

# ALP Program

## Participant Web Summary Report

2015 Round #28



*The Agriculture Laboratory Proficiency (ALP) Program is operated by Collaborative Testing Services, Inc. in cooperation with Robert O. Miller, PhD, Program Technical Director*

### ALP Program - Fall 2015 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Fall 2015 (Cycle 28) was completed in December, 2015, with participation by 96 labs from the United States, Canada, Guatemala, South Africa, Italy and the Philippines. Proficiency samples consisted of five soils, three botanical and three water samples. Analytical methods evaluated are based on those published by AOAC, four regional soil work groups, the Soil Plant Analysis Council and Forestry Canada.



Standard Reference Soils (SRS), materials used for the soils program were: SRS1511 a silt loam collected from Quebec, CANADA; SRS1512 a Cozad silt loam collected Buffalo Cty, NE; SRS1513 a Millhopper-Urban complex loamy sand collected Archula Cty, FL; SRS1514 a Tama silt loam collected Iowa Cty, WI; and SRS1515 Danvers-Shaak clay loam collected Yellowstone Cty, MT. Standard Reference Botanical (SRB) materials were: SRB1507 spinach leaf composite from CA, SRB1508 grape blade composite from CA and SRB1509 citrus leaf composite from CA. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW1507 well water in eastern SD, SRW1508 well water in NE, and SRW1509 well water in Ontario, CANADA.

Laboratory Results were compiled and analyzed for each interlaboratory material and property. All analyses in the ALP Program are based on consensus and comparative statistics. Although the analysis techniques chosen to provide a robust evaluation, small group statistics are less reliable than large group statistics. No comparative results are provided for analyses with fewer than 4 reported results.

#### *Special Topics:*

Discussion of Statistics  
in ALP Reports.

Quick Key to Analysis  
Tables.

Means and medians /  
standard deviations  
and M.A.D.s

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## Discussion of Statistics in ALP Reports

Reports in the ALP Program contain a variety of statistical terms and measures, such as: mean, median, median absolute deviation (M.A.D.), average standard deviation, z-score, etc. that must be understood to accurately interpret your laboratory's results. The following sections describe the statistics used in the Participant Web Summary Report and the Individual Performance Analysis Report.

### **Laboratory Statistics:**

For each property three replicate determinations were collected for each sample. From these determinations, we calculated your laboratory results as the arithmetic mean and standard deviation of the three determinations. These results form the basis for all other statistics used in the reports.

$$\text{Arithmetic Mean} \quad \bar{x} = \frac{1}{n} \cdot \sum_{i=1}^n x_i \quad \text{Standard Deviation} \quad \sigma = \sqrt{\frac{1}{N} \sum_{i=1}^N (x_i - \bar{x})^2}$$

### **Consensus Statistics:**

From the laboratory means a Grand Median is determined. The dispersion around this consensus value is calculated by the Median Absolute Deviation (M.A.D.). The M.A.D. is the median of the absolute values of the differences between the Laboratory Means and the Grand Median. Finally, the standard deviations between the triplicate determinations for each sample-property within each lab are averaged (by the sum of squares method) to determine the Within Lab Average Standard Deviation. These three consensus values, Grand Median, M.A.D. and Within Lab Avg STD form the basic estimates of value, dispersion, and within laboratory consistency.

$$MAD = \text{med}_i (|x_i - \text{med}_j (x_j)|)$$

Please note that the calculation of the M.A.D. as detailed above differs from conventional usage.

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## Discussion of Statistics in ALP Reports

### **Performance Statistics:**

Performance Statistics are generated by combinations of the two Laboratory Statistics (arithmetic mean and standard deviation) and the Consensus Statistics (Grand Median, M.A.D. and Within Lab Avg STD).

The Individual Performance Analysis Report, contains two Performance Statistics and an associated range. The WithinLab Performance is the laboratory standard deviation divided by the Within Lab Average Standard Deviation. A value greater than 1 for this ratio would indicate that the variation of the three replicate determinations for this sample-property from your laboratory was greater than the other participants; a ratio less than 1 indicates less variation than other participants. The Laboratory-Sample Bias results on the Laboratory Summary Performance page are z-scores calculated by dividing the difference between your laboratory mean and the Grand Median by the M.A.D. A value closer to zero for this performance statistic indicates that your laboratory mean agreed with the other participants. Positive values indicate that your laboratory mean was greater than the Grand Median; negative values indicate that your laboratory mean was less than the Grand Median. The larger this value is, whether positive or negative, the less agreement between your laboratory mean and the Grand Median. The confidence interval is calculated from the Grand Median and the M.A.D.

$$\text{WithinLab Performance} = \frac{\text{laboratory standard deviation}}{\text{Within Lab Average Standard Deviation}} \qquad \text{Laboratory-Sample Bias} = \frac{(\text{laboratory mean} - \text{Grand Median})}{\text{M.A.D.}}$$

In the Participant Web Summary Report the k Score is the same as the WithinLab Performance; it is simply a common technical term. The Z Score does differ from the Laboratory-Sample Bias, however these two performance measures share the same purpose - to judge the bias between your laboratory mean and the consensus results. The Z Score is calculated by dividing the difference between your laboratory mean and the Grand Median by the product of the M.A.D. and a factor of 1.48 (rounded). This denominator is used to give a rough estimate of the between laboratory standard deviation, if a normal distribution is assumed. The Z Score then gives us something that approximates a traditional z-score, so that on average 68% of values fall in the range of +1.00 to -1.00.

$$\text{k Score} = \frac{\text{laboratory standard deviation}}{\text{Within Lab Average Standard Deviation}} \qquad \text{Z Score} = \frac{(\text{laboratory mean} - \text{Grand Median})}{1.48(\text{M.A.D.})}$$



Key to Data Tables

**Laboratory Results**

			<b>Sample Mean</b>	arithmetic mean of the three determinations for the sample-property
			<b>Difference</b>	difference between your laboratory mean and the Grand Median
<b>Sample Mean</b>	<b>Z Score</b>	<b>k Score</b>	<b>Z Score</b>	difference divided by the product of the M.A.D. and 1.48 (rounded)
	<b>Difference</b>	<b>W/L STD</b>	<b>W/L STD</b>	standard deviation of the three determinations for the sample-property
			<b>k Score</b>	laboratory standard deviation divided by the Within Lab Average STD

**Consensus Results**

<b>Grand Median</b>	median of all included sample means
<b>Median Abs Dev</b>	median of all included absolute differences between the sample means and the grand median
<b>Avg Within Lab SD</b>	average of all included laboratory standard deviations
<b>Labs Included</b>	number of laboratories included in calculation of consensus statistics for this sample-property
<b>Labs Reporting</b>	number of laboratories submitting data for this sample-property

Consensus results were reported only for analyses with five or more included laboratories. Analyses with fewer than five included laboratories are missing both consensus and performance statistics.



## Choosing the Statistics Used

In this report and the Individual Performance Analysis Report, ALP participants should note that CTS has used means and medians to calculate averages, as well as standard deviations and Median Absolute Deviation (M.A.D.) to estimate dispersion about these averages. The use of multiple averages and multiple measures of dispersion has the potential to lead to confusion. This note is intended to explain the rationale behind the choice of statistics used. **As a guideline, we have chosen means and standard deviations to describe within laboratory measures and the median and M.A.D. to describe between laboratory measures.**

### **Why did we decide this?**

This decision is based upon the assumption that within each laboratory there measurement process is "in-control." If one of the triplicate determinations was very different from the other results, it would likely be discarded as an outlier and the sample tested again. Additionally, laboratories use training, maintenance, calibration and check samples to produce reliable results based on a historical perspective. Because of these two factors, absence of outliers and relative consistency, the assumption is made that the results will be normally distributed. Although in reality this is often not true, it is the conventional practice. Mean and standard deviations provide good estimates of value and dispersion in this case.

On the other hand, we have not made this same "in-control" assumption about the between laboratory comparisons. As a result, we have chosen more robust estimators of value and dispersion. In many cases, the median will be less affected by outliers than the mean when dealing with a small number of measurements. Similarly, the average difference and the M.A.D. will often yield more accurate estimates of dispersion than the standard deviation when dealing with a "flawed sample." Here the term flawed sample refers to a group of measurements that differs from the idealized normal distribution. Moreover, the M.A.D. will also make the dispersion estimate less susceptible to outliers than the use of standard deviations. Unlike the M.A.D., a standard deviation emphasizes larger deviations by the squaring of the difference.



The choice of statistics used is not the only choice that may be made, nor were the presented statistics the only ones calculated for the Demonstration Round. CTS, in conjunction with Dr. Miller, chose the measures used in the report based on the utility the measures provide to the participants. We will continue to evaluate our statistical choices and make changes to provide the best tools for evaluating your laboratory's measurement performance. However we will balance this need with our ongoing commitment to simplicity of interpretation.



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Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups															Data units: Percent		
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515				
<b>NRW8AP</b>	<b>27.1</b>	-0.3	0.8	<b>40.6</b>	-0.1	1.1	<b>25.7</b>	-0.3	0.0	<b>41.0</b>	0.0	0.4	<b>41.6</b>	0.2	2.3		
		-1.3	0.9		-0.8	1.2		-0.7	0.0		0.2	0.4		0.9	2.1		
<b>FQP3HU</b>	<b>25.4</b>	-0.7	1.0	<b>39.6</b>	-0.3	0.3	<b>21.8</b>	-1.7	0.2	<b>37.6</b>	-0.6	0.3	<b>36.1</b>	-0.8	0.1		
		-2.9	1.1		-1.7	0.3		-4.5	0.2		-3.3	0.3		-4.6	0.1		
<b>C47NEY</b>	<b>24.3</b>	-1.0	0.9	<b>40.4</b>	-0.2	1.0	<b>22.7</b>	-1.4	0.9	<b>38.4</b>	-0.5	2.3	<b>35.2</b>	-1.0	1.6		
		-4.1	1.0		-0.9	1.1		-3.6	0.8		-2.4	2.2		-5.5	1.5		
<b>VJYMAG</b>	<b>28.3</b>	0.0	0.5	<b>41.7</b>	0.1	0.5	<b>28.0</b>	0.6		<b>40.7</b>	0.0	0.6	<b>40.7</b>	0.0	0.6		
		0.0	0.6		0.3	0.6		1.7	0.0		-0.2	0.6		0.0	0.6		
<b>4RZ3B8</b>	<b>28.4</b>	0.0	2.4	<b>40.3</b>	-0.2	2.6	<b>25.9</b>	-0.2	3.3	<b>38.4</b>	-0.5	1.9	<b>35.5</b>	-0.9	0.8		
		0.0	2.6		-1.1	2.9		-0.4	3.1		-2.5	1.9		-5.1	0.7		
<b>C4PRLY</b>	<b>22.8</b>	-1.3	0.3	<b>37.5</b>	-0.7	0.2	<b>23.4</b>	-1.1	0.3	<b>36.8</b>	-0.8	0.3	<b>34.1</b>	-1.1	0.1		
		-5.5	0.3		-3.9	0.2		-2.9	0.2		-4.1	0.3		-6.6	0.1		
<b>8NA3L2</b>	<b>31.8</b>	0.8	0.3	<b>50.7</b>	1.6	0.8	<b>26.6</b>	0.1	0.6	<b>49.1</b>	1.6	1.0	<b>48.6</b>	1.4	1.3		
		3.5	0.4		9.4	0.9		0.3	0.6		8.2	0.9		7.9	1.2		
<b>382E77</b>	<b>26.0</b>	-0.6		<b>40.7</b>	-0.1	1.1	<b>26.3</b>	0.0	0.6	<b>37.3</b>	-0.7	0.6	<b>40.3</b>	-0.1	1.3		
		-2.4	0.0		-0.7	1.2		0.0	0.6		-3.5	0.6		-0.3	1.2		
<b>4XQDK7</b>	<b>29.8</b>	0.4	0.7	<b>44.3</b>	0.5	0.1	<b>29.1</b>	1.0	0.4	<b>43.2</b>	0.5	0.8	<b>41.9</b>	0.2	0.4		
		1.5	0.7		3.0	0.1		2.7	0.4		2.4	0.8		1.2	0.4		
<b>32WJM7</b>	<b>25.7</b>	-0.6	0.5	<b>40.3</b>	-0.2	1.1	<b>25.3</b>	-0.4	0.6	<b>39.3</b>	-0.3	1.2	<b>38.7</b>	-0.3	0.6		
		-2.7	0.6		-1.0	1.2		-1.0	0.6		-1.5	1.2		-2.0	0.6		
<b>2Y8W7C</b>	<b>27.3</b>	-0.2	1.1	<b>42.7</b>	0.2	0.5	<b>27.7</b>	0.5	0.6	<b>40.7</b>	0.0	1.2	<b>41.7</b>	0.2	0.6		
		-1.0	1.2		1.3	0.6		1.3	0.6		-0.2	1.2		1.0	0.6		
<b>QV4LLK</b>	<b>27.0</b>	-0.3	1.6	<b>41.0</b>	-0.1	1.8	<b>27.7</b>	0.5	0.6	<b>41.0</b>	0.0	1.8	<b>40.7</b>	0.0	2.3		
		-1.4	1.7		-0.3	2.0		1.3	0.6		0.2	1.7		0.0	2.1		
<b>KMCVXR</b>	<b>25.6</b>	-0.7		<b>40.3</b>	-0.2		<b>27.1</b>	0.3		<b>41.4</b>	0.1		<b>38.4</b>	-0.4			
		-2.8	0.0		-1.0	0.0		0.8	0.0		0.6	0.0		-2.3	0.0		
<b>F668JV</b>	<b>30.3</b>	0.5	1.4	<b>43.3</b>	0.3	0.5	<b>29.0</b>	1.0		<b>39.7</b>	-0.2	0.6	<b>40.7</b>	0.0	0.6		
		2.0	1.5		2.0	0.6		2.7	0.0		-1.2	0.6		0.0	0.6		
<b>FWELDX</b>	<b>30.7</b>	0.6	0.6	<b>48.9</b>	1.3	0.3	<b>25.3</b>	-0.4	0.7	<b>48.5</b>	1.5	0.4	<b>48.0</b>	1.3	0.8		
		2.3	0.7		7.6	0.3		-1.0	0.7		7.6	0.4		7.3	0.7		
<b>4PWGDA</b>	<b>29.0</b>	0.2		<b>46.7</b>	0.9		<b>29.7</b>	1.3		<b>44.6</b>	0.7		<b>41.8</b>	0.2			
		0.7	0.0		5.4	0.0		3.4	0.0		3.8	0.0		1.1	0.0		
<b>XLBLAF</b>	<b>30.7</b>	0.6		<b>52.2</b>	1.8		<b>22.2</b>	-1.6		<b>52.9</b>	2.4		<b>55.9</b>	2.7			
		2.4	0.0		10.9	0.0		-4.2	0.0		12.1	0.0		15.2	0.0		
<b>3N2CJA</b>	<b>24.7</b>	-0.9	0.1	<b>37.1</b>	-0.7	0.9	<b>24.5</b>	-0.7	0.5	<b>36.3</b>	-0.9	0.3	<b>35.1</b>	-1.0	0.4		
		-3.7	0.1		-4.3	1.0		-1.9	0.5		-4.5	0.3		-5.6	0.4		
<b>KN9DZT</b>	<b>30.7</b>	0.6	1.3	<b>45.9</b>	0.8	1.9	<b>26.4</b>	0.0	2.0	<b>45.0</b>	0.8	1.6	<b>44.4</b>	0.7	1.3		
		2.4	1.4		4.6	2.1		0.0	1.9		4.2	1.6		3.8	1.2		
<b>79GV44</b>	<b>31.3</b>	0.7	2.2	<b>48.3</b>	1.2	1.1	<b>30.0</b>	1.4	1.9	<b>45.0</b>	0.8	1.0	<b>44.7</b>	0.7	0.6		
		3.0	2.3		7.0	1.2		3.7	1.7		4.2	1.0		4.0	0.6		



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	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>NT8YFL</b>	<b>31.9</b>	0.8		<b>47.3</b>	1.0		<b>27.0</b>	0.3		<b>48.7</b>	1.5		<b>48.3</b>	1.3	
		3.5	0.0		6.0	0.0		0.7	0.0		7.8	0.0		7.6	0.0
		3.2			-2.5			-0.3			-0.3			-0.6	
<b>WN9D4A</b>	<b>41.8</b>	13.5	0.0	<b>26.5</b>	-14.8	0.0	<b>25.6</b>	-0.8	0.0	<b>39.1</b>	-1.7	0.0	<b>37.5</b>	-3.2	0.0
<b>Grand Median</b>		28.4			41.3			26.4			40.8			40.7	
<b>Median Abs Dev</b>		2.4			2.5			1.3			2.9			3.5	
<b>Avg Within Lab SD</b>		1.1			1.1			0.9			1.0			0.9	
<b>Labs Included</b>		22			22			22			22			22	
<b>Labs Reporting</b>		22			22			22			22			22	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

pH - sp (SubTestCode 102)	in the Salinity Property Groups															Data units: Unit
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
FQP3HU	5.12	-0.80	1.17	6.22	-0.49	0.63	5.85	-1.11	1.76	6.83	-0.19	0.26	4.99	-0.49	0.44	
C47NEY	5.51	0.41	2.68	6.51	0.63	1.31	6.21	0.79	1.76	7.11	0.78	3.01	5.22	0.24	2.53	
VJYMAG	5.37	-0.03	0.90	6.45	0.41	0.52	6.15	0.48	0.78	6.80	-0.30	1.14	5.08	-0.21	0.46	
4RZ3B8	5.31	-0.21	0.45	6.34	-0.03	2.43	6.06	-0.01	0.95	6.91	0.09	0.54	5.04	-0.34	0.89	
C4PRLY	5.31	-0.07	0.04	6.35	-0.01	0.21	5.95	0.00	0.06	6.80	0.03	0.04	5.07	-0.11	0.04	
8NA3L2	5.47	-0.22	0.07	6.47	0.03	0.07	6.23	-0.58	0.00	7.17	-0.30	0.00	5.20	-0.24	0.64	
382E77	5.07	-0.07	0.01	6.35	0.46	0.66	5.61	-0.11	0.00	6.26	-0.09	0.00	4.84	-0.08	0.03	
4XQDK7	5.24	0.28	0.73	6.47	0.12	0.06	5.99	0.89	0.88	6.94	0.96	0.75	5.06	0.19	0.00	
32WJM7	5.41	-0.96	0.57	6.32	-1.92	0.12	6.16	-2.36	0.18	6.88	-2.14	0.20	5.20	-0.97	0.44	
M8UYGL	5.19	-0.30	0.05	6.47	-0.51	0.01	6.06	-0.46	0.01	7.03	-0.62	0.02	5.19	-0.30	0.02	
2Y8W7C	5.30	-0.44	3.09	6.03	0.03	2.94	6.00	-0.35	3.21	6.76	0.17	2.67	6.92	-0.25	2.46	
QV4LLK	5.40	-0.14	0.25	6.30	0.01	0.26	6.09	-0.07	0.21	6.94	0.05	0.21	5.13	-0.08	0.11	
8QG8D6	5.58	0.12	0.39	6.20	-0.11	0.40	6.18	0.53	0.54	6.90	-0.02	0.26	5.20	0.20	0.34	
F668JV	5.39	0.04	0.03	6.35	-0.03	0.04	6.01	0.10	0.04	6.76	-0.01	0.02	5.09	0.06	0.02	
FWELDX	5.29	-0.58	0.96	6.25	0.49	1.93	5.96	0.01	0.23	6.76	0.49	0.78	5.07	0.17	1.09	
4PWGDA	5.24	-0.18	0.08	6.03	0.13	0.17	5.97	0.00	0.02	6.84	0.14	0.06	5.09	0.05	0.05	
XLBLAF	5.60	-0.24	0.22	6.30	-1.20	0.20	6.23	-0.30	0.99	7.19	-0.45	0.38	5.33	5.72	1.77	
3N2CJA	5.32	-0.08	0.02	6.22	-0.32	0.02	6.04	-0.06	0.07	6.88	-0.13	0.03	5.06	1.78	0.08	
KN9DZT	5.45	0.07	0.55	6.30	-0.16	0.63	6.10	0.13	0.99	7.03	0.19	0.54	5.16	-0.05	1.09	
TPMZPJ	5.26	0.64	0.00	6.20	-0.04	0.06	6.10	0.03	0.07	6.94	0.06	0.04	5.16	-0.02	0.05	
		0.20	0.00	6.35	-0.55	0.00	6.18	0.61	0.00	6.90	0.05	0.00	5.20	0.19	0.00	
		0.03	0.48	6.20	-0.15	0.00	6.01	0.12	0.00	6.76	0.01	0.00	5.09	0.06	0.00	
		0.01	0.04	6.35	0.03	0.77	6.01	-0.29	0.58	6.76	-0.43	1.13	5.09	-0.17	1.54	
		0.01	0.04	6.35	0.01	0.07	6.01	-0.06	0.04	6.76	-0.13	0.09	5.09	-0.05	0.07	
		-0.26	1.07	6.25	-0.36	0.12	5.96	-0.54	0.32	6.76	-0.42	0.20	5.07	-0.23	0.22	
		-0.08	0.09	6.25	-0.10	0.01	5.96	-0.11	0.02	6.76	-0.12	0.02	5.07	-0.07	0.01	
		-0.43		6.38	0.13		5.97	-0.48		6.84	-0.16		5.09	-0.17		
		-0.14	0.00	6.38	0.04	0.00	5.97	-0.09	0.00	6.84	-0.05	0.00	5.09	-0.05	0.00	
		0.71		6.54	0.74		6.23	0.87		7.19	1.04		5.33	0.60		
		0.22	0.00	6.54	0.20	0.00	6.23	0.17	0.00	7.19	0.30	0.00	5.33	0.19	0.00	
		-0.17	0.81	6.22	-0.49	0.29	6.04	-0.11	0.40	6.88	-0.01	0.27	5.06	-0.26	0.38	
		-0.05	0.06	6.22	-0.13	0.03	6.04	-0.02	0.03	6.88	0.00	0.02	5.06	-0.08	0.02	
		0.24	0.69	6.42	0.30	0.29	6.10	0.20	0.67	7.03	0.50	0.20	5.16	0.07	0.34	
		0.08	0.06	6.42	0.08	0.03	6.10	0.04	0.04	7.03	0.15	0.02	5.16	0.02	0.02	
		-0.38	0.19	6.37	0.08	0.87	6.10	0.20	0.46	6.94	0.19	1.38	5.16	0.05	0.83	
		-0.12	0.02	6.37	0.02	0.08	6.10	0.04	0.03	6.94	0.06	0.11	5.16	0.02	0.04	





## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>79GV44</b>	<b>6.08</b>	2.24	0.26	<b>6.46</b>	0.45	0.86	<b>6.42</b>	1.87	1.27	<b>6.98</b>	0.31	1.05	<b>6.05</b>	2.93	0.89
		0.71	0.02		0.12	0.08		0.36	0.08		0.09	0.08		0.91	0.04
<b>NT8YFL</b>	<b>5.87</b>	1.56		<b>5.81</b>	-2.03		<b>5.60</b>	-2.39		<b>5.66</b>	-4.21		<b>5.32</b>	0.57	
		0.49	0.00		-0.54	0.00		-0.46	0.00		-1.23	0.00		0.18	0.00
<b>Q77MKK</b>	<b>6.21</b>	2.64		<b>6.16</b>	-0.70		<b>6.10</b>	0.20		<b>6.08</b>	-2.77		<b>5.49</b>	1.12	
		0.83	0.00		-0.19	0.00		0.04	0.00		-0.81	0.00		0.35	0.00
<b>WN9D4A</b>	<b>6.17</b>	2.51		<b>5.20</b>	-4.35		<b>5.89</b>	-0.89		<b>6.89</b>	0.01		<b>4.90</b>	-0.78	
		0.79	0.00		-1.15	0.00		-0.17	0.00		0.00	0.00		-0.24	0.00
<b>Grand Median</b>		5.38			6.35			6.06			6.89			5.14	
<b>Median Abs Dev</b>		0.13			0.12			0.10			0.09			0.08	
<b>Avg Within Lab SD</b>		0.08			0.09			0.07			0.08			0.05	
<b>Labs Included</b>		24			24			24			24			24	
<b>Labs Reporting</b>		24			24			24			24			24	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

ECe - sp (SubTestCode 103)	in the Salinity Property Groups															Data units: dS/m
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
NRW8AP	<b>0.73</b>	0.29	0.30	<b>0.60</b>	0.00	1.34	<b>0.80</b>	0.78	1.06	<b>1.16</b>	0.99	2.14	<b>1.41</b>	0.60	1.05	
		0.03	0.01		0.00	0.07		0.10	0.05		0.16	0.14		0.12	0.09	
FQP3HU	<b>0.73</b>	0.29	0.29	<b>0.68</b>	0.66	1.22	<b>0.73</b>	0.27	1.52	<b>1.03</b>	0.18	0.91	<b>1.37</b>	0.36	0.55	
		0.03	0.01		0.08	0.07		0.04	0.07		0.03	0.06		0.07	0.05	
C47NEY	<b>0.71</b>	0.06	1.90	<b>0.54</b>	-0.53	0.62	<b>0.66</b>	-0.25	1.22	<b>0.92</b>	-0.48	1.29	<b>1.26</b>	-0.21	1.38	
		0.01	0.08		-0.06	0.03		-0.03	0.05		-0.08	0.09		-0.04	0.12	
VJYMAG	<b>0.71</b>	0.06	0.35	<b>0.66</b>	0.53	0.70	<b>0.69</b>	-0.04	0.60	<b>1.01</b>	0.08	0.23	<b>1.36</b>	0.33	0.63	
		0.01	0.02		0.06	0.04		-0.01	0.03		0.01	0.02		0.06	0.05	
4RZ3B8	<b>0.77</b>	0.62	1.63	<b>0.76</b>	1.31	2.13	<b>0.78</b>	0.63	1.76	<b>1.15</b>	0.89	1.23	<b>1.53</b>	1.21	2.58	
		0.07	0.07		0.16	0.12		0.08	0.08		0.15	0.08		0.23	0.22	
C4PRLY	<b>0.49</b>	-1.98	0.27	<b>0.53</b>	-0.61	0.46	<b>0.55</b>	-1.11	0.00	<b>0.76</b>	-1.48	0.17	<b>1.05</b>	-1.28	0.00	
		-0.21	0.01		-0.07	0.03		-0.15	0.00		-0.24	0.01		-0.25	0.00	
8NA3L2	<b>0.70</b>	0.00	0.61	<b>0.57</b>	-0.25	0.37	<b>0.72</b>	0.22	0.35	<b>0.96</b>	-0.22	0.43	<b>1.36</b>	0.33	0.63	
		0.00	0.03		-0.03	0.02		0.03	0.02		-0.04	0.03		0.06	0.05	
382E77	<b>0.70</b>	0.03	0.67	<b>0.69</b>	0.77	0.25	<b>0.81</b>	0.85	0.15	<b>1.08</b>	0.51	0.12	<b>1.30</b>	0.00	0.27	
		0.00	0.03		0.09	0.01		0.11	0.01		0.08	0.01		0.00	0.02	
4XQDK7	<b>0.60</b>	-0.90	1.28	<b>0.47</b>	-1.05	2.07	<b>0.62</b>	-0.60	0.57	<b>0.79</b>	-1.26	2.71	<b>1.20</b>	-0.52	1.02	
		-0.10	0.06		-0.13	0.11		-0.08	0.03		-0.21	0.18		-0.10	0.09	
32WJM7	<b>0.71</b>	0.06	0.13	<b>0.56</b>	-0.33	0.37	<b>0.71</b>	0.14	0.26	<b>0.90</b>	-0.61	0.60	<b>1.34</b>	0.22	0.21	
		0.01	0.01		-0.04	0.02		0.02	0.01		-0.10	0.04		0.04	0.02	
M8UYGL	<b>0.69</b>	-0.06	3.26	<b>0.62</b>	0.14	3.18	<b>0.71</b>	0.12	3.74	<b>1.14</b>	0.83	1.62	<b>1.34</b>	0.21	0.81	
		-0.01	0.14		0.02	0.17		0.02	0.17		0.14	0.11		0.04	0.07	
2Y8W7C	<b>0.75</b>	0.50	0.27	<b>0.69</b>	0.75	0.18	<b>0.72</b>	0.19	0.23	<b>1.13</b>	0.79	0.15	<b>1.35</b>	0.26	0.07	
		0.05	0.01		0.09	0.01		0.03	0.01		0.13	0.01		0.05	0.01	
QV4LLK	<b>0.72</b>	0.19	1.23	<b>0.68</b>	0.70	0.70	<b>0.68</b>	-0.12	0.23	<b>1.17</b>	1.04	1.57	<b>1.28</b>	-0.07	2.73	
		0.02	0.05		0.08	0.04		-0.02	0.01		0.17	0.10		-0.01	0.23	
KMCVXR	<b>0.70</b>	0.00		<b>0.60</b>	0.00		<b>0.30</b>	-3.03								
		0.00	0.00		0.00	0.00		-0.40	0.00							
8QG8D6	<b>0.68</b>	-0.19	0.00	<b>0.63</b>	0.25	0.00	<b>0.70</b>	0.04	0.00	<b>0.90</b>	-0.61	0.00	<b>1.10</b>	-1.02	0.00	
		-0.02	0.00		0.03	0.00		0.01	0.00		-0.10	0.00		-0.20	0.00	
F668JV	<b>0.66</b>	-0.40	1.15	<b>0.59</b>	-0.11	0.70	<b>0.68</b>	-0.12	0.39	<b>1.04</b>	0.24	0.66	<b>1.23</b>	-0.36	2.15	
		-0.04	0.05		-0.01	0.04		-0.02	0.02		0.04	0.04		-0.07	0.18	
FWELDX	<b>0.76</b>	0.59	1.05	<b>0.82</b>	1.86	0.56	<b>0.71</b>	0.11	0.49	<b>1.11</b>	0.67	0.54	<b>1.40</b>	0.55	0.25	
		0.06	0.05		0.22	0.03		0.01	0.02		0.11	0.04		0.11	0.02	
4PWGDA	<b>0.75</b>	0.46		<b>0.61</b>	0.09		<b>0.68</b>	-0.12		<b>1.07</b>	0.43		<b>1.41</b>	0.59		
		0.05	0.00		0.01	0.00		-0.02	0.00		0.07	0.00		0.11	0.00	
XLBLAF	<b>0.64</b>	-0.56		<b>0.59</b>	-0.11		<b>0.83</b>	1.07		<b>1.02</b>	0.12		<b>1.22</b>	-0.40		
		-0.06	0.00		-0.01	0.00		0.14	0.00		0.02	0.00		-0.08	0.00	
3N2CJA	<b>0.57</b>	-1.24	0.74	<b>0.51</b>	-0.77	0.82	<b>0.61</b>	-0.68	0.27	<b>0.87</b>	-0.81	0.90	<b>1.07</b>	-1.18	0.24	
		-0.13	0.03		-0.09	0.04		-0.09	0.01		-0.13	0.06		-0.23	0.02	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>KN9DZT</b>	<b>0.69</b>	-0.10	1.08	<b>0.59</b>	-0.05	0.57	<b>0.75</b>	0.39	1.35	<b>1.00</b>	-0.01	0.64	<b>1.34</b>	0.24	0.30
<b>TPMZPJ</b>	<b>0.35</b>	-0.01	0.05	<b>0.58</b>	-0.01	0.03	<b>0.16</b>	0.05	0.06	<b>0.57</b>	0.00	0.04	<b>0.83</b>	0.05	0.03
<b>79GV44</b>	<b>0.63</b>	-3.22	0.49	<b>0.56</b>	-0.13	0.07	<b>0.65</b>	-4.12	0.09	<b>1.00</b>	-2.62	1.12	<b>1.27</b>	-2.44	0.27
<b>NT8YFL</b>	<b>0.83</b>	-0.35	0.02	<b>1.14</b>	-0.02	0.00	<b>0.73</b>	-0.54	0.00	<b>0.99</b>	-0.43	0.07	<b>1.86</b>	-0.47	0.02
<b>Q77MKK</b>	<b>0.53</b>	-0.69	0.51	<b>0.70</b>	-0.35	0.30	<b>0.62</b>	-0.38	0.87	<b>0.98</b>	0.00	0.30	<b>1.29</b>	-0.15	0.07
<b>WN9D4A</b>	<b>0.46</b>	-0.07	0.02	<b>0.50</b>	-0.04	0.02	<b>0.52</b>	-0.05	0.04	<b>0.71</b>	0.00	0.02	<b>1.03</b>	-0.03	0.01
		1.21			4.49			0.27			-0.06			2.92	
		0.13	0.00		0.54	0.00		0.04	0.00		-0.01	0.00		0.56	0.00
		-1.62			0.86			-0.58			-0.13			-0.04	
		-0.18	0.00		0.10	0.00		-0.08	0.00		-0.02	0.00		-0.01	0.00
		-2.23			-0.83			-1.34			-1.77			-1.38	
		-0.24	0.00		-0.10	0.00		-0.18	0.00		-0.29	0.00		-0.27	0.00
<b>Grand Median</b>		0.70			0.60			0.70			1.00			1.30	
<b>Median Abs Dev</b>		0.05			0.06			0.04			0.10			0.07	
<b>Avg Within Lab SD</b>		0.04			0.05			0.04			0.07			0.08	
<b>Labs Included</b>		26			26			26			25			25	
<b>Labs Reporting</b>		26			26			26			25			25	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

HCO3 -sp (SubTestCode 104)	in the Salinity Property Groups															Data units: mmolc/L
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
NRW8AP	<b>0.42</b>	0.26	0.90	<b>1.10</b>	0.43	1.08	<b>0.34</b>	-0.11	1.32	<b>2.97</b>	0.89	1.97	<b>0.22</b>	-0.52	0.03	
		0.09	0.05		0.32	0.09		-0.02	0.04		1.28	0.67		-0.18	0.00	
C47NEY	<b>0.60</b>	0.80	1.08	<b>1.02</b>	0.32	1.46	<b>0.32</b>	-0.19	0.00	<b>2.00</b>	0.22	1.41	<b>0.60</b>	0.57	1.00	
		0.26	0.06		0.24	0.12		-0.04	0.00		0.31	0.48		0.20	0.06	
VJYMAG				<b>0.29</b>	-0.66	1.19				<b>1.38</b>	-0.22	1.10				
					-0.49	0.10					-0.31	0.38				
4RZ3B8	<b>0.33</b>	0.00	0.70	<b>0.54</b>	-0.32	1.18	<b>0.47</b>	0.49	2.29	<b>0.91</b>	-0.54	0.67	<b>0.40</b>	0.00	1.48	
		0.00	0.04		-0.24	0.10		0.11	0.08		-0.78	0.23		0.00	0.09	
C4PRLY	<b>1.15</b>	2.48	0.00	<b>2.00</b>	1.63		<b>1.05</b>	3.01	0.00	<b>3.50</b>	1.26	0.02	<b>0.75</b>	1.00		
		0.82	0.00		1.22	0.00		0.69	0.00		1.81	0.01		0.35	0.00	
32WJM7	<b>0.33</b>	0.00	2.13	<b>1.27</b>	0.65	1.38	<b>0.40</b>	0.17	0.00	<b>3.07</b>	0.95	0.68	<b>0.33</b>	-0.19	1.95	
		0.00	0.12		0.49	0.12		0.04	0.00		1.38	0.23		-0.07	0.12	
Q77MKK	<b>0.08</b>	-0.77		<b>0.33</b>	-0.61		<b>0.19</b>	-0.74		<b>0.55</b>	-0.79		<b>0.17</b>	-0.66		
		-0.25	0.00		-0.45	0.00		-0.17	0.00		-1.14	0.00		-0.23	0.00	
WN9D4A	<b>0.20</b>	-0.40		<b>0.20</b>	-0.78		<b>0.36</b>	0.00		<b>0.92</b>	-0.53		<b>1.02</b>	1.78		
		-0.13	0.00		-0.58	0.00		0.00	0.00		-0.77	0.00		0.62	0.00	
<b>Grand Median</b>		0.33		0.78			0.36			1.69			0.40			
<b>Median Abs Dev</b>		0.13		0.47			0.04			0.96			0.20			
<b>Avg Within Lab SD</b>		0.05		0.08			0.03			0.34			0.06			
<b>Labs Included</b>		7		8			7			8			7			
<b>Labs Reporting</b>		7		8			7			8			7			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Ca - sp (SubTestCode 105)	in the Salinity Property Groups															Data units: mmol/L
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
NRW8AP	3.33	0.31	0.60	3.06	-0.03	1.36	3.47	0.89	0.14	5.29	0.12	0.70	6.32	0.13	1.10	
		0.12	0.09		-0.02	0.33		0.41	0.02		0.09	0.20		0.09	0.36	
C47NEY	3.44	0.60	0.71	2.60	-1.03	2.40	3.06	0.00	1.53	4.43	-1.05	2.45	6.05	-0.25	1.65	
		0.23	0.10		-0.48	0.58		0.00	0.21		-0.77	0.70		-0.18	0.54	
VJYMAG	3.18	-0.09	1.13	3.26	0.38	0.43	2.93	-0.29	0.21	5.14	-0.08	0.53	6.32	0.12	0.84	
		-0.04	0.16		0.18	0.10		-0.13	0.03		-0.06	0.15		0.09	0.27	
4RZ3B8	3.30	0.22	2.61	3.87	1.68	2.90	3.36	0.65	3.09	5.35	0.21	1.61	6.94	0.96	3.18	
		0.08	0.37		0.79	0.70		0.30	0.41		0.15	0.46		0.71	1.04	
C4PRLY	2.80	-1.08	0.00	2.80	-0.60	0.00	2.65	-0.89	0.00	4.70	-0.68	0.00	5.85	-0.51	0.00	
		-0.41	0.00		-0.28	0.00		-0.41	0.00		-0.50	0.00		-0.38	0.00	
8NA3L2	3.07	-0.37	0.84	3.09	0.02	0.19	3.08	0.04	0.67	5.27	0.10	0.54	6.23	0.00	0.81	
		-0.14	0.12		0.01	0.05		0.02	0.09		0.07	0.15		0.00	0.27	
382E77	3.21	0.00	1.16	3.69	1.29	0.13	2.92	-0.31	0.71	5.52	0.44	0.02	6.69	0.62	0.28	
		0.00	0.16		0.61	0.03		-0.14	0.10		0.32	0.01		0.46	0.09	
4XQDK7	2.68	-1.40	0.29	1.94	-2.43	0.13	2.69	-0.80	0.20	3.75	-1.97	0.08	5.57	-0.89	0.12	
		-0.54	0.04		-1.14	0.03		-0.37	0.03		-1.45	0.02		-0.66	0.04	
32WJM7	3.10	-0.30	0.71	2.87	-0.45	0.24	3.17	0.23	0.86	4.67	-0.73	0.41	6.53	0.41	0.18	
		-0.11	0.10		-0.21	0.06		0.11	0.12		-0.53	0.12		0.30	0.06	
QUDDLH	3.30	0.23		3.03	-0.11		3.32	0.56		5.09	-0.15		5.54	-0.92		
		0.09	0.00		-0.05	0.00		0.26	0.00		-0.11	0.00		-0.69	0.00	
2Y8W7C	3.23	0.04	0.64	3.23	0.31	0.39	2.90	-0.35	0.72	4.99	-0.29	0.17	5.64	-0.79	0.00	
		0.01	0.09		0.15	0.09		-0.16	0.10		-0.21	0.05		-0.59	0.00	
QV4LLK	3.31	0.25	1.53	3.45	0.78	1.05	2.92	-0.31	0.74	5.22	0.02	0.54	6.38	0.20	0.89	
		0.10	0.22		0.37	0.25		-0.14	0.10		0.02	0.15		0.15	0.29	
F668JV	3.26	0.13	0.29	3.03	-0.10	0.23	3.08	0.05	1.27	5.43	0.31	0.43	6.65	0.57	0.61	
		0.05	0.04		-0.05	0.06		0.02	0.17		0.23	0.12		0.42	0.20	
FWELDX	3.58	0.96	1.76	3.73	1.39	0.41	3.25	0.40	1.31	5.20	0.00	0.70	5.73	-0.67	0.54	
		0.37	0.25		0.65	0.10		0.19	0.18		0.00	0.20		-0.50	0.18	
4PWGDA	3.34	0.34		3.07	-0.01		3.19	0.28		5.29	0.12		6.64	0.54		
		0.13	0.00		-0.01	0.00		0.13	0.00		0.09	0.00		0.41	0.00	
XLBLAF	2.99	-0.58		3.21	0.28		4.79	3.74		5.50	0.41		6.45	0.29		
		-0.22	0.00		0.13	0.00		1.73	0.00		0.30	0.00		0.22	0.00	
3N2CJA	2.31	-2.37	0.95	2.78	-0.64	0.53	2.67	-0.85	0.41	3.88	-1.79	1.97	4.79	-1.92	0.60	
		-0.91	0.13		-0.30	0.13		-0.39	0.05		-1.32	0.56		-1.44	0.19	
KN9DZT	2.88	-0.88	1.37	3.12	0.08	0.80	3.00	-0.14	1.28	4.82	-0.52	2.47	6.23	0.00	1.41	
		-0.34	0.19		0.04	0.19		-0.06	0.17		-0.38	0.70		0.00	0.46	
TPMZPJ	3.25	0.10	0.86	4.22	2.42	1.50	3.07	0.03	1.05	6.25	1.43	0.43	7.40	1.57	1.29	
		0.04	0.12		1.14	0.36		0.01	0.14		1.05	0.12		1.17	0.42	
NT8YFL	1.91	-3.41		3.03	-0.12		1.66	-3.03		2.47	-3.72		4.41	-2.44		
		-1.31	0.00		-0.06	0.00		-1.40	0.00		-2.74	0.00		-1.82	0.00	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Q77MKK</b>	<b>3.01</b>	-0.53		<b>3.08</b>	0.00		<b>2.91</b>	-0.33		<b>5.22</b>	0.03		<b>5.96</b>	-0.36	
		-0.20	0.00		0.00	0.00		-0.15	0.00		0.02	0.00		-0.27	0.00
<b>WN9D4A</b>	<b>37.19</b>	88.60		<b>32.31</b>	62.32		<b>30.51</b>	59.44		<b>53.95</b>	66.34		<b>71.00</b>	86.78	
		33.98	0.00		29.23	0.00		27.45	0.00		48.75	0.00		64.77	0.00
<b>Grand Median</b>		3.21			3.08			3.06			5.20			6.23	
<b>Median Abs Dev</b>		0.13			0.18			0.15			0.23			0.41	
<b>Avg Within Lab SD</b>		0.14			0.24			0.13			0.28			0.33	
<b>Labs Included</b>		21			21			21			21			21	
<b>Labs Reporting</b>		21			21			21			21			21	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mg - sp (SubTestCode 106)	in the Salinity Property Groups															Data units: mmol/L
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
NRW8AP	1.41	0.70	0.37	1.17	-0.57	1.15	1.23	0.45	0.11	4.42	0.48	0.68	4.71	0.11	1.12	
		0.12	0.03		-0.08	0.11		0.10	0.01		0.29	0.20		0.05	0.33	
C47NEY	1.59	1.74	1.99	1.06	-1.38	1.18	1.24	0.51	2.89	3.91	-0.37	2.34	4.66	0.00	1.55	
		0.30	0.16		-0.19	0.11		0.11	0.18		-0.22	0.67		0.00	0.45	
VJYMAG	1.26	-0.17	1.19	1.32	0.47	0.86	1.04	-0.40	0.77	4.03	-0.16	0.76	4.44	-0.43	0.97	
		-0.03	0.10		0.07	0.08		-0.09	0.05		-0.10	0.22		-0.21	0.29	
4RZ3B8	1.45	0.89	2.25	1.58	2.32	2.76	1.30	0.76	2.51	4.13	0.00	1.49	5.02	0.74	2.89	
		0.16	0.18		0.33	0.27		0.17	0.16		0.00	0.43		0.36	0.85	
C4PRLY	1.16	-0.77	0.14	1.09	-1.11	0.12	1.00	-0.59		3.84	-0.48	0.04	4.25	-0.83		
		-0.13	0.01		-0.16	0.01		-0.13	0.00		-0.29	0.01		-0.41	0.00	
8NA3L2	1.37	0.43	0.90	1.25	0.00	0.28	1.19	0.26	0.49	4.52	0.64	0.39	4.76	0.22	0.64	
		0.08	0.07		0.00	0.03		0.06	0.03		0.39	0.11		0.11	0.19	
382E77	1.27	-0.12	0.76	1.32	0.52	0.12	0.99	-0.62	0.52	4.30	0.28	0.03	4.64	-0.03	0.26	
		-0.02	0.06		0.07	0.01		-0.14	0.03		0.17	0.01		-0.02	0.08	
4XQDK7	1.28	-0.07	0.43	1.08	-1.23	0.16	1.20	0.33	0.09	3.33	-1.34	0.07	4.37	-0.59	0.06	
		-0.01	0.03		-0.17	0.02		0.07	0.01		-0.80	0.02		-0.29	0.02	
32WJM7	1.57	1.58	0.72	1.27	0.12	0.60	1.37	1.08	0.93	4.13	0.01	0.53	5.37	1.46	0.20	
		0.28	0.06		0.02	0.06		0.24	0.06		0.00	0.15		0.71	0.06	
QUDDLH	1.53	1.37		1.29	0.28		1.40	1.23		4.58	0.75		4.65	-0.01		
		0.24	0.00		0.04	0.00		0.27	0.00		0.45	0.00		-0.01	0.00	
2Y8W7C	1.39	0.56	0.63	1.27	0.16	0.18	1.07	-0.27	0.46	4.00	-0.21	0.04	4.17	-0.99	0.02	
		0.10	0.05		0.02	0.02		-0.06	0.03		-0.13	0.01		-0.48	0.00	
QV4LLK	1.29	0.00	1.98	1.26	0.04	1.75	0.97	-0.75	0.54	3.89	-0.41	1.77	4.28	-0.78	1.97	
		0.00	0.16		0.01	0.17		-0.16	0.03		-0.24	0.51		-0.38	0.58	
F668JV	1.32	0.15	0.44	1.14	-0.78	0.28	1.08	-0.23	0.90	4.46	0.56	0.41	4.69	0.07	0.61	
		0.03	0.04		-0.11	0.03		-0.05	0.06		0.33	0.12		0.03	0.18	
FWELDX	1.39	0.57	1.07	1.43	1.28	0.10	1.13	0.00	0.74	4.12	-0.02	0.44	4.24	-0.86	0.44	
		0.10	0.09		0.18	0.01		0.00	0.05		-0.01	0.13		-0.42	0.13	
4PWGDA	1.49	1.14		1.25	0.01		1.20	0.33		4.63	0.84		5.22	1.16		
		0.20	0.00		0.00	0.00		0.07	0.00		0.50	0.00		0.56	0.00	
XLBLAF	1.28	-0.07		1.24	-0.07		1.75	2.82		4.58	0.75		4.69	0.07		
		-0.01	0.00		-0.01	0.00		0.62	0.00		0.45	0.00		0.03	0.00	
3N2CJA	1.19	-0.57	1.10	1.22	-0.22	0.52	0.97	-0.72	0.31	3.21	-1.54	1.55	3.71	-1.94	0.51	
		-0.10	0.09		-0.03	0.05		-0.16	0.02		-0.92	0.45		-0.94	0.15	
KN9DZT	1.24	-0.30	1.11	1.21	-0.28	0.81	1.12	-0.06	0.92	4.01	-0.19	2.40	4.78	0.26	1.67	
		-0.05	0.09		-0.04	0.08		-0.01	0.06		-0.12	0.69		0.12	0.49	
TPMZPJ	1.28	-0.05	0.47	1.59	2.44	2.31	1.16	0.14	1.26	4.75	1.03	0.41	5.10	0.92	0.17	
		-0.01	0.04		0.34	0.22		0.03	0.08		0.62	0.12		0.45	0.05	
NT8YFL	0.79	-2.91		1.18	-0.53		0.60	-2.41		2.05	-3.48		3.43	-2.53		
		-0.51	0.00		-0.08	0.00		-0.53	0.00		-2.09	0.00		-1.23	0.00	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Q77MKK</b>	<b>1.29</b>	-0.01	0.00	<b>1.20</b>	-0.35	0.00	<b>1.08</b>	-0.23	0.00	<b>4.50</b>	0.62	0.00	<b>4.73</b>	0.15	0.00
<b>WN9D4A</b>	<b>2.40</b>	6.38	0.00	<b>2.20</b>	6.74	0.00	<b>1.70</b>	2.59	0.00	<b>10.10</b>	9.96	0.00	<b>11.60</b>	14.28	0.00
		1.11	0.00		0.95	0.00		0.57	0.00		5.97	0.00		6.94	0.00
<b>Grand Median</b>		1.29			1.25			1.13			4.13			4.66	
<b>Median Abs Dev</b>		0.10			0.07			0.10			0.29			0.29	
<b>Avg Within Lab SD</b>		0.08			0.10			0.06			0.29			0.29	
<b>Labs Included</b>		21			21			21			21			21	
<b>Labs Reporting</b>		21			21			21			21			21	





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Na - sp (SubTestCode 107)	in the Salinity Property Groups															Data units: mmolc/L
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
NRW8AP	<b>0.78</b>	1.10	1.44	<b>0.96</b>	0.33	0.86	<b>0.63</b>	2.90	4.02	<b>1.17</b>	4.77	3.72	<b>0.41</b>	1.84	2.58	
		0.20	0.09		0.07	0.07		0.28	0.23		0.97	0.57		0.16	0.13	
C47NEY	<b>1.31</b>	4.01	0.89	<b>0.83</b>	-0.34	1.22	<b>0.35</b>	0.00	1.04	<b>0.20</b>	0.01	0.55	<b>0.27</b>	0.17	1.26	
		0.73	0.06		-0.07	0.10		0.00	0.06		0.00	0.08		0.01	0.06	
VJYMAG	<b>0.61</b>	0.16	0.69	<b>1.00</b>	0.51	0.55	<b>0.36</b>	0.12	0.44	<b>0.70</b>	2.45	1.03	<b>0.23</b>	-0.22	0.50	
		0.03	0.04		0.10	0.04		0.01	0.03		0.50	0.16		-0.02	0.03	
4RZ3B8	<b>0.49</b>	-0.48	2.81	<b>0.71</b>	-0.93	1.74	<b>0.24</b>	-1.21	0.62	<b>0.14</b>	-0.26	0.53	<b>0.16</b>	-1.06	0.40	
		-0.09	0.18		-0.19	0.14		-0.11	0.04		-0.05	0.08		-0.09	0.02	
C4PRLY	<b>0.52</b>	-0.33	0.00	<b>0.83</b>	-0.33	0.00	<b>0.30</b>	-0.54	0.00	<b>0.16</b>	-0.16	0.08	<b>0.25</b>	0.03	0.11	
		-0.06	0.00		-0.07	0.00		-0.05	0.00		-0.03	0.01		0.00	0.01	
8NA3L2	<b>0.56</b>	-0.11	0.57	<b>0.83</b>	-0.31	0.07	<b>0.37</b>	0.16	0.74	<b>0.23</b>	0.15	0.10	<b>0.32</b>	0.77	0.23	
		-0.02	0.04		-0.06	0.01		0.02	0.04		0.03	0.02		0.07	0.01	
382E77	<b>0.97</b>	2.15	1.20	<b>1.21</b>	1.54	2.06	<b>0.57</b>	2.30	1.06	<b>0.59</b>	1.93	0.90	<b>0.50</b>	2.87	2.70	
		0.39	0.08		0.31	0.16		0.22	0.06		0.39	0.14		0.25	0.14	
4XQDK7	<b>0.56</b>	-0.11	0.00	<b>0.82</b>	-0.36	0.15	<b>0.34</b>	-0.12	0.00	<b>0.15</b>	-0.21	0.04	<b>0.25</b>	-0.01		
		-0.02	0.00		-0.07	0.01		-0.01	0.00		-0.04	0.01		0.00	0.00	
32WJM7	<b>0.70</b>	0.65	0.00	<b>1.03</b>	0.68	0.73	<b>0.40</b>	0.51	0.00	<b>0.27</b>	0.34	0.38	<b>0.30</b>	0.58	0.00	
		0.12	0.00		0.14	0.06		0.05	0.00		0.07	0.06		0.05	0.00	
QUDDLH	<b>0.73</b>	0.82		<b>0.89</b>	-0.03		<b>0.40</b>	0.51		<b>0.22</b>	0.11		<b>0.25</b>	-0.01		
		0.15	0.00		-0.01	0.00		0.05	0.00		0.02	0.00		0.00	0.00	
2Y8W7C	<b>0.63</b>	0.26	0.21	<b>0.93</b>	0.18	0.31	<b>0.36</b>	0.12	0.68	<b>0.17</b>	-0.13	0.07	<b>0.25</b>	-0.01	0.18	
		0.05	0.01		0.04	0.02		0.01	0.04		-0.03	0.01		0.00	0.01	
QV4LLK	<b>0.58</b>	0.00	2.24	<b>0.90</b>	0.00	2.29	<b>0.30</b>	-0.51	0.79	<b>0.15</b>	-0.22	0.31	<b>0.25</b>	0.00	1.32	
		0.00	0.14		0.00	0.18		-0.05	0.04		-0.05	0.05		0.00	0.07	
F668JV	<b>0.58</b>	-0.02	0.09	<b>0.86</b>	-0.17	0.19	<b>0.33</b>	-0.23	0.18	<b>0.20</b>	0.00	0.48	<b>0.25</b>	-0.05	0.11	
		0.00	0.01		-0.03	0.02		-0.02	0.01		0.00	0.07		0.00	0.01	
FWELDX	<b>0.53</b>	-0.26	1.51	<b>0.94</b>	0.20	0.15	<b>0.28</b>	-0.72	0.37				<b>0.23</b>	-0.24		
		-0.05	0.09		0.04	0.01		-0.07	0.02					-0.02	0.00	
4PWGDA	<b>0.68</b>	0.56		<b>1.00</b>	0.51		<b>0.41</b>	0.60		<b>0.36</b>	0.60		<b>0.36</b>	1.24		
		0.10	0.00		0.10	0.00		0.06	0.00		0.06	0.00		0.11	0.00	
XLBLAF	<b>0.68</b>	0.54		<b>1.04</b>	0.71		<b>0.52</b>	1.78		<b>0.28</b>	1.78		<b>0.28</b>	0.34		
		0.10	0.00		0.14	0.00		0.17	0.00		0.17	0.00		0.03	0.00	
3N2CJA	<b>0.50</b>	-0.46	0.60	<b>0.68</b>	-1.09	0.30	<b>0.29</b>	-0.61	0.06	<b>0.14</b>	-0.28	0.11	<b>0.22</b>	-0.41	0.25	
		-0.08	0.04		-0.22	0.02		-0.06	0.00		-0.06	0.02		-0.03	0.01	
KN9DZT	<b>0.50</b>	-0.44	0.48	<b>0.83</b>	-0.31	1.17	<b>0.30</b>	-0.58	0.45				<b>0.25</b>	-0.01		
		-0.08	0.03		-0.06	0.09		-0.05	0.03					0.00	0.00	
TPMZPJ	<b>0.49</b>	-0.51	0.33	<b>0.99</b>	0.46	1.95	<b>0.34</b>	-0.12	0.18	<b>0.19</b>	-0.03	0.41	<b>0.41</b>	1.86	1.77	
		-0.09	0.02		0.09	0.15		-0.01	0.01		-0.01	0.06		0.16	0.09	
NT8YFL	<b>0.77</b>	1.04		<b>1.93</b>	5.13		<b>0.37</b>	0.20		<b>0.21</b>	0.07		<b>0.41</b>	1.86		
		0.19	0.00		1.03	0.00		0.02	0.00		0.01	0.00		0.16	0.00	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Q77MKK</b>	<b>0.55</b>	-0.17		<b>0.89</b>	-0.03		<b>0.32</b>	-0.33		<b>0.13</b>	-0.33		<b>0.20</b>	-0.59	
		-0.03	0.00		-0.01	0.00		-0.03	0.00		-0.07	0.00		-0.05	0.00
<b>WN9D4A</b>	<b>5.10</b>	24.70		<b>2.90</b>	9.94		<b>1.70</b>	14.21		<b>0.40</b>	1.00		<b>3.60</b>	39.10	
		4.52	0.00		2.00	0.00		1.35	0.00		0.20	0.00		3.35	0.00
<b>Grand Median</b>		0.58			0.90			0.35			0.20			0.25	
<b>Median Abs Dev</b>		0.08			0.07			0.05			0.04			0.03	
<b>Avg Within Lab SD</b>		0.06			0.08			0.06			0.15			0.05	
<b>Labs Included</b>		21			21			21			17			21	
<b>Labs Reporting</b>		21			21			21			17			21	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

SAR - sp (SubTestCode 108)	in the Salinity Property Groups															Data units: value
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
NRW8AP	<b>0.51</b>	0.20	1.66	<b>0.66</b>	0.00	0.14	<b>0.41</b>	1.61	3.84	<b>0.53</b>	3.32	3.08	<b>0.18</b>	0.45	1.16	
		0.04	0.06		0.00	0.01		0.15	0.15		0.43	0.25		0.06	0.06	
C47NEY	<b>0.83</b>	1.87	1.34	<b>0.61</b>	-0.23	0.19	<b>0.24</b>	-0.23	0.81	<b>0.10</b>	-0.01	0.49	<b>0.11</b>	0.00	0.43	
		0.36	0.05		-0.05	0.02		-0.02	0.03		0.00	0.04		0.00	0.02	
VJYMAG	<b>0.41</b>	-0.33	0.53	<b>0.66</b>	0.00	0.27	<b>0.26</b>	0.00	0.45	<b>0.32</b>	1.74	0.83	<b>0.10</b>	-0.10	0.19	
		-0.06	0.02		0.00	0.02		0.00	0.02		0.23	0.07		-0.01	0.01	
4RZ3B8	<b>0.32</b>	-0.78	2.92	<b>0.43</b>	-1.11	1.01	<b>0.15</b>	-1.14	0.37	<b>0.07</b>	-0.25	0.47	<b>0.07</b>	-0.36	0.06	
		-0.15	0.11		-0.23	0.09		-0.11	0.01		-0.03	0.04		-0.05	0.00	
8NA3L2	<b>0.37</b>	-0.50	0.64	<b>0.57</b>	-0.46	0.13	<b>0.25</b>	-0.11	0.68	<b>0.10</b>	0.04	0.14	<b>0.14</b>	0.17	0.11	
		-0.10	0.03		-0.10	0.01		-0.01	0.03		0.01	0.01		0.02	0.01	
382E77	<b>0.65</b>	0.94	1.59	<b>0.76</b>	0.47	1.22	<b>0.41</b>	1.58	1.30	<b>0.27</b>	1.31	0.83	<b>0.21</b>	0.68	0.96	
		0.18	0.06		0.10	0.11		0.15	0.05		0.17	0.07		0.09	0.05	
32WJM7	<b>0.50</b>	0.16	0.00	<b>0.73</b>	0.34	0.67	<b>0.30</b>	0.43	0.00	<b>0.10</b>	0.02	0.00	<b>0.10</b>	-0.10	0.00	
		0.03	0.00		0.07	0.06		0.04	0.00		0.00	0.00		-0.01	0.00	
QUDDLH	<b>0.47</b>	0.00	0.00	<b>0.61</b>	-0.25	0.00	<b>0.26</b>	0.00	0.00	<b>0.10</b>	0.02	0.00	<b>0.11</b>	-0.03	0.00	
		-0.30	0.15		-0.05	0.00		0.00	0.68		0.00	0.00		0.00	0.00	
2Y8W7C	<b>0.41</b>	-0.06	0.01	<b>0.62</b>	-0.19	0.18	<b>0.26</b>	0.00	0.03	<b>0.08</b>	-0.11	0.07	<b>0.11</b>	-0.01	0.11	
		-0.06	0.00		-0.04	0.02		0.00	0.00		-0.01	0.01		0.00	0.01	
F668JV	<b>0.38</b>	-0.47	0.00	<b>0.60</b>	-0.30	0.20	<b>0.23</b>	-0.32	0.00	<b>0.09</b>	-0.06	0.43	<b>0.10</b>	-0.10	0.00	
		-0.09	0.00		-0.06	0.02		-0.03	0.00		-0.01	0.03		-0.01	0.00	
FWELDX	<b>0.33</b>	-0.71	1.06	<b>0.59</b>	-0.37	0.07	<b>0.19</b>	-0.76	0.26		-0.01	0.03	<b>0.10</b>	-0.10	0.00	
		-0.14	0.04		-0.08	0.01		-0.07	0.01					-0.01	0.00	
4PWGDA	<b>0.44</b>	-0.16	0.00	<b>0.68</b>	0.08	0.00	<b>0.28</b>	0.22	0.00		0.02	0.00	<b>0.15</b>	0.26	0.00	
		-0.03	0.00		0.02	0.00		0.02	0.00		0.02	0.00		0.04	0.00	
XLBLAF	<b>0.47</b>	0.00	0.00	<b>0.70</b>	0.18	0.00	<b>0.29</b>	0.32	0.00				<b>0.12</b>	0.04	0.00	
		0.00	0.00		0.04	0.00		0.03	0.00					0.01	0.00	
3N2CJA	<b>0.38</b>	-0.49	0.39	<b>0.48</b>	-0.88	0.20	<b>0.22</b>	-0.43	0.00	<b>0.07</b>	-0.19	0.05	<b>0.10</b>	-0.08	0.11	
		-0.09	0.02		-0.18	0.02		-0.04	0.00		-0.02	0.00		-0.01	0.01	
KN9DZT	<b>0.34</b>	-0.66	0.59	<b>0.57</b>	-0.46	0.53	<b>0.20</b>	-0.61	0.39				<b>0.10</b>	-0.10	0.00	
		-0.13	0.02		-0.10	0.05		-0.06	0.02					-0.01	0.00	
TPMZPJ	<b>0.73</b>	1.37	1.03	<b>1.70</b>	5.00	3.94	<b>0.50</b>	2.55	0.65	<b>0.45</b>	2.70	1.85	<b>1.02</b>	6.70	4.06	
		0.26	0.04		1.04	0.34		0.24	0.03		0.35	0.15		0.91	0.21	
NT8YFL	<b>0.47</b>	0.01	0.00	<b>0.94</b>	1.35	0.00	<b>0.25</b>	-0.13	0.00	<b>0.10</b>	0.00	0.00	<b>0.15</b>	0.25	0.00	
		0.00	0.00		0.28	0.00		-0.01	0.00		0.00	0.00		0.03	0.00	
Q77MKK	<b>0.53</b>	0.31	0.00	<b>0.86</b>	0.95	0.00	<b>0.32</b>	0.65	0.00	<b>0.08</b>	-0.14	0.00	<b>0.12</b>	0.04	0.00	
		0.06	0.00		0.20	0.00		0.06	0.00		-0.02	0.00		0.01	0.00	
WN9D4A	<b>1.15</b>	3.55	0.00	<b>0.70</b>	0.18	0.00	<b>0.42</b>	1.73	0.00	<b>0.07</b>	-0.22	0.00	<b>0.55</b>	3.21	0.00	
		0.68	0.00		0.04	0.00		0.16	0.00		-0.03	0.00		0.44	0.00	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Grand Median</b>		0.47			0.66			0.26			0.10			0.11	
<b>Median Abs Dev</b>		0.09			0.07			0.04			0.02			0.01	
<b>Avg Within Lab SD</b>		0.04			0.09			0.04			0.08			0.05	
<b>Labs Included</b>		19			19			19			15			19	
<b>Labs Reporting</b>		19			19			19			15			19	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Cl - sp (SubTestCode 109)	in the Salinity Property Groups															Data units: mmolc/L
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
NRW8AP	<b>0.49</b>	0.93	2.75	<b>0.48</b>	0.63	2.88	<b>0.83</b>	3.09	4.23	<b>1.22</b>	3.79	3.56	<b>0.26</b>	1.21	3.49	
		0.11	0.13		0.06	0.11		0.35	0.33		1.02	0.69		0.12	0.15	
C47NEY	<b>0.87</b>	4.15	2.28	<b>0.30</b>	-1.31	1.36	<b>0.32</b>	-1.41	0.85	<b>0.15</b>	-0.18	0.40	<b>0.10</b>	-0.42	0.78	
		0.49	0.11		-0.12	0.05		-0.16	0.07		-0.05	0.08		-0.04	0.03	
VJYMAG	<b>0.36</b>	-0.16	0.36	<b>0.40</b>	-0.20	0.42	<b>0.48</b>	0.00	0.00	<b>0.81</b>	2.26	1.31	<b>0.12</b>	-0.18	0.99	
		-0.02	0.02		-0.02	0.02		0.00	0.00		0.61	0.25		-0.02	0.04	
VAPLNG	<b>0.35</b>	-0.24	0.36	<b>0.41</b>	-0.10	1.10	<b>0.48</b>	0.00	0.37	<b>0.93</b>	2.72	2.28	<b>0.11</b>	-0.28	0.65	
		-0.03	0.02		-0.01	0.04		0.00	0.03		0.73	0.44		-0.03	0.03	
4RZ3B8	<b>0.48</b>	0.89	0.39	<b>0.58</b>	1.66	1.29	<b>0.58</b>	0.84	1.07	<b>0.29</b>	0.33	0.19	<b>0.27</b>	1.30	0.94	
		0.11	0.02		0.15	0.05		0.10	0.08		0.09	0.04		0.13	0.04	
C4PRLY	<b>0.39</b>	0.12	0.00	<b>0.45</b>	0.29	0.00	<b>0.34</b>	-1.23	0.00	<b>0.06</b>	-0.52	0.00	<b>0.14</b>	0.00	0.00	
		0.01	0.00		0.03	0.00		-0.14	0.00		-0.14	0.00		0.00	0.00	
8NA3L2	<b>0.30</b>	-0.67	0.25	<b>0.36</b>	-0.71	0.30	<b>0.42</b>	-0.53	0.13	<b>0.12</b>	-0.29	0.03	<b>0.10</b>	-0.41	0.23	
		-0.08	0.01		-0.07	0.01		-0.06	0.01		-0.08	0.01		-0.04	0.01	
382E77	<b>0.40</b>	0.23	0.75	<b>0.47</b>	0.47	0.39	<b>0.48</b>	0.00	0.13	<b>0.22</b>	0.06	0.11	<b>0.17</b>	0.34	0.53	
		0.03	0.04		0.04	0.02		0.00	0.01		0.02	0.02		0.03	0.02	
4XQDK7	<b>0.34</b>	-0.34	0.12	<b>0.41</b>	-0.14	0.26	<b>0.44</b>	-0.35	0.13	<b>0.22</b>	0.09	0.03	<b>0.20</b>	0.65	0.13	
		-0.04	0.01		-0.01	0.01		-0.04	0.01		0.02	0.01		0.06	0.01	
32WJM7	<b>0.44</b>	0.51	1.39	<b>0.49</b>	0.72	1.29	<b>0.57</b>	0.79	0.26	<b>0.26</b>	0.22	0.32	<b>0.18</b>	0.38	0.48	
		0.06	0.07		0.07	0.05		0.09	0.02		0.06	0.06		0.04	0.02	
2Y8W7C	<b>0.43</b>	0.47	0.18	<b>0.45</b>	0.30	0.29	<b>0.55</b>	0.64	0.75	<b>0.15</b>	-0.19	0.03	<b>0.13</b>	-0.11	0.30	
		0.06	0.01		0.03	0.01		0.07	0.06		-0.05	0.01		-0.01	0.01	
QV4LLK	<b>0.34</b>	-0.32	1.27	<b>0.39</b>	-0.35	1.05	<b>0.48</b>	0.01	0.38	<b>0.13</b>	-0.27	0.14	<b>0.11</b>	-0.29	0.51	
		-0.04	0.06		-0.03	0.04		0.00	0.03		-0.07	0.03		-0.03	0.02	
F668JV	<b>0.34</b>	-0.31	0.56	<b>0.41</b>	-0.14	0.26	<b>0.48</b>	-0.03	0.20	<b>0.13</b>	-0.25	0.03	<b>0.12</b>	-0.17	0.13	
		-0.04	0.03		-0.01	0.01		0.00	0.02		-0.07	0.01		-0.02	0.01	
FWELDX				<b>0.58</b>	1.63	0.55	<b>0.59</b>	0.97	0.39							
					0.15	0.02		0.11	0.03							
4PWGDA	<b>0.43</b>	0.42		<b>0.48</b>	0.58		<b>0.57</b>	0.77		<b>0.18</b>	-0.06		<b>0.21</b>	0.74		
		0.05	0.00		0.05	0.00		0.09	0.00		-0.02	0.00		0.07	0.00	
XLBLAF	<b>0.30</b>	-0.64		<b>0.37</b>	-0.57		<b>0.56</b>	0.70		<b>0.16</b>	-0.15					
		-0.08	0.00		-0.05	0.00		0.08	0.00		-0.04	0.00				
3N2CJA	<b>0.29</b>	-0.76	0.52	<b>0.34</b>	-0.93	0.72	<b>0.45</b>	-0.30	0.07	<b>0.09</b>	-0.40	0.10	<b>0.08</b>	-0.62	0.07	
		-0.09	0.02		-0.09	0.03		-0.03	0.01		-0.11	0.02		-0.06	0.00	
		-0.83	0.69		-0.86	0.76		-0.17	0.08		-0.37	0.04		-0.68	0.08	
		-0.10	0.03		-0.08	0.03		-0.02	0.01		-0.10	0.01		-0.07	0.00	
KN9DZT				<b>0.58</b>	1.68		<b>0.67</b>	1.63	0.83							
					0.16	0.00		0.19	0.06							
TPMZPJ	<b>0.49</b>	0.93	0.89	<b>0.56</b>	1.51	1.81	<b>0.51</b>	0.26	0.23	<b>0.27</b>	0.25	0.21	<b>0.28</b>	1.40	1.71	
		0.11	0.04		0.14	0.07		0.03	0.02		0.07	0.04		0.14	0.07	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>79GV44</b>	<b>0.36</b>	-0.12	0.90	<b>0.43</b>	0.03	0.98	<b>0.41</b>	-0.58	0.61	<b>0.24</b>	0.17	0.12	<b>0.18</b>	0.45	0.23
		-0.01	0.04		0.00	0.04		-0.07	0.05		0.04	0.02		0.04	0.01
<b>Q77MKK</b>	<b>0.43</b>	0.45		<b>0.42</b>	-0.03		<b>0.42</b>	-0.53		<b>0.45</b>	0.93		<b>0.45</b>	3.19	
		0.05	0.00		0.00	0.00		-0.06	0.00		0.25	0.00		0.31	0.00
<b>Grand Median</b>		0.38			0.42			0.48			0.20			0.14	
<b>Median Abs Dev</b>		0.05			0.05			0.06			0.07			0.04	
<b>Avg Within Lab SD</b>		0.05			0.04			0.08			0.19			0.04	
<b>Labs Included</b>		20			22			22			20			19	
<b>Labs Reporting</b>		20			22			22			20			19	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

SO4 - sp (SubTestCode 110)	in the Salinity Property Groups														Data units: mmol/L
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
NRW8AP	<b>1.00</b>	0.65	0.49	<b>0.88</b>	0.41	0.15	<b>0.69</b>	0.82	0.46	<b>0.60</b>	0.79	0.31	<b>0.44</b>	0.03	0.00
		0.15	0.04		0.07	0.01		0.09	0.03		0.10	0.01		0.00	0.00
C47NEY	<b>1.86</b>	4.30	3.52	<b>0.76</b>	-0.28	0.33	<b>0.71</b>	1.03	3.81	<b>0.59</b>	0.71	2.49	<b>0.51</b>	0.60	0.93
		1.02	0.28		-0.05	0.02		0.11	0.23		0.09	0.12		0.08	0.06
VJYMAG	<b>0.81</b>	-0.16	0.41	<b>0.90</b>	0.53	0.91	<b>0.60</b>	-0.03	0.20	<b>0.47</b>	-0.25	0.26	<b>0.36</b>	-0.59	0.18
		-0.04	0.03		0.10	0.07		0.00	0.01		-0.03	0.01		-0.07	0.01
VAPLNG	<b>0.82</b>	-0.10	0.81	<b>0.95</b>	0.80	0.87	<b>0.63</b>	0.29	0.19	<b>0.57</b>	0.52	1.56	<b>0.45</b>	0.12	1.25
		-0.02	0.06		0.14	0.06		0.03	0.01		0.07	0.07		0.02	0.08
4RZ3B8	<b>1.00</b>	0.66	1.01	<b>0.99</b>	1.00	1.43	<b>0.70</b>	0.90	1.08	<b>0.56</b>	0.45	0.94	<b>0.53</b>	0.75	0.68
		0.16	0.08		0.18	0.11		0.10	0.06		0.06	0.04		0.09	0.05
C4PRLY	<b>0.79</b>	-0.22	0.00	<b>0.75</b>	-0.32		<b>0.50</b>	-0.94		<b>0.50</b>	-0.03		<b>0.46</b>	0.19	0.00
		-0.05	0.00		-0.06	0.00		-0.10	0.00		0.00	0.00		0.02	0.00
8NA3L2	<b>0.66</b>	-0.76	0.07	<b>0.55</b>	-1.45	0.21	<b>0.45</b>	-1.38	0.10	<b>0.33</b>	-1.38	0.21	<b>0.28</b>	-1.26	0.09
		-0.18	0.01		-0.26	0.02		-0.15	0.01		-0.17	0.01		-0.16	0.01
382E77	<b>0.89</b>	0.18	0.51	<b>0.96</b>	0.87	0.99	<b>0.63</b>	0.24	0.26	<b>0.56</b>	0.42	0.45	<b>0.53</b>	0.75	1.68
		0.04	0.04		0.16	0.07		0.03	0.02		0.05	0.02		0.09	0.11
4XQDK7	<b>0.97</b>	0.53	0.00	<b>0.80</b>	-0.02	0.21	<b>0.59</b>	-0.13	0.77	<b>0.59</b>	0.72	0.66	<b>0.42</b>	-0.10	0.52
		0.13	0.00		0.00	0.02		-0.01	0.05		0.09	0.03		-0.01	0.04
32WJM7	<b>0.97</b>	0.53	0.58	<b>0.86</b>	0.31	0.67	<b>0.64</b>	0.34	0.26	<b>0.51</b>	0.03	0.33	<b>0.46</b>	0.17	0.09
		0.13	0.05		0.06	0.05		0.04	0.02		0.00	0.02		0.02	0.01
2Y8W7C	<b>0.97</b>	0.55	0.08	<b>0.81</b>	0.02	0.20	<b>0.60</b>	0.03	0.81	<b>0.53</b>	0.19	0.98	<b>0.43</b>	-0.03	0.45
		0.13	0.01		0.00	0.01		0.00	0.05		0.02	0.05		0.00	0.03
QV4LLK	<b>0.75</b>	-0.38	0.49	<b>0.64</b>	-0.92	0.54	<b>0.50</b>	-0.91	0.20	<b>0.38</b>	-1.01	0.47	<b>0.34</b>	-0.74	0.52
		-0.09	0.04		-0.17	0.04		-0.10	0.01		-0.13	0.02		-0.09	0.04
8QG8D6	<b>2.57</b>	7.27	0.74	<b>3.08</b>	12.65	1.84	<b>2.41</b>	16.98	0.89	<b>1.97</b>	11.62	2.87	<b>1.17</b>	5.85	1.03
		1.72	0.06		2.28	0.13		1.81	0.05		1.46	0.13		0.74	0.07
F668JV	<b>0.85</b>	0.01	1.45	<b>0.72</b>	-0.46	0.75	<b>0.57</b>	-0.32	0.19	<b>0.47</b>	-0.24	0.25	<b>0.43</b>	-0.07	0.17
		0.00	0.11		-0.08	0.06		-0.03	0.01		-0.03	0.01		-0.01	0.01
FWELDX	<b>0.98</b>	0.58	1.44	<b>1.02</b>	1.17	0.77	<b>0.64</b>	0.37	0.89	<b>0.69</b>	1.48	0.37	<b>0.52</b>	0.67	0.26
		0.14	0.11		0.21	0.06		0.04	0.05		0.19	0.02		0.08	0.02
4PWGDA	<b>0.98</b>	0.57		<b>0.83</b>	0.11		<b>0.64</b>	0.36		<b>0.56</b>	0.47		<b>0.55</b>	0.89	
		0.14	0.00		0.02	0.00		0.04	0.00		0.06	0.00		0.11	0.00
XLBLAF	<b>0.84</b>	-0.01		<b>0.69</b>	-0.65		<b>0.73</b>	1.21		<b>0.39</b>	-0.90		<b>0.37</b>	-0.52	
		0.00	0.00		-0.12	0.00		0.13	0.00		-0.11	0.00		-0.07	0.00
3N2CJA	<b>0.58</b>	-1.10	0.27	<b>0.54</b>	-1.47	0.57	<b>0.47</b>	-1.19	0.13	<b>0.27</b>	-1.85	1.27	<b>0.23</b>	-1.65	0.08
		-0.26	0.02		-0.27	0.04		-0.13	0.01		-0.23	0.06		-0.21	0.01
KN9DZT	<b>0.79</b>	-0.22	0.44	<b>0.66</b>	-0.82	0.85	<b>0.53</b>	-0.66	0.77	<b>0.32</b>	-1.43	0.45	<b>0.35</b>	-0.65	0.31
		-0.05	0.03		-0.15	0.06		-0.07	0.05		-0.18	0.02		-0.08	0.02
TPMZPJ	<b>0.59</b>	-1.08	0.51	<b>1.01</b>	1.13	3.49	<b>0.49</b>	-1.01	1.08	<b>0.50</b>	-0.05	2.52	<b>0.80</b>	2.86	3.65
		-0.26	0.04		0.20	0.26		-0.11	0.06		-0.01	0.12		0.36	0.25



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Q77MKK</b>	<b>0.64</b>	-0.86	0.00	<b>0.67</b>	-0.76	0.00	<b>0.46</b>	-1.32	0.00	<b>0.43</b>	-0.58	0.00	<b>0.33</b>	-0.84	0.00
<b>Grand Median</b>	0.84			0.81			0.60			0.50			0.44		
<b>Median Abs Dev</b>	0.13			0.13			0.08			0.07			0.08		
<b>Avg Within Lab SD</b>	0.08			0.07			0.06			0.05			0.07		
<b>Labs Included</b>	20			20			20			20			20		
<b>Labs Reporting</b>	20			20			20			20			20		





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

NO3 - sp (SubTestCode 111)	in the Salinity Property Groups															Data units: mmolc/L
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>NRW8AP</b>	<b>4.39</b>	0.01	0.53	<b>2.77</b>	-0.56	2.10	<b>4.49</b>	0.38	0.13	<b>5.88</b>	-0.43	1.82	<b>11.03</b>	-0.04	0.90	
		0.01	0.12		-0.79	0.58		0.28	0.03		-0.97	0.79		-0.08	0.50	
<b>VJYMAG</b>	<b>4.63</b>	0.28	1.22	<b>4.11</b>	0.39	0.87	<b>3.98</b>	-0.29	1.67	<b>7.62</b>	0.34	0.99	<b>11.56</b>	0.24	1.55	
		0.24	0.27		0.54	0.24		-0.22	0.40		0.77	0.43		0.45	0.87	
<b>4RZ3B8</b>	<b>4.91</b>	0.60	1.83	<b>4.72</b>	0.82	2.85	<b>4.66</b>	0.60	1.97	<b>8.68</b>	0.82	1.20	<b>12.33</b>	0.64	3.13	
		0.52	0.40		1.16	0.79		0.45	0.48		1.84	0.52		1.22	1.75	
<b>C4PRLY</b>	<b>4.06</b>	-0.38	0.00	<b>2.34</b>	-0.87	0.00	<b>3.29</b>	-1.21	0.00	<b>5.52</b>	-0.59	0.00	<b>10.40</b>	-0.37	0.00	
		-0.33	0.00		-1.23	0.00		-0.91	0.00		-1.33	0.00		-0.71	0.00	
<b>8NA3L2</b>	<b>1.56</b>	-3.28	0.43	<b>1.16</b>	-1.71	0.16	<b>1.80</b>	-3.19	0.22	<b>2.32</b>	-2.03	0.30	<b>5.19</b>	-3.11	0.46	
		-2.83	0.10		-2.40	0.05		-2.40	0.05		-4.53	0.13		-5.92	0.26	
<b>382E77</b>	<b>5.01</b>	0.72	1.04	<b>4.75</b>	0.84	0.14	<b>4.47</b>	0.36	0.59	<b>9.25</b>	1.08	0.29	<b>12.60</b>	0.78	0.48	
		0.62	0.23		1.18	0.04		0.27	0.14		2.41	0.13		1.49	0.27	
<b>2Y8W7C</b>	<b>4.54</b>	0.17	1.00	<b>3.75</b>	0.13	0.18	<b>4.35</b>	0.20	1.68	<b>7.20</b>	0.16	0.51	<b>10.29</b>	-0.43	0.36	
		0.15	0.22		0.19	0.05		0.15	0.41		0.35	0.22		-0.82	0.20	
<b>QV4LLK</b>	<b>4.68</b>	0.34	1.38	<b>4.15</b>	0.42	0.72	<b>4.15</b>	-0.07	1.66	<b>8.21</b>	0.61	1.07	<b>12.07</b>	0.50	1.35	
		0.29	0.30		0.59	0.20		-0.05	0.40		1.36	0.46		0.96	0.75	
<b>F668JV</b>	<b>3.83</b>	-0.64	0.98	<b>2.45</b>	-0.79	0.31	<b>4.26</b>	0.07	0.27	<b>5.00</b>	-0.83	0.33	<b>12.27</b>	0.61	0.32	
		-0.56	0.21		-1.11	0.09		0.05	0.07		-1.84	0.14		1.16	0.18	
<b>FWELDX</b>	<b>4.77</b>	0.44	1.76	<b>4.74</b>	0.84	0.62	<b>4.51</b>	0.41	0.73	<b>8.38</b>	0.69	0.37	<b>12.17</b>	0.56	0.48	
		0.38	0.39		1.18	0.17		0.31	0.18		1.54	0.16		1.06	0.27	
<b>4PWGDA</b>	<b>4.47</b>	0.10	0.00	<b>3.02</b>	-0.39	0.00	<b>3.72</b>	-0.64	0.00	<b>6.50</b>	-0.16	0.00	<b>11.07</b>	-0.02	0.00	
		0.09	0.00		-0.54	0.00		-0.48	0.00		-0.35	0.00		-0.04	0.00	
<b>XLBLAF</b>	<b>2.63</b>	-2.04	0.00	<b>1.53</b>	-1.45	0.00	<b>5.31</b>	1.47	0.00	<b>4.51</b>	-1.05	0.00	<b>9.14</b>	-1.03	0.00	
		-1.76	0.00		-2.04	0.00		1.11	0.00		-2.34	0.00		-1.97	0.00	
<b>3N2CJA</b>	<b>3.84</b>	-0.63	0.72	<b>3.38</b>	-0.13	1.12	<b>3.93</b>	-0.36	0.31	<b>6.11</b>	-0.33	2.84	<b>9.06</b>	-1.08	0.42	
		-0.54	0.16		-0.19	0.31		-0.27	0.08		-0.74	1.23		-2.05	0.23	
<b>KN9DZT</b>	<b>3.50</b>	-1.03	1.08	<b>2.55</b>	-0.72	0.49	<b>4.49</b>	0.38	1.51	<b>4.71</b>	-0.96	0.63	<b>11.43</b>	0.17	0.27	
		-0.89	0.24		-1.02	0.13		0.29	0.36		-2.13	0.27		0.32	0.15	
<b>TPMZPJ</b>	<b>4.28</b>	-0.12	0.98	<b>3.97</b>	0.29	0.29	<b>3.61</b>	-0.79	0.65	<b>7.36</b>	0.23	0.11	<b>8.82</b>	-1.20	0.14	
		-0.11	0.22		0.40	0.08		-0.60	0.16		0.52	0.05		-2.29	0.08	
<b>Q77MKK</b>	<b>4.38</b>	-0.01	0.00	<b>4.17</b>	0.43	0.00	<b>3.92</b>	-0.37	0.00	<b>7.96</b>	0.50	0.00	<b>11.15</b>	0.02	0.00	
		-0.01	0.00		0.60	0.00		-0.28	0.00		1.11	0.00		0.04	0.00	
<b>Grand Median</b>	<b>4.39</b>			<b>3.57</b>			<b>4.20</b>			<b>6.85</b>			<b>11.1</b>			
<b>Median Abs Dev</b>	<b>0.36</b>			<b>0.90</b>			<b>0.29</b>			<b>1.34</b>			<b>1.0</b>			
<b>Avg Within Lab SD</b>	<b>0.22</b>			<b>0.28</b>			<b>0.24</b>			<b>0.43</b>			<b>0.6</b>			
<b>Labs Included</b>	<b>16</b>			<b>16</b>			<b>16</b>			<b>16</b>			<b>16</b>			
<b>Labs Reporting</b>	<b>16</b>			<b>16</b>			<b>16</b>			<b>16</b>			<b>16</b>			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

B - sp (SubTestCode 112)	in the Salinity Property Groups															Data units: mg/L
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
NRW8AP	<b>0.09</b>	0.04	0.38	<b>0.10</b>	-0.25	0.09	<b>0.09</b>	0.08	0.21	<b>0.11</b>	-0.31	0.15	<b>0.11</b>	0.02	0.14	
		0.00	0.01		-0.01	0.00		0.00	0.00		-0.01	0.00		0.00	0.00	
VJYMAG	<b>0.07</b>	-0.61	1.44	<b>0.11</b>	-0.06	0.89	<b>0.08</b>	-0.46	0.87	<b>0.12</b>	0.45	0.81	<b>0.10</b>	-0.25	0.79	
		-0.02	0.02		0.00	0.02		-0.01	0.02		0.01	0.02		-0.01	0.02	
4RZ3B8	<b>0.10</b>	0.53	0.68	<b>0.13</b>	0.36	0.43	<b>0.10</b>	0.17	0.72	<b>0.11</b>	-0.05	0.19	<b>0.12</b>	0.20	0.23	
		0.01	0.01		0.02	0.01		0.00	0.02		0.00	0.01		0.01	0.01	
C4PRLY	<b>0.07</b>	-0.57	0.00	<b>0.10</b>	-0.35	0.00	<b>0.08</b>	-0.48	0.00	<b>0.09</b>	-1.09	0.00	<b>0.10</b>	-0.30	0.00	
		-0.02	0.00		-0.01	0.00		-0.01	0.00		-0.02	0.00		-0.01	0.00	
382E77	<b>0.10</b>	0.56	0.49	<b>0.13</b>	0.47	0.22	<b>0.09</b>	-0.03	0.10	<b>0.12</b>	0.05	0.23	<b>0.11</b>	-0.02	0.34	
		0.02	0.01		0.02	0.01		0.00	0.00		0.00	0.01		0.00	0.01	
4XQDK7	<b>0.08</b>	-0.27	0.20	<b>0.06</b>	-1.24	0.09	<b>0.07</b>	-0.82	0.38	<b>0.07</b>	-2.08	0.21	<b>0.08</b>	-0.84	0.28	
		-0.01	0.00		-0.05	0.00		-0.02	0.01		-0.05	0.01		-0.03	0.01	
32WJM7	<b>0.14</b>	1.89	0.39	<b>0.16</b>	1.15	0.25	<b>0.12</b>	1.21	0.27	<b>0.12</b>	0.24	0.00	<b>0.13</b>	0.51	0.23	
		0.05	0.01		0.05	0.01		0.03	0.01		0.01	0.00		0.02	0.01	
2Y8W7C	<b>0.08</b>	-0.04	0.20	<b>0.12</b>	0.02	0.19	<b>0.09</b>	-0.05	0.22	<b>0.11</b>	-0.13	0.05	<b>0.11</b>	-0.07	0.12	
		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00	
8QG8D6	<b>0.11</b>	1.08	2.87	<b>0.17</b>	1.25	3.18	<b>0.15</b>	2.21	3.19	<b>0.12</b>	0.31	3.34	<b>0.17</b>	1.91	3.29	
		0.03	0.04		0.05	0.07		0.06	0.07		0.01	0.10		0.06	0.08	
F668JV	<b>0.08</b>	-0.20	0.75	<b>0.11</b>	-0.02	0.32	<b>0.09</b>	0.03	0.31	<b>0.12</b>	0.38	0.16	<b>0.11</b>	0.07	0.35	
		-0.01	0.01		0.00	0.01		0.00	0.01		0.01	0.01		0.00	0.01	
TPMZPJ	<b>0.10</b>	0.62	0.22	<b>0.21</b>	2.34	0.81	<b>0.12</b>	0.92	0.37	<b>0.16</b>	1.91	0.18	<b>0.21</b>	3.01	0.35	
		0.02	0.00		0.10	0.02		0.02	0.01		0.04	0.01		0.10	0.01	
Q77MKK	<b>0.04</b>	-1.68	0.00	<b>0.09</b>	-0.59	0.00	<b>0.05</b>	-1.65	0.00	<b>0.09</b>	-1.09	0.00	<b>0.08</b>	-0.91	0.00	
		-0.05	0.00		-0.02	0.00		-0.04	0.00		-0.02	0.00		-0.03	0.00	
<b>Grand Median</b>		0.086			0.11			0.09			0.11			0.11		
<b>Median Abs Dev</b>		0.015			0.02			0.01			0.01			0.01		
<b>Avg Within Lab SD</b>		0.015			0.02			0.02			0.03			0.02		
<b>Labs Included</b>		12			12			12			12			12		
<b>Labs Reporting</b>		12			12			12			12			12		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Soil EC (1:1) (SubTestCode 113)			in the Soil pH & EC Property Groups												Data units: dS/m	
SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515				
6WAFT7	<b>0.23</b>	0.48	0.41	<b>0.30</b>	-0.23	0.00	<b>0.22</b>	0.23	0.00	<b>0.46</b>	0.72	0.00	<b>0.65</b>	0.59	0.39	
		0.03	0.01		-0.02	0.00		0.02	0.00		0.08	0.00		0.07	0.01	
C47NEY	<b>0.24</b>	0.60	0.54	<b>0.38</b>	0.60	1.12	<b>0.26</b>	0.67	0.52	<b>0.43</b>	0.40	0.21	<b>0.63</b>	0.45	1.01	
		0.04	0.01		0.05	0.03		0.05	0.01		0.04	0.01		0.05	0.03	
7WA3K4	<b>0.21</b>	0.17	0.00	<b>0.36</b>	0.38	0.00	<b>0.15</b>	-0.69	0.00	<b>0.40</b>	0.19	0.31	<b>0.57</b>	-0.04	0.25	
		0.01	0.00		0.03	0.00		-0.05	0.00		0.02	0.01		0.00	0.01	
VJYMAG	<b>0.25</b>	0.73	0.51	<b>0.32</b>	-0.06	0.35	<b>0.23</b>	0.37	0.95	<b>0.49</b>	0.95	0.44	<b>0.58</b>	0.00	0.56	
		0.05	0.01		-0.01	0.01		0.03	0.01		0.10	0.01		0.00	0.02	
4RZ3B8	<b>0.17</b>	-0.48	0.41	<b>0.34</b>	0.17	0.21	<b>0.26</b>	0.69	0.60	<b>0.36</b>	-0.20	0.41	<b>0.63</b>	0.45	0.34	
		-0.03	0.01		0.02	0.01		0.06	0.01		-0.02	0.01		0.05	0.01	
C4PRLY	<b>0.25</b>	0.72		<b>0.27</b>	-0.60	0.43	<b>0.21</b>	0.11	0.00	<b>0.42</b>	0.35	0.00	<b>0.52</b>	-0.47	0.00	
		0.05	0.00		-0.05	0.01		0.01	0.00		0.04	0.00		-0.06	0.00	
477W66	<b>0.11</b>	-1.34	0.41	<b>0.14</b>	-1.97	0.43	<b>0.11</b>	-1.20	0.60	<b>0.22</b>	-1.46	0.47	<b>0.27</b>	-2.52	0.39	
		-0.09	0.01		-0.18	0.01		-0.09	0.01		-0.16	0.01		-0.30	0.01	
Q4YHTG	<b>0.16</b>	-0.62	0.41	<b>0.26</b>	-0.68	0.00	<b>0.11</b>	-1.20	0.60	<b>0.27</b>	-1.00	0.24	<b>0.46</b>	-0.97	0.34	
		-0.04	0.01		-0.06	0.00		-0.09	0.01		-0.11	0.01		-0.12	0.01	
CE8C7V	<b>0.13</b>	-1.04	2.22	<b>0.15</b>	-1.85	1.45	<b>0.08</b>	-1.51	1.04	<b>0.17</b>	-1.94	0.82	<b>0.18</b>	-3.31	0.52	
		-0.07	0.03		-0.17	0.04		-0.12	0.01		-0.21	0.02		-0.40	0.02	
DZKJUJ	<b>0.15</b>	-0.67	0.41	<b>0.21</b>	-1.27	0.21	<b>0.10</b>	-1.24	0.60	<b>0.45</b>	0.60	0.24	<b>0.51</b>	-0.55	0.34	
		-0.05	0.01		-0.11	0.01		-0.10	0.01		0.06	0.01		-0.07	0.01	
JR9FBN	<b>0.13</b>	-0.97	0.27	<b>0.40</b>	0.93	0.36	<b>0.09</b>	-1.42	1.18	<b>0.39</b>	0.06	1.17	<b>0.65</b>	0.60	0.12	
		-0.07	0.00		0.08	0.01		-0.11	0.01		0.01	0.03		0.07	0.00	
382E77	<b>0.27</b>	0.99	0.34	<b>0.33</b>	0.14	0.17	<b>0.20</b>	0.02	1.21	<b>0.26</b>	-1.09	1.67	<b>0.72</b>	1.16	0.20	
		0.07	0.00		0.01	0.00		0.00	0.01		-0.12	0.04		0.14	0.01	
QUDDLH	<b>0.21</b>	0.19	0.82	<b>0.33</b>	0.06	0.56	<b>0.30</b>	1.24	1.04	<b>0.36</b>	-0.20	0.41	<b>0.59</b>	0.11	0.59	
		0.01	0.01		0.01	0.02		0.10	0.01		-0.02	0.01		0.01	0.02	
CQF2X6	<b>0.40</b>	2.87	0.00	<b>0.40</b>	0.87	0.00	<b>0.30</b>	1.24	0.00	<b>0.50</b>	1.09		<b>0.70</b>	1.03	0.00	
		0.20	0.00		0.08	0.00		0.10	0.00		0.12	0.00		0.12	0.00	
BL7NF7	<b>0.21</b>	0.20	0.46	<b>0.29</b>	-0.40	0.13	<b>0.26</b>	0.76	1.02	<b>0.38</b>	-0.06	0.68	<b>0.58</b>	0.00	0.70	
		0.01	0.01		-0.04	0.00		0.06	0.01		-0.01	0.02		0.00	0.02	
WR44BL	<b>0.17</b>	-0.47	0.04	<b>0.25</b>	-0.81	0.00	<b>0.17</b>	-0.42	0.00	<b>0.30</b>	-0.80	0.00	<b>0.51</b>	-0.53	0.00	
		-0.03	0.00		-0.07	0.00		-0.03	0.00		-0.09	0.00		-0.06	0.00	
2Y8W7C	<b>0.24</b>	0.53	0.41	<b>0.30</b>	-0.20	0.21	<b>0.21</b>	0.11	0.00	<b>0.50</b>	1.06	0.24	<b>0.62</b>	0.39	0.20	
		0.04	0.01		-0.02	0.01		0.01	0.00		0.11	0.01		0.05	0.01	
Y3EFFF	<b>0.18</b>	-0.24	0.41	<b>0.37</b>	0.54	0.00	<b>0.16</b>	-0.52	0.00	<b>0.42</b>	0.35	0.00	<b>0.59</b>	0.11	0.00	
		-0.02	0.01		0.05	0.00		-0.04	0.00		0.04	0.00		0.01	0.00	
RKW4MM	<b>0.10</b>	-1.43	0.00	<b>0.40</b>	0.87	0.00	<b>0.10</b>	-1.28	0.00	<b>0.33</b>	-0.45	2.37	<b>0.63</b>	0.47	1.95	
		-0.10	0.00		0.08	0.00		-0.10	0.00		-0.05	0.06		0.06	0.06	
PAPEWM	<b>0.20</b>	0.00	0.00	<b>0.50</b>	1.98	3.69	<b>0.20</b>	-0.02	0.00	<b>0.37</b>	-0.14	2.37	<b>0.57</b>	-0.08	1.95	
		0.00	0.00		0.18	0.10		0.00	0.00		-0.02	0.06		-0.01	0.06	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>XKF48E</b>	<b>0.17</b>	-0.48	4.08	<b>0.20</b>	-1.34	0.00	<b>0.20</b>	-0.02	0.00	<b>0.33</b>	-0.45	2.37	<b>0.43</b>	-1.19	1.95
		-0.03	0.06		-0.12	0.00		0.00	0.00		-0.05	0.06		-0.14	0.06
<b>F668JV</b>	<b>0.14</b>	-0.86	0.00	<b>0.34</b>	0.21	0.74	<b>0.22</b>	0.23	0.00	<b>0.58</b>	1.83	0.41	<b>0.43</b>	-1.19	1.28
		-0.06	0.00		0.02	0.02		0.02	0.00		0.20	0.01		-0.14	0.04
<b>TPMZPJ</b>	<b>0.18</b>	-0.28	1.12	<b>0.33</b>	0.11	0.42	<b>0.14</b>	-0.81	2.89	<b>0.37</b>	-0.14	0.21	<b>0.53</b>	-0.38	0.26
		-0.02	0.02		0.01	0.01		-0.06	0.03		-0.02	0.01		-0.05	0.01
<b>79GV44</b>	<b>0.22</b>	0.32	0.58	<b>0.31</b>	-0.12	0.73	<b>0.21</b>	0.14	0.84	<b>0.51</b>	1.13	0.21	<b>0.63</b>	0.43	1.91
		0.02	0.01		-0.01	0.02		0.01	0.01		0.12	0.01		0.05	0.06
<b>6YCNP4</b>	<b>0.20</b>	0.00	0.00	<b>0.31</b>	-0.12	2.58	<b>0.12</b>	-1.03	2.74	<b>0.34</b>	-0.42	1.55	<b>0.54</b>	-0.27	2.44
		0.00	0.00		-0.01	0.07		-0.08	0.03		-0.05	0.04		-0.03	0.07
<b>ALBLDW</b>	<b>0.26</b>	0.88	0.11	<b>0.41</b>	1.00	0.10	<b>0.23</b>	0.35	0.89	<b>0.43</b>	0.45	0.36	<b>0.61</b>	0.25	0.12
		0.06	0.00		0.09	0.00		0.03	0.01		0.05	0.01		0.03	0.00
<b>Grand Median</b>		0.20			0.32			0.20			0.38			0.58	
<b>Median Abs Dev</b>		0.04			0.05			0.05			0.05			0.06	
<b>Avg Within Lab SD</b>		0.01			0.03			0.01			0.02			0.03	
<b>Labs Included</b>		26			26			26			26			26	
<b>Labs Reporting</b>		26			26			26			26			26	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Soil EC (1:2) (SubTestCode 114)			in the Soil pH & EC Property Groups												Data units: dS/m		
SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515					
C47NEY	<b>0.14</b>	0.39	1.32	<b>0.20</b>	0.66	0.99	<b>0.14</b>	0.57	1.42	<b>0.24</b>	-0.08	0.06	<b>0.38</b>	1.04	0.99		
		0.02	0.01		0.03	0.02		0.02	0.01		-0.01	0.02		0.08	0.02		
VJYMAG	<b>0.16</b>	1.03	0.70	<b>0.19</b>	0.34	0.20	<b>0.16</b>	1.23	0.87	<b>0.27</b>	0.22	0.02	<b>0.33</b>	0.35	0.15		
		0.04	0.01		0.02	0.00		0.04	0.01		0.03	0.00		0.03	0.00		
C4PRLY	<b>0.13</b>	0.31	0.66	<b>0.15</b>	-0.31	0.37	<b>0.13</b>	0.29	0.71	<b>0.25</b>	0.00	0.02	<b>0.26</b>	-0.55	0.27		
		0.01	0.01		-0.02	0.01		0.01	0.01		0.00	0.01		-0.04	0.01		
CE8C7V	<b>0.08</b>	-0.97	2.38	<b>0.13</b>	-0.76	0.65	<b>0.08</b>	-1.01	1.23	<b>0.17</b>	-0.66	0.08	<b>0.18</b>	-1.56	0.73		
		-0.04	0.02		-0.04	0.01		-0.04	0.01		-0.08	0.02		-0.12	0.02		
KQWZGM	<b>0.11</b>	-0.18	0.35	<b>0.15</b>	-0.45	0.17	<b>0.10</b>	-0.41	0.26	<b>0.98</b>	6.27	5.09	<b>0.30</b>	-0.02	0.28		
		-0.01	0.00		-0.02	0.00		-0.01	0.00		0.73	1.26		0.00	0.01		
382E77	<b>0.14</b>	0.51	0.29	<b>0.17</b>	0.09	0.16	<b>0.12</b>	0.18	0.04	<b>0.28</b>	0.26	0.03	<b>0.32</b>	0.27	0.32		
		0.02	0.00		0.00	0.00		0.01	0.00		0.03	0.01		0.02	0.01		
G6NDG2	<b>0.12</b>	0.03	0.17	<b>0.15</b>	-0.33	0.04	<b>0.11</b>	-0.30	0.07	<b>0.24</b>	-0.03	0.01	<b>0.30</b>	0.00	0.05		
		0.00	0.00		-0.02	0.00		-0.01	0.00		0.00	0.00		0.00	0.00		
UB76AM	<b>0.12</b>	-0.03	1.14	<b>0.13</b>	-0.82	0.37	<b>0.12</b>	0.01	0.71	<b>0.17</b>	-0.66	0.00	<b>0.26</b>	-0.51	0.48		
		0.00	0.01		-0.04	0.01		0.00	0.01		-0.08	0.00		-0.04	0.01		
3D69EG	<b>0.09</b>	-0.72	0.66	<b>0.26</b>	1.76	0.00	<b>0.11</b>	-0.08	0.71	<b>0.22</b>	-0.25	0.02	<b>0.34</b>	0.46	0.27		
		-0.03	0.01		0.09	0.00		0.00	0.01		-0.03	0.01		0.04	0.01		
4C4V8E	<b>0.15</b>	0.82	0.66	<b>0.18</b>	0.15	0.99	<b>0.16</b>	1.31	0.71	<b>0.26</b>	0.09	0.02	<b>0.37</b>	0.92	1.80		
		0.03	0.01		0.01	0.02		0.05	0.01		0.01	0.01		0.07	0.04		
2Y8W7C	<b>0.12</b>	-0.03	0.00	<b>0.15</b>	-0.37	0.00	<b>0.11</b>	-0.18	0.00	<b>0.24</b>	-0.02	0.02	<b>0.29</b>	-0.09	0.27		
		0.00	0.00		-0.02	0.00		-0.01	0.00		0.00	0.01		-0.01	0.01		
B28ZB7	<b>0.15</b>	0.64	0.23	<b>0.19</b>	0.33	0.21	<b>0.12</b>	-0.01	1.07	<b>0.31</b>	0.52	0.05	<b>0.33</b>	0.42	0.15		
		0.03	0.00		0.02	0.00		0.00	0.01		0.06	0.01		0.03	0.00		
89DUG9	<b>0.26</b>	3.63	0.80	<b>0.34</b>	3.33	0.11	<b>0.28</b>	4.60	0.28	<b>0.57</b>	2.81	0.00	<b>0.67</b>	4.59	0.20		
		0.14	0.01		0.17	0.00		0.17	0.00		0.33	0.00		0.36	0.00		
CZ7M44	<b>0.11</b>	-0.38	0.24	<b>0.17</b>	0.00	0.98	<b>0.10</b>	-0.33	0.84	<b>0.22</b>	-0.22	0.03	<b>0.29</b>	-0.11	1.01		
		-0.02	0.00		0.00	0.02		-0.01	0.01		-0.03	0.01		-0.01	0.02		
CW7B84	<b>0.10</b>	-0.55	0.00	<b>0.20</b>	0.60	0.00	<b>0.20</b>	2.33	0.00	<b>0.20</b>	-0.40	0.00	<b>0.30</b>	-0.01	0.00		
		-0.02	0.00		0.03	0.00		0.08	0.00		-0.05	0.00		0.00	0.00		
HMD97T	<b>0.12</b>	0.04	0.00	<b>0.16</b>	-0.13	0.10	<b>0.11</b>	-0.16	0.40	<b>0.26</b>	0.11	0.00	<b>0.33</b>	0.39	0.10		
		0.00	0.00		-0.01	0.00		-0.01	0.00		0.01	0.00		0.03	0.00		
F668JV	<b>0.10</b>	-0.55	0.00	<b>0.24</b>	1.31	0.37	<b>0.13</b>	0.47	0.71	<b>0.37</b>	1.07	0.00	<b>0.25</b>	-0.64	0.48		
		-0.02	0.00		0.07	0.01		0.02	0.01		0.12	0.00		-0.05	0.01		
FWELDX	<b>0.16</b>	1.06	0.92	<b>0.21</b>	0.71	0.23	<b>0.14</b>	0.55	0.33	<b>0.30</b>	0.45	0.03	<b>0.32</b>	0.26	0.31		
		0.04	0.01		0.04	0.00		0.02	0.00		0.05	0.01		0.02	0.01		
4PWGDA	<b>0.08</b>	-1.13		<b>0.11</b>	-1.19		<b>0.10</b>	-0.34		<b>0.12</b>	-1.06		<b>0.28</b>	-0.31			
		-0.04	0.00		-0.06	0.00		-0.01	0.00		-0.12	0.00		-0.02	0.00		
KN9DZT	<b>0.14</b>	0.54	0.96	<b>0.17</b>	-0.02	0.45	<b>0.12</b>	0.16	0.44	<b>0.27</b>	0.19	0.03	<b>0.33</b>	0.39	0.32		
		0.02	0.01		0.00	0.01		0.01	0.00		0.02	0.01		0.03	0.01		



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>B63RJ3</b>	<b>0.09</b>	-0.72	2.38	<b>0.18</b>	0.21	4.53	<b>0.09</b>	-0.64	3.56	<b>0.20</b>	-0.43	0.23	<b>0.28</b>	-0.30	3.34
<b>79GV44</b>	<b>0.12</b>	-0.03	0.02	<b>0.15</b>	0.01	0.07	<b>0.11</b>	-0.02	0.03	<b>0.25</b>	-0.05	0.06	<b>0.30</b>	-0.02	0.07
<b>TAEMVG</b>	<b>0.09</b>	-0.05	0.24	<b>0.11</b>	-0.40	0.42	<b>0.11</b>	-0.05	0.07	<b>0.15</b>	0.00	0.01	<b>0.22</b>	0.00	0.65
<b>HNU6YT</b>	<b>0.12</b>	0.00	0.00	<b>0.09</b>	-0.02	0.01	<b>0.11</b>	0.00	0.00	<b>0.26</b>	0.00	0.00	<b>0.32</b>	0.00	0.01
<b>Q77MKG</b>	<b>0.09</b>	-0.89	2.38	<b>0.11</b>	-1.21	0.75	<b>0.11</b>	-0.27	1.88	<b>0.18</b>	-0.80	0.06	<b>0.28</b>	-1.05	2.14
<b>P43R2G</b>	<b>0.13</b>	-0.03	0.02	<b>0.17</b>	-0.06	0.01	<b>0.12</b>	-0.01	0.02	<b>0.20</b>	-0.09	0.02	<b>0.30</b>	-0.08	0.05
		-0.03	1.14		-1.47	0.75		-0.27	0.71		-0.54	0.06		-1.26	1.71
		0.00	0.01		-0.08	0.01		-0.01	0.01		-0.06	0.02		-0.10	0.04
		2.01			0.60			1.77			0.12			1.76	
		0.08	0.00		0.03	0.00		0.06	0.00		0.01	0.00		0.14	0.00
		0.29	0.02		0.00	0.02		0.03	0.05		0.27	0.00		0.29	0.05
		0.01	0.00		0.00	0.00		0.00	0.00		0.03	0.00		0.02	0.00
<b>Grand Median</b>		0.12			0.17			0.12			0.25			0.30	
<b>Median Abs Dev</b>		0.02			0.02			0.01			0.03			0.03	
<b>Avg Within Lab SD</b>		0.01			0.02			0.01			0.25			0.02	
<b>Labs Included</b>		26			26			26			26			26	
<b>Labs Reporting</b>		26			26			26			26			26	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

pH (1:1) Water (SubTestCode 115)	in the Soil pH & EC Property Groups															Data units: Unit
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>NRW8AP</b>	<b>5.77</b>	1.05	1.08	<b>6.70</b>	0.67	1.83	<b>6.47</b>	1.31	1.04	<b>7.30</b>	0.80	0.00	<b>5.43</b>	0.59	0.93	
		0.17	0.06		0.10	0.10		0.20	0.06		0.15	0.00		0.09	0.06	
<b>6WAFT7</b>	<b>5.64</b>	0.23	0.29	<b>6.62</b>	0.11	0.38	<b>6.34</b>	0.49	0.31	<b>7.16</b>	0.04	0.33	<b>5.46</b>	0.80	0.19	
		0.04	0.02		0.02	0.02		0.08	0.02		0.01	0.02		0.12	0.01	
<b>26FBY9</b>	<b>5.60</b>	0.00	0.00	<b>6.60</b>	0.00	1.83	<b>6.27</b>	0.02	1.04	<b>7.13</b>	-0.09	0.91	<b>5.37</b>	0.14	0.93	
		0.00	0.00		0.00	0.10		0.00	0.06		-0.02	0.06		0.02	0.06	
<b>MGZK6N</b>	<b>5.70</b>	0.63	0.00	<b>6.57</b>	-0.22	1.06	<b>6.30</b>	0.24	0.00	<b>7.07</b>	-0.45	0.91	<b>5.33</b>	-0.09	0.93	
		0.10	0.00		-0.03	0.06		0.04	0.00		-0.08	0.06		-0.01	0.06	
<b>C47NEY</b>	<b>5.63</b>	0.16	0.09	<b>6.69</b>	0.60	0.18	<b>6.30</b>	0.20	0.81	<b>7.23</b>	0.43	0.32	<b>5.44</b>	0.64	0.64	
		0.03	0.01		0.09	0.01		0.03	0.05		0.08	0.02		0.09	0.04	
<b>7WA3K4</b>	<b>5.49</b>	-0.69	0.19	<b>6.51</b>	-0.60	0.00	<b>6.24</b>	-0.13	0.10	<b>7.06</b>	-0.46	0.24	<b>5.18</b>	-1.11	0.09	
		-0.11	0.01		-0.09	0.00		-0.02	0.01		-0.09	0.02		-0.16	0.01	
<b>CP6CHY</b>	<b>5.73</b>	0.84	1.08	<b>6.73</b>	0.89	1.06	<b>6.37</b>	0.66	2.74	<b>7.20</b>	0.27	0.00	<b>5.50</b>	1.05		
		0.13	0.06		0.13	0.06		0.10	0.15		0.05	0.00		0.15	0.00	
<b>VJYMAG</b>	<b>5.58</b>	-0.15	0.39	<b>6.50</b>	-0.64	0.38	<b>6.36</b>	0.64	0.75	<b>7.07</b>	-0.45	0.24	<b>5.33</b>	-0.09	0.24	
		-0.02	0.02		-0.10	0.02		0.10	0.04		-0.08	0.02		-0.01	0.02	
<b>4RZ3B8</b>	<b>5.46</b>	-0.86	0.39	<b>6.54</b>	-0.38	0.92	<b>6.16</b>	-0.64	0.10	<b>7.07</b>	-0.41	0.71	<b>5.25</b>	-0.64	0.49	
		-0.14	0.02		-0.06	0.05		-0.10	0.01		-0.08	0.05		-0.09	0.03	
<b>J7BMPT</b>	<b>5.53</b>	-0.42	1.08	<b>6.50</b>	-0.67		<b>6.07</b>	-1.26	1.04	<b>7.13</b>	-0.09	0.91	<b>5.23</b>	-0.77	0.93	
		-0.07	0.06		-0.10	0.00		-0.20	0.06		-0.02	0.06		-0.11	0.06	
<b>C4PRLY</b>	<b>5.40</b>	-1.23	0.11	<b>6.48</b>	-0.82	0.38	<b>6.27</b>	0.02	0.27	<b>6.98</b>	-0.89	0.09	<b>5.28</b>	-0.48	0.09	
		-0.20	0.01		-0.12	0.02		0.00	0.02		-0.17	0.01		-0.07	0.01	
<b>8MDKJZ</b>	<b>5.46</b>	-0.88	0.86	<b>6.59</b>	-0.07	0.18	<b>6.18</b>	-0.56	0.45	<b>7.13</b>	-0.12	0.33	<b>5.18</b>	-1.14	0.32	
		-0.14	0.05		-0.01	0.01		-0.09	0.03		-0.02	0.02		-0.17	0.02	
<b>Q4YHTG</b>	<b>5.60</b>	0.02	0.11	<b>6.69</b>	0.58	0.28	<b>6.30</b>	0.26	0.37	<b>7.24</b>	0.50	0.18	<b>5.39</b>	0.30	0.16	
		0.00	0.01		0.09	0.02		0.04	0.02		0.09	0.01		0.04	0.01	
<b>CE8C7V</b>	<b>5.54</b>	-0.38	0.32	<b>6.51</b>	-0.58	1.53	<b>6.28</b>	0.13	0.68	<b>7.18</b>	0.16	0.57	<b>5.31</b>	-0.25	1.00	
		-0.06	0.02		-0.09	0.08		0.02	0.04		0.03	0.04		-0.04	0.06	
<b>DZKJUJ</b>	<b>5.67</b>	0.42	0.54	<b>6.67</b>	0.44	0.53	<b>6.42</b>	0.99	0.52	<b>7.32</b>	0.89	0.46	<b>5.58</b>	1.62	0.46	
		0.07	0.03		0.07	0.03		0.15	0.03		0.17	0.03		0.24	0.03	
<b>KQWZGM</b>	<b>5.62</b>	0.13	1.35	<b>6.65</b>	0.31	0.56	<b>6.09</b>	-1.11	1.40	<b>7.17</b>	0.09	0.81	<b>5.31</b>	-0.25	1.21	
		0.02	0.07		0.05	0.03		-0.17	0.08		0.02	0.05		-0.04	0.08	
<b>JR9FBN</b>	<b>6.23</b>	3.98	4.87	<b>6.74</b>	0.95	1.98	<b>6.57</b>	1.97	2.33	<b>7.24</b>	0.50	1.23	<b>5.63</b>	1.96	4.74	
		0.63	0.26		0.14	0.11		0.31	0.13		0.09	0.08		0.29	0.30	
<b>382E77</b>	<b>5.23</b>	-2.30	0.47	<b>6.03</b>	-3.77	0.74	<b>5.82</b>	-2.87	1.71	<b>6.04</b>	-5.94	4.26	<b>5.32</b>	-0.16	1.45	
		-0.37	0.03		-0.57	0.04		-0.45	0.10		-1.11	0.27		-0.02	0.09	
<b>QUDDLH</b>	<b>5.77</b>	1.05	1.08	<b>6.63</b>	0.22	1.06	<b>6.30</b>	0.24	0.00	<b>7.13</b>	-0.09	0.91	<b>5.40</b>	0.36	0.00	
		0.17	0.06		0.03	0.06		0.04	0.00		-0.02	0.06		0.05	0.00	
<b>KQRJHN</b>	<b>5.44</b>	-1.03	0.39	<b>6.41</b>	-1.24	0.28	<b>6.08</b>	-1.16	0.10	<b>7.01</b>	-0.77	0.09	<b>5.17</b>	-1.23	0.09	
		-0.16	0.02		-0.19	0.02		-0.18	0.01		-0.14	0.01		-0.18	0.01	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD
<b>G9MNCZ</b>	<b>5.62</b>	0.15	0.11	<b>6.65</b>	0.33	0.48	<b>6.25</b>	-0.06	0.27	<b>7.25</b>	0.55	0.66	<b>5.34</b>	-0.07	0.40
<b>G6NDG2</b>	<b>5.50</b>	0.02	0.01	<b>6.60</b>	0.05	0.03	<b>6.17</b>	-0.01	0.02	<b>7.17</b>	0.10	0.04	<b>5.23</b>	-0.01	0.03
<b>CQF2X6</b>	<b>5.53</b>	-0.63	0.00	<b>6.57</b>	0.00	0.00	<b>6.17</b>	-0.62	1.04	<b>7.03</b>	0.09	0.91	<b>5.33</b>	-0.77	0.93
<b>KZGFYV</b>	<b>5.81</b>	-0.10	1.08	<b>6.81</b>	0.00	0.00	<b>6.41</b>	-0.10	0.06	<b>7.18</b>	0.02	0.06	<b>5.61</b>	-0.11	0.06
<b>MKUMMU</b>	<b>5.57</b>	-0.42	0.06	<b>6.54</b>	-0.22	1.06	<b>6.25</b>	-0.62	1.04	<b>7.13</b>	-0.62	0.91	<b>5.41</b>	-0.09	0.93
<b>UB76AM</b>	<b>5.66</b>	-0.07	0.00	<b>6.71</b>	-0.03	0.06	<b>6.29</b>	-0.10	0.06	<b>7.23</b>	-0.12	0.06	<b>5.40</b>	-0.01	0.06
<b>JXC9JX</b>	<b>5.58</b>	1.32	0.00	<b>6.55</b>	1.40	0.00	<b>6.06</b>	0.94	0.00	<b>6.92</b>	0.14	0.91	<b>5.35</b>	1.80	0.00
<b>44U7TF</b>	<b>5.57</b>	0.21	0.00	<b>6.62</b>	0.21	0.00	<b>6.27</b>	0.15	0.00	<b>7.23</b>	0.03	0.06	<b>5.61</b>	0.26	0.00
<b>BL7NF7</b>	<b>5.61</b>	-0.21	0.47	<b>6.65</b>	-0.38	0.69	<b>6.26</b>	-0.06	0.27	<b>7.20</b>	-0.09	0.48	<b>5.36</b>	0.45	0.82
<b>KXVCQX</b>	<b>5.65</b>	-0.03	0.03	<b>6.75</b>	-0.06	0.04	<b>6.30</b>	-0.01	0.02	<b>7.25</b>	-0.02	0.03	<b>5.42</b>	0.07	0.05
<b>WR44BL</b>	<b>5.70</b>	0.40	0.87	<b>6.70</b>	0.73	0.32	<b>6.34</b>	0.19	0.52	<b>7.28</b>	0.41	0.75	<b>5.41</b>	0.34	0.33
<b>4C4V8E</b>	<b>5.59</b>	0.06	0.05	<b>6.65</b>	0.11	0.02	<b>6.21</b>	0.03	0.03	<b>7.16</b>	0.08	0.05	<b>5.38</b>	0.05	0.02
<b>EDKTTZ</b>	<b>5.65</b>	-0.13	0.00	<b>6.65</b>	-0.33	0.00	<b>6.28</b>	-1.31	0.00	<b>7.20</b>	-1.23	0.00	<b>5.40</b>	0.02	0.00
<b>BZCGA4</b>	<b>5.72</b>	-0.02	0.00	<b>6.67</b>	-0.05	0.00	<b>6.23</b>	-0.20	0.00	<b>7.17</b>	-0.23	0.00	<b>5.39</b>	0.00	0.00
<b>GLNMZX</b>	<b>5.71</b>	-0.19	0.32	<b>6.68</b>	0.11	0.38	<b>6.36</b>	0.02	0.21	<b>7.25</b>	0.43	0.16	<b>5.49</b>	1.82	0.33
<b>V9WEKJ</b>	<b>5.52</b>	-0.03	0.02	<b>6.58</b>	0.02	0.02	<b>6.25</b>	0.00	0.01	<b>7.12</b>	0.08	0.01	<b>5.30</b>	0.27	0.02
<b>2Y8W7C</b>	<b>5.57</b>	0.04	0.84	<b>6.58</b>	0.33	0.80	<b>6.25</b>	0.00	0.55	<b>7.20</b>	0.29	0.40	<b>5.28</b>	0.07	0.19
<b>LDGEMR</b>	<b>5.28</b>	0.01	0.05	<b>6.67</b>	0.05	0.04	<b>6.23</b>	0.00	0.03	<b>7.17</b>	0.05	0.03	<b>5.28</b>	0.01	0.01
<b>Y3EFFF</b>	<b>5.68</b>	0.29	0.11	<b>6.75</b>	0.98	0.11	<b>6.30</b>	0.24	0.18	<b>7.25</b>	0.52	0.18	<b>5.42</b>	0.50	0.16
<b>89DUG9</b>	<b>5.50</b>	0.05	0.01	<b>6.70</b>	0.15	0.01	<b>6.34</b>	0.04	0.01	<b>7.28</b>	0.10	0.01	<b>5.41</b>	0.07	0.01
<b>RKW4MM</b>	<b>5.70</b>	0.63	0.00	<b>6.70</b>	0.67	0.00	<b>6.34</b>	0.49	0.00	<b>7.28</b>	0.70	0.00	<b>5.41</b>	0.43	0.00
<b>4F7V8B</b>	<b>5.57</b>	0.10	0.00	<b>6.65</b>	0.10	0.00	<b>6.21</b>	0.08	0.00	<b>7.16</b>	0.13	0.00	<b>5.38</b>	0.06	0.00
		-0.04	0.84	<b>6.65</b>	0.31	0.21	<b>6.21</b>	-0.32	0.10	<b>7.16</b>	0.07	0.46	<b>5.38</b>	0.25	1.02
		-0.01	0.05	<b>6.65</b>	0.05	0.01	<b>6.28</b>	-0.05	0.01	<b>7.20</b>	0.01	0.03	<b>5.40</b>	0.04	0.06
		0.31	0.82	<b>6.65</b>	0.31	0.92	<b>6.28</b>	0.11	1.29	<b>7.20</b>	0.29	0.78	<b>5.40</b>	0.34	0.65
		0.05	0.04	<b>6.65</b>	0.05	0.05	<b>6.28</b>	0.02	0.07	<b>7.20</b>	0.05	0.05	<b>5.40</b>	0.05	0.04
		0.75	0.19	<b>6.67</b>	0.47	2.40	<b>6.23</b>	-0.21	0.90	<b>7.17</b>	0.11	0.63	<b>5.39</b>	0.32	0.61
		0.12	0.01	<b>6.67</b>	0.07	0.13	<b>6.23</b>	-0.03	0.05	<b>7.17</b>	0.02	0.04	<b>5.39</b>	0.05	0.04
		0.71	0.22	<b>6.68</b>	0.53	0.18	<b>6.36</b>	0.62	0.18	<b>7.25</b>	0.55	0.09	<b>5.49</b>	0.98	0.16
		0.11	0.01	<b>6.68</b>	0.08	0.01	<b>6.36</b>	0.10	0.01	<b>7.25</b>	0.10	0.01	<b>5.49</b>	0.14	0.01
		-0.52	0.11	<b>6.58</b>	-0.13	0.00	<b>6.25</b>	-0.06	0.10	<b>7.12</b>	-0.14	0.09	<b>5.30</b>	-0.30	0.09
		-0.08	0.01	<b>6.58</b>	-0.02	0.00	<b>6.25</b>	-0.01	0.01	<b>7.12</b>	-0.03	0.01	<b>5.30</b>	-0.04	0.01
		-0.17	1.25	<b>6.48</b>	-0.82	0.38	<b>6.25</b>	-0.11	0.55	<b>6.91</b>	-1.30	0.40	<b>5.28</b>	-0.43	0.37
		-0.03	0.07	<b>6.48</b>	-0.12	0.02	<b>6.25</b>	-0.02	0.03	<b>6.91</b>	-0.24	0.03	<b>5.28</b>	-0.06	0.02
		-1.99	0.94	<b>6.44</b>	-1.04	1.04	<b>5.92</b>	-2.23	0.45	<b>6.85</b>	-1.61	0.82	<b>5.28</b>	-0.45	0.58
		-0.32	0.05	<b>6.44</b>	-0.16	0.06	<b>5.92</b>	-0.35	0.03	<b>6.85</b>	-0.30	0.05	<b>5.28</b>	-0.07	0.04
		0.52	0.47	<b>6.70</b>	0.67	0.32	<b>6.36</b>	0.64	0.37	<b>7.31</b>	0.87	0.18	<b>5.42</b>	0.52	0.09
		0.08	0.03	<b>6.70</b>	0.10	0.02	<b>6.36</b>	0.10	0.02	<b>7.31</b>	0.16	0.01	<b>5.42</b>	0.08	0.01
		-0.61	0.29	<b>6.42</b>	-1.22	0.53	<b>6.11</b>	-0.96	0.21	<b>6.96</b>	-1.02	0.27	<b>5.38</b>	0.23	0.28
		-0.10	0.02	<b>6.42</b>	-0.18	0.03	<b>6.11</b>	-0.15	0.01	<b>6.96</b>	-0.19	0.02	<b>5.38</b>	0.03	0.02
		0.63	0.00	<b>6.57</b>	-0.22	1.06	<b>6.33</b>	0.45	1.04	<b>7.03</b>	-0.62	0.91	<b>5.30</b>	-0.32	1.60
		0.10	0.00	<b>6.57</b>	-0.03	0.06	<b>6.33</b>	0.07	0.06	<b>7.03</b>	-0.12	0.06	<b>5.30</b>	-0.05	0.10
		-0.17	0.29	<b>6.63</b>	0.20	0.00	<b>6.25</b>	-0.09	0.18	<b>7.24</b>	0.50	0.18	<b>5.33</b>	-0.11	0.00
		-0.03	0.02	<b>6.63</b>	0.03	0.00	<b>6.25</b>	-0.01	0.01	<b>7.24</b>	0.09	0.01	<b>5.33</b>	-0.02	0.00





## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>HMD97T</b>	<b>5.57</b>	-0.19	0.19	<b>6.60</b>	0.00	0.18	<b>6.28</b>	0.13	0.10	<b>7.09</b>	-0.30	0.18	<b>5.30</b>	-0.30	1.18
<b>7L7UV7</b>	<b>5.98</b>	-0.03	0.01	<b>7.20</b>	4.02	0.53	<b>5.55</b>	-4.58	0.18	<b>6.49</b>	-3.52	1.27	<b>6.32</b>	-0.04	0.07
<b>PAPEWM</b>	<b>5.60</b>	0.38	0.06	<b>6.63</b>	0.22	1.06	<b>6.30</b>	0.24	0.00	<b>7.30</b>	0.80	0.00	<b>5.40</b>	0.36	0.00
<b>XKF48E</b>	<b>5.63</b>	0.00	0.00	<b>6.63</b>	0.03	0.06	<b>6.27</b>	0.02	1.04	<b>7.20</b>	0.27	0.00	<b>5.37</b>	0.14	0.93
<b>F668JV</b>	<b>6.26</b>	0.21	1.08	<b>6.63</b>	0.03	0.06	<b>6.27</b>	0.00	0.06	<b>7.20</b>	0.05	0.00	<b>5.37</b>	0.02	0.06
<b>B63RJ3</b>	<b>5.50</b>	4.14	0.65	<b>6.91</b>	2.09	0.38	<b>6.75</b>	3.15	1.71	<b>7.34</b>	1.00	1.05	<b>5.71</b>	2.48	0.73
<b>F7ZQLX</b>	<b>5.61</b>	0.66	0.03	<b>6.91</b>	0.31	0.02	<b>6.75</b>	0.49	0.10	<b>7.34</b>	0.19	0.07	<b>5.71</b>	0.36	0.05
<b>TPMZPJ</b>	<b>5.55</b>	-0.63	0.00	<b>6.63</b>	0.22	2.12	<b>6.20</b>	-0.41	0.00	<b>7.10</b>	-0.27	1.58	<b>5.30</b>	-0.32	1.60
<b>YH7DHA</b>	<b>5.53</b>	-0.10	0.00	<b>6.63</b>	0.03	0.12	<b>6.20</b>	-0.06	0.00	<b>7.10</b>	-0.05	0.10	<b>5.30</b>	-0.05	0.10
<b>79GV44</b>	<b>5.46</b>	0.06	0.50	<b>6.58</b>	-0.13	0.32	<b>6.26</b>	-0.02	0.47	<b>7.18</b>	0.14	0.24	<b>5.32</b>	-0.20	0.19
<b>TAEMVG</b>	<b>5.54</b>	0.01	0.03	<b>6.58</b>	-0.02	0.02	<b>6.26</b>	0.00	0.03	<b>7.18</b>	0.03	0.02	<b>5.32</b>	-0.03	0.01
<b>6YCNP4</b>	<b>5.56</b>	-0.33	0.22	<b>6.59</b>	-0.07	0.37	<b>6.22</b>	-0.30	1.57	<b>7.14</b>	-0.05	0.82	<b>5.29</b>	-0.39	0.32
<b>HNU6YT</b>	<b>5.62</b>	-0.05	0.01	<b>6.59</b>	-0.01	0.02	<b>6.22</b>	-0.05	0.09	<b>7.14</b>	-0.01	0.05	<b>5.29</b>	-0.06	0.02
<b>ALBLDW</b>	<b>5.58</b>	-0.46	1.27	<b>6.48</b>	-0.82	0.38	<b>6.23</b>	-0.24	0.27	<b>7.08</b>	-0.36	0.09	<b>5.21</b>	-0.91	0.52
<b>PN7ACJ</b>	<b>5.77</b>	-0.07	0.07	<b>6.48</b>	-0.12	0.02	<b>6.23</b>	-0.04	0.02	<b>7.08</b>	-0.07	0.01	<b>5.21</b>	-0.13	0.03
		-0.86	0.22	<b>6.07</b>	-3.51	3.58	<b>5.89</b>	-2.38	2.55	<b>6.40</b>	-4.02	4.22	<b>5.42</b>	0.48	3.03
		-0.14	0.01	<b>6.07</b>	-0.53	0.20	<b>5.89</b>	-0.37	0.14	<b>6.40</b>	-0.75	0.27	<b>5.42</b>	0.07	0.19
		-0.40	1.14	<b>6.54</b>	-0.42	1.66	<b>6.20</b>	-0.41	0.72	<b>7.15</b>	0.00	0.63	<b>5.30</b>	-0.34	0.52
		-0.06	0.06	<b>6.54</b>	-0.06	0.09	<b>6.20</b>	-0.06	0.04	<b>7.15</b>	0.00	0.04	<b>5.30</b>	-0.05	0.03
		-0.25	1.12	<b>6.56</b>	-0.29	0.59	<b>6.25</b>	-0.09	1.18	<b>7.03</b>	-0.66	0.18	<b>5.32</b>	-0.16	0.24
		-0.04	0.06	<b>6.56</b>	-0.04	0.03	<b>6.25</b>	-0.01	0.07	<b>7.03</b>	-0.12	0.01	<b>5.32</b>	-0.02	0.02
		0.15	1.43	<b>6.65</b>	0.31	1.07	<b>6.28</b>	0.13	0.55	<b>7.24</b>	0.50	0.75	<b>5.35</b>	0.00	1.16
		0.02	0.08	<b>6.65</b>	0.05	0.06	<b>6.28</b>	0.02	0.03	<b>7.24</b>	0.09	0.05	<b>5.35</b>	0.00	0.07
		-0.13	0.19	<b>6.52</b>	-0.53	0.37	<b>6.37</b>	0.69	3.27	<b>7.02</b>	-0.70	0.27	<b>5.18</b>	-1.14	0.16
		-0.02	0.01	<b>6.52</b>	-0.08	0.02	<b>6.37</b>	0.11	0.18	<b>7.02</b>	-0.13	0.02	<b>5.18</b>	-0.17	0.01
		1.05	2.86	<b>6.53</b>	-0.44	1.06	<b>6.20</b>	-0.41	0.00	<b>7.10</b>	-0.27	0.00	<b>5.30</b>	-0.32	0.00
		0.17	0.15	<b>6.53</b>	-0.07	0.06	<b>6.20</b>	-0.06	0.00	<b>7.10</b>	-0.05	0.00	<b>5.30</b>	-0.05	0.00
<b>Grand Median</b>	5.60			6.60			6.26			7.15			5.35		
<b>Median Abs Dev</b>	0.07			0.07			0.06			0.08			0.05		
<b>Avg Within Lab SD</b>	0.05			0.05			0.06			0.06			0.06		
<b>Labs Included</b>	57			57			57			57			57		
<b>Labs Reporting</b>	57			57			57			57			57		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

pH (1:2) Water (SubTestCode 116)	in the Soil pH & EC Property Groups															Data units: Unit
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>C47NEY</b>	<b>5.84</b>	0.40	0.27	<b>6.82</b>	0.50	0.23	<b>6.41</b>	0.12	0.33	<b>7.38</b>	1.01	0.42	<b>5.60</b>	0.45	0.57	
		0.16	0.03		0.15	0.03		0.04	0.04		0.32	0.04		0.13	0.04	
<b>VJYMAG</b>	<b>5.84</b>	0.39	0.16	<b>6.71</b>	0.14	0.15	<b>6.56</b>	0.54	0.32	<b>7.16</b>	0.32	0.42	<b>5.50</b>	0.10	0.32	
		0.16	0.02		0.04	0.02		0.20	0.04		0.10	0.04		0.03	0.02	
<b>C4PRLY</b>	<b>5.45</b>	-0.59	0.21	<b>6.51</b>	-0.52	0.18	<b>6.31</b>	-0.15	0.09	<b>7.08</b>	0.07	0.30	<b>5.31</b>	-0.58	0.36	
		-0.23	0.02		-0.16	0.02		-0.06	0.01		0.02	0.03		-0.17	0.02	
<b>477W66</b>	<b>5.50</b>	-0.46	1.04	<b>6.67</b>	0.00	0.44	<b>6.20</b>	-0.45	0.90	<b>7.27</b>	0.64	0.60	<b>5.40</b>	-0.25	1.58	
		-0.18	0.10		0.00	0.06		-0.17	0.10		0.21	0.06		-0.07	0.10	
<b>382E77</b>	<b>5.93</b>	0.64	0.78	<b>6.30</b>	-1.20	0.58	<b>5.90</b>	-1.26	0.26	<b>6.28</b>	-2.44	0.60	<b>5.40</b>	-0.26	1.20	
		0.25	0.08		-0.37	0.08		-0.46	0.03		-0.78	0.06		-0.08	0.08	
<b>QB3B2R</b>	<b>5.21</b>	-1.20		<b>6.42</b>	-0.80		<b>5.84</b>	-1.43		<b>6.55</b>	-1.59		<b>5.39</b>	-0.29		
		-0.47	0.00		-0.25	0.00		-0.53	0.00		-0.51	0.00		-0.08	0.00	
<b>KZGFYV</b>	<b>5.90</b>	0.56	0.00	<b>6.90</b>	0.76	0.00	<b>6.50</b>	0.36		<b>7.27</b>	0.64	0.60	<b>5.70</b>	0.80	0.00	
		0.22	0.00		0.23	0.00		0.13	0.00		0.21	0.06		0.23	0.00	
<b>XX43YG</b>	<b>5.46</b>	-0.56	3.50	<b>6.38</b>	-0.93	1.07	<b>6.03</b>	-0.93	1.09	<b>6.87</b>	-0.60	1.55	<b>5.18</b>	-1.03	0.24	
		-0.22	0.34		-0.29	0.14		-0.34	0.12		-0.19	0.15		-0.30	0.02	
<b>2Y8W7C</b>	<b>5.91</b>	0.59	1.35	<b>6.66</b>	-0.01	0.39	<b>6.38</b>	0.03	0.32	<b>7.02</b>	-0.13	0.40	<b>5.49</b>	0.08	0.40	
		0.23	0.13		0.00	0.05		0.01	0.04		-0.04	0.04		0.02	0.03	
<b>B28ZB7</b>	<b>5.82</b>	0.35	0.45	<b>6.71</b>	0.13	0.38	<b>6.43</b>	0.16	0.14	<b>7.08</b>	0.06	1.03	<b>5.64</b>	0.58	0.40	
		0.14	0.04		0.04	0.05		0.06	0.02		0.02	0.10		0.17	0.03	
<b>CZ7M44</b>	<b>7.30</b>	4.12	1.04	<b>7.67</b>	3.24	3.78	<b>7.73</b>	3.72	4.18	<b>7.37</b>	0.95	0.60	<b>6.93</b>	5.11	1.82	
		1.62	0.10		1.00	0.49		1.37	0.46		0.31	0.06		1.46	0.12	
<b>CW7B84</b>	<b>5.43</b>	-0.63	0.60	<b>6.67</b>	0.00	0.44	<b>6.03</b>	-0.91	0.52	<b>7.03</b>	-0.08	0.60	<b>5.23</b>	-0.83	0.91	
		-0.25	0.06		0.00	0.06		-0.33	0.06		-0.03	0.06		-0.24	0.06	
<b>F668JV</b>	<b>6.35</b>	1.71	1.08	<b>6.82</b>	0.50	0.13	<b>6.80</b>	1.19	0.74	<b>7.28</b>	0.67	0.97	<b>5.90</b>	1.49	1.38	
		0.67	0.10		0.15	0.02		0.44	0.08		0.22	0.09		0.43	0.09	
<b>FWELDX</b>	<b>5.61</b>	-0.17	0.06	<b>6.79</b>	0.40	0.08	<b>6.40</b>	0.08	0.05	<b>7.17</b>	0.34	0.10	<b>5.52</b>	0.18	0.64	
		-0.07	0.01		0.12	0.01		0.03	0.01		0.11	0.01		0.05	0.04	
<b>4PWGDA</b>	<b>5.73</b>	0.12		<b>6.65</b>	-0.05		<b>6.30</b>	-0.18		<b>6.94</b>	-0.37		<b>5.36</b>	-0.39		
		0.05	0.00		-0.02	0.00		-0.07	0.00		-0.12	0.00		-0.11	0.00	
<b>XLBLAF</b>	<b>5.60</b>	-0.21		<b>6.53</b>	-0.44		<b>6.50</b>	0.36		<b>7.04</b>	-0.06		<b>5.42</b>	-0.18		
		-0.08	0.00		-0.14	0.00		0.13	0.00		-0.02	0.00		-0.05	0.00	
<b>3N2CJA</b>	<b>5.76</b>	0.21	0.22	<b>6.77</b>	0.32	0.04	<b>6.49</b>	0.34	0.00	<b>7.28</b>	0.67	0.16	<b>5.56</b>	0.31	0.16	
		0.08	0.02		0.10	0.01		0.12	0.00		0.22	0.02		0.09	0.01	
<b>KN9DZT</b>	<b>5.70</b>	0.05	0.31	<b>6.68</b>	0.03	0.84	<b>6.42</b>	0.15	0.10	<b>7.22</b>	0.50	0.38	<b>5.44</b>	-0.11	0.57	
		0.02	0.03		0.01	0.11		0.06	0.01		0.16	0.04		-0.03	0.04	
<b>79GV44</b>	<b>5.23</b>	-1.15	1.63	<b>5.76</b>	-2.95	2.15	<b>5.88</b>	-1.33	0.96	<b>6.12</b>	-2.91	3.86	<b>5.77</b>	1.03	3.12	
		-0.45	0.16		-0.91	0.28		-0.49	0.11		-0.94	0.37		0.30	0.20	
<b>NT8YFL</b>	<b>5.60</b>	-0.22	0.73	<b>6.69</b>	0.08	0.15	<b>6.18</b>	-0.52	0.59	<b>7.02</b>	-0.11	0.22	<b>5.28</b>	-0.66	0.73	
		-0.09	0.07		0.02	0.02		-0.19	0.07		-0.04	0.02		-0.19	0.05	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Q77MKK</b>	<b>5.50</b>	-0.46		<b>6.32</b>	-1.12		<b>6.15</b>	-0.59		<b>6.95</b>	-0.34		<b>5.45</b>	-0.08	
		-0.18	0.00		-0.35	0.00		-0.22	0.00		-0.11	0.00		-0.02	0.00
<b>P43R2G</b>	<b>5.66</b>	-0.05	0.12	<b>6.45</b>	-0.71	0.12	<b>6.36</b>	-0.03	0.19	<b>6.96</b>	-0.30	0.16	<b>5.49</b>	0.08	0.24
		-0.02	0.01		-0.22	0.02		-0.01	0.02		-0.10	0.02		0.02	0.02
<b>Grand Median</b>		5.68			6.67			6.37			7.06			5.47	
<b>Median Abs Dev</b>		0.18			0.15			0.15			0.14			0.10	
<b>Avg Within Lab SD</b>		0.10			0.13			0.11			0.10			0.06	
<b>Labs Included</b>		22			22			22			22			22	
<b>Labs Reporting</b>		22			22			22			22			22	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

pH (1:1) 0.01M CaCl <sub>2</sub> (SubTestCode 117)	in the Soil pH & EC Property Groups															Data units: Unit		
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515					
<b>6WAFT7</b>	<b>5.52</b>	4.53	0.00	<b>6.50</b>	2.28		<b>6.20</b>	3.61	0.00	<b>7.10</b>	1.69	0.00	<b>5.47</b>	3.52	0.00			
		0.46	0.00		0.38	0.00		0.45	0.00		0.32	0.00		0.44	0.00			
<b>26FBY9</b>	<b>5.03</b>	-0.25	1.53	<b>6.07</b>	-0.30	1.72	<b>5.70</b>	-0.39	0.00	<b>6.73</b>	-0.25	0.41	<b>5.00</b>	-0.25				
		-0.03	0.06		-0.05	0.06		-0.05	0.00		-0.05	0.06		-0.03	0.00			
<b>C47NEY</b>	<b>5.08</b>	0.18	0.81	<b>6.24</b>	0.73	0.89	<b>5.77</b>	0.20	1.39	<b>6.86</b>	0.44	0.28	<b>5.15</b>	0.98	0.43			
		0.02	0.03		0.12	0.03		0.03	0.05		0.08	0.04		0.12	0.04			
<b>VJYMAG</b>	<b>5.03</b>	-0.25	0.77	<b>6.01</b>	-0.65	2.26	<b>5.80</b>	0.39	0.87	<b>6.73</b>	-0.25	0.15	<b>5.02</b>	-0.07	0.43			
		-0.03	0.03		-0.11	0.08		0.05	0.03		-0.05	0.02		-0.01	0.04			
<b>4RZ3B8</b>	<b>4.98</b>	-0.77	0.27	<b>6.06</b>	-0.34	0.79	<b>5.65</b>	-0.81	0.46	<b>6.70</b>	-0.40	0.11	<b>4.94</b>	-0.74	0.21			
		-0.08	0.01		-0.06	0.03		-0.10	0.02		-0.08	0.02		-0.09	0.02			
<b>Q4YHTG</b>	<b>5.13</b>	0.74	0.85	<b>6.23</b>	0.67	0.30	<b>5.77</b>	0.17	0.00	<b>6.84</b>	0.33	0.04	<b>5.03</b>	-0.01	0.12			
		0.08	0.03		0.11	0.01		0.02	0.00		0.06	0.01		0.00	0.01			
<b>KQWZGM</b>	<b>5.03</b>	-0.28	0.70	<b>6.10</b>	-0.10	1.07	<b>5.65</b>	-0.81	0.35	<b>6.76</b>	-0.11	0.56	<b>5.01</b>	-0.17	0.21			
		-0.03	0.03		-0.02	0.04		-0.10	0.01		-0.02	0.08		-0.02	0.02			
<b>382E77</b>	<b>5.05</b>	-0.05	2.16	<b>5.60</b>	-3.05	0.91	<b>5.61</b>	-1.13	2.59	<b>6.12</b>	-3.48	0.12	<b>5.17</b>	1.08	3.76			
		-0.01	0.08		-0.51	0.03		-0.14	0.09		-0.66	0.02		0.14	0.30			
<b>KQRJHN</b>	<b>4.98</b>	-0.77	0.27	<b>6.03</b>	-0.51	0.52	<b>5.64</b>	-0.89	0.62	<b>6.69</b>	-0.49	0.04	<b>4.93</b>	-0.84	0.14			
		-0.08	0.01		-0.09	0.02		-0.11	0.02		-0.09	0.01		-0.11	0.01			
<b>G9MNCZ</b>	<b>5.05</b>	-0.11	0.31	<b>6.13</b>	0.10	0.46	<b>5.72</b>	-0.20	0.69	<b>6.83</b>	0.28	0.18	<b>5.01</b>	-0.15	0.26			
		-0.01	0.01		0.02	0.02		-0.03	0.02		0.05	0.03		-0.02	0.02			
<b>UB76AM</b>	<b>5.06</b>	0.05	0.85	<b>6.18</b>	0.36	0.62	<b>5.72</b>	-0.25	0.46	<b>6.79</b>	0.07	0.18	<b>5.06</b>	0.25	0.50			
		0.01	0.03		0.06	0.02		-0.03	0.02		0.01	0.03		0.03	0.04			
<b>3D69EG</b>	<b>5.14</b>	0.80	0.53	<b>6.19</b>	0.42	0.62	<b>5.82</b>	0.57	1.20	<b>6.84</b>	0.30	0.08	<b>5.20</b>	1.32	1.32			
		0.08	0.02		0.07	0.02		0.07	0.04		0.06	0.01		0.17	0.11			
<b>KXVCQX</b>	<b>5.02</b>	-0.41	0.85	<b>6.10</b>	-0.12	0.17	<b>5.79</b>	0.36	0.17	<b>6.77</b>	-0.07	0.18	<b>4.96</b>	-0.60	0.07			
		-0.04	0.03		-0.02	0.01		0.05	0.01		-0.01	0.03		-0.08	0.01			
<b>EDKTTZ</b>	<b>5.14</b>	0.77	0.85	<b>6.16</b>	0.26	0.79	<b>5.84</b>	0.73	0.60	<b>6.83</b>	0.25	0.15	<b>5.07</b>	0.28	0.31			
		0.08	0.03		0.04	0.03		0.09	0.02		0.05	0.02		0.04	0.03			
<b>QV4LLK</b>	<b>5.12</b>	0.57	1.69	<b>6.01</b>	-0.61	0.46	<b>5.73</b>	-0.15	1.20	<b>6.68</b>	-0.53	0.12	<b>5.11</b>	0.66	0.72			
		0.06	0.06		-0.10	0.02		-0.02	0.04		-0.10	0.02		0.08	0.06			
<b>XKF48E</b>	<b>5.07</b>	0.08	1.53	<b>6.17</b>	0.30	1.72	<b>5.77</b>	0.15	1.73	<b>6.83</b>	0.28	0.41	<b>5.03</b>	0.01	0.71			
		0.01	0.06		0.05	0.06		0.02	0.06		0.05	0.06		0.00	0.06			
<b>F668JV</b>	<b>4.95</b>	-1.10	0.55	<b>5.95</b>	-0.99	0.60	<b>5.62</b>	-1.05	0.35	<b>6.26</b>	-2.72	4.11	<b>4.96</b>	-0.57	0.33			
		-0.11	0.02		-0.17	0.02		-0.13	0.01		-0.52	0.58		-0.07	0.03			
<b>PN7ACJ</b>	<b>5.10</b>	0.44	0.55	<b>6.18</b>	0.36	0.17	<b>5.78</b>	0.28	0.92	<b>6.82</b>	0.21	0.42	<b>5.11</b>	0.63	0.12			
		0.05	0.02		0.06	0.01		0.04	0.03		0.04	0.06		0.08	0.01			



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Grand Median</b>		5.06		6.12			5.75			6.78			5.03		
<b>Median Abs Dev</b>		0.04		0.07			0.05			0.06			0.07		
<b>Avg Within Lab SD</b>		0.04		0.03			0.03			0.14			0.08		
<b>Labs Included</b>		18		18			18			18			18		
<b>Labs Reporting</b>		18		18			18			18			18		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

pH (1:2) 0.01M CaCl <sub>2</sub> (SubTestCode 118)	in the Soil pH & EC Property Groups															Data units: Unit
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>6WAFT7</b>	<b>4.98</b>	-0.29	0.39	<b>5.98</b>	-0.20	0.20	<b>5.79</b>	0.19	0.75	<b>6.60</b>	-0.33	0.13	<b>4.98</b>	-0.36	0.11	
		-0.07	0.01		-0.04	0.01		0.03	0.04		-0.06	0.01		-0.05	0.01	
<b>VJYMAG</b>	<b>5.06</b>	0.00	0.39	<b>6.02</b>	-0.03	0.92	<b>5.79</b>	0.19	0.28	<b>6.67</b>	0.00	1.53	<b>5.03</b>	0.00	1.04	
		0.00	0.01		-0.01	0.03		0.03	0.02		0.00	0.07		0.00	0.06	
<b>382E77</b>	<b>5.87</b>	3.25	2.04	<b>5.69</b>	-1.53	1.22	<b>5.72</b>	-0.29	2.22	<b>6.34</b>	-1.74	2.56	<b>5.27</b>	1.61	2.82	
		0.82	0.06		-0.33	0.04		-0.04	0.12		-0.33	0.11		0.24	0.15	
<b>2Y8W7C</b>	<b>5.03</b>	-0.09	0.52	<b>6.03</b>	0.00	0.20	<b>5.69</b>	-0.48	0.10	<b>6.64</b>	-0.14	0.23	<b>5.00</b>	-0.18	0.29	
		-0.02	0.02		0.00	0.01		-0.07	0.01		-0.03	0.01		-0.03	0.02	
<b>HMD97T</b>	<b>5.05</b>	-0.04	0.20	<b>6.14</b>	0.50	0.20	<b>5.74</b>	-0.12	0.28	<b>6.75</b>	0.46	0.48	<b>5.04</b>	0.07	0.19	
		-0.01	0.01		0.11	0.01		-0.02	0.02		0.09	0.02		0.01	0.01	
<b>QV4LLK</b>	<b>5.74</b>	2.73	1.60	<b>6.61</b>	2.69	1.22	<b>6.46</b>	5.01	0.90	<b>7.05</b>	2.03	1.28	<b>5.54</b>	3.45	1.21	
		0.69	0.05		0.59	0.04		0.70	0.05		0.38	0.06		0.51	0.06	
<b>F668JV</b>	<b>4.93</b>	-0.50	1.22	<b>5.90</b>	-0.60	1.32	<b>5.64</b>	-0.88	0.38	<b>6.51</b>	-0.81	0.26	<b>4.97</b>	-0.43	0.57	
		-0.13	0.04		-0.13	0.04		-0.12	0.02		-0.15	0.01		-0.06	0.03	
<b>FWELDX</b>	<b>5.08</b>	0.11	0.20	<b>6.22</b>	0.90	0.40	<b>5.77</b>	0.10	0.10	<b>6.76</b>	0.48	0.13	<b>5.11</b>	0.54	0.00	
		0.03	0.01		0.20	0.01		0.01	0.01		0.09	0.01		0.08	0.00	
<b>XLBLAF</b>	<b>5.01</b>	-0.19		<b>6.02</b>	-0.03		<b>5.76</b>	0.00		<b>6.62</b>	-0.25		<b>5.00</b>	-0.20		
		-0.05	0.00		-0.01	0.00		0.00	0.00		-0.05	0.00		-0.03	0.00	
<b>KN9DZT</b>	<b>5.07</b>	0.05	1.47	<b>6.09</b>	0.31	1.06	<b>5.74</b>	-0.12	0.10	<b>6.76</b>	0.48	0.35	<b>5.02</b>	-0.09	0.22	
		0.01	0.04		0.07	0.03		-0.02	0.01		0.09	0.02		-0.01	0.01	
<b>6YCNP4</b>	<b>5.10</b>	0.17	0.00	<b>6.17</b>	0.64	2.01	<b>5.77</b>	0.05	2.09	<b>6.80</b>	0.70	0.00	<b>5.10</b>	0.48	0.00	
		0.04	0.00		0.14	0.06		0.01	0.12		0.13	0.00		0.07	0.00	
<b>Grand Median</b>		5.06		6.03			5.76			6.67			5.03			
<b>Median Abs Dev</b>		0.04		0.11			0.03			0.09			0.05			
<b>Avg Within Lab SD</b>		0.03		0.03			0.06			0.04			0.05			
<b>Labs Included</b>		11		11			11			11			11			
<b>Labs Reporting</b>		11		11			11			11			11			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Soil EC (1:5) H2O (SubTestCode 119)	in the Soil pH & EC Property Groups										Data units: dS/m
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515		
<b>XX43YG</b>	<b>0.11</b>	1.37 0.00	<b>0.13</b>	1.28 0.01	<b>0.10</b>	1.27 0.01	<b>0.18</b>	0.89 0.01	<b>0.19</b>	1.40 0.01	
<b>B28ZB7</b>	<b>0.07</b>	0.35 0.00	<b>0.09</b>	0.60 0.00	<b>0.06</b>	0.63 0.00	<b>0.14</b>	1.10 0.01	<b>0.15</b>	0.22 0.00	
<b>Grand Median</b>	0.087		0.11		0.080		0.16		0.17		
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.003		0.01		0.006		0.01		0.01		
<b>Labs Included</b>	2		2		2		2		2		
<b>Labs Reporting</b>	2		2		2		2		2		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

SMP Buffer pH (SubTestCode 121)	in the Buffer pH, Lime Requirement Property Groups															Data units: Unit
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>C47NEY</b>	<b>6.52</b>	-1.61	0.63	<b>7.02</b>	-1.26	1.25	<b>7.12</b>	-0.79	0.89	<b>7.17</b>	-0.89	1.07	<b>6.32</b>	-2.17	0.67	
		-0.32	0.03		-0.16	0.03		-0.09	0.03		-0.09	0.03		-0.40	0.02	
<b>VJYMAG</b>	<b>6.82</b>	-0.10	1.73	<b>7.18</b>	-0.03	0.95	<b>7.32</b>	0.94	1.28	<b>7.23</b>	-0.27	0.93	<b>6.65</b>	-0.39	0.74	
		-0.02	0.07		0.00	0.02		0.11	0.04		-0.03	0.02		-0.07	0.02	
<b>8MDKJZ</b>	<b>6.63</b>	-1.07	0.97	<b>7.05</b>	-1.03	1.44	<b>7.03</b>	-1.64	0.89	<b>7.22</b>	-0.40	1.07	<b>6.52</b>	-1.05	1.03	
		-0.21	0.04		-0.13	0.04		-0.19	0.03		-0.04	0.03		-0.20	0.03	
<b>KQWZGM</b>	<b>6.91</b>	0.35	2.04	<b>7.23</b>	0.33	1.48	<b>7.23</b>	0.12	2.31	<b>7.30</b>	0.37	1.85	<b>6.81</b>	0.49	2.42	
		0.07	0.09		0.04	0.04		0.01	0.07		0.04	0.05		0.09	0.08	
<b>KQRJHN</b>	<b>7.02</b>	0.91	0.24	<b>7.47</b>	2.19	0.41	<b>7.29</b>	0.70	0.20	<b>7.49</b>	2.24	0.62	<b>6.81</b>	0.49	0.32	
		0.18	0.01		0.28	0.01		0.08	0.01		0.23	0.02		0.09	0.01	
<b>KZGFYV</b>	<b>7.09</b>	1.26	0.00	<b>7.19</b>	0.03	0.00	<b>7.19</b>	-0.21	0.00	<b>7.29</b>	0.27	0.00	<b>6.79</b>	0.39	0.00	
		0.25	0.00		0.00	0.00		-0.02	0.00		0.03	0.00		0.07	0.00	
<b>MKUMMU</b>	<b>6.96</b>	0.60	0.72	<b>7.25</b>	0.49	1.42	<b>7.31</b>	0.82	1.02	<b>7.35</b>	0.89	1.30	<b>6.90</b>	0.96	1.13	
		0.12	0.03		0.06	0.03		0.09	0.03		0.09	0.03		0.18	0.04	
<b>UB76AM</b>	<b>6.73</b>	-0.54	0.97	<b>7.14</b>	-0.39	1.03	<b>7.19</b>	-0.18	0.54	<b>7.21</b>	-0.53	1.17	<b>6.61</b>	-0.60	0.81	
		-0.11	0.04		-0.05	0.03		-0.02	0.02		-0.06	0.03		-0.11	0.03	
<b>HMD97T</b>	<b>6.86</b>	0.10	0.00	<b>7.23</b>	0.33	0.00	<b>7.35</b>	1.23	0.20	<b>7.29</b>	0.27	0.00	<b>6.74</b>	0.10	0.19	
		0.02	0.00		0.04	0.00		0.14	0.01		0.03	0.00		0.02	0.01	
<b>6YCNP4</b>	<b>6.80</b>	-0.20	0.00	<b>7.10</b>	-0.67	0.00	<b>7.20</b>	-0.12	0.00	<b>7.20</b>	-0.60	0.00	<b>6.70</b>	-0.10	0.00	
		-0.04	0.00		-0.09	0.00		-0.01	0.00		-0.06	0.00		-0.02	0.00	
<b>Grand Median</b>		6.84		7.19			7.21			7.26			6.72			
<b>Median Abs Dev</b>		0.11		0.06			0.09			0.05			0.09			
<b>Avg Within Lab SD</b>		0.04		0.02			0.03			0.02			0.03			
<b>Labs Included</b>		10		10			10			10			10			
<b>Labs Reporting</b>		10		10			10			10			10			





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

	Sikora Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups															
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			Data units: Unit
<b>NRW8AP</b>	<b>7.17</b>	1.57	1.55	<b>7.37</b>	2.09	2.09	<b>7.33</b>	0.25	1.73	<b>7.47</b>	1.92	1.89	<b>6.90</b>	1.56	0.00	
		0.35	0.06		0.24	0.06		0.03	0.06		0.20	0.06		0.28	0.00	
<b>MGZK6N</b>	<b>6.67</b>	-0.69	1.55	<b>7.07</b>	-0.58	2.09	<b>7.20</b>	-1.02	0.00	<b>7.10</b>	-1.54	0.00	<b>6.63</b>	0.09	1.36	
		-0.15	0.06		-0.07	0.06		-0.11	0.00		-0.16	0.00		0.02	0.06	
<b>4RZ3B8</b>	<b>6.71</b>	-0.51	0.56	<b>7.10</b>	-0.31	0.21	<b>7.26</b>	-0.48	0.17	<b>7.20</b>	-0.57	0.83	<b>6.54</b>	-0.40	0.27	
		-0.11	0.02		-0.04	0.01		-0.05	0.01		-0.06	0.03		-0.07	0.01	
<b>C4PRLY</b>	<b>6.82</b>	0.00	2.42	<b>7.15</b>	0.16	2.26	<b>7.45</b>	1.40	2.28	<b>7.24</b>	-0.19	1.81	<b>6.69</b>	0.40	0.62	
		0.00	0.09		0.02	0.06		0.15	0.08		-0.02	0.06		0.07	0.03	
<b>CE8C7V</b>	<b>6.87</b>	0.23	0.97	<b>7.16</b>	0.25	1.25	<b>7.33</b>	0.19	1.95	<b>7.26</b>	0.00	1.37	<b>6.69</b>	0.39	2.14	
		0.05	0.04		0.03	0.03		0.02	0.07		0.00	0.04		0.07	0.09	
<b>32WJM7</b>	<b>6.79</b>	-0.12	0.31	<b>7.10</b>	-0.31	0.21	<b>7.33</b>	0.25	0.17	<b>7.20</b>	-0.60	0.33	<b>6.62</b>	0.00	0.27	
		-0.03	0.01		-0.04	0.01		0.03	0.01		-0.06	0.01		0.00	0.01	
<b>CQF2X6</b>	<b>6.73</b>	-0.39	1.55	<b>6.90</b>	-2.06	0.00	<b>6.90</b>	-3.89	0.00				<b>6.80</b>	1.01	2.36	
		-0.09	0.06		-0.23	0.00		-0.41	0.00					0.18	0.10	
<b>KZGFYV</b>	<b>7.10</b>	1.26	0.00	<b>7.20</b>	0.61	0.00	<b>7.20</b>	-1.02	0.00	<b>7.30</b>	0.35	0.00	<b>6.80</b>	1.01	0.00	
		0.28	0.00		0.07	0.00		-0.11	0.00		0.04	0.00		0.18	0.00	
<b>UB76AM</b>	<b>6.89</b>	0.30	0.87	<b>7.19</b>	0.55	0.84	<b>7.32</b>	0.10	0.17	<b>7.32</b>	0.53	0.00	<b>6.60</b>	-0.09	0.85	
		0.07	0.03		0.06	0.02		0.01	0.01		0.06	0.00		-0.02	0.04	
<b>44U7TF</b>	<b>6.97</b>	0.69	0.78	<b>7.22</b>	0.76	1.11	<b>7.40</b>	0.92	0.75	<b>7.42</b>	1.45	1.33	<b>6.69</b>	0.40	1.03	
		0.15	0.03		0.09	0.03		0.10	0.03		0.15	0.04		0.07	0.04	
<b>BL7NF7</b>	<b>6.83</b>	0.03	0.68	<b>7.20</b>	0.58	0.55	<b>7.30</b>	-0.03	0.96	<b>7.31</b>	0.44	1.31	<b>6.63</b>	0.09	1.30	
		0.01	0.03		0.07	0.02		0.00	0.03		0.05	0.04		0.02	0.06	
<b>KXVCQX</b>	<b>6.90</b>	0.38	0.56	<b>7.18</b>	0.46	0.42	<b>7.31</b>	0.03	1.20	<b>7.32</b>	0.50	0.50	<b>6.60</b>	-0.11	0.55	
		0.08	0.02		0.05	0.01		0.00	0.04		0.05	0.02		-0.02	0.02	
<b>BZCGA4</b>	<b>7.65</b>	3.76	1.53										<b>7.50</b>	4.86	0.82	
		0.83	0.06											0.88	0.03	
<b>V9WEKJ</b>	<b>6.77</b>	-0.24	0.16	<b>7.11</b>	-0.16	0.21	<b>7.30</b>	-0.03	0.17	<b>7.29</b>	0.25	0.33	<b>6.61</b>	-0.04	0.00	
		-0.05	0.01		-0.02	0.01		0.00	0.01		0.03	0.01		-0.01	0.00	
<b>Y3EFFF</b>	<b>6.76</b>	-0.27	0.00	<b>7.09</b>	-0.40	0.21	<b>7.36</b>	0.51	0.00	<b>7.22</b>	-0.44	0.19	<b>6.57</b>	-0.26	0.00	
		-0.06	0.00		-0.05	0.01		0.05	0.00		-0.05	0.01		-0.05	0.00	
<b>RKW4MM</b>	<b>6.90</b>	0.36	0.00	<b>7.10</b>	-0.28	0.00	<b>7.30</b>	-0.06	0.00	<b>7.20</b>	-0.60	0.00	<b>6.60</b>	-0.09	0.00	
		0.08	0.00		-0.03	0.00		-0.01	0.00		-0.06	0.00		-0.02	0.00	
<b>4F7V8B</b>	<b>6.82</b>	-0.02	0.16	<b>7.16</b>	0.25	0.00	<b>7.33</b>	0.22	0.00	<b>7.29</b>	0.28	0.19	<b>6.62</b>	0.00	0.36	
		0.00	0.01		0.03	0.00		0.02	0.00		0.03	0.01		0.00	0.02	
<b>PAPEWM</b>	<b>6.70</b>	-0.54	0.00	<b>7.10</b>	-0.28	0.00	<b>7.30</b>	-0.06	0.00	<b>7.23</b>	-0.28	1.89	<b>6.50</b>	-0.64		
		-0.12	0.00		-0.03	0.00		-0.01	0.00		-0.03	0.06		-0.12	0.00	
<b>B63RJ3</b>	<b>6.50</b>	-1.45		<b>6.90</b>	-2.06	0.00	<b>7.13</b>	-1.66	1.73	<b>7.10</b>	-1.54	0.00	<b>6.37</b>	-1.38	1.36	
		-0.32	0.00		-0.23	0.00		-0.17	0.06		-0.16	0.00		-0.25	0.06	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Grand Median</b>	6.82			7.13			7.31			7.26			6.62		
<b>Median Abs Dev</b>	0.08			0.05			0.03			0.05			0.07		
<b>Avg Within Lab SD</b>	0.04			0.03			0.03			0.03			0.04		
<b>Labs Included</b>	19			18			18			17			19		
<b>Labs Reporting</b>	19			18			18			17			19		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Adams-Evans Buffer pH (SubTestCode 123)	in the Buffer pH, Lime Requirement Property Groups												Data units: Unit		
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
<b>6WAFT7</b>	<b>7.55</b>	-1.84	0.17	<b>7.63</b>	-2.45	0.00	<b>7.84</b>	-0.60	0.00	<b>7.68</b>	-2.05	1.00	<b>7.38</b>	-1.05	0.14
		-0.07	0.01		-0.08	0.00		-0.01	0.00		-0.08	0.02		-0.04	0.01
<b>KQWZGM</b>	<b>7.63</b>	0.13	1.65	<b>7.71</b>	0.05	1.25	<b>7.85</b>	0.60	1.50	<b>7.75</b>	-0.22	1.39	<b>7.44</b>	0.46	1.79
		0.01	0.06		0.00	0.02		0.01	0.02		-0.01	0.03		0.02	0.07
<b>G6NDG2</b>	<b>7.64</b>	0.58	0.17	<b>7.72</b>	0.15	1.13	<b>7.86</b>	0.90	0.42	<b>7.76</b>	0.22	0.28	<b>7.40</b>	-0.46	0.00
		0.02	0.01		0.01	0.02		0.01	0.01		0.01	0.01		-0.02	0.00
<b>4C4V8E</b>	<b>7.62</b>	-0.13	1.10	<b>7.71</b>	-0.05	1.08	<b>7.84</b>	-0.60	1.25	<b>7.76</b>	0.22	1.00	<b>7.45</b>	0.72	0.87
		-0.01	0.04		0.00	0.02		-0.01	0.02		0.01	0.02		0.03	0.04
<b>Grand Median</b>		7.62			7.71			7.85			7.76			7.42	
<b>Median Abs Dev</b>		0.01			0.00			0.01			0.01			0.02	
<b>Avg Within Lab SD</b>		0.03			0.02			0.01			0.02			0.04	
<b>Labs Included</b>		4			4			4			4			4	
<b>Labs Reporting</b>		4			4			4			4			4	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Woodruff Buffer pH (SubTestCode 124)	in the Buffer pH, Lime Requirement Property Groups												Data units: Unit		
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
<b>6WAFT7</b>	<b>6.54</b>	-1.73	0.15	<b>6.80</b>	-1.56	0.25	<b>6.86</b>	-0.26	0.29	<b>6.90</b>	-1.40	0.39	<b>6.44</b>	-0.67	0.15
		-0.12	0.01		-0.10	0.01		-0.02	0.01		-0.10	0.01		-0.06	0.01
<b>C47NEY</b>	<b>6.55</b>	-1.63	1.79	<b>6.97</b>	1.08	2.20	<b>6.84</b>	-0.49	1.73	<b>7.05</b>	0.69	2.04	<b>6.44</b>	-0.75	2.00
		-0.12	0.07		0.07	0.05		-0.04	0.03		0.05	0.03		-0.07	0.08
<b>4RZ3B8</b>	<b>6.66</b>	-0.02	0.54	<b>6.88</b>	-0.34	1.16	<b>6.88</b>	0.02	1.15	<b>6.96</b>	-0.64	1.71	<b>6.54</b>	0.40	0.15
		0.00	0.02		-0.02	0.03		0.00	0.02		-0.05	0.03		0.04	0.01
<b>Q4YHTG</b>	<b>6.72</b>	0.83	0.83	<b>6.89</b>	-0.19	0.00	<b>6.85</b>	-0.30	0.76	<b>7.00</b>	0.02	0.39	<b>6.57</b>	0.75	0.15
		0.06	0.03		-0.01	0.00		-0.02	0.02		0.00	0.01		0.07	0.01
<b>KQWZGM</b>	<b>6.65</b>	-0.21	1.13	<b>6.90</b>	0.03	0.25	<b>6.87</b>	-0.02	1.53	<b>6.98</b>	-0.31	0.68	<b>6.55</b>	0.56	1.16
		-0.02	0.04		0.00	0.01		0.00	0.03		-0.02	0.01		0.05	0.04
<b>QUDDLH</b>	<b>6.67</b>	0.02	1.49	<b>6.90</b>	-0.03	0.00	<b>6.90</b>	0.35	0.00	<b>7.00</b>	-0.02		<b>6.47</b>	-0.40	1.54
		0.00	0.06		0.00	0.00		0.03	0.00		0.00	0.00		-0.04	0.06
<b>KQRJHN</b>	<b>6.70</b>	0.45	0.15	<b>6.97</b>	1.14	0.25	<b>6.94</b>	0.96	0.29	<b>7.07</b>	0.92	0.39	<b>6.55</b>	0.60	0.15
		0.03	0.01		0.07	0.01		0.07	0.01		0.07	0.01		0.05	0.01
<b>KXVCQX</b>	<b>6.70</b>	0.50	0.52	<b>6.97</b>	1.03	1.27	<b>7.09</b>	2.98	0.76	<b>7.10</b>	1.40	0.00	<b>6.39</b>	-1.25	0.41
		0.04	0.02		0.07	0.03		0.21	0.02		0.10	0.00		-0.11	0.02
<b>Grand Median</b>		6.67		6.90			6.88			7.00			6.50		
<b>Median Abs Dev</b>		0.03		0.04			0.02			0.05			0.06		
<b>Avg Within Lab SD</b>		0.04		0.02			0.02			0.01			0.04		
<b>Labs Included</b>		8		8			8			8			8		
<b>Labs Reporting</b>		8		8			8			8			8		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich Buffer pH (SubTestCode 125)	in the Buffer pH, Lime Requirement Property Groups										Data units: Unit
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515		
<b>XKF48E</b>	<b>6.20</b>	0.00	<b>6.37</b>	1.21	<b>6.50</b>	0.00			<b>6.00</b>	0.00	
		0.00		0.06		1.13				0.45	
<b>TAEMVG</b>	<b>6.21</b>	0.68	<b>6.34</b>	0.74	<b>6.42</b>	0.02	<b>6.49</b>	1.00	<b>6.01</b>	0.05	
		0.03		0.04		0.85		0.02		1.34	
<b>HNU6YT</b>	<b>6.10</b>	1.59	<b>6.31</b>	0.99	<b>6.43</b>	0.02			<b>5.93</b>	0.15	
		0.08		0.05							
<b>Grand Median</b>		6.20		6.34		6.43		6.49		6.00	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>		0.05		0.05		0.02		0.02		0.11	
<b>Labs Included</b>		3		3		3		1		3	
<b>Labs Reporting</b>		3		3		3		1		3	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

NO3-N Cd. Rd. (SubTestCode 126)	in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups															Data units: mg/kg	
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515				
NRW8AP	21.0	0.6	0.8	23.5	0.1	0.9	22.2	1.2	0.3	43.0	-0.1	0.8	72.0	1.2	0.3		
		1.6	0.5		0.4	1.0		4.4	0.3		-0.5	1.5		8.7	0.5		
FQP3HU	20.3	0.4	0.8	22.9	-0.1	0.3	21.8	1.1	0.7	36.7	-0.8	3.5	62.6	-0.1	0.6		
		0.9	0.5		-0.2	0.3		4.0	0.7		-6.8	6.5		-0.6	1.2		
MGZK6N	3.4	-6.2	0.2	4.2	-6.1	0.1	3.2	-4.1	0.2	7.2	-4.1	0.1	10.0	-7.5	0.0		
		-16.0	0.2		-18.9	0.1		-14.5	0.2		-36.3	0.2		-53.3	0.0		
C47NEY	22.2	1.1	0.3	24.5	0.4	0.5	20.5	0.8	0.1	51.2	0.9	0.2	68.5	0.7	0.2		
		2.8	0.2		1.3	0.5		2.8	0.1		7.7	0.3		5.3	0.3		
7WA3K4	20.1	0.3	0.5	24.5	0.4	0.6	17.8	0.0	0.6	50.1	0.7	0.4	66.1	0.4	0.8		
		0.7	0.3		1.3	0.6		0.0	0.6		6.6	0.7		2.9	1.6		
VJYMAG	19.7	0.1	0.8	23.4	0.1	0.7	16.9	-0.3	0.5	46.2	0.3	0.7	62.5	-0.1	0.7		
		0.3	0.5		0.3	0.8		-0.9	0.5		2.7	1.3		-0.8	1.3		
4RZ3B8	20.6	0.5	1.2	22.9	-0.1	1.2	21.7	1.1	0.8	39.3	-0.5	0.5	65.8	0.4	2.2		
		1.2	0.8		-0.3	1.3		3.9	0.8		-4.2	0.8		2.5	4.4		
C4PRLY	19.0	-0.1	1.5	21.0	-0.7	0.9	18.0	0.1	0.8	34.0	-1.1	0.5	54.7	-1.2	0.3		
		-0.4	1.0		-2.1	1.0		0.2	0.0		-9.5	1.0		-8.6	0.6		
8MDKJZ	16.1	-1.3	0.4	16.8	-2.0	0.6	11.1	-1.9	0.4	70.3	3.0	0.5	69.2	0.8	0.4		
		-3.3	0.3		-6.3	0.6		-6.6	0.4		26.8	0.9		5.9	0.8		
477W66	11.0	-3.2	0.8	14.5	-2.8	0.2	16.9	-0.3	0.4	32.3	-1.3	0.1	46.7	-2.3	0.1		
		-8.4	0.5		-8.6	0.3		-0.9	0.4		-11.2	0.3		-16.6	0.3		
DZKJUJ	19.7	0.1	0.9	23.3	0.1	0.5	21.7	1.1	0.6	41.0	-0.3	0.5	63.0	0.0	0.5		
		0.3	0.6		0.2	0.6		3.9	0.6		-2.5	1.0		-0.3	1.0		
KQWZGM	19.1	-0.1	0.9	23.1	0.0	0.8	16.7	-0.3	0.7	49.5	0.7	0.1	65.1	0.3	0.4		
		-0.3	0.6		-0.1	0.8		-1.0	0.7		6.0	0.3		1.8	0.7		
JR9FBN	24.2	1.8	1.3	24.6	0.5	2.0	22.5	1.3	0.3	43.7	0.0	2.3	70.8	1.1	1.9		
		4.8	0.8		1.4	2.1		4.7	0.3		0.2	4.3		7.5	3.8		
8NA3L2	20.1	0.3	0.3	24.6	0.5	0.5	17.0	-0.2	0.1	52.2	1.0	0.2	70.1	1.0	0.2		
		0.7	0.2		1.4	0.5		-0.7	0.1		8.7	0.3		6.9	0.5		
4XQDK7	19.4	0.0	0.3	18.7	-1.4	0.1	21.4	1.0	0.6	42.7	-0.1	0.7	62.8	-0.1	0.1		
		0.0	0.2		-4.5	0.1		3.6	0.6		-0.8	1.4		-0.4	0.3		
QUDDLH	18.6	-0.3	0.9	21.8	-0.4	0.6	20.5	0.8	0.3	37.1	-0.7	1.2	61.5	-0.2	1.3		
		-0.8	0.6		-1.3	0.6		2.7	0.3		-6.4	2.3		-1.7	2.5		
G6NDG2	15.5	-1.5	0.6	17.6	-1.8	0.4	17.8	0.0	0.3	33.7	-1.1	0.4	53.0	-1.4	0.4		
		-3.9	0.4		-5.6	0.4		0.0	0.3		-9.8	0.8		-10.3	0.7		
CQF2X6	25.3	2.3	2.4	27.3	1.3	0.5	21.7	1.1	0.6	47.0	0.4	0.5	74.0	1.5	1.0		
		5.9	1.5		4.2	0.6		3.9	0.6		3.5	1.0		10.7	2.0		
QB3B2R	18.2	-0.4	0.5	23.7	0.2	0.9	17.9	0.0	0.3	42.0	-0.2	0.6	55.5	-1.1	0.3		
		-1.2	0.4		0.6	1.0		0.1	0.3		-1.5	1.0		-7.8	0.7		
UB76AM	19.9	0.2	0.7	24.7	0.5	0.1	17.1	-0.2	0.4	52.3	1.0	0.4	66.9	0.5	0.5		
		0.5	0.5		1.6	0.2		-0.7	0.4		8.8	0.8		3.6	1.0		



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>3D69EG</b>	<b>19.9</b>	0.2	1.7	<b>23.9</b>	0.2	1.2	<b>15.2</b>	-0.7	0.6	<b>48.3</b>	0.5	1.0	<b>62.8</b>	-0.1	1.3
		0.5	1.1		0.8	1.3		-2.6	0.6		4.8	1.8		-0.5	2.6
<b>BL7NF7</b>	<b>19.4</b>	0.0	0.7	<b>21.8</b>	-0.4	0.5	<b>22.7</b>	1.4	0.6	<b>38.7</b>	-0.5	0.7	<b>65.2</b>	0.3	1.2
		0.0	0.4		-1.4	0.5		4.9	0.6		-4.8	1.3		1.9	2.4
<b>WR44BL</b>	<b>18.6</b>	-0.3	0.0	<b>19.9</b>	-1.0	0.0	<b>20.1</b>	0.7	0.0	<b>38.1</b>	-0.6	0.6	<b>62.2</b>	-0.2	0.1
		-0.8	0.0		-3.2	0.0		2.4	0.0		-5.4	1.0		-1.1	0.3
<b>4C4V8E</b>	<b>16.7</b>	-1.1	0.9	<b>19.0</b>	-1.3	0.9	<b>18.3</b>	0.2	1.2	<b>37.7</b>	-0.7	1.6	<b>51.7</b>	-1.6	1.9
		-2.7	0.6		-4.1	1.0		0.6	1.2		-5.8	3.1		-11.6	3.8
<b>XX43YG</b>	<b>21.4</b>	0.8	1.8	<b>27.1</b>	1.3	0.7	<b>19.3</b>	0.4	1.1	<b>53.2</b>	1.1	1.8	<b>68.1</b>	0.7	2.6
		2.0	1.2		3.9	0.8		1.5	1.0		9.7	3.4		4.8	5.2
<b>BRWXP6</b>	<b>19.3</b>	0.0	0.1	<b>23.4</b>	0.1	0.0	<b>16.3</b>	-0.4	0.1	<b>49.3</b>	0.7	0.1	<b>64.8</b>	0.2	0.0
		-0.1	0.1		0.3	0.0		-1.5	0.1		5.8	0.2		1.5	0.1
<b>RKW4MM</b>	<b>18.7</b>	-0.3	0.8	<b>20.7</b>	-0.8	0.1	<b>20.8</b>	0.8	0.6	<b>38.6</b>	-0.6	0.4	<b>61.9</b>	-0.2	0.5
		-0.7	0.5		-2.5	0.2		3.0	0.6		-4.9	0.7		-1.4	0.9
<b>4F7V8B</b>	<b>20.5</b>	0.4	0.2	<b>21.8</b>	-0.4	0.1	<b>21.3</b>	1.0	0.6	<b>40.5</b>	-0.3	0.4	<b>66.0</b>	0.4	
		1.1	0.1		-1.3	0.2		3.6	0.6		-3.0	0.7		2.7	0.0
<b>CZ7M44</b>	<b>18.7</b>	-0.3	0.9	<b>23.3</b>	0.1	1.1	<b>16.7</b>	-0.3	0.6	<b>47.0</b>	0.4	0.5	<b>60.7</b>	-0.4	0.6
		-0.7	0.6		0.2	1.2		-1.1	0.6		3.5	1.0		-2.6	1.2
<b>HMD97T</b>	<b>19.3</b>	0.0	0.1	<b>23.9</b>	0.2	0.2	<b>16.7</b>	-0.3	0.2	<b>50.1</b>	0.7	0.8	<b>65.5</b>	0.3	0.4
		-0.1	0.1		0.7	0.2		-1.1	0.2		6.6	1.5		2.2	0.7
<b>PVAGRL</b>	<b>22.7</b>	1.3	2.1	<b>24.4</b>	0.4	0.4	<b>25.6</b>	2.2	3.8	<b>41.9</b>	-0.2	0.6			
		3.3	1.4		1.3	0.4		7.9	3.6		-1.6	1.2			
<b>KMCVXR</b>	<b>21.9</b>	1.0		<b>24.2</b>	0.3		<b>17.0</b>	-0.2		<b>49.3</b>	0.7		<b>68.3</b>	0.7	
		2.5	0.0		1.1	0.0		-0.8	0.0		5.8	0.0		5.0	0.0
<b>4PWGDA</b>	<b>17.7</b>	-0.7		<b>21.8</b>	-0.4		<b>16.0</b>	-0.5		<b>43.5</b>	0.0		<b>58.1</b>	-0.7	
		-1.7	0.0		-1.3	0.0		-1.8	0.0		0.0	0.0		-5.2	0.0
<b>B63RJ3</b>	<b>14.2</b>	-2.0	1.1	<b>17.6</b>	-1.8	0.3	<b>13.1</b>	-1.3	0.6	<b>33.4</b>	-1.1	1.9	<b>44.5</b>	-2.6	2.4
		-5.2	0.7		-5.5	0.3		-4.7	0.6		-10.1	3.6		-18.7	4.6
<b>6YCNP4</b>	<b>19.5</b>	0.0	1.0	<b>20.0</b>	-1.0	4.4	<b>16.8</b>	-0.3	0.3	<b>47.7</b>	0.5	0.2	<b>63.5</b>	0.0	0.2
		0.1	0.7		-3.2	4.7		-0.9	0.3		4.2	0.4		0.3	0.3
<b>NT8YFL</b>	<b>18.7</b>	-0.3	1.6	<b>23.1</b>	0.0	0.9	<b>15.6</b>	-0.6	1.1	<b>47.5</b>	0.4	0.5	<b>60.7</b>	-0.4	0.9
		-0.7	1.0		0.0	1.0		-2.2	1.0		4.0	0.9		-2.6	1.8
<b>P43R2G</b>	<b>20.4</b>	0.4	0.3	<b>26.5</b>	1.1	0.3	<b>17.2</b>	-0.2	0.1	<b>54.2</b>	1.2	0.2	<b>69.7</b>	0.9	0.4
		1.0	0.2		3.3	0.3		-0.5	0.1		10.7	0.4		6.5	0.9
<b>WN9D4A</b>	<b>22.8</b>	1.3	1.0	<b>25.2</b>	0.7	0.5	<b>20.9</b>	0.9	3.5	<b>49.6</b>	0.7	0.4	<b>64.4</b>	0.2	1.0
		3.4	0.7		2.1	0.5		3.1	3.3		6.1	0.8		1.1	2.0
<b>Grand Median</b>		19.4			23.1			17.8			43.5			63.3	
<b>Median Abs Dev</b>		0.9			1.3			2.2			5.8			2.8	
<b>Avg Within Lab SD</b>		0.6			1.1			1.0			1.9			2.0	
<b>Labs Included</b>		37			37			37			37			36	
<b>Labs Reporting</b>		37			37			37			37			36	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

NO3-N ISE (SubTestCode 127)	in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups															Data units: mg/kg
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>32WJM7</b>	<b>16.9</b>	-0.2	0.4	<b>20.0</b>	0.0	0.3	<b>16.2</b>	0.1	0.3	<b>40.0</b>	-0.6	0.1	<b>47.7</b>	-1.3	0.8	
		-0.7	0.6		0.0	0.4		0.4	0.4		-4.1	0.3		-6.2	1.0	
<b>M8UYGL</b>	<b>23.9</b>	1.7	2.3	<b>24.8</b>	1.9	2.5	<b>24.4</b>	1.8	1.1	<b>46.9</b>	0.4	2.2	<b>60.7</b>	1.4	0.9	
		6.2	3.2		4.8	3.6		8.7	1.4		2.9	3.7		6.8	1.2	
<b>KZGFYV</b>	<b>20.0</b>	0.7	0.1	<b>21.4</b>	0.5	0.2	<b>20.4</b>	1.0	0.2	<b>42.5</b>	-0.2	0.6	<b>61.5</b>	1.5	1.5	
		2.4	0.2		1.4	0.3		4.7	0.2		-1.6	1.0		7.6	2.0	
<b>Y3EFFF</b>	<b>15.1</b>	-0.7	0.2	<b>20.0</b>	0.0	0.3	<b>11.6</b>	-0.9	0.4	<b>45.7</b>	0.2	0.9	<b>53.8</b>	0.0	0.6	
		-2.5	0.2		0.0	0.4		-4.1	0.5		1.6	1.6		-0.1	0.8	
<b>PAPEWM</b>	<b>14.3</b>	-0.9	0.4	<b>19.3</b>	-0.3	1.1	<b>15.3</b>	-0.1	0.4	<b>35.0</b>	-1.4		<b>52.0</b>	-0.4	1.5	
		-3.3	0.6		-0.7	1.5		-0.4	0.6		-9.1	0.0		-1.9	2.0	
<b>TPMZPJ</b>	<b>18.3</b>	0.2	1.5	<b>16.3</b>	-1.4	0.4	<b>13.7</b>	-0.4	2.4	<b>37.6</b>	-1.0	1.0	<b>55.4</b>	0.3	0.3	
		0.7	2.1		-3.7	0.6		-2.1	3.1		-6.5	1.6		1.5	0.3	
<b>YH7DHA</b>	<b>14.3</b>	-0.9	0.4	<b>20.0</b>	0.0		<b>14.7</b>	-0.2	0.4	<b>46.0</b>	0.3	0.6	<b>51.3</b>	-0.5	1.1	
		-3.3	0.6		0.0	0.0		-1.1	0.6		1.9	1.0		-2.5	1.5	
<b>HNU6YT</b>	<b>18.3</b>	0.2	0.1	<b>23.3</b>	1.3	0.5	<b>19.6</b>	0.8	0.8	<b>52.7</b>	1.3	0.8	<b>53.9</b>	0.0	0.7	
		0.7	0.2		3.3	0.7		3.9	1.0		8.6	1.4		0.1	1.0	
<b>Grand Median</b>		17.6		20.0			15.8			44.1			53.9			
<b>Median Abs Dev</b>		2.4		1.1			3.0			3.5			2.2			
<b>Avg Within Lab SD</b>		1.4		1.4			1.3			1.7			1.3			
<b>Labs Included</b>		8		8			8			8			8			
<b>Labs Reporting</b>		8		8			8			8			8			





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

NO3-N CTA (SubTestCode 128)	in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups										Data units: mg/kg
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515		
<b>6WAFT7</b>	<b>19.8</b>	1.2	<b>24.5</b>	0.8	<b>17.0</b>	1.2	<b>50.1</b>	0.7	<b>66.2</b>	0.3	
		0.8		0.9		0.7		1.4		1.2	
<b>CE8C7V</b>	<b>16.5</b>	0.8	<b>19.9</b>	1.1	<b>14.9</b>	0.7	<b>38.1</b>	1.2	<b>48.6</b>	1.4	
		0.5		1.2		0.4		2.5		5.0	
<b>Grand Median</b>	18.1		22.2		15.9		44.1		57.4		
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.7		1.1		0.6		2.0		3.7		
<b>Labs Included</b>	2		2		2		2		2		
<b>Labs Reporting</b>	2		2		2		2		2		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

NO3-N Ion Chr. (SubTestCode 129)	in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups										Data units: mg/kg			
	SRSSRS1511	SRSSRS1512	SRSSRS1513	SRSSRS1514	SRSSRS1515									
<b>XKF48E</b>	<b>19.9</b>	1.3	<b>20.5</b>	1.7	<b>19.6</b>	1.4	<b>45.2</b>	1.6	<b>69.6</b>	1.7				
		2.4		2.3		4.5		3.9		10.1				
<b>KN9DZT</b>	<b>20.4</b>	0.1	<b>24.9</b>	0.2	<b>17.3</b>	0.1	<b>52.4</b>	0.1	<b>70.0</b>	0.0				
		0.2		0.2		0.4		0.2		0.2				
<b>TPMZPJ</b>	<b>18.3</b>	1.1	<b>16.3</b>	0.4	<b>13.7</b>	1.0	<b>37.6</b>	0.7	<b>55.4</b>	0.1				
		2.1		0.6		3.1		1.6		0.3				
<b>Grand Median</b>	19.9		20.5		17.3		45.2		69.6					
<b>Median Abs Dev</b>														
<b>Avg Within Lab SD</b>	1.8		1.4		3.2		2.5		5.8					
<b>Labs Included</b>	3		3		3		3		3					
<b>Labs Reporting</b>	3		3		3		3		3					



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

NH4 - N (KCl Extr.) (SubTestCode 130)			in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups												Data units: mg/kg		
SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515					
NRW8AP	<b>28.28</b>	0.43	0.26	<b>7.08</b>	0.42	0.24	<b>12.28</b>	-0.31	0.05	<b>3.72</b>	0.01	0.23	<b>11.29</b>	0.13	0.13		
		2.03	0.22		0.50	0.13		-0.92	0.03		0.01	0.14		0.34	0.09		
6WAFT7	<b>30.20</b>	0.83	0.31	<b>5.17</b>	-1.18	0.11	<b>15.53</b>	0.78	0.25	<b>3.50</b>	-0.11	0.17	<b>20.70</b>	3.74	0.13		
		3.95	0.26		-1.42	0.06		2.34	0.15		-0.21	0.10		9.75	0.10		
C47NEY	<b>26.17</b>	-0.02	0.93	<b>10.11</b>	2.93	0.99	<b>17.37</b>	1.39	0.48	<b>8.67</b>	2.64	0.57	<b>14.45</b>	1.34	0.50		
		-0.08	0.80		3.53	0.54		4.18	0.30		4.96	0.34		3.50	0.37		
7WA3K4	<b>22.89</b>	-0.71	0.20	<b>6.45</b>	-0.11	0.87	<b>11.47</b>	-0.58	0.29	<b>4.12</b>	0.22	0.69	<b>9.77</b>	-0.46	1.14		
		-3.37	0.17		-0.13	0.48		-1.73	0.18		0.41	0.41		-1.19	0.85		
VJYMAG	<b>27.58</b>	0.28	0.55	<b>6.30</b>	-0.24	1.19	<b>11.38</b>	-0.60	0.75	<b>2.85</b>	-0.46	2.05	<b>11.95</b>	0.38	1.33		
		1.33	0.47		-0.28	0.65		-1.81	0.46		-0.86	1.22		0.99	0.99		
4RZ3B8	<b>26.33</b>	0.02	3.28	<b>6.96</b>	0.32	2.98	<b>15.07</b>	0.63	3.40	<b>2.70</b>	-0.54	3.77	<b>10.68</b>	-0.11	3.97		
		0.08	2.83		0.38	1.63		1.88	2.11		-1.01	2.24		-0.28	2.96		
C4PRLY	<b>26.33</b>	0.02	0.67	<b>7.00</b>	0.35	1.82	<b>15.00</b>	0.60	1.61	<b>9.00</b>	2.82		<b>9.00</b>	-0.75	1.34		
		0.08	0.58		0.42	1.00		1.81	1.00		5.29	0.00		-1.95	1.00		
477W66	<b>15.03</b>	-2.36	0.29	<b>7.67</b>	0.90	1.05	<b>12.20</b>	-0.33	0.58	<b>4.27</b>	0.30	0.42	<b>8.40</b>	-0.98	0.13		
		-11.22	0.25		1.08	0.58		-0.99	0.36		0.56	0.25		-2.55	0.10		
CE8C7V	<b>21.74</b>	-0.95	0.62	<b>5.53</b>	-0.88	0.57	<b>10.38</b>	-0.94	0.21	<b>2.56</b>	-0.61	0.34	<b>8.93</b>	-0.78	0.92		
		-4.51	0.54		-1.06	0.31		-2.82	0.13		-1.15	0.20		-2.02	0.69		
8NA3L2	<b>12.10</b>	-2.98	0.72	<b>4.03</b>	-2.12	0.42	<b>5.77</b>	-2.48	0.09	<b>2.67</b>	-0.55	0.68	<b>6.47</b>	-1.72	0.08		
		-14.15	0.62		-2.55	0.23		-7.43	0.06		-1.04	0.40		-4.49	0.06		
QUDDLH	<b>25.93</b>	-0.07	0.07	<b>6.13</b>	-0.37	0.38	<b>14.73</b>	0.51	0.41	<b>2.63</b>	-0.57	0.10	<b>10.93</b>	-0.01	0.20		
		-0.32	0.06		-0.45	0.21		1.54	0.25		-1.07	0.06		-0.02	0.15		
G6NDG2	<b>21.55</b>	-0.99	0.47	<b>5.67</b>	-0.76	0.22	<b>12.95</b>	-0.08	1.48	<b>2.74</b>	-0.51	0.17	<b>11.01</b>	0.02	0.21		
		-4.71	0.41		-0.91	0.12		-0.25	0.92		-0.96	0.10		0.06	0.16		
QB3B2R	<b>18.17</b>	-1.70	0.29	<b>6.57</b>	-0.01	0.42	<b>17.90</b>	1.57	0.48	<b>5.67</b>	1.05	0.76	<b>8.60</b>	-0.90	0.75		
		-8.09	0.25		-0.02	0.23		4.71	0.30		1.96	0.45		-2.35	0.56		
UB76AM	<b>27.90</b>	0.35	1.37	<b>7.73</b>	0.96	0.69	<b>13.63</b>	0.15	0.76	<b>5.83</b>	1.13	0.93	<b>13.77</b>	1.08	0.31		
		1.65	1.18		1.15	0.38		0.44	0.47		2.13	0.55		2.81	0.23		
3D69EG	<b>24.33</b>	-0.41	1.84	<b>5.34</b>	-1.03	0.25	<b>12.78</b>	-0.14	0.71	<b>3.01</b>	-0.37	0.17	<b>8.23</b>	-1.04	0.24		
		-1.92	1.59		-1.24	0.14		-0.41	0.44		-0.69	0.10		-2.72	0.18		
WR44BL	<b>24.35</b>	-0.40	0.01	<b>6.53</b>	-0.04	0.11	<b>13.44</b>	0.08	0.01	<b>3.83</b>	0.07	0.00	<b>11.50</b>	0.21	0.13		
		-1.90	0.01		-0.05	0.06		0.25	0.01		0.12	0.00		0.55	0.10		
BRWXP6	<b>26.17</b>	-0.02	0.02	<b>6.07</b>	-0.43	0.05	<b>11.44</b>	-0.59	0.10	<b>2.67</b>	-0.55	0.05	<b>10.48</b>	-0.18	0.03		
		-0.09	0.02		-0.52	0.03		-1.76	0.06		-1.04	0.03		-0.47	0.02		
4F7V8B	<b>28.97</b>	0.57	0.12	<b>6.77</b>	0.15	0.11	<b>15.67</b>	0.83	0.26	<b>3.70</b>	-0.01	0.04	<b>11.80</b>	0.32	0.20		
		2.72	0.10		0.18	0.06		2.48	0.16		-0.01	0.02		0.85	0.15		
CZ7M44	<b>27.00</b>	0.16	1.03	<b>7.39</b>	0.67	1.29	<b>11.83</b>	-0.45	0.97	<b>7.32</b>	1.93	0.69	<b>11.60</b>	0.25	0.13		
		0.75	0.89		0.81	0.71		-1.36	0.60		3.61	0.41		0.65	0.10		
HMD97T	<b>26.82</b>	0.12	0.10	<b>6.70</b>	0.09	0.04	<b>12.04</b>	-0.38	0.22	<b>2.90</b>	-0.43	0.03	<b>10.95</b>	0.00	0.04		
		0.57	0.09		0.11	0.02		-1.15	0.14		-0.81	0.02		0.00	0.03		



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>PVAGRL</b>	<b>29.70</b>	0.73	0.76	<b>4.60</b>	-1.65	0.66	<b>16.57</b>	1.13	1.39	<b>5.07</b>	0.73	1.14			
		3.45	0.66		-1.98	0.36		3.38	0.86		1.36	0.68			
<b>4PWGDA</b>	<b>25.00</b>	-0.26		<b>6.70</b>	0.10		<b>10.40</b>	-0.93		<b>3.80</b>	0.05		<b>10.70</b>	-0.10	
		-1.25	0.00		0.12	0.00		-2.79	0.00		0.09	0.00		-0.25	0.00
<b>B63RJ3</b>	<b>32.23</b>	1.26	1.66	<b>7.17</b>	0.48	0.69	<b>14.83</b>	0.55	1.30	<b>2.93</b>	-0.41	0.42	<b>13.43</b>	0.95	0.39
		5.98	1.43		0.58	0.38		1.64	0.81		-0.77	0.25		2.48	0.29
<b>6YCNP4</b>	<b>28.87</b>	0.55	0.66	<b>6.60</b>	0.01	1.85	<b>13.70</b>	0.17	0.43	<b>3.93</b>	0.12	0.70	<b>11.13</b>	0.07	0.47
		2.62	0.57		0.02	1.01		0.51	0.26		0.23	0.42		0.18	0.35
<b>Grand Median</b>		26.3			6.58			13.2			3.71			11.0	
<b>Median Abs Dev</b>		2.0			0.51			1.7			0.91			1.0	
<b>Avg Within Lab SD</b>		0.9			0.55			0.6			0.59			0.7	
<b>Labs Included</b>		24			24			24			24			23	
<b>Labs Reporting</b>		24			24			24			24			23	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Amino Nitrogen (SubTestCode 131)	in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups								Data units: mg/kg
	SRSSRS1511	SRSSRS1512	SRSSRS1513	SRSSRS1514	SRSSRS1515	SRSSRS1515	SRSSRS1515	SRSSRS1515	SRSSRS1515
<b>LDGEMR</b>	<b>100.8</b>	<b>82.5</b>	<b>117.5</b>	<b>74.2</b>	<b>100.8</b>	<b>82.5</b>	<b>117.5</b>	<b>74.2</b>	<b>100.8</b>
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	8.8	5.0	0.00	2.5	2.9	2.9	2.9	2.9	2.9
<b>Grand Median</b>	100.8	82.5	117.5	74.2	100.8	82.5	117.5	74.2	100.8
<b>Median Abs Dev</b>	8.8	5.0	0.00	2.5	2.9	2.9	2.9	2.9	2.9
<b>Avg Within Lab SD</b>	8.8	5.0	0.00	2.5	2.9	2.9	2.9	2.9	2.9
<b>Labs Included</b>	1	1	0	1	1	1	1	1	1
<b>Labs Reporting</b>	1	1	0	1	1	1	1	1	1



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

PO4-P Bray P1 (1:10) (SubTestCode 132)			in the Phosphorus and Sulfur Property Groups												Data units: mg/kg	
SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515				
6WAF7	26.2	0.1	0.2	14.0	0.1	0.3	56.9	-1.8	0.7	67.0	1.6	0.4	54.4	0.8	0.1	
		0.3	0.2		0.2	0.2		-11.6	1.7		9.5	0.6		3.8	0.1	
26FBY9	28.0	0.8	1.1	14.0	0.1		78.3	1.5	0.5	59.3	0.3	1.4	53.0	0.5	0.7	
		2.1	1.0		0.2	0.0		9.8	1.2		1.8	2.1		2.4	1.0	
MGZK6N	23.5	-0.9	0.3	14.4	0.4	0.5	61.8	-1.0	0.6	48.1	-1.6	0.9	45.5	-1.1	0.9	
		-2.4	0.3		0.6	0.3		-6.7	1.4		-9.5	1.3		-5.1	1.2	
C47NEY	25.6	-0.1	0.3	11.5	-1.6	0.8	66.8	-0.3	0.1	58.5	0.2	0.3	50.3	-0.1	0.1	
		-0.3	0.3		-2.3	0.4		-1.7	0.2		1.0	0.4		-0.3	0.2	
VJYMAG	24.7	-0.4	2.9	14.9	0.7	0.5	57.6	-1.7	1.4	69.3	2.0	0.3	53.2	0.6	2.3	
		-1.2	2.7		1.1	0.3		-10.9	3.4		11.8	0.5		2.6	3.2	
4RZ3B8	27.1	0.4	0.5	13.9	0.1	1.9	75.7	1.1	0.9	58.8	0.2	2.0	54.7	0.9	1.4	
		1.2	0.5		0.1	1.0		7.2	2.3		1.3	3.0		4.1	1.9	
8MDKJZ	25.5	-0.1	1.0	15.8	1.4	0.6	71.6	0.5	0.7	57.4	0.0	0.7	44.8	-1.2	1.1	
		-0.4	0.9		2.1	0.3		3.1	1.7		-0.2	1.0		-5.8	1.5	
CE8C7V	23.6	-0.8	0.9	13.3	-0.4	0.9	62.0	-1.0	1.6	65.6	1.4	0.3	50.9	0.1	0.9	
		-2.3	0.9		-0.5	0.5		-6.5	3.9		8.1	0.4		0.3	1.3	
DZKJUJ	28.7	1.0	0.6	14.7	0.6	1.1	68.7	0.0	0.2	58.7	0.2	0.4	60.0	2.0	0.7	
		2.8	0.6		0.9	0.6		0.2	0.6		1.2	0.6		9.4	1.0	
QUDDLH	28.0	0.8		12.7	-0.8	1.1	74.7	0.9	0.5	54.3	-0.5	1.0	52.0	0.3		
		2.1	0.0		-1.1	0.6		6.2	1.2		-3.2	1.5		1.4	0.0	
KQRJHN	31.7	2.1	1.3	15.0	0.8		67.7	-0.1	1.0	57.7	0.0	1.0	48.3	-0.5	0.4	
		5.8	1.2		1.2	0.0		-0.8	2.5		0.2	1.5		-2.3	0.6	
G9MNCZ	25.1	-0.3	0.7	12.2	-1.1	1.1	62.6	-0.9	0.4	54.3	-0.5	0.3	43.7	-1.5	0.4	
		-0.8	0.6		-1.6	0.6		-5.9	0.9		-3.2	0.5		-6.9	0.6	
G6NDG2	30.3	1.6	0.2	14.3	0.4	0.7	78.2	1.5	0.1	60.2	0.5	0.2	57.6	1.5	0.2	
		4.4	0.1		0.5	0.4		9.7	0.3		2.7	0.2		7.0	0.3	
KZGFYV	29.0	1.1		14.3	0.4	1.1	72.3	0.6	1.3	57.7	0.0	0.8	49.3	-0.3	0.4	
		3.1	0.0		0.6	0.6		3.8	3.2		0.2	1.2		-1.3	0.6	
UB76AM	24.0	-0.7		11.0	-1.9		65.7	-0.4	0.6	50.3	-1.2	0.4	47.3	-0.7	0.4	
		-1.9	0.0		-2.8	0.0		-2.8	1.5		-7.2	0.6		-3.3	0.6	
BL7NF7	27.3	0.5	1.7	13.7	-0.1	1.1	70.0	0.2	0.8	55.0	-0.4	2.4	52.3	0.4	0.4	
		1.4	1.5		-0.1	0.6		1.5	2.0		-2.5	3.6		1.7	0.6	
KXVCQX	24.3	-0.6	0.8	12.1	-1.1	1.0	74.6	0.9	0.5	49.4	-1.4	0.7	49.6	-0.2	0.3	
		-1.6	0.8		-1.7	0.5		6.1	1.1		-8.1	1.1		-1.0	0.5	
EDKTTZ	24.3	-0.6	0.6	14.0	0.1	1.9	67.7	-0.1	0.5	58.7	0.2	0.4	52.7	0.4	1.1	
		-1.6	0.6		0.2	1.0		-0.8	1.2		1.2	0.6		2.1	1.5	
GLNMZX	25.0	-0.3		12.7	-0.8	0.6	68.3	0.0	1.6	54.3	-0.5	0.8	48.0	-0.6		
		-0.9	0.0		-1.1	0.3		-0.2	4.0		-3.2	1.2		-2.6	0.0	
RKW4MM	29.7	1.4	1.3	12.7	-0.8	1.1	73.0	0.7	1.1	52.7	-0.8	1.4	48.7	-0.4	1.1	
		3.8	1.2		-1.1	0.6		4.5	2.6		-4.9	2.1		-1.9	1.5	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>4F7V8B</b>	<b>26.5</b>	0.2	0.9	<b>12.1</b>	-1.1	0.1	<b>68.3</b>	0.0	0.4	<b>55.1</b>	-0.4	0.1	<b>49.4</b>	-0.3	0.3
		0.6	0.8		-1.7	0.1		-0.2	1.1		-2.4	0.2		-1.2	0.5
<b>PAPEWM</b>	<b>24.3</b>	-0.6	0.6	<b>13.0</b>	-0.5		<b>67.7</b>	-0.1	1.0	<b>47.7</b>	-1.7	1.0	<b>46.7</b>	-0.8	0.4
		-1.6	0.6		-0.8	0.0		-0.8	2.5		-9.9	1.5		-3.9	0.6
<b>B63RJ3</b>	<b>23.7</b>	-0.8	1.7	<b>13.0</b>	-0.5	1.9	<b>69.3</b>	0.1	2.7	<b>56.0</b>	-0.3	1.7	<b>53.7</b>	0.7	3.0
		-2.2	1.5		-0.8	1.0		0.8	6.7		-1.5	2.6		3.1	4.2
<b>PN7ACJ</b>	<b>26.3</b>	0.2	0.6	<b>14.3</b>	0.4	1.1	<b>73.0</b>	0.7	0.4	<b>59.3</b>	0.3	0.8	<b>53.3</b>	0.6	0.8
		0.4	0.6		0.6	0.6		4.5	1.0		1.8	1.2		2.7	1.2
<b>Grand Median</b>		25.9			13.8			68.5			57.5			50.6	
<b>Median Abs Dev</b>		1.6			0.8			4.2			2.6			2.6	
<b>Avg Within Lab SD</b>		0.9			0.5			2.5			1.5			1.4	
<b>Labs Included</b>		24			24			24			24			24	
<b>Labs Reporting</b>		24			24			24			24			24	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

PO4-P Bray P (1:7) (SubTestCode 133)	in the Phosphorus and Sulfur Property Groups															Data units: mg/kg
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>C4PRLY</b>	<b>20.0</b>	-0.1	1.6	<b>11.0</b>	-0.6	1.3	<b>55.3</b>	-0.9	1.1	<b>40.0</b>	-0.7	0.9	<b>42.3</b>	-0.7	0.6	
		-0.7	1.0		-1.4	1.0		-7.4	3.5		-9.8	1.0		-4.7	0.6	
<b>CE8C7V</b>	<b>23.6</b>	0.5	1.3	<b>13.3</b>	0.4	0.6	<b>62.0</b>	-0.1	1.2	<b>65.6</b>	1.2	0.4	<b>50.9</b>	0.6	1.3	
		2.9	0.9		0.9	0.5		-0.7	3.9		15.8	0.4		3.9	1.3	
<b>QB3B2R</b>	<b>19.7</b>	-0.2	0.9	<b>12.3</b>	0.0	1.9	<b>64.0</b>	0.2	0.6	<b>47.3</b>	-0.2	0.5	<b>47.3</b>	0.1	1.5	
		-1.0	0.6		0.0	1.5		1.3	2.0		-2.4	0.6		0.3	1.5	
<b>6YCNP4</b>	<b>21.7</b>	0.2	0.9	<b>12.4</b>	0.0	0.6	<b>47.0</b>	-1.9	1.7	<b>52.2</b>	0.2	1.1	<b>46.7</b>	-0.1	1.2	
		1.0	0.6		0.0	0.5		-15.7	5.4		2.4	1.2		-0.3	1.2	
<b>Q77MKK</b>	<b>2.5</b>	-3.0		<b>5.5</b>	-2.9		<b>70.7</b>	1.0		<b>39.8</b>	-0.8		<b>35.5</b>	-1.8		
		-18.2	0.0		-6.9	0.0		8.0	0.0		-10.0	0.0		-11.5	0.0	
<b>ALBLDW</b>	<b>21.4</b>	0.1	0.5	<b>12.7</b>	0.1	0.3	<b>63.4</b>	0.1	0.0	<b>62.3</b>	1.0	1.8	<b>51.9</b>	0.8	0.5	
		0.7	0.3		0.3	0.2		0.7	0.1		12.5	2.0		4.9	0.5	
<b>Grand Median</b>		20.7			12.4			62.7			49.8			47.0		
<b>Median Abs Dev</b>		1.0			0.6			4.3			9.9			4.3		
<b>Avg Within Lab SD</b>		0.6			0.8			3.2			1.1			1.0		
<b>Labs Included</b>		6			6			6			6			6		
<b>Labs Reporting</b>		6			6			6			6			6		





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

PO4-P Olsen/Bicarb (1:20) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
<b>6WAFI7</b>	<b>12.50</b>	-0.22	0.43	<b>7.17</b>	0.00	0.09	<b>15.70</b>	-0.27	0.09	<b>33.80</b>	0.15	0.17	<b>27.47</b>	0.02	0.38
		-0.90	0.36		0.00	0.06		-1.53	0.17		1.80	0.35		0.14	0.58
<b>FQP3HU</b>	<b>11.63</b>	-0.43	0.36	<b>5.60</b>	-0.49	0.32	<b>17.47</b>	0.04	0.17	<b>27.33</b>	-0.40	0.07	<b>26.23</b>	-0.15	0.33
		-1.77	0.31		-1.57	0.20		0.23	0.32		-4.67	0.14		-1.10	0.49
<b>C47NEY</b>	<b>17.00</b>	0.88	0.31	<b>11.03</b>	1.20	0.24	<b>26.31</b>	1.58	0.45	<b>35.43</b>	0.29	0.20	<b>39.47</b>	1.62	0.27
		3.60	0.26		3.87	0.15		9.08	0.87		3.43	0.40		12.14	0.40
<b>7WA3K4</b>	<b>15.30</b>	0.47	0.35	<b>10.39</b>	1.00	0.28	<b>16.55</b>	-0.12	0.06	<b>38.53</b>	0.55	0.15	<b>28.13</b>	0.11	0.27
		1.90	0.29		3.23	0.17		-0.69	0.11		6.53	0.31		0.80	0.42
<b>4RZ3B8</b>	<b>13.47</b>	0.02	0.77	<b>5.73</b>	-0.44	0.24	<b>18.63</b>	0.24	0.44	<b>30.27</b>	-0.15	0.54	<b>28.23</b>	0.12	0.63
		0.07	0.65		-1.43	0.15		1.40	0.85		-1.73	1.10		0.90	0.95
<b>C4PRLY</b>	<b>13.67</b>	0.07	1.81	<b>8.00</b>	0.26	1.60	<b>17.00</b>	-0.04		<b>27.00</b>	-0.42	0.86	<b>29.00</b>	0.22	0.66
		0.27	1.53		0.83	1.00		-0.23	0.00		-5.00	1.73		1.67	1.00
<b>8MDKJZ</b>	<b>19.90</b>	1.59	0.85	<b>7.70</b>	0.17	0.73	<b>26.50</b>	1.62	0.41	<b>32.53</b>	0.05	0.48	<b>29.87</b>	0.34	1.03
		6.50	0.72		0.53	0.46		9.27	0.79		0.53	0.96		2.54	1.56
<b>477W66</b>	<b>13.67</b>	0.07	1.37	<b>7.67</b>	0.15	0.92	<b>33.00</b>	2.75	0.51	<b>47.67</b>	1.32	0.29	<b>26.33</b>	-0.13	0.76
		0.27	1.15		0.50	0.58		15.77	1.00		15.67	0.58		-1.00	1.15
<b>CE8C7V</b>	<b>14.87</b>	0.36	1.42	<b>8.65</b>	0.46	1.16	<b>16.17</b>	-0.19	0.68	<b>33.27</b>	0.11	0.47	<b>28.67</b>	0.18	1.37
		1.47	1.20		1.48	0.72		-1.07	1.32		1.27	0.95		1.34	2.08
<b>DZKJUJ</b>	<b>14.33</b>	0.23	0.68	<b>6.00</b>	-0.36		<b>16.67</b>	-0.10	0.30	<b>31.67</b>	-0.03	0.29	<b>25.67</b>	-0.22	0.38
		0.93	0.58		-1.17	0.00		-0.57	0.58		-0.33	0.58		-1.66	0.58
<b>JR9FBN</b>	<b>17.30</b>	0.96	0.62	<b>8.60</b>	0.44	0.28	<b>20.67</b>	0.60	0.30	<b>40.27</b>	0.70	1.27	<b>35.30</b>	1.07	0.71
		3.90	0.52		1.43	0.17		3.43	0.58		8.27	2.57		7.97	1.08
<b>8NA3L2</b>	<b>23.67</b>	2.52	0.68	<b>15.67</b>	2.63	0.92	<b>21.33</b>	0.72	0.59	<b>47.33</b>	1.30	0.57	<b>39.67</b>	1.65	0.38
		10.27	0.58		8.50	0.58		4.10	1.15		15.33	1.15		12.34	0.58
<b>4XQDK7</b>	<b>8.08</b>	-1.30	0.03	<b>5.23</b>	-0.60	0.09	<b>11.81</b>	-0.95	0.13	<b>18.68</b>	-1.13	0.01	<b>15.44</b>	-1.59	0.06
		-5.32	0.03		-1.94	0.06		-5.42	0.25		-13.32	0.03		-11.89	0.10
<b>32WJM7</b>	<b>15.37</b>	0.48	0.25	<b>6.77</b>	-0.12	0.09	<b>18.10</b>	0.15	0.09	<b>40.93</b>	0.76	0.20	<b>32.83</b>	0.74	0.14
		1.97	0.21		-0.40	0.06		0.87	0.17		8.93	0.40		5.50	0.21
<b>QUDDLH</b>	<b>14.33</b>	0.23	0.68	<b>6.67</b>	-0.15	0.92	<b>14.67</b>	-0.45	0.30	<b>32.33</b>	0.03	0.29	<b>27.00</b>	-0.04	1.32
		0.93	0.58		-0.50	0.58		-2.57	0.58		0.33	0.58		-0.33	2.00
<b>M8UYGL</b>	<b>13.13</b>	-0.07	2.87	<b>7.17</b>	0.00	2.56	<b>13.67</b>	-0.62	0.30	<b>31.23</b>	-0.06	0.53	<b>26.77</b>	-0.08	1.85
		-0.27	2.42		0.00	1.61		-3.57	0.58		-0.77	1.08		-0.56	2.80
<b>UB76AM</b>	<b>10.33</b>	-0.75	0.68	<b>4.33</b>	-0.88	0.92	<b>17.00</b>	-0.04	0.51	<b>26.67</b>	-0.45	0.76	<b>26.00</b>	-0.18	0.66
		-3.07	0.58		-2.83	0.58		-0.23	1.00		-5.33	1.53		-1.33	1.00
<b>BL7NF7</b>	<b>12.33</b>	-0.26	0.68	<b>5.67</b>	-0.46	0.92	<b>21.33</b>	0.72	0.59	<b>26.27</b>	-0.48	0.51	<b>27.57</b>	0.03	0.25
		-1.07	0.58		-1.50	0.58		4.10	1.15		-5.73	1.02		0.24	0.38
<b>Y3EFFF</b>	<b>12.97</b>	-0.11	0.97	<b>5.80</b>	-0.42	0.56	<b>15.67</b>	-0.27	0.18	<b>34.51</b>	0.21	0.10	<b>27.19</b>	-0.02	0.10
		-0.43	0.82		-1.37	0.35		-1.56	0.36		2.51	0.20		-0.14	0.15
<b>RKW4MM</b>	<b>13.33</b>	-0.02	0.68	<b>7.67</b>	0.15	0.92	<b>17.67</b>	0.08	0.30	<b>26.33</b>	-0.48	0.76	<b>28.33</b>	0.13	0.38
		-0.07	0.58		0.50	0.58		0.43	0.58		-5.67	1.53		1.00	0.58



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference		W/L STD	Difference		W/L STD	Difference		W/L STD	Difference		W/L STD	Difference		W/L STD
<b>CZ7M44</b>	<b>10.67</b>	-0.67	0.68	<b>5.17</b>	-0.62	0.09	<b>11.00</b>	-1.09		<b>30.67</b>	-0.11	0.57	<b>24.33</b>	-0.40	0.76
		-2.73	0.58		-2.00	0.06		-6.23	0.00		-1.33	1.15		-3.00	1.15
<b>PAPEWM</b>	<b>11.00</b>	-0.59	2.37	<b>5.33</b>	-0.57	0.92	<b>19.00</b>	0.31	2.06	<b>26.67</b>	-0.45	1.74	<b>27.00</b>	-0.04	1.98
		-2.40	2.00		-1.83	0.58		1.77	4.00		-5.33	3.51		-0.33	3.00
<b>KMCVXR</b>	<b>10.80</b>	-0.64		<b>6.20</b>	-0.30		<b>14.40</b>	-0.49		<b>27.60</b>	-0.37		<b>23.20</b>	-0.55	
		-2.60	0.00		-0.97	0.00		-2.83	0.00		-4.40	0.00		-4.13	0.00
<b>8QG8D6</b>	<b>19.62</b>	1.53	0.77	<b>11.63</b>	1.38	2.97	<b>32.05</b>	2.58	1.63	<b>99.39</b>	5.70	3.93	<b>72.03</b>	5.97	2.69
		6.22	0.65		4.47	1.86		14.81	3.17		67.39	7.92		44.70	4.07
<b>4PWGDA</b>	<b>10.70</b>	-0.66		<b>4.60</b>	-0.80		<b>13.30</b>	-0.69		<b>29.90</b>	-0.18		<b>24.40</b>	-0.39	
		-2.70	0.00		-2.57	0.00		-3.93	0.00		-2.10	0.00		-2.93	0.00
<b>TPMZPJ</b>	<b>8.50</b>	-1.20	1.09	<b>20.47</b>	4.12	0.90	<b>25.83</b>	1.50	4.47	<b>46.20</b>	1.20	2.31	<b>21.20</b>	-0.82	2.58
		-4.90	0.92		13.30	0.56		8.60	8.69		14.20	4.65		-6.13	3.91
<b>6YCNP4</b>	<b>12.33</b>	-0.26	0.68	<b>9.00</b>	0.57	1.60	<b>13.00</b>	-0.74	0.51	<b>31.33</b>	-0.06	0.57	<b>25.67</b>	-0.22	0.38
		-1.07	0.58		1.83	1.00		-4.23	1.00		-0.67	1.15		-1.66	0.58
<b>Q77MKK</b>	<b>24.50</b>	2.72		<b>9.46</b>	0.71		<b>19.19</b>	0.34		<b>60.54</b>	2.41		<b>41.93</b>	1.95	
		11.10	0.00		2.29	0.00		1.96	0.00		28.54	0.00		14.60	0.00
<b>P43R2G</b>	<b>10.95</b>	-0.60	0.45	<b>5.00</b>	-0.67	0.12	<b>12.43</b>	-0.84	0.14	<b>31.53</b>	-0.04	0.21	<b>24.58</b>	-0.37	0.07
		-2.45	0.38		-2.17	0.07		-4.81	0.27		-0.47	0.42		-2.75	0.10
<b>ALBLDW</b>	<b>14.78</b>	0.34	0.25	<b>7.47</b>	0.09	0.37	<b>17.97</b>	0.13	0.13	<b>39.75</b>	0.66	0.02	<b>33.94</b>	0.88	0.33
		1.38	0.21		0.30	0.23		0.74	0.25		7.75	0.03		6.61	0.50
<b>WN9D4A</b>	<b>77.36</b>	15.69	3.04	<b>42.38</b>	10.91	3.20	<b>58.23</b>	7.15	1.46	<b>124.05</b>	7.78	0.96	<b>110.47</b>	11.11	0.51
		63.96	2.56		35.21	2.00		41.00	2.84		92.05	1.94		83.14	0.78
<b>Grand Median</b>		13.4		7.17			17.2			32.0			27.3		
<b>Median Abs Dev</b>		1.9		1.49			2.7			4.8			1.7		
<b>Avg Within Lab SD</b>		0.8		0.63			1.9			2.0			1.5		
<b>Labs Included</b>		30		30			30			30			30		
<b>Labs Reporting</b>		30		30			30			30			30		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

PO4-P M. Morgan (SubTestCode 135)	in the Phosphorus and Sulfur Property Groups										Data units: mg/kg
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515		
<b>XKF48E</b>	<b>1.07</b>	0.14	<b>1.07</b>	1.41	<b>1.50</b>	1.18	<b>18.00</b>	1.22	<b>1.17</b>	1.41	
		0.06		0.06		0.87		1.73		0.29	
<b>6YCNP4</b>	<b>1.67</b>	1.41	<b>3.00</b>	0.00	<b>4.67</b>	0.78	<b>24.00</b>	0.71	<b>6.00</b>	0.00	
		0.58				0.58		1.00			
<b>Grand Median</b>		1.37		2.03		3.08		21.0		3.58	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>		0.41		0.04		0.74		1.4		0.20	
<b>Labs Included</b>		2		2		2		2		2	
<b>Labs Reporting</b>		2		2		2		2		2	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

PO4-P Mod. Kelowna (SubTestCode 136)	in the Phosphorus and Sulfur Property Groups										Data units: mg/kg
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515		
<b>CZ7M44</b>	<b>18.0</b>	0.0	<b>10.7</b>	1.4	<b>49.3</b>	1.4	<b>54.3</b>	1.4	<b>39.0</b>	1.4	
				1.2		6.7		9.8		1.7	
<b>4PWGDA</b>	<b>17.3</b>	0.0	<b>9.4</b>	0.0	<b>44.0</b>	0.0	<b>51.0</b>	0.0	<b>37.5</b>	0.0	
<b>Grand Median</b>	17.7		10.0		46.7		52.7		38.3		
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.0		0.8		4.7		6.9		1.2		
<b>Labs Included</b>	2		2		2		2		2		
<b>Labs Reporting</b>	2		2		2		2		2		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

PO4-P Strong Bray (1:10) (SubTestCode 137)	in the Phosphorus and Sulfur Property Groups															Data units: mg/kg
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>6WAFT7</b>	<b>62.4</b>	-0.6	0.2	<b>51.6</b>	0.0	1.3	<b>59.2</b>	-2.1	1.1	<b>89.0</b>	1.1	1.5	<b>152.6</b>	0.0	1.8	
		-9.0	0.5		0.0	2.2		-15.8	2.4		9.7	2.9		0.0	4.8	
<b>C47NEY</b>	<b>77.4</b>	0.4	0.4	<b>58.5</b>	0.5	0.3	<b>75.3</b>	0.0	0.3	<b>95.5</b>	1.8	0.0	<b>180.3</b>	0.9	0.6	
		6.0	1.1		6.9	0.4		0.3	0.6		16.2	0.1		27.7	1.5	
<b>QUDDLH</b>	<b>83.7</b>	0.9	0.8	<b>66.3</b>	1.2	0.3	<b>82.3</b>	1.0	0.5	<b>79.3</b>	0.0	0.8	<b>186.0</b>	1.1	0.8	
		12.3	2.1		14.7	0.6		7.3	1.2		0.0	1.5		33.4	2.0	
<b>UB76AM</b>	<b>50.7</b>	-1.5	0.6	<b>36.0</b>	-1.2		<b>75.0</b>	0.0	0.5	<b>77.3</b>	-0.2	0.3	<b>123.3</b>	-0.9	0.2	
		-20.7	1.5		-15.6	0.0		0.0	1.0		-2.0	0.6		-29.3	0.6	
<b>RKW4MM</b>	<b>71.3</b>	0.0	2.0	<b>46.0</b>	-0.4	1.8	<b>73.3</b>	-0.2	1.8	<b>76.7</b>	-0.3	1.5	<b>137.3</b>	-0.5	0.9	
		0.0	5.1		-5.6	3.0		-1.7	3.8		-2.7	2.9		-15.3	2.3	
<b>Grand Median</b>		71.3		51.6			75.0			79.3			152.6			
<b>Median Abs Dev</b>		9.0		6.9			1.7			2.7			27.7			
<b>Avg Within Lab SD</b>		2.6		1.7			2.1			2.0			2.6			
<b>Labs Included</b>		5		5			5			5			5			
<b>Labs Reporting</b>		5		5			5			5			5			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

PO4-P Water Soluble (SubTestCode 138)	in the Phosphorus and Sulfur Property Groups										Data units: mg/kg
SRSSRS1511	SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515				
<b>8QG8D6</b>	<b>0.65</b>	1.00 0.03	<b>0.76</b>	1.00 0.09	<b>0.86</b>	1.00 0.03	<b>1.85</b>	1.00 0.10	<b>0.97</b>	1.00 0.12	
<b>Grand Median</b>	0.65		0.76		0.86		1.85		0.97		
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.03		0.09		0.03		0.10		0.12		
<b>Labs Included</b>	1		1		1		1		1		
<b>Labs Reporting</b>	1		1		1		1		1		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

SO4 - S (PO4 Extr.) (SubTestCode 139)	in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515				
NRW8AP	8.17	0.17	0.38	5.17	-0.19	0.35	3.83	0.01	0.47	3.67	0.00	0.35	4.50	0.07			
		0.67	0.29		-0.64	0.29		0.03	0.29		0.00	0.29		0.19	0.00		
C47NEY	11.77	1.08	0.40	14.00	2.43	0.21	11.00	2.65	0.48	12.70	3.73	0.48	8.39	1.45	0.26		
		4.27	0.31		8.19	0.17		7.20	0.30		9.03	0.40		4.08	0.26		
7WA3K4	8.49	0.25	1.51	5.60	-0.06	0.01	3.31	-0.18	0.47	3.34	-0.13	0.05	4.31	0.00	0.10		
		1.00	1.15		-0.21	0.01		-0.49	0.29		-0.32	0.04		0.00	0.10		
VJYMAG	6.21	-0.32	1.71	7.26	0.43	2.25	3.48	-0.12	1.79	4.94	0.53	2.97	5.51	0.43	2.17		
		-1.29	1.30		1.45	1.86		-0.32	1.11		1.28	2.46		1.20	2.16		
4RZ3B8	8.00	0.13	1.32	4.67	-0.34	1.40	5.33	0.56	0.93	4.00	0.14	1.21	4.67	0.13	0.58		
		0.51	1.00		-1.14	1.15		1.53	0.58		0.33	1.00		0.36	0.58		
C4PRLY	9.00	0.38	1.32	6.00	0.06		4.33	0.20	0.93	3.67	0.00	0.70	6.33	0.72	0.58		
		1.51	1.00		0.19	0.00		0.53	0.58		0.00	0.58		2.02	0.58		
CE8C7V	11.17	0.93	1.32	9.60	1.12	0.84	3.77	-0.01	0.61	6.07	0.99	0.46	8.33	1.43	0.56		
		3.67	1.00		3.79	0.69		-0.03	0.38		2.40	0.38		4.02	0.55		
DZKJUJ	6.00	-0.38		4.67	-0.34	0.70	5.33	0.56	0.93	3.00	-0.28		4.00	-0.11			
		-1.49	0.00		-1.14	0.58		1.53	0.58		-0.67	0.00		-0.31	0.00		
QUDDLH	7.67	0.04	0.76	4.33	-0.44	0.70	3.33	-0.17	0.93	3.00	-0.28		4.00	-0.11			
		0.17	0.58		-1.48	0.58		-0.47	0.58		-0.67	0.00		-0.31	0.00		
M8UYGL	11.19	0.93	1.64	10.15	1.29	1.21	5.22	0.52	0.69	7.00	1.38	1.74	10.14	2.07	1.24		
		3.70	1.25		4.34	1.00		1.42	0.43		3.33	1.44		5.83	1.23		
KZGFYV	23.00	3.91		18.00	3.61	1.21	13.33	3.51	0.93	6.67	1.24	1.40	11.00	2.38			
		15.51	0.00		12.19	1.00		9.53	0.58		3.00	1.15		6.69	0.00		
BL7NF7	5.91	-0.40	0.06	5.91	0.03	0.16	5.41	0.59	0.54	5.60	0.80	0.72	3.36	-0.34	0.80		
		-1.58	0.04		0.10	0.13		1.61	0.33		1.93	0.59		-0.95	0.79		
4C4V8E	5.33	-0.54	0.76	4.33	-0.44	0.70	3.33	-0.17	0.93	3.00	-0.28		3.67	-0.23	0.58		
		-2.16	0.58		-1.48	0.58		-0.47	0.58		-0.67	0.00		-0.64	0.58		
RKW4MM	5.00	-0.63		5.00	-0.24		3.67	-0.05	0.93	3.33	-0.14	0.70	3.67	-0.23	0.58		
		-2.49	0.00		-0.81	0.00		-0.13	0.58		-0.33	0.58		-0.64	0.58		
CZ7M44	5.13	-0.60	0.50	5.37	-0.13	0.70	2.67	-0.42	0.52	3.60	-0.03	0.32	4.00	-0.11	0.40		
		-2.36	0.38		-0.44	0.58		-1.13	0.32		-0.07	0.26		-0.31	0.40		
PAPEWM	5.00	-0.63	1.32	9.00	0.95	2.43	7.33	1.30	2.47	7.33	1.51	0.70	9.00	1.67	3.02		
		-2.49	1.00		3.19	2.00		3.53	1.53		3.67	0.58		4.69	3.00		
4PWGDA	5.20	-0.58		6.10	0.09								4.20	-0.04			
		-2.29	0.00		0.29	0.00								-0.11	0.00		
B63RJ3	3.87	-0.91	1.48	3.63	-0.64	0.49	2.60	-0.44	0.70	2.13	-0.63	0.18	1.53	-0.99	0.21		
		-3.63	1.12		-2.18	0.40		-1.20	0.44		-1.53	0.15		-2.78	0.21		
TPMZPJ	37.23	7.50	1.39	35.68	8.85	6.67	22.69	6.96	3.73	20.03	6.76	4.09	31.99	9.83	4.45		
		29.74	1.05		29.87	5.50		18.89	2.31		16.36	3.38		27.68	4.41		
WN9D4A	7.49	0.00	0.49	5.81	0.00	0.19	2.00	-0.66	0.20	3.51	-0.07	0.14	3.36	-0.34	0.08		
		0.00	0.38		0.00	0.16		-1.80	0.13		-0.16	0.11		-0.95	0.08		



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Grand Median</b>		7.49		5.81		3.80		3.67		4.31					
<b>Median Abs Dev</b>		2.16		1.14		1.17		0.67		0.95					
<b>Avg Within Lab SD</b>		0.76		0.82		0.62		0.83		0.99					
<b>Labs Included</b>		19		19		18		18		19					
<b>Labs Reporting</b>		19		19		18		18		19					





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

	K Ammonium Acetate (SubTestCode 140) in the Bases (1:10) Property Groups															Data units: mg/kg	
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515				
<b>26FBY9</b>	<b>96.2</b>	1.1	1.6	<b>314.9</b>	-0.4	0.7	<b>32.5</b>	0.1	0.1	<b>163.7</b>	-0.4	0.6	<b>405.7</b>	0.0	0.4		
		12.2	5.7		-21.7	8.9		1.1	1.1		-15.0	4.2		-0.2	13.1		
<b>FQP3HU</b>	<b>90.4</b>	0.6	0.6	<b>333.9</b>	-0.1	0.6	<b>35.4</b>	0.4	0.1	<b>172.7</b>	-0.1	1.2	<b>408.7</b>	0.1	0.1		
		6.4	2.3		-2.7	7.5		4.1	1.0		-6.0	8.3		2.8	3.2		
<b>C47NEY</b>	<b>105.6</b>	1.9	1.9	<b>384.7</b>	0.9	0.4	<b>38.4</b>	0.7	0.1	<b>189.4</b>	0.2	0.4	<b>463.3</b>	1.0	0.1		
		21.6	6.8		48.0	5.9		7.1	1.3		10.6	2.9		57.4	4.6		
<b>7WA3K4</b>	<b>87.2</b>	0.3	0.3	<b>357.3</b>	0.4	0.2	<b>34.2</b>	0.3	0.1	<b>174.3</b>	-0.1	0.1	<b>356.9</b>	-0.9	1.5		
		3.2	1.2		20.7	2.2		2.8	1.3		-4.4	0.9		-49.0	50.1		
<b>VJYMAG</b>	<b>89.2</b>	0.5	3.3	<b>377.4</b>	0.8	2.3	<b>27.5</b>	-0.4	0.0	<b>225.0</b>	1.1	1.2	<b>429.8</b>	0.4	0.6		
		5.2	11.8		40.8	30.6		-3.9	0.8		46.3	8.4		23.9	19.5		
<b>4RZ3B8</b>	<b>82.7</b>	-0.1	1.2	<b>295.7</b>	-0.8	0.3	<b>44.7</b>	1.3	0.0	<b>150.3</b>	-0.7	0.4	<b>380.7</b>	-0.5	0.1		
		-1.3	4.5		-41.0	3.5		13.3	0.6		-28.4	2.5		-25.2	4.0		
<b>C4PRLY</b>	<b>66.0</b>	-1.6	0.3	<b>279.0</b>	-1.1	0.9	<b>25.7</b>	-0.5	0.1	<b>143.3</b>	-0.8	0.2	<b>399.0</b>	-0.1	0.3		
		-18.0	1.0		-57.6	11.8		-5.7	1.2		-35.4	1.2		-6.9	9.5		
<b>8MDKJZ</b>	<b>92.0</b>	0.7	0.8	<b>328.7</b>	-0.2	0.5	<b>29.8</b>	-0.1	0.3	<b>178.7</b>	0.0	0.5	<b>403.1</b>	-0.1	0.2		
		8.0	3.0		-8.0	6.5		-1.5	4.4		0.0	3.2		-2.8	7.2		
<b>477W66</b>	<b>113.7</b>	2.6	0.4	<b>379.3</b>	0.8	0.2	<b>51.7</b>	1.9	0.0	<b>238.7</b>	1.4	0.2	<b>486.7</b>	1.5	0.0		
		29.7	1.5		42.7	2.1		20.3	0.6		59.9	1.5		80.8	1.5		
<b>CE8C7V</b>	<b>78.9</b>	-0.4	1.1	<b>339.4</b>	0.1	0.9	<b>19.5</b>	-1.1	0.3	<b>199.9</b>	0.5	1.1	<b>394.3</b>	-0.2	0.5		
		-5.1	3.9		2.7	11.9		-11.8	4.9		21.1	7.8		-11.6	17.8		
<b>DZKJUJ</b>	<b>86.3</b>	0.2	0.3	<b>323.3</b>	-0.3	0.2	<b>35.3</b>	0.4	0.0	<b>163.3</b>	-0.4	0.4	<b>391.7</b>	-0.3	0.1		
		2.3	1.2		-13.3	2.9		4.0	0.6		-15.4	2.9		-14.2	2.9		
<b>KQWZGM</b>	<b>84.0</b>	0.0	0.1	<b>307.6</b>	-0.6	0.1	<b>23.5</b>	-0.8	0.0	<b>184.9</b>	0.1	0.2	<b>371.7</b>	-0.6	0.0		
		0.0	0.4		-29.0	1.9		-7.9	0.3		6.2	1.3		-34.2	1.3		
<b>JR9FBN</b>	<b>101.3</b>	1.5	0.3	<b>368.0</b>	0.6	1.3	<b>42.3</b>	1.1	0.2	<b>178.3</b>	0.0	2.0	<b>471.7</b>	1.2	0.5		
		17.3	1.2		31.4	18.0		11.0	4.0		-0.4	13.9		65.8	17.6		
<b>8NA3L2</b>	<b>117.7</b>	2.9	0.3	<b>517.7</b>	3.5	2.9	<b>31.7</b>	0.0	0.0	<b>316.3</b>	3.2	1.3	<b>581.0</b>	3.2	0.5		
		33.7	1.2		181.0	39.1		0.3	0.6		137.6	9.3		175.1	16.8		
<b>4XQDK7</b>	<b>68.2</b>	-1.4	0.2	<b>230.3</b>	-2.1	0.2	<b>27.5</b>	-0.4	0.0	<b>156.3</b>	-0.5	0.2	<b>363.7</b>	-0.8	0.1		
		-15.8	0.6		-106.3	3.1		-3.8	0.2		-22.4	1.2		-42.2	3.5		
<b>32WJM7</b>	<b>83.3</b>	-0.1	0.4	<b>396.0</b>	1.2	1.2	<b>28.3</b>	-0.3	0.1	<b>226.0</b>	1.1	0.8	<b>448.3</b>	0.8	0.4		
		-0.7	1.5		59.4	16.5		-3.0	2.1		47.3	5.6		42.4	13.7		
<b>QUDDLH</b>	<b>77.0</b>	-0.6		<b>318.7</b>	-0.4	0.6	<b>35.7</b>	0.4	0.2	<b>176.0</b>	-0.1	0.8	<b>387.7</b>	-0.3	0.3		
		-7.0	0.0		-18.0	8.1		4.3	2.9		-2.7	5.6		-18.2	9.0		
<b>KQRJHN</b>	<b>84.3</b>	0.0	0.6	<b>305.7</b>	-0.6	0.3	<b>34.3</b>	0.3	0.1	<b>154.7</b>	-0.6	0.2	<b>376.0</b>	-0.5	0.2		
		0.3	2.1		-31.0	4.0		3.0	1.2		-24.1	1.5		-29.9	5.3		
<b>M8UYGL</b>	<b>86.4</b>	0.2	1.4	<b>342.7</b>	0.1	1.3	<b>30.8</b>	-0.1	0.3	<b>208.0</b>	0.7	1.0	<b>405.9</b>	0.0	0.3		
		2.4	5.0		6.1	17.1		-0.5	5.2		29.3	7.2		0.0	11.3		
<b>G9MNCZ</b>	<b>73.1</b>	-0.9	0.2	<b>262.4</b>	-1.5	0.3	<b>28.7</b>	-0.3	0.1	<b>146.7</b>	-0.8	0.2	<b>352.3</b>	-1.0	0.1		
		-10.9	0.8		-74.2	3.8		-2.6	1.2		-32.0	1.3		-53.6	2.5		



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean			Z Score			k Score			Sample Mean			Z Score			k Score			Sample Mean			Z Score			k Score		
		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD
<b>QB3B2R</b>	<b>77.7</b>	-0.5	0.4	<b>339.0</b>	0.0	0.2	<b>34.0</b>	0.3	0.1	<b>197.7</b>	0.4	0.3	<b>466.3</b>	1.1	0.2												
		-6.3	1.5		2.4	2.6		2.7	2.0		18.9	2.1		60.4	6.7												
<b>KZGFYV</b>	<b>108.0</b>	2.1	0.6	<b>385.3</b>	1.0	0.4	<b>39.5</b>	0.8	0.1	<b>245.8</b>	1.6	0.8	<b>514.4</b>	2.0	0.3												
		24.0	2.3		48.7	5.0		8.2	1.1		67.1	5.5		108.5	10.5												
<b>UB76AM</b>	<b>77.9</b>	-0.5	0.8	<b>288.0</b>	-1.0	0.1	<b>30.1</b>	-0.1	0.1	<b>152.7</b>	-0.6	0.4	<b>380.3</b>	-0.5	0.0												
		-6.1	2.8		-48.6	2.0		-1.2	2.0		-26.1	2.9		-25.6	1.5												
<b>BL7NF7</b>	<b>80.7</b>	-0.3	0.2	<b>305.7</b>	-0.6	0.1	<b>32.7</b>	0.1	0.1	<b>163.3</b>	-0.4	0.8	<b>393.3</b>	-0.2	0.2												
		-3.3	0.6		-31.0	1.2		1.3	2.3		-15.4	5.9		-12.6	6.1												
<b>KXVCQX</b>	<b>77.7</b>	-0.5	0.6	<b>302.3</b>	-0.7	0.4	<b>31.3</b>	0.0	0.0	<b>158.0</b>	-0.5	0.2	<b>415.7</b>	0.2	0.1												
		-6.3	2.1		-34.3	5.0		0.0	0.6		-20.7	1.7		9.8	2.5												
<b>EDKTTZ</b>	<b>78.6</b>	-0.5	1.1	<b>326.7</b>	-0.2	1.6	<b>31.5</b>	0.0	0.1	<b>156.6</b>	-0.5	0.5	<b>406.4</b>	0.0	0.9												
		-5.4	4.0		-9.9	21.7		0.1	1.4		-22.2	3.7		0.5	29.7												
<b>XX43YG</b>	<b>74.0</b>	-0.9	1.9	<b>354.7</b>	0.4	2.8	<b>116.3</b>	8.1	6.3	<b>133.3</b>	-1.1	1.8	<b>223.3</b>	-3.3	5.9												
		-10.0	7.0		18.0	37.9		85.0	107.2		-45.4	12.3		-182.6	200.6												
<b>V9WEKJ</b>	<b>84.2</b>	0.0	0.4	<b>305.6</b>	-0.6	0.1	<b>37.2</b>	0.6	0.1	<b>157.2</b>	-0.5	0.1	<b>365.4</b>	-0.7	0.0												
		0.2	1.3		-31.0	1.4		5.9	0.9		-21.6	0.8		-40.5	0.9												
<b>Y3EFFF</b>	<b>83.8</b>	0.0	0.6	<b>371.2</b>	0.7	0.6	<b>26.6</b>	-0.4	0.1	<b>201.8</b>	0.5	0.2	<b>460.5</b>	1.0	0.1												
		-0.2	2.3		34.5	8.1		-4.7	1.9		23.1	1.1		54.6	3.6												
<b>RKW4MM</b>	<b>78.7</b>	-0.5	1.0	<b>306.0</b>	-0.6	0.5	<b>31.3</b>	0.0	0.1	<b>149.3</b>	-0.7	0.9	<b>393.7</b>	-0.2	0.1												
		-5.3	3.5		-30.6	6.1		0.0	1.2		-29.4	6.7		-12.2	3.1												
<b>CZ7M44</b>	<b>79.0</b>	-0.4	2.8	<b>333.3</b>	-0.1	2.4	<b>32.0</b>	0.1	0.8	<b>200.0</b>	0.5	2.9	<b>393.3</b>	-0.2	0.9												
		-5.0	10.1		-3.3	32.1		0.7	14.4		21.3	20.0		-12.6	32.1												
<b>PAPEWM</b>	<b>75.3</b>	-0.7	1.0	<b>309.0</b>	-0.5	0.1	<b>35.3</b>	0.4	0.0	<b>144.3</b>	-0.8	0.6	<b>376.3</b>	-0.5	0.0												
		-8.7	3.5		-27.6	1.0		4.0	0.6		-34.4	4.5		-29.6	1.5												
<b>KMCVXR</b>	<b>79.0</b>	-0.4		<b>362.0</b>	0.5		<b>16.0</b>	-1.5		<b>209.0</b>	0.7		<b>422.0</b>	0.3													
		-5.0	0.0		25.4	0.0		-15.3	0.0		30.3	0.0		16.1	0.0												
<b>4PWGDA</b>	<b>88.0</b>	0.3		<b>353.0</b>	0.3		<b>23.0</b>	-0.8		<b>211.0</b>	0.8		<b>455.0</b>	0.9													
		4.0	0.0		16.4	0.0		-8.3	0.0		32.3	0.0		49.1	0.0												
<b>TPMZPJ</b>	<b>84.2</b>	0.0	0.2	<b>336.6</b>	0.0	0.5	<b>18.5</b>	-1.2	0.2	<b>197.7</b>	0.4	2.6	<b>393.2</b>	-0.2	0.6												
		0.2	0.6		0.0	7.2		-12.9	2.7		18.9	18.5		-12.7	21.0												
<b>6YCNP4</b>	<b>86.2</b>	0.2	0.7	<b>363.0</b>	0.5	0.5	<b>26.7</b>	-0.4	0.0	<b>204.3</b>	0.6	2.4	<b>410.3</b>	0.1	0.5												
		2.2	2.7		26.4	7.2		-4.6	0.2		25.6	16.6		4.4	15.5												
<b>NT8YFL</b>	<b>87.4</b>	0.3		<b>358.8</b>	0.4		<b>26.7</b>	-0.4		<b>212.5</b>	0.8		<b>418.6</b>	0.2													
		3.4	0.0		22.2	0.0		-4.6	0.0		33.8	0.0		12.7	0.0												
<b>P43R2G</b>	<b>101.3</b>	1.5	0.2	<b>437.2</b>	2.0	0.2	<b>29.2</b>	-0.2	0.2	<b>253.6</b>	1.8	0.5	<b>518.1</b>	2.0	0.1												
		17.3	0.6		100.5	2.4		-2.1	2.7		74.8	3.3		112.2	1.8												
<b>ALBLDW</b>	<b>81.6</b>	-0.2	0.0	<b>378.6</b>	0.8	0.0	<b>22.1</b>	-0.9	0.1	<b>216.7</b>	0.9	0.3	<b>418.4</b>	0.2	0.2												
		-2.4	0.2		42.0	0.6		-9.2	1.0		38.0	2.0		12.5	6.4												
<b>WN9D4A</b>	<b>84.8</b>	0.1	0.2	<b>352.5</b>	0.3	0.5	<b>25.6</b>	-0.5	0.1	<b>205.7</b>	0.6	0.5	<b>420.8</b>	0.3	0.1												
		0.8	0.6		15.8	6.5		-5.8	1.3		26.9	3.8		14.9	4.8												
<b>PN7ACJ</b>	<b>81.2</b>	-0.2	0.3	<b>326.5</b>	-0.2	0.9	<b>31.7</b>	0.0	0.1	<b>171.8</b>	-0.2	0.2	<b>421.0</b>	0.3	0.5												
		-2.8	1.1		-10.1	12.7		0.3	1.1		-6.9	1.6		15.1	16.8												



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Grand Median</b>	84.0			336.6			31.3			178.7			405.9		
<b>Median Abs Dev</b>	5.2			29.0			4.0			24.1			23.9		
<b>Avg Within Lab SD</b>	3.6			13.4			17.0			7.0			34.2		
<b>Labs Included</b>	41			41			41			41			41		
<b>Labs Reporting</b>	41			41			41			41			41		



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Ca Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups</b>															
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
26FBY9	629.7	0.4	0.5	2,199.2	-0.2	0.9	488.0	0.5	1.3	1,725.6	-0.5	0.9	2,012.9	0.3	0.5
FQP3HU	539.0	39.7	14.9	2,065.7	-84.0	82.4	462.8	41.2	39.5	1,597.7	-232.4	84.5	1,747.3	52.5	36.4
C47NEY	683.6	-0.5	0.4	2,634.3	-0.6	0.4	490.0	0.2	0.1	2,148.0	-0.8	0.8	2,307.3	-1.0	0.1
7WA3K4	751.6	-51.0	9.9	2,626.1	-217.6	33.9	523.1	15.9	2.7	1,836.7	-360.3	75.4	1,958.1	-213.1	9.0
VJYMAG	666.2	0.9	0.7	2,636.5	1.0	0.5	466.6	0.5	0.6	2,550.3	0.4	0.3	2,207.5	1.7	0.3
4RZ3B8	569.0	93.6	19.5	2,356.7	351.1	46.7	531.0	43.2	18.6	1,793.7	190.0	28.6	2,051.0	346.9	24.8
C4PRLY	482.3	1.6	0.2	1,866.3	1.0	0.7	412.3	0.9	1.6	1,502.7	-0.3	0.7	1,781.0	0.0	0.4
8MDKJZ	513.7	161.6	4.8	2,154.3	342.8	61.0	361.3	76.3	49.8	1,700.3	-121.3	64.6	2,009.3	-2.3	26.8
477W66	558.3	0.8	2.9	2,227.0	1.0	2.5	365.7	0.2	0.7	1,996.7	1.3	1.4	2,099.3	1.2	1.4
CE8C7V	575.2	76.2	81.6	2,283.2	353.3	224.9	416.2	19.8	21.0	2,131.3	592.3	134.1	1,880.8	247.1	104.8
DZKJUJ	701.7	-0.2	0.5	2,366.7	0.2	0.3	509.0	1.0	0.7	1,913.3	-0.4	0.6	1,945.0	0.4	1.1
KQWZGM	738.5	-21.0	14.1	2,478.8	73.4	23.6	434.4	84.2	23.0	2,303.4	-164.3	56.9	2,074.9	90.6	78.3
8NA3L2	827.0	-1.1	1.2	3,543.3	-1.2	1.0	552.3	-0.4	0.5	3,423.3	-1.0	0.2	2,673.3	-0.9	0.7
4XQDK7	463.7	-107.7	33.7	1,506.7	-416.9	94.6	437.7	-34.5	14.6	1,653.3	-455.3	22.2	1,706.7	-179.4	51.0
32WJM7	490.7	-0.8	0.5	2,239.0	-0.4	0.8	355.7	-1.1	0.1	2,017.3	-0.6	0.1	1,814.3	-0.6	0.1
QUDDLH	493.3	-76.3	12.7	2,246.7	-128.9	73.9	394.3	-85.5	3.2	1,794.3	-257.7	13.4	1,846.7	-118.1	11.0
KQRJHN	574.0	-0.3	0.1	2,478.8	-0.2	1.1	537.7	-1.0	0.3	2,183.3	0.1	0.9	1,982.0	0.2	0.7
M8UYGL	627.4	-31.7	3.1	2,303.3	-56.2	95.6	478.5	-81.2	8.1	2,183.3	38.7	79.8	1,982.0	48.9	48.4
G9MNCZ	618.7	-0.1	0.6	2,192.3	0.0	1.3	476.2	-0.4	0.6	1,876.0	0.4	1.4	1,959.7	-0.4	1.5
QB3B2R	550.7	-14.8	17.2	2,274.7	0.0	116.3	494.0	-30.7	19.3	2,184.0	173.3	125.9	2,232.7	-79.6	110.3
		1.1	0.3	2,366.7	0.2	0.3	509.0	0.8	0.3	1,913.3	-0.1	0.1	1,945.0	-0.1	0.2
		111.7	7.6	2,366.7	83.4	28.9	509.0	62.2	8.5	1,913.3	-44.7	5.8	1,945.0	-15.4	18.0
		1.5	0.3	2,478.8	0.6	0.1	434.4	-0.2	0.0	2,303.4	0.8	0.2	2,074.9	0.6	0.1
		148.5	8.2	2,478.8	195.5	13.0	434.4	-12.4	0.6	2,303.4	345.4	18.0	2,074.9	114.5	4.6
		2.4	0.5	3,543.3	3.7	2.6	552.3	1.3	0.2	3,423.3	3.2	0.8	2,673.3	3.5	1.1
		237.0	14.2	3,543.3	1,260.1	231.8	552.3	105.5	7.6	3,423.3	1,465.3	72.3	2,673.3	712.9	81.4
		-1.3	0.1	1,506.7	-2.3	0.3	437.7	-0.1	0.3	1,653.3	-0.7	0.1	1,706.7	-1.2	0.3
		-126.3	3.8	1,506.7	-776.6	25.2	437.7	-9.2	8.7	1,653.3	-304.7	11.5	1,706.7	-253.7	25.2
		-1.0	0.8	2,239.0	-0.1	0.6	355.7	-1.1	0.1	2,017.3	0.1	0.8	1,814.3	-0.7	0.7
		-99.3	21.4	2,239.0	-44.2	52.4	355.7	-91.2	3.8	2,017.3	59.3	76.9	1,814.3	-146.1	50.5
		-1.0	0.5	2,246.7	-0.1	0.7	394.3	-0.7	0.2	1,794.3	-0.4	0.1	1,846.7	-0.6	0.4
		-96.7	15.3	2,246.7	-36.6	66.6	394.3	-52.5	7.5	1,794.3	-163.7	7.5	1,846.7	-113.7	28.9
		-0.2	0.3	2,136.3	-0.4	0.4	537.7	1.1	0.5	1,781.7	-0.4	0.3	1,727.7	-1.1	0.5
		-16.0	8.2	2,136.3	-146.9	36.2	537.7	90.8	15.2	1,781.7	-176.3	24.3	1,727.7	-232.7	38.1
		0.4	0.8	2,303.3	0.1	2.8	478.5	0.4	0.6	2,183.3	0.5	1.2	1,982.0	0.1	1.0
		37.4	22.3	2,303.3	20.1	250.8	478.5	31.7	17.9	2,183.3	225.3	109.9	1,982.0	21.6	74.1
		0.3	0.2	2,192.3	-0.3	0.3	476.2	0.4	1.1	1,876.0	-0.2	0.1	1,959.7	0.0	0.4
		28.7	6.7	2,192.3	-90.9	24.2	476.2	29.4	35.3	1,876.0	-82.0	7.0	1,959.7	-0.7	33.2
		-0.4	0.1	2,274.7	0.0	0.1	494.0	0.6	0.3	2,184.0	0.5	0.1	2,232.7	1.3	0.2
		-39.3	2.1	2,274.7	-8.6	6.0	494.0	47.2	10.1	2,184.0	226.0	8.0	2,232.7	272.3	13.1



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference		W/L STD	Difference		W/L STD	Difference		W/L STD	Difference		W/L STD	Difference		W/L STD
<b>KZGFYV</b>	<b>754.7</b>	1.7	0.5	<b>2,793.3</b>	1.5	0.5	<b>631.7</b>	2.3	0.2	<b>2,584.7</b>	1.4	0.3	<b>2,526.0</b>	2.7	0.5
		164.7	13.6		510.1	42.8		184.8	6.7		626.7	27.4		565.6	35.4
<b>UB76AM</b>	<b>600.0</b>	0.1	0.3	<b>2,102.7</b>	-0.5	0.8	<b>471.0</b>	0.3	0.6	<b>1,756.3</b>	-0.4	0.3	<b>1,937.0</b>	-0.1	0.6
		10.0	8.0		-180.6	74.0		24.2	17.7		-201.7	31.0		-23.4	45.4
<b>BL7NF7</b>	<b>619.3</b>	0.3	0.6	<b>2,159.2</b>	-0.4	0.6	<b>544.0</b>	1.2	1.2	<b>1,645.9</b>	-0.7	0.5	<b>1,960.4</b>	0.0	0.6
		29.3	16.8		-124.0	53.2		97.2	39.0		-312.1	50.4		0.0	43.3
<b>KXVCQX</b>	<b>536.7</b>	-0.5	0.0	<b>2,069.3</b>	-0.6	0.2	<b>455.7</b>	0.1	0.4	<b>1,673.7</b>	-0.6	0.3	<b>1,832.3</b>	-0.6	0.1
		-53.3	1.2		-213.9	14.5		8.8	11.7		-284.3	26.2		-128.1	9.1
<b>EDKTTZ</b>	<b>610.1</b>	0.2	1.2	<b>2,226.5</b>	-0.2	1.2	<b>520.5</b>	0.9	0.5	<b>1,767.8</b>	-0.4	0.2	<b>2,017.4</b>	0.3	1.2
		20.1	33.5		-56.7	107.8		73.6	16.0		-190.2	17.6		57.0	85.6
<b>XX43YG</b>	<b>510.3</b>	-0.8	3.9	<b>2,248.3</b>	-0.1	0.8	<b>320.7</b>	-1.6	4.8	<b>1,958.0</b>	0.0	0.8	<b>1,817.0</b>	-0.7	1.4
		-79.7	109.9		-34.9	71.2		-126.2	150.6		0.0	73.7		-143.4	103.5
<b>Y3EFFF</b>	<b>626.1</b>	0.4	1.0	<b>2,634.7</b>	1.0	0.5	<b>411.7</b>	-0.4	1.6	<b>2,389.3</b>	0.9	0.1	<b>1,937.5</b>	-0.1	3.2
		36.1	27.8		351.4	44.2		-35.1	51.5		431.3	13.8		-22.9	235.6
<b>RKW4MM</b>	<b>524.7</b>	-0.7	0.3	<b>2,061.3</b>	-0.6	0.0	<b>444.0</b>	0.0	0.3	<b>1,663.3</b>	-0.6	0.4	<b>1,844.3</b>	-0.6	0.6
		-65.3	8.1		-221.9	3.8		-2.8	8.2		-294.7	33.0		-116.1	43.6
<b>CZ7M44</b>	<b>583.3</b>	-0.1	1.7	<b>2,300.0</b>	0.0	1.9	<b>396.7</b>	-0.6	0.5	<b>2,166.7</b>	0.5	2.2	<b>1,866.7</b>	-0.5	2.1
		-6.7	46.2		16.8	173.2		-50.2	15.3		208.7	208.2		-93.7	152.8
<b>PAPEWM</b>	<b>586.0</b>	0.0	0.8	<b>2,296.0</b>	0.0	0.0	<b>542.3</b>	1.2	0.3	<b>1,643.0</b>	-0.7	0.5	<b>1,982.3</b>	0.1	0.1
		-4.0	23.0		12.8	4.0		95.5	10.5		-315.0	45.0		21.9	7.5
<b>4PWGDA</b>	<b>590.0</b>	0.0	0.0	<b>2,340.0</b>	0.2		<b>410.0</b>	-0.5		<b>2,200.0</b>	0.5		<b>2,080.0</b>	0.6	
		0.0	0.0		56.8	0.0		-36.8	0.0		242.0	0.0		119.6	0.0
<b>B63RJ3</b>	<b>527.7</b>	-0.6	0.7	<b>2,209.3</b>	-0.2	1.4	<b>435.0</b>	-0.1	1.1	<b>1,824.7</b>	-0.3	1.1	<b>2,064.0</b>	0.5	1.4
		-62.3	20.3		-73.9	130.6		-11.8	34.4		-133.3	99.1		103.6	105.7
<b>TPMZPJ</b>	<b>736.2</b>	1.5	0.4	<b>3,402.0</b>	3.2	1.0	<b>481.6</b>	0.4	0.2	<b>2,906.3</b>	2.1	4.5	<b>2,014.0</b>	0.3	0.6
		146.2	11.4		1,118.8	94.7		34.8	7.1		948.3	413.7		53.6	41.2
<b>6YCNP4</b>	<b>586.7</b>	0.0	0.4	<b>2,386.7</b>	0.3	0.7	<b>413.3</b>	-0.4	0.7	<b>2,060.0</b>	0.2	0.6	<b>1,840.0</b>	-0.6	0.3
		-3.3	11.5		103.4	61.1		-33.5	23.1		102.0	52.9		-120.4	20.0
<b>NT8YFL</b>	<b>616.3</b>	0.3		<b>2,536.5</b>	0.7		<b>414.8</b>	-0.4		<b>2,397.6</b>	1.0		<b>2,047.1</b>	0.4	
		26.3	0.0		253.2	0.0		-32.0	0.0		439.6	0.0		86.7	0.0
<b>P43R2G</b>	<b>416.2</b>	-1.8	0.1	<b>2,605.5</b>	0.9	0.3	<b>289.1</b>	-2.0	0.4	<b>2,365.4</b>	0.9	0.4	<b>2,015.9</b>	0.3	0.1
		-173.8	3.4		322.3	27.7		-157.7	12.1		407.4	35.5		55.5	6.7
<b>ALBLDW</b>	<b>638.8</b>	0.5	0.9	<b>2,717.7</b>	1.3	0.4	<b>417.5</b>	-0.4	0.4	<b>2,573.6</b>	1.4	0.9	<b>2,183.2</b>	1.1	2.6
		48.8	24.7		434.5	33.6		-29.3	11.8		615.6	81.9		222.8	191.4
<b>WN9D4A</b>	<b>609.0</b>	0.2	0.5	<b>2,487.3</b>	0.6	0.3	<b>403.1</b>	-0.5	0.5	<b>2,289.3</b>	0.7	0.2	<b>2,096.0</b>	0.7	0.8
		19.0	15.0		204.1	30.9		-43.7	15.3		331.3	18.7		135.6	55.8
<b>PN7ACJ</b>	<b>624.1</b>	0.3	1.0	<b>2,204.3</b>	-0.2	0.2	<b>446.8</b>	0.0	0.6	<b>1,761.9</b>	-0.4	0.2	<b>1,858.8</b>	-0.5	0.6
		34.1	27.8		-78.9	16.6		0.0	17.4		-196.1	20.2		-101.7	44.8



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Grand Median</b>	590.0			2,283.2			446.8			1,958.0			1,960.4		
<b>Median Abs Dev</b>	48.8			128.9			41.2			232.4			113.7		
<b>Avg Within Lab SD</b>	27.9			90.8			31.5			92.8			74.3		
<b>Labs Included</b>	39			39			39			39			39		
<b>Labs Reporting</b>	39			39			39			39			39		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mg Ammonium Acetate (SubTestCode 142)				in the Bases (1:10) Property Groups												Data units: mg/kg		
SRSSRS1511				SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515					
<b>26FBY9</b>	<b>104.3</b>	0.9	1.2	<b>373.8</b>	0.1	1.0	<b>52.3</b>	0.3	0.3	<b>543.3</b>	-0.1	0.3	<b>746.2</b>	0.4	0.7			
		12.5	5.6		8.3	14.0		4.1	1.2		-8.3	6.3		52.2	19.6			
<b>FQP3HU</b>	<b>81.3</b>	-0.8	0.3	<b>362.7</b>	0.0	0.7	<b>41.4</b>	-0.6	0.5	<b>515.6</b>	-0.3	1.2	<b>698.9</b>	0.0	0.1			
		-10.4	1.4		-2.9	10.1		-6.9	2.5		-36.1	21.8		4.9	3.5			
<b>C47NEY</b>	<b>112.4</b>	1.5	0.7	<b>435.6</b>	0.9	1.4	<b>56.2</b>	0.7	0.6	<b>612.6</b>	0.5	0.8	<b>845.2</b>	1.2	0.6			
		20.6	3.4		70.0	19.0		7.9	2.9		61.0	13.8		151.3	17.1			
<b>7WA3K4</b>	<b>97.0</b>	0.4	0.2	<b>389.3</b>	0.3	0.2	<b>49.1</b>	0.1	0.2	<b>491.3</b>	-0.5	0.2	<b>657.1</b>	-0.3	0.2			
		5.2	1.0		23.7	2.8		0.9	1.1		-60.3	4.0		-36.8	5.2			
<b>VJYMAG</b>	<b>98.7</b>	0.5	2.5	<b>400.3</b>	0.5	2.3	<b>43.6</b>	-0.4	0.3	<b>705.9</b>	1.2	1.7	<b>755.1</b>	0.5	1.1			
		6.9	11.7		34.7	32.6		-4.7	1.4		154.3	31.1		61.2	31.8			
<b>4RZ3B8</b>	<b>88.7</b>	-0.2	0.5	<b>336.0</b>	-0.4	0.1	<b>63.3</b>	1.3	0.6	<b>441.0</b>	-0.9	0.8	<b>665.0</b>	-0.2	0.9			
		-3.1	2.5		-29.6	2.0		15.1	3.1		-110.7	14.2		-28.9	24.6			
<b>C4PRLY</b>	<b>76.7</b>	-1.1	0.3	<b>318.0</b>	-0.6	0.8	<b>45.0</b>	-0.3	0.4	<b>450.3</b>	-0.8	0.4	<b>694.3</b>	0.0	0.3			
		-15.1	1.5		-47.6	10.8		-3.3	2.0		-101.3	7.4		0.4	7.6			
<b>8MDKJZ</b>	<b>72.0</b>	-1.4	0.2	<b>316.0</b>	-0.7	0.4	<b>39.0</b>	-0.8	0.4	<b>438.7</b>	-0.9	0.8	<b>601.3</b>	-0.8	0.2			
		-19.8	1.0		-49.6	5.0		-9.3	1.7		-113.0	14.6		-92.6	6.5			
<b>477W66</b>	<b>93.2</b>	0.1	0.8	<b>368.2</b>	0.0	1.3	<b>36.4</b>	-1.0	0.0	<b>592.2</b>	0.3	0.3	<b>700.1</b>	0.1	0.2			
		1.5	3.6		2.7	18.7		-11.9	0.2		40.6	4.9		6.2	6.5			
<b>CE8C7V</b>	<b>91.0</b>	-0.1	0.8	<b>360.8</b>	-0.1	1.6	<b>45.8</b>	-0.2	0.5	<b>586.6</b>	0.3	2.2	<b>656.3</b>	-0.3	1.6			
		-0.8	3.9		-4.8	22.9		-2.5	2.3		34.9	39.0		-37.6	44.0			
<b>DZKJUJ</b>	<b>115.3</b>	1.7	0.1	<b>396.7</b>	0.4	0.2	<b>55.0</b>	0.6	1.0	<b>556.7</b>	0.0	0.3	<b>715.0</b>	0.2	0.5			
		23.6	0.6		31.1	2.9		6.7	5.0		5.0	5.8		21.1	13.2			
<b>KQWZGM</b>	<b>99.9</b>	0.6	0.4	<b>373.9</b>	0.1	0.2	<b>40.0</b>	-0.7	0.2	<b>624.6</b>	0.6	0.1	<b>697.4</b>	0.0	0.1			
		8.1	1.9		8.4	3.3		-8.2	1.1		73.0	2.2		3.5	1.8			
<b>8NA3L2</b>	<b>127.7</b>	2.6	0.3	<b>586.3</b>	3.0	2.7	<b>53.7</b>	0.5	0.2	<b>1,001.0</b>	3.6	0.9	<b>1,004.7</b>	2.6	1.3			
		35.9	1.5		220.8	37.2		5.4	1.2		449.4	15.6		310.7	35.6			
<b>4XQDK7</b>	<b>72.6</b>	-1.4	0.1	<b>244.7</b>	-1.6	0.3	<b>44.1</b>	-0.3	0.1	<b>479.3</b>	-0.6	0.2	<b>617.3</b>	-0.6	0.2			
		-19.1	0.4		-120.9	3.5		-4.2	0.5		-72.3	3.8		-76.6	7.0			
<b>32WJM7</b>	<b>78.3</b>	-1.0	1.4	<b>353.3</b>	-0.2	0.8	<b>39.0</b>	-0.8	0.2	<b>564.0</b>	0.1	1.0	<b>648.3</b>	-0.4	0.2			
		-13.4	6.7		-12.2	11.6		-9.3	1.0		12.4	18.0		-45.6	4.9			
<b>QUDDLH</b>	<b>71.7</b>	-1.5	0.3	<b>332.3</b>	-0.4	0.4	<b>38.3</b>	-0.8	0.5	<b>493.0</b>	-0.5	0.1	<b>632.7</b>	-0.5	0.4			
		-20.1	1.5		-33.2	5.0		-9.9	2.5		-58.7	2.6		-61.3	12.0			
<b>KQRJHN</b>	<b>91.3</b>	0.0	0.2	<b>340.0</b>	-0.3	0.2	<b>55.7</b>	0.6	0.5	<b>485.7</b>	-0.5	0.5	<b>611.7</b>	-0.7	0.3			
		-0.4	1.2		-25.6	3.5		7.4	2.3		-66.0	9.1		-82.3	8.0			
<b>M8UYGL</b>	<b>101.0</b>	0.7	1.1	<b>366.2</b>	0.0	1.1	<b>56.2</b>	0.7	0.3	<b>606.8</b>	0.4	0.7	<b>680.5</b>	-0.1	0.4			
		9.2	5.4		0.7	15.9		7.9	1.4		55.1	13.3		-13.4	11.5			
<b>G9MNCZ</b>	<b>88.2</b>	-0.3	0.2	<b>312.6</b>	-0.7	0.2	<b>48.1</b>	0.0	0.7	<b>502.6</b>	-0.4	0.5	<b>633.8</b>	-0.5	0.1			
		-3.5	0.9		-52.9	2.6		-0.1	3.3		-49.1	8.8		-60.1	3.7			
<b>QB3B2R</b>	<b>81.3</b>	-0.8	0.3	<b>347.0</b>	-0.3	0.3	<b>50.0</b>	0.1	0.6	<b>573.3</b>	0.2	0.3	<b>725.3</b>	0.3	0.2			
		-10.4	1.5		-18.6	4.6		1.7	2.6		21.7	6.1		31.4	6.5			



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD
<b>KZGFYV</b>	<b>122.3</b>	2.2	0.3	<b>451.7</b>	1.2	0.5	<b>74.1</b>	2.2	0.2	<b>757.3</b>	1.7	0.5	<b>924.0</b>	1.9	0.5
		30.6	1.5		86.1	6.5		25.8	0.8		205.7	9.7		230.1	14.5
<b>UB76AM</b>	<b>96.6</b>	0.4	0.2	<b>342.3</b>	-0.3	0.2	<b>57.5</b>	0.8	0.1	<b>499.3</b>	-0.4	0.8	<b>702.3</b>	0.1	0.2
		4.8	1.0		-23.2	2.5		9.2	0.4		-52.3	15.3		8.4	4.7
<b>BL7NF7</b>	<b>88.7</b>	-0.2	1.3	<b>341.9</b>	-0.3	0.8	<b>59.5</b>	0.9	0.5	<b>445.7</b>	-0.9	0.7	<b>649.1</b>	-0.4	0.7
		-3.1	6.0		-23.6	11.3		11.2	2.3		-105.9	12.8		-44.8	19.5
<b>KXVCQX</b>	<b>86.0</b>	-0.4	0.3	<b>323.3</b>	-0.6	0.4	<b>48.7</b>	0.0	0.2	<b>466.0</b>	-0.7	0.3	<b>655.7</b>	-0.3	0.1
		-5.7	1.3		-42.2	5.1		0.4	1.1		-85.7	5.0		-38.3	3.1
<b>EDKTTZ</b>	<b>97.2</b>	0.4	0.6	<b>394.7</b>	0.4	1.6	<b>60.6</b>	1.0	0.1	<b>546.6</b>	0.0	0.5	<b>760.5</b>	0.5	1.7
		5.4	3.0		29.1	22.3		12.3	0.4		-5.0	8.3		66.6	48.1
<b>XX43YG</b>	<b>99.0</b>	0.5	3.2	<b>393.7</b>	0.4	0.6	<b>65.7</b>	1.5	4.2	<b>632.7</b>	0.7	2.0	<b>692.0</b>	0.0	4.0
		7.2	14.9		28.1	9.0		17.4	20.0		81.0	35.9		-1.9	113.2
<b>RKW4MM</b>	<b>92.0</b>	0.0	2.0	<b>358.3</b>	-0.1	0.8	<b>51.0</b>	0.2	0.9	<b>491.7</b>	-0.5	0.9	<b>692.3</b>	0.0	0.7
		0.2	9.5		-7.2	10.7		2.7	4.4		-60.0	16.9		-1.6	19.2
<b>CZ7M44</b>	<b>83.7</b>	-0.6	0.9	<b>350.0</b>	-0.2	1.2	<b>38.0</b>	-0.9	0.6	<b>590.0</b>	0.3	2.0	<b>643.3</b>	-0.4	0.9
		-8.1	4.0		-15.6	17.3		-10.3	2.6		38.4	36.1		-50.6	25.2
<b>PAPEWM</b>	<b>91.7</b>	0.0	1.0	<b>341.7</b>	-0.3	0.5	<b>68.0</b>	1.7	0.6	<b>427.0</b>	-1.0	1.0	<b>621.7</b>	-0.6	0.2
		-0.1	4.5		-23.9	6.5		19.7	3.0		-124.7	19.0		-72.3	6.5
<b>4PWGDA</b>	<b>89.0</b>	-0.2		<b>383.0</b>	0.2		<b>36.0</b>	-1.0		<b>662.0</b>	0.9		<b>767.0</b>	0.6	
		-2.8	0.0		17.4	0.0		-12.3	0.0		110.4	0.0		73.1	0.0
<b>B63RJ3</b>	<b>87.0</b>	-0.3	1.5	<b>465.0</b>	1.3	2.3	<b>42.7</b>	-0.5	0.7	<b>646.0</b>	0.8	2.5	<b>773.3</b>	0.7	0.5
		-4.8	7.2		99.4	32.0		-5.6	3.2		94.4	45.7		79.4	15.0
<b>TPMZPJ</b>	<b>95.0</b>	0.2	0.3	<b>342.5</b>	-0.3	0.5	<b>40.4</b>	-0.7	3.6	<b>473.8</b>	-0.6	1.9	<b>494.9</b>	-1.6	0.1
		3.2	1.4		-23.1	7.0		-7.9	17.4		-77.9	34.8		-199.1	3.5
<b>6YCNP4</b>	<b>96.8</b>	0.4	0.0	<b>395.0</b>	0.4	0.5	<b>48.4</b>	0.0	0.0	<b>617.0</b>	0.5	0.7	<b>677.7</b>	-0.1	0.4
		5.0	0.0		29.4	6.9		0.1	0.0		65.4	12.0		-16.3	11.5
<b>NT8YFL</b>	<b>100.9</b>	0.7		<b>421.7</b>	0.8		<b>42.6</b>	-0.5		<b>728.6</b>	1.4		<b>787.7</b>	0.8	
		9.1	0.0		56.1	0.0		-5.7	0.0		177.0	0.0		93.8	0.0
<b>P43R2G</b>	<b>85.7</b>	-0.4	0.1	<b>386.2</b>	0.3	0.1	<b>35.8</b>	-1.0	0.5	<b>651.6</b>	0.8	0.3	<b>731.2</b>	0.3	0.1
		-6.1	0.3		20.6	1.6		-12.5	2.2		100.0	5.8		37.3	1.7
<b>ALBLDW</b>	<b>89.6</b>	-0.2	1.8	<b>879.2</b>	6.9	1.2	<b>28.0</b>	-1.7	0.5	<b>479.6</b>	-0.6	1.1	<b>1,561.6</b>	7.1	2.8
		-2.2	8.7		513.6	16.8		-20.2	2.4		-72.1	20.7		867.7	80.5
<b>WN9D4A</b>	<b>103.8</b>	0.9	0.4	<b>429.3</b>	0.9	0.3	<b>42.8</b>	-0.5	0.4	<b>667.2</b>	0.9	0.4	<b>749.8</b>	0.5	0.5
		12.0	2.1		63.7	3.9		-5.4	2.0		115.5	6.9		55.8	13.4
<b>PN7ACJ</b>	<b>91.9</b>	0.0	0.2	<b>364.9</b>	0.0	1.0	<b>48.4</b>	0.0	0.2	<b>516.9</b>	-0.3	0.2	<b>693.5</b>	0.0	0.6
		0.1	0.9		-0.7	13.3		0.1	0.9		-34.7	4.4		-0.4	17.6
<b>Grand Median</b>		91.8		365.6			48.3			551.7			693.9		
<b>Median Abs Dev</b>		6.5		26.8			7.6			69.0			48.1		
<b>Avg Within Lab SD</b>		4.7		14.0			4.8			18.1			28.3		
<b>Labs Included</b>		38		38			38			38			38		
<b>Labs Reporting</b>		38		38			38			38			38		





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Na Ammonium Acetate (SubTestCode 143)	in the Bases (1:10) Property Groups															Data units: mg/kg
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>26FBY9</b>	<b>17.9</b>	0.1	0.3	<b>38.5</b>	-0.3	0.2	<b>10.5</b>	0.0	0.4	<b>8.6</b>	-0.1	0.3	<b>11.8</b>	-0.1	0.1	
		1.0	0.9		-3.1	1.1		-0.2	1.0		-1.1	0.9		-1.3	0.4	
<b>FQP3HU</b>	<b>28.3</b>	1.4	0.9	<b>50.6</b>	0.7	0.9	<b>19.7</b>	1.3	0.9	<b>18.6</b>	0.8	0.4	<b>26.5</b>	1.5	1.1	
		11.3	3.0		8.9	4.9		9.0	2.5		8.9	1.3		13.4	3.1	
<b>C47NEY</b>	<b>29.2</b>	1.5	0.6	<b>56.6</b>	1.2	1.2	<b>22.9</b>	1.7	0.8	<b>25.5</b>	1.4	1.0	<b>31.6</b>	2.0	0.9	
		12.3	2.1		14.9	6.4		12.2	2.0		15.8	3.2		18.5	2.5	
<b>7WA3K4</b>	<b>22.5</b>	0.7	0.2	<b>46.9</b>	0.4	0.1	<b>7.9</b>	-0.4	0.1	<b>9.6</b>	0.0	0.3	<b>11.6</b>	-0.2	0.4	
		5.5	0.6		5.3	0.4		-2.8	0.4		-0.1	0.9		-1.5	1.0	
<b>VJYMAG</b>	<b>12.6</b>	-0.5	0.6	<b>44.2</b>	0.2	0.7	<b>6.6</b>	-0.6	0.6	<b>7.4</b>	-0.2	0.4	<b>12.2</b>	-0.1	1.2	
		-4.3	2.2		2.6	3.9		-4.1	1.5		-2.3	1.2		-0.9	3.3	
<b>4RZ3B8</b>	<b>13.0</b>	-0.5	0.5	<b>34.7</b>	-0.6	0.2	<b>8.7</b>	-0.3	0.4	<b>6.3</b>	-0.3	0.2	<b>9.7</b>	-0.4	0.2	
		-3.9	1.7		-7.0	1.2		-2.0	1.2		-3.4	0.6		-3.4	0.6	
<b>C4PRLY</b>	<b>10.7</b>	-0.8	0.4	<b>32.7</b>	-0.7	0.3	<b>5.7</b>	-0.7	0.2	<b>6.0</b>	-0.3	0.3	<b>9.7</b>	-0.4	0.5	
		-6.2	1.5		-9.0	1.5		-5.0	0.6		-3.7	1.0		-3.4	1.5	
<b>8MDKJZ</b>	<b>14.0</b>	-0.4	0.3	<b>27.0</b>	-1.2	0.4	<b>10.7</b>	0.0	0.6	<b>9.2</b>	0.0	0.2	<b>13.4</b>	0.0	0.3	
		-2.9	1.0		-14.6	2.0		0.0	1.5		-0.5	0.8		0.3	0.8	
<b>477W66</b>	<b>22.4</b>	0.7	0.4	<b>49.8</b>	0.7	0.7	<b>10.2</b>	-0.1	0.6	<b>16.0</b>	0.5	0.1	<b>19.2</b>	0.7	0.5	
		5.5	1.4		8.2	3.5		-0.5	1.7		6.3	0.4		6.1	1.3	
<b>CE8C7V</b>	<b>17.2</b>	0.0	0.3	<b>41.7</b>	0.0	0.3	<b>11.3</b>	0.1	0.8	<b>9.8</b>	0.0	0.6	<b>13.6</b>	0.1	0.5	
		0.3	0.9		0.1	1.4		0.6	2.2		0.1	1.9		0.6	1.4	
<b>DZKJUJ</b>	<b>25.3</b>	1.0	0.2	<b>48.7</b>	0.6	0.2	<b>16.0</b>	0.8	0.6	<b>15.0</b>	0.5		<b>19.0</b>	0.6		
		8.4	0.6		7.0	1.2		5.3	1.7		5.3	0.0		5.9	0.0	
<b>8NA3L2</b>	<b>20.0</b>	0.4	2.6	<b>94.5</b>	4.3	0.7	<b>13.0</b>	0.3	0.6	<b>65.3</b>	4.8	1.3	<b>44.3</b>	3.4	3.1	
		3.1	8.9		52.9	3.5		2.3	1.7		55.6	4.0		31.3	8.6	
<b>4XQDK7</b>	<b>10.0</b>	-0.9	0.0	<b>26.0</b>	-1.3	0.1	<b>5.4</b>	-0.7	0.0	<b>5.5</b>	-0.4	0.0	<b>7.0</b>	-0.7	0.1	
		-6.9	0.1		-15.7	0.4		-5.2	0.1		-4.2	0.1		-6.0	0.2	
<b>32WJM7</b>	<b>13.3</b>	-0.4	0.3	<b>41.7</b>	0.0	0.6	<b>6.7</b>	-0.6	0.4	<b>8.3</b>	-0.1	0.2	<b>11.3</b>	-0.2	0.5	
		-3.6	1.2		0.0	3.2		-4.0	1.2		-1.4	0.6		-1.7	1.5	
<b>QUDDLH</b>	<b>12.7</b>	-0.5	0.2	<b>38.7</b>	-0.2	0.3	<b>10.7</b>	0.0	0.2	<b>7.3</b>	-0.2	0.4	<b>9.0</b>	-0.4	0.6	
		-4.2	0.6		-3.0	1.5		0.0	0.6		-2.4	1.2		-4.1	1.7	
<b>M8UYGL</b>	<b>34.0</b>	2.1	2.1	<b>55.5</b>	1.1	0.4	<b>32.6</b>	3.1	0.4	<b>73.5</b>	5.5	4.8	<b>42.0</b>	3.1	0.8	
		17.1	7.2		13.9	1.9		21.9	1.1		63.8	15.2		28.9	2.2	
<b>QB3B2R</b>	<b>17.0</b>	0.0	0.3	<b>42.3</b>	0.1	0.1	<b>11.7</b>	0.1	0.2	<b>12.7</b>	0.3	0.4	<b>16.3</b>	0.4	0.5	
		0.1	1.0		0.7	0.6		1.0	0.6		3.0	1.2		3.3	1.5	
<b>UB76AM</b>	<b>15.7</b>	-0.1	0.2	<b>35.7</b>	-0.5	0.0	<b>11.5</b>	0.1	0.3	<b>8.4</b>	-0.1	0.1	<b>12.7</b>	0.0	0.2	
		-1.2	0.7		-6.0	0.3		0.8	0.7		-1.3	0.4		-0.3	0.5	
<b>BL7NF7</b>	<b>20.5</b>	0.4	0.3	<b>39.1</b>	-0.2	0.1	<b>15.0</b>	0.6	0.2	<b>11.6</b>	0.2	0.2	<b>15.0</b>	0.2	0.4	
		3.6	1.1		-2.5	0.3		4.3	0.5		1.9	0.6		2.0	1.2	
<b>EDKTTZ</b>	<b>19.2</b>	0.3	0.8	<b>40.3</b>	-0.1	1.0	<b>17.8</b>	1.0	1.0	<b>11.6</b>	0.2	0.1	<b>16.5</b>	0.4	0.5	
		2.3	2.7		-1.3	5.1		7.1	2.6		1.9	0.2		3.4	1.4	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference		W/L STD	Difference		W/L STD	Difference		W/L STD	Difference		W/L STD	Difference		W/L STD
<b>XX43YG</b>	<b>47.7</b>	3.8	3.7	<b>81.7</b>	3.2	4.5	<b>31.3</b>	2.9	4.5	<b>31.3</b>	1.9	0.5	<b>43.0</b>	3.3	2.0
		30.8	12.9		40.0	23.7		20.7	12.1		21.6	1.5		29.9	5.6
<b>RKW4MM</b>	<b>13.3</b>	-0.4	0.4	<b>38.7</b>	-0.2	0.7	<b>11.0</b>	0.0	0.6	<b>9.0</b>	-0.1	0.3	<b>12.3</b>	-0.1	0.2
		-3.6	1.5		-3.0	3.8		0.3	1.7		-0.7	1.0		-0.7	0.6
<b>CZ7M44</b>	<b>17.0</b>	0.0	0.8	<b>42.3</b>	0.1	1.2	<b>9.3</b>	-0.2	1.2	<b>13.0</b>	0.3	0.8	<b>12.3</b>	-0.1	0.9
		0.1	2.6		0.7	6.5		-1.4	3.2		3.3	2.6		-0.7	2.5
<b>TPMZPJ</b>	<b>24.2</b>	0.9	0.4	<b>55.8</b>	1.1	0.8	<b>13.5</b>	0.4	0.6	<b>9.0</b>	-0.1	1.1	<b>17.3</b>	0.5	2.1
		7.3	1.5		14.2	4.0		2.8	1.5		-0.8	3.5		4.3	6.0
<b>6YCNP4</b>	<b>16.1</b>	-0.1	0.0	<b>43.7</b>	0.2	0.4	<b>10.0</b>	-0.1	0.5	<b>16.1</b>	0.6	0.7	<b>14.6</b>	0.2	1.9
		-0.8	0.0		2.1	2.3		-0.7	1.3		6.4	2.3		1.5	5.3
<b>NT8YFL</b>	<b>14.2</b>	-0.3		<b>41.5</b>	0.0		<b>7.2</b>	-0.5		<b>10.1</b>	0.0		<b>11.8</b>	-0.1	
		-2.7	0.0		-0.1	0.0		-3.5	0.0		0.3	0.0		-1.3	0.0
<b>P43R2G</b>	<b>16.8</b>	0.0	0.6	<b>41.6</b>	0.0	0.3	<b>20.8</b>	1.4	1.2	<b>3.1</b>	-0.6	0.4	<b>8.3</b>	-0.5	0.7
		-0.1	2.2		0.0	1.5		10.1	3.3		-6.6	1.3		-4.8	2.1
<b>ALBLDW</b>	<b>11.3</b>	-0.7	0.2	<b>39.1</b>	-0.2	0.9	<b>5.3</b>	-0.8	0.1	<b>13.7</b>	0.3	0.1	<b>13.6</b>	0.1	0.3
		-5.7	0.7		-2.5	5.0		-5.3	0.2		4.0	0.3		0.6	0.9
<b>WN9D4A</b>	<b>11.0</b>	-0.7	0.0	<b>36.9</b>	-0.4	0.1	<b>3.9</b>	-1.0	0.2	<b>5.2</b>	-0.4	0.1	<b>7.9</b>	-0.6	0.2
		-5.9	0.1		-4.7	0.5		-6.8	0.5		-4.5	0.2		-5.1	0.5
<b>PN7ACJ</b>	<b>12.9</b>	-0.5	0.1	<b>34.5</b>	-0.6	0.5	<b>7.3</b>	-0.5	0.3	<b>6.6</b>	-0.3	0.4	<b>12.1</b>	-0.1	0.6
		-4.0	0.4		-7.2	2.7		-3.3	0.7		-3.1	1.2		-1.0	1.7
<b>Grand Median</b>		16.9		41.6			10.7			9.72			13.1		
<b>Median Abs Dev</b>		4.0		5.0			3.4			3.20			3.3		
<b>Avg Within Lab SD</b>		3.4		5.3			2.7			3.17			2.8		
<b>Labs Included</b>		30		30			30			30			30		
<b>Labs Reporting</b>		30		30			30			30			30		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Bray Extractable K (SubTestCode 144)	in the Bases (1:10) Property Groups										Data units: mg/kg			
	SRSSRS1511	SRSSRS1512	SRSSRS1513	SRSSRS1514	SRSSRS1515									
<b>MGZK6N</b>	<b>69.2</b>	0.1 0.2	<b>232.5</b>	0.3 1.2	<b>35.1</b>	0.4 0.8	<b>128.1</b>	0.6 2.6	<b>280.2</b>	0.1 0.6				
<b>KZGFYV</b>	<b>83.0</b>	0.0 1.7	<b>224.7</b>	0.5 2.5	<b>36.3</b>	0.8 1.5	<b>127.0</b>	0.2 1.0	<b>260.7</b>	0.2 1.5				
<b>B63RJ3</b>	<b>75.0</b>	1.7 6.6	<b>250.3</b>	1.6 7.6	<b>29.3</b>	1.5 3.1	<b>131.7</b>	1.6 7.1	<b>289.7</b>	1.7 15.5				
<b>Grand Median</b>	75.0		232.5		35.1		128.1		280.2					
<b>Median Abs Dev</b>														
<b>Avg Within Lab SD</b>	3.8		4.7		2.0		4.4		9.0					
<b>Labs Included</b>	3		3		3		3		3					
<b>Labs Reporting</b>	3		3		3		3		3					



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

K- Bicarb. (SubTestCode 145)	in the Bases (1:10) Property Groups															Data units: mg/kg
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>6WAFT7</b>	<b>70.7</b>	-0.1	0.3	<b>230.7</b>	0.4	0.1	<b>28.7</b>	0.0	0.4	<b>161.7</b>	0.8	0.1	<b>267.7</b>	-0.1	0.1	
		-0.6	1.5		2.7	1.2		0.2	1.5		12.5	1.2		-1.5	1.5	
<b>FQP3HU</b>	<b>70.0</b>	-0.3	0.2	<b>225.3</b>	-0.4	0.5	<b>28.3</b>	0.0	0.4	<b>133.0</b>	-1.0	0.2	<b>270.7</b>	0.1	0.4	
		-1.3	1.0		-2.7	4.7		-0.2	1.5		-16.2	2.0		1.5	4.6	
<b>CE8C7V</b>	<b>71.9</b>	0.1	1.9	<b>232.6</b>	0.7	1.3	<b>27.2</b>	-0.2	1.2	<b>141.8</b>	-0.5	1.9	<b>240.6</b>	-2.3	1.8	
		0.6	8.8		4.6	12.6		-1.3	4.4		-7.5	18.5		-28.6	22.1	
<b>6YCNP4</b>	<b>82.3</b>	2.2	0.3	<b>220.7</b>	-1.1	1.5	<b>45.3</b>	2.5	1.5	<b>156.7</b>	0.5	0.6	<b>271.7</b>	0.2	0.8	
		11.1	1.5		-7.3	14.5		16.8	5.9		7.5	6.0		2.5	9.3	
<b>Grand Median</b>		71.3		228.0			28.5			149.2			269.2			
<b>Median Abs Dev</b>		0.9		3.6			0.7			10.0			2.0			
<b>Avg Within Lab SD</b>		4.6		9.9			3.8			9.8			12.2			
<b>Labs Included</b>		4		4			4			4			4			
<b>Labs Reporting</b>		4		4			4			4			4			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

K Modified Morgan (SubTestCode 146)	in the Bases (1:10) Property Groups										Data units: mg/kg
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515		
<b>XKF48E</b>	<b>75.2</b>	1.0 2.3	<b>321.5</b>	1.0 2.6	<b>21.5</b>	1.0 0.5	<b>190.5</b>	1.0 3.5	<b>374.2</b>	1.0 5.1	
<b>Grand Median</b>	75.2		321.5		21.5		190.5		374.2		
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	2.3		2.6		0.5		3.5		5.1		
<b>Labs Included</b>	1		1		1		1		1		
<b>Labs Reporting</b>	1		1		1		1		1		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Ca Modified Morgan (SubTestCode 147)	in the Bases (1:10) Property Groups										Data units: mg/kg
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515		
<b>XKF48E</b>	<b>511.7</b>	1.0 21.8	<b>2,344.7</b>	1.0 23.3	<b>332.3</b>	1.0 12.8	<b>2,270.8</b>	1.0 32.1	<b>1,871.5</b>	1.0 29.0	
<b>Grand Median</b>	511.7		2,344.7		332.3		2,270.8		1,871.5		
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	21.8		23.3		12.8		32.1		29.0		
<b>Labs Included</b>	1		1		1		1		1		
<b>Labs Reporting</b>	1		1		1		1		1		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Aluminum KCL Extr. (SubTestCode 148)	in the Bases (1:10) Property Groups										Data units: mg/kg
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515		
<b>6WAF7</b>	<b>3.63</b>	0.20	<b>0.50</b>	0.00	<b>1.70</b>	0.00	<b>0.53</b>	0.63	<b>0.87</b>	1.13	
		0.06		0.00		0.00		0.06		0.15	
<b>C47NEY</b>	<b>7.33</b>	1.69	<b>1.86</b>	1.00	<b>15.91</b>	1.41	<b>1.41</b>	1.27	<b>3.43</b>	1.29	
		0.48		0.15		0.64		0.12		0.17	
<b>3D69EG</b>	<b>3.49</b>	0.33							<b>0.79</b>	0.23	
		0.09								0.03	
<b>Grand Median</b>	3.63		1.18		8.81		0.97		0.87		
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	0.28		0.15		0.45		0.09		0.13		
<b>Labs Included</b>	3		2		2		2		3		
<b>Labs Reporting</b>	3		2		2		2		3		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-1, P (SubTestCode 149)	in the Mehlich-1 Multi Element (scoop) Property Groups												Data units: mg/kg		
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
<b>KQWZGM</b>	<b>33.4</b>	-1.2	0.3	<b>39.1</b>	-1.4	0.2	<b>24.1</b>	-0.9	0.1	<b>47.9</b>	0.5	0.1	<b>92.2</b>	-0.6	0.3
		-4.9	0.2		-10.1	0.2		-3.5	0.2		1.2	0.3		-7.6	0.6
<b>3D69EG</b>	<b>38.1</b>	0.0	1.2	<b>48.2</b>	-0.1	1.2	<b>26.6</b>	-0.3	0.3	<b>45.2</b>	-0.6	0.8	<b>95.7</b>	-0.3	1.0
		-0.2	0.8		-1.1	1.3		-1.0	0.6		-1.5	1.6		-4.1	1.9
<b>4C4V8E</b>	<b>44.3</b>	1.4	0.8	<b>56.3</b>	1.0	1.5	<b>33.0</b>	1.3	0.8	<b>49.3</b>	1.1	0.3	<b>116.7</b>	1.4	0.8
		6.0	0.6		7.1	1.5		5.4	1.7		2.6	0.6		16.9	1.5
<b>BZCGA4</b>	<b>38.5</b>	0.0	1.4	<b>50.3</b>	0.1	0.5	<b>28.7</b>	0.3	1.8	<b>45.5</b>	-0.5	1.8	<b>103.8</b>	0.3	1.5
		0.2	1.0		1.1	0.6		1.0	4.1		-1.2	3.6		4.1	2.8
<b>Grand Median</b>		38.3		49.3			27.6			46.7			99.8		
<b>Median Abs Dev</b>		2.5		4.1			2.3			1.3			5.8		
<b>Avg Within Lab SD</b>		0.7		1.1			2.2			2.0			1.9		
<b>Labs Included</b>		4		4			4			4			4		
<b>Labs Reporting</b>		4		4			4			4			4		





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-1, K (SubTestCode 150)	in the Mehlich-1 Multi Element (scoop) Property Groups															Data units: mg/kg
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>KQWZGM</b>	<b>63.1</b>	-0.4	0.0	<b>135.1</b>	-1.6	0.1	<b>25.5</b>	-1.5	0.4	<b>98.0</b>	0.2	0.3	<b>180.4</b>	-0.8	0.1	
		-0.7	0.0		-14.8	0.7		-1.5	0.5		0.6	0.8		-4.0	0.5	
<b>3D69EG</b>	<b>65.9</b>	1.2	0.9	<b>150.8</b>	0.1	0.4	<b>27.3</b>	0.3	0.9	<b>96.9</b>	-0.2	1.0	<b>185.1</b>	0.2	1.1	
		2.1	1.7		0.9	2.0		0.3	1.1		-0.6	2.7		0.7	5.0	
<b>4C4V8E</b>	<b>62.7</b>	-0.7	1.6	<b>149.0</b>	-0.1	0.7	<b>27.7</b>	0.7	0.5	<b>92.7</b>	-1.3	0.2	<b>183.7</b>	-0.2	0.7	
		-1.1	3.1		-0.9	3.5		0.7	0.6		-4.8	0.6		-0.7	3.5	
<b>BZCGA4</b>	<b>64.5</b>	0.4	0.7	<b>157.7</b>	0.9	1.8	<b>26.7</b>	-0.3	1.7	<b>101.5</b>	1.1	1.7	<b>192.0</b>	1.6	1.5	
		0.7	1.3		7.8	8.9		-0.3	2.0		4.0	4.4		7.6	7.1	
<b>Grand Median</b>		63.8			149.9			27.0			97.5			184.4		
<b>Median Abs Dev</b>		0.9			4.3			0.5			2.3			2.4		
<b>Avg Within Lab SD</b>		1.9			4.9			1.2			2.6			4.7		
<b>Labs Included</b>		4			4			4			4			4		
<b>Labs Reporting</b>		4			4			4			4			4		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-1, Ca (SubTestCode 151)	in the Mehlich-1 Multi Element (scoop) Property Groups												Data units: mg/kg		
	SRSSRS1511	SRSSRS1512	SRSSRS1513	SRSSRS1514	SRSSRS1515		SRSSRS1515		SRSSRS1515		SRSSRS1515				
<b>KQWZGM</b>	<b>649.5</b>	-0.1	0.1	<b>1,547.5</b>	-1.7	0.6	<b>515.9</b>	0.1	0.2	<b>1,933.5</b>	1.1	0.2	<b>1,384.4</b>	-0.3	0.1
		-3.6	2.2		-122.4	26.7		6.6	3.2		103.5	11.4		-26.5	4.2
<b>3D69EG</b>	<b>628.3</b>	-0.7	0.6	<b>1,702.4</b>	0.4	0.8	<b>462.9</b>	-0.9	0.7	<b>1,764.0</b>	-0.7	1.3	<b>1,367.3</b>	-0.5	0.5
		-24.8	16.4		32.5	32.1		-46.4	13.6		-66.0	79.6		-43.7	18.8
<b>4C4V8E</b>	<b>717.7</b>	1.8	1.6	<b>1,690.7</b>	0.3	1.5	<b>592.0</b>	1.6	0.3	<b>1,792.3</b>	-0.4	0.6	<b>1,528.7</b>	1.5	1.3
		64.6	42.0		20.8	63.0		82.7	6.1		-37.7	36.9		117.7	48.6
<b>BZCGA4</b>	<b>656.7</b>	0.1	1.0	<b>1,649.2</b>	-0.3	0.9	<b>502.7</b>	-0.1	1.8	<b>1,867.7</b>	0.4	1.4	<b>1,437.5</b>	0.3	1.4
		3.6	25.9		-20.8	36.0		-6.6	33.8		37.7	86.9		26.5	52.2
<b>Grand Median</b>		653.1		1,669.9			509.3			1,830.0			1,411.0		
<b>Median Abs Dev</b>		14.2		26.6			26.5			51.8			35.1		
<b>Avg Within Lab SD</b>		26.0		41.9			18.5			62.0			36.9		
<b>Labs Included</b>		4		4			4			4			4		
<b>Labs Reporting</b>		4		4			4			4			4		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-1, Mg (SubTestCode 152)	in the Mehlich-1 Multi Element (scoop) Property Groups															Data units: mg/kg
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>KQWZGM</b>	<b>82.5</b>	-0.2	0.0	<b>240.0</b>	-1.7	0.5	<b>44.1</b>	-0.2	0.4	<b>516.9</b>	2.2	0.2	<b>469.5</b>	0.8	0.1	
		-0.6	0.2		-21.1	2.3		-1.1	0.5		36.0	3.1		5.2	0.9	
<b>3D69EG</b>	<b>83.7</b>	0.2	0.6	<b>270.6</b>	0.8	0.9	<b>43.9</b>	-0.3	1.1	<b>482.0</b>	0.1	1.5	<b>466.8</b>	0.4	1.0	
		0.6	2.5		9.5	4.3		-1.3	1.4		1.1	21.5		2.6	7.6	
<b>4C4V8E</b>	<b>87.7</b>	1.8	1.1	<b>262.3</b>	0.1	1.6	<b>54.3</b>	1.9	0.5	<b>474.0</b>	-0.4	0.1	<b>461.7</b>	-0.4	1.4	
		4.5	4.7		1.3	8.1		9.1	0.6		-6.9	1.7		-2.6	10.5	
<b>BZCGA4</b>	<b>82.0</b>	-0.4	1.6	<b>259.8</b>	-0.1	0.7	<b>46.3</b>	0.2	1.5	<b>479.8</b>	-0.1	1.3	<b>457.3</b>	-1.1	1.0	
		-1.1	6.7		-1.3	3.3		1.1	1.9		-1.1	19.1		-6.9	7.9	
<b>Grand Median</b>		83.1		261.1			45.2			480.9			464.2			
<b>Median Abs Dev</b>		0.9		5.4			1.2			4.0			3.9			
<b>Avg Within Lab SD</b>		4.3		5.0			1.2			14.5			7.6			
<b>Labs Included</b>		4		4			4			4			4			
<b>Labs Reporting</b>		4		4			4			4			4			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-1, Mn (SubTestCode 153)		in the Mehlich-1 Multi Element (scoop) Property Groups										Data units: mg/kg			
	SRSSRS1511	SRSSRS1512	SRSSRS1513	SRSSRS1514	SRSSRS1515										
<b>KQWZGM</b>	<b>19.65</b>	-0.97 -1.55 -0.25	0.11 0.09 0.61	<b>4.67</b>	-1.79 -2.68 -0.01	0.15 0.11 0.43	<b>12.38</b>	-0.96 -1.38 -0.05	0.35 0.22 1.13	<b>12.13</b>	-0.06 -0.02 -1.41	0.04 0.04 0.68	<b>64.13</b>	-0.89 -1.99 -0.59	0.15 0.40 0.45
<b>3D69EG</b>	<b>20.80</b>	-0.40 0.25	0.53 1.22	<b>7.33</b>	-0.02 0.01	0.32 0.28	<b>13.70</b>	-0.07 1.64	0.70 1.05	<b>11.77</b>	-0.38 1.17	0.60 0.51	<b>64.80</b>	-1.32 0.59	1.15 0.93
<b>4C4V8E</b>	<b>21.60</b>	0.40 1.23	1.05 1.46	<b>7.37</b>	0.02 0.88	0.21 1.93	<b>16.13</b>	2.37 0.05	0.65 1.23	<b>12.47</b>	0.32 0.06	0.45 1.81	<b>67.43</b>	1.32 0.62	2.39 1.70
<b>BZCGA4</b>	<b>23.17</b>	1.97 1.26		<b>8.67</b>	1.32 1.44		<b>13.83</b>	0.07 0.76		<b>12.17</b>	0.02 1.61		<b>67.50</b>	1.38 4.36	
<b>Grand Median</b>		21.2			7.35			13.8			12.2			66.1	
<b>Median Abs Dev</b>		1.0			0.67			0.7			0.2			1.4	
<b>Avg Within Lab SD</b>		0.9			0.75			0.6			0.9			2.6	
<b>Labs Included</b>		4			4			4			4			4	
<b>Labs Reporting</b>		4			4			4			4			4	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-1, Zn (SubTestCode 154)	in the Mehlich-1 Multi Element (scoop) Property Groups									Data units: mg/kg
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515	
<b>KQWZGM</b>	<b>1.18</b>	0.22	<b>1.35</b>	0.67	<b>1.18</b>	0.20	<b>15.01</b>	0.16	<b>0.66</b>	0.49
		0.01		0.03		0.02		0.09		0.02
<b>3D69EG</b>	<b>1.13</b>	1.21	<b>1.47</b>	1.13	<b>1.17</b>	0.69	<b>14.03</b>	1.04	<b>0.67</b>	1.48
		0.06		0.06		0.06		0.55		0.06
<b>BZCGA4</b>	<b>1.02</b>	1.21	<b>1.08</b>	1.13	<b>1.00</b>	1.58	<b>13.25</b>	1.37	<b>0.33</b>	0.75
		0.06		0.06		0.13		0.73		0.03
<b>Grand Median</b>		1.13		1.35		1.17		14.0		0.66
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>		0.05		0.05		0.08		0.5		0.04
<b>Labs Included</b>		3		3		3		3		3
<b>Labs Reporting</b>		3		3		3		3		3



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

	Mehlich-3, Scoop Density (SubTestCode 155) in the Mehlich-3 Multi-Element Property Groups															Data units: g/cm3
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>26FBY9</b>	<b>0.98</b>	-1.00	0.00	<b>0.88</b>	-1.07	1.30	<b>1.25</b>	-0.14	0.00	<b>0.79</b>	-0.85	0.20	<b>0.96</b>	-0.46	0.70	
		-0.15	0.00		-0.16	0.01		-0.02	0.00		-0.14	0.00		-0.06	0.01	
<b>KQWZGM</b>	<b>2.51</b>	9.64	6.53	<b>2.21</b>	7.93	7.17	<b>2.58</b>	8.24	40.71	<b>2.24</b>	8.19	2.85	<b>2.30</b>	9.23	2.79	
		1.39	0.06		1.17	0.06		1.31	0.28		1.32	0.04		1.28	0.02	
<b>QB3B2R</b>	<b>1.31</b>	1.31		<b>1.22</b>	1.24		<b>1.51</b>	1.53		<b>1.08</b>	0.97		<b>1.23</b>	1.49		
		0.19	0.00		0.18	0.00		0.24	0.00		0.16	0.00		0.21	0.00	
<b>MKUMMU</b>	<b>1.18</b>	0.42	0.00	<b>1.18</b>	0.97	0.00	<b>1.18</b>	-0.54	0.00	<b>1.18</b>	1.59	0.00	<b>1.18</b>	1.13	0.00	
		0.06	0.00		0.14	0.00		-0.09	0.00		0.26	0.00		0.16	0.00	
<b>UB76AM</b>	<b>1.19</b>	0.46	0.91	<b>1.04</b>	0.00	1.43	<b>1.51</b>	1.50	1.62	<b>0.97</b>	0.31	1.15	<b>1.19</b>	1.18	1.43	
		0.07	0.01		0.00	0.01		0.24	0.01		0.05	0.01		0.16	0.01	
<b>EDKTTZ</b>	<b>1.00</b>	-0.83		<b>0.97</b>	-0.47	1.64	<b>1.23</b>	-0.21	1.12	<b>0.84</b>	-0.56	0.40	<b>1.00</b>	-0.14	1.07	
		-0.12	0.00		-0.07	0.01		-0.03	0.01		-0.09	0.01		-0.02	0.01	
<b>89DUG9</b>	<b>1.01</b>	-0.76	1.13	<b>0.95</b>	-0.59	1.30	<b>1.27</b>	0.00	0.85	<b>0.91</b>	-0.07	0.46	<b>1.02</b>	0.00	0.81	
		-0.11	0.01		-0.09	0.01		0.00	0.01		-0.01	0.01		0.00	0.01	
<b>HMD97T</b>	<b>1.19</b>	0.48	2.21	<b>1.13</b>	0.62	0.66	<b>1.46</b>	1.21	1.96	<b>0.92</b>	0.00	0.81	<b>1.23</b>	1.50	0.54	
		0.07	0.02		0.09	0.01		0.19	0.01		0.00	0.01		0.21	0.00	
<b>XLBLAF</b>	<b>1.12</b>	0.00		<b>1.10</b>	0.42		<b>1.40</b>	0.84		<b>1.09</b>	1.03		<b>1.02</b>	-0.02		
		0.00	0.00		0.06	0.00		0.13	0.00		0.17	0.00		0.00	0.00	
<b>PN7ACJ</b>	<b>1.00</b>	-0.81	1.42	<b>0.94</b>	-0.69	0.65	<b>1.25</b>	-0.10	0.74	<b>0.81</b>	-0.69	2.57	<b>1.01</b>	-0.13	2.09	
		-0.12	0.01		-0.10	0.01		-0.02	0.01		-0.11	0.03		-0.02	0.02	
<b>Grand Median</b>		1.12		1.04			1.27			0.92			1.02			
<b>Median Abs Dev</b>		0.11		0.09			0.09			0.11			0.06			
<b>Avg Within Lab SD</b>		0.01		0.01			0.01			0.01			0.01			
<b>Labs Included</b>		9		9			9			9			9			
<b>Labs Reporting</b>		9		9			9			9			9			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-3, P Colorimetric (SubTestCode 156)	in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>C47NEY</b>	<b>33.4</b>	1.9	0.7	<b>16.7</b>	1.4	0.5	<b>81.5</b>	2.0	0.4	<b>78.4</b>	3.5	1.0	<b>68.8</b>	3.4	0.3	
		6.1	0.4		3.1	0.2		20.8	0.5		23.3	0.8		22.1	0.4	
<b>QUDDLH</b>	<b>32.0</b>	1.4	1.7	<b>15.0</b>	0.6	2.2	<b>64.3</b>	0.3	0.6	<b>61.3</b>	0.9	1.8	<b>50.3</b>	0.5	2.1	
		4.7	1.0		1.4	1.0		3.6	0.6		6.2	1.5		3.6	3.1	
<b>MKUMMU</b>	<b>24.0</b>	-1.0	1.7	<b>15.0</b>	0.6		<b>53.0</b>	-0.8	1.0	<b>55.7</b>	0.1	0.7	<b>45.3</b>	-0.2	1.4	
		-3.3	1.0		1.4	0.0		-7.8	1.0		0.5	0.6		-1.4	2.1	
<b>JXC9JX</b>	<b>28.0</b>	0.2		<b>12.0</b>	-0.7		<b>50.0</b>	-1.0		<b>55.0</b>	0.0		<b>46.0</b>	-0.1		
		0.7	0.0		-1.6	0.0		-10.8	0.0		-0.1	0.0		-0.8	0.0	
<b>GLNMZX</b>	<b>27.0</b>	-0.1		<b>11.8</b>	-0.8	0.6	<b>56.7</b>	-0.4	1.1	<b>54.7</b>	-0.1	1.4	<b>45.5</b>	-0.2	0.6	
		-0.3	0.0		-1.7	0.3		-4.1	1.2		-0.5	1.2		-1.3	0.9	
<b>V9WEKJ</b>	<b>27.1</b>	-0.1	0.2	<b>13.6</b>	0.0	0.3	<b>60.8</b>	0.0	0.6	<b>55.1</b>	0.0	0.4	<b>46.8</b>	0.0	0.3	
		-0.3	0.1		0.0	0.1		0.0	0.7		0.0	0.3		0.0	0.4	
<b>RKW4MM</b>	<b>27.3</b>	0.0	1.0	<b>12.3</b>	-0.6	1.3	<b>62.3</b>	0.2	2.0	<b>54.7</b>	-0.1	0.7	<b>48.7</b>	0.3	0.4	
		0.0	0.6		-1.2	0.6		1.6	2.1		-0.5	0.6		1.9	0.6	
<b>Grand Median</b>		27.3		13.6			60.8			55.1			46.8			
<b>Median Abs Dev</b>		0.7		1.4			4.1			0.5			1.4			
<b>Avg Within Lab SD</b>		0.6		0.5			1.0			0.9			1.5			
<b>Labs Included</b>		7		7			7			7			7			
<b>Labs Reporting</b>		7		7			7			7			7			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-3, P ICP-AES (SubTestCode 157)	in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>NRW8AP</b>	<b>29.3</b>	-1.3	0.3	<b>13.2</b>	-1.3	0.2	<b>82.3</b>	0.2	0.2	<b>66.0</b>	-0.4	0.2	<b>54.3</b>	-0.2	0.2	
		-8.7	0.6		-5.1	0.3		2.9	1.3		-6.4	1.5		-2.8	0.8	
<b>26FBY9</b>	<b>39.3</b>	0.2	1.2	<b>17.8</b>	-0.1	1.1	<b>86.0</b>	0.5	0.5	<b>74.0</b>	0.1	0.4	<b>61.8</b>	0.4	0.2	
		1.3	2.0		-0.5	1.4		6.6	3.3		1.6	3.7		4.7	0.6	
<b>MGZK6N</b>	<b>41.5</b>	0.5	0.1	<b>20.6</b>	0.6	0.2	<b>85.1</b>	0.4	0.1	<b>72.7</b>	0.0	0.0	<b>60.0</b>	0.2	0.1	
		3.5	0.2		2.3	0.3		5.8	0.8		0.3	0.1		3.0	0.2	
<b>CP6CHY</b>	<b>38.0</b>	0.0	1.8	<b>17.0</b>	-0.3	0.8	<b>82.0</b>	0.2	0.3	<b>76.7</b>	0.3	0.2	<b>59.7</b>	0.2	1.1	
		0.0	3.0		-1.3	1.0		2.7	1.7		4.3	1.5		2.6	4.0	
<b>4RZ3B8</b>	<b>40.9</b>	0.4	0.2	<b>19.5</b>	0.3	1.4	<b>76.9</b>	-0.2	0.2	<b>75.4</b>	0.2	0.3	<b>62.4</b>	0.4	0.1	
		2.9	0.3		1.2	1.7		-2.4	1.2		3.0	3.1		5.3	0.6	
<b>J7BMPT</b>	<b>36.0</b>	-0.3	0.6	<b>17.7</b>	-0.2	0.5	<b>79.3</b>	0.0	0.4	<b>65.3</b>	-0.5	0.3	<b>52.7</b>	-0.3	0.8	
		-2.0	1.0		-0.6	0.6		0.0	2.5		-7.1	2.5		-4.4	2.9	
<b>8MDKJZ</b>	<b>37.3</b>	-0.1	1.5	<b>20.7</b>	0.6	1.0	<b>87.3</b>	0.6	0.4	<b>65.7</b>	-0.4	0.4	<b>56.7</b>	0.0	0.6	
		-0.7	2.5		2.4	1.2		8.0	2.5		-6.7	4.2		-0.4	2.1	
<b>Q4YHTG</b>	<b>36.5</b>	-0.2	0.4	<b>16.8</b>	-0.4	0.3	<b>75.2</b>	-0.3	0.2	<b>63.1</b>	-0.6	0.3	<b>54.3</b>	-0.2	0.4	
		-1.5	0.7		-1.5	0.4		-4.1	1.2		-9.3	3.4		-2.8	1.3	
<b>KQWZGM</b>	<b>38.5</b>	0.1	0.1	<b>18.3</b>	0.0	0.2	<b>77.5</b>	-0.1	0.0	<b>73.4</b>	0.1	0.0	<b>56.6</b>	0.0	0.1	
		0.5	0.2		0.0	0.2		-1.8	0.3		1.0	0.1		-0.4	0.4	
<b>KQRJHN</b>	<b>38.3</b>	0.0	0.3	<b>18.3</b>	0.0	0.5	<b>82.0</b>	0.2	0.3	<b>69.0</b>	-0.2	0.1	<b>58.7</b>	0.1	0.2	
		0.3	0.6		0.0	0.6		2.7	2.0		-3.4	1.0		1.6	0.6	
<b>G6NDG2</b>	<b>32.9</b>	-0.8	0.3	<b>14.7</b>	-0.9	0.1	<b>77.3</b>	-0.1	0.2	<b>60.8</b>	-0.8	0.0	<b>54.4</b>	-0.2	0.2	
		-5.1	0.5		-3.6	0.1		-2.1	1.0		-11.6	0.4		-2.7	0.9	
<b>CQF2X6</b>	<b>42.7</b>	0.7	0.9	<b>22.7</b>	1.1	0.5	<b>92.3</b>	0.9	0.6	<b>86.3</b>	0.9	0.2	<b>71.3</b>	1.1	0.4	
		4.7	1.5		4.4	0.6		13.0	3.5		13.9	1.5		14.3	1.5	
<b>QB3B2R</b>	<b>25.0</b>	-1.9	1.2	<b>14.7</b>	-0.9	0.5	<b>53.0</b>	-1.8	0.3	<b>63.3</b>	-0.6	0.5	<b>57.0</b>	0.0	0.5	
		-13.0	2.0		-3.6	0.6		-26.3	2.0		-9.1	4.5		-0.1	2.0	
<b>KZGFYV</b>	<b>33.7</b>	-0.6	0.0	<b>16.0</b>	-0.6	0.3	<b>73.2</b>	-0.4	0.7	<b>70.8</b>	-0.1	0.1	<b>52.9</b>	-0.3	0.3	
		-4.3	0.1		-2.3	0.3		-6.2	4.2		-1.6	0.8		-4.2	0.9	
<b>UB76AM</b>	<b>35.5</b>	-0.4	0.5	<b>15.9</b>	-0.6	0.2	<b>79.2</b>	0.0	0.1	<b>67.6</b>	-0.3	0.1	<b>55.9</b>	-0.1	0.4	
		-2.5	0.8		-2.4	0.2		-0.2	0.7		-4.8	1.1		-1.2	1.6	
<b>44U7TF</b>	<b>62.3</b>	3.6		<b>31.6</b>	3.3		<b>110.1</b>	2.1		<b>108.0</b>	2.4		<b>91.4</b>	2.6		
		24.3	0.0		13.3	0.0		30.8	0.0		35.6	0.0		34.4	0.0	
<b>ZEMHEH</b>	<b>60.1</b>	3.3	1.9	<b>33.5</b>	3.7	2.7	<b>119.3</b>	2.8	5.2	<b>160.8</b>	5.9	5.2	<b>134.9</b>	5.9	2.6	
		22.1	3.1		15.2	3.3		40.0	32.8		88.4	50.9		77.8	9.9	
<b>KXVCQX</b>	<b>29.2</b>	-1.3	0.4	<b>14.0</b>	-1.1	0.7	<b>80.7</b>	0.1	0.2	<b>64.2</b>	-0.5	0.1	<b>56.2</b>	-0.1	0.2	
		-8.8	0.6		-4.3	0.8		1.4	1.1		-8.2	1.3		-0.9	0.9	
<b>WR44BL</b>	<b>33.8</b>	-0.6	0.0	<b>15.2</b>	-0.8	0.0	<b>71.1</b>	-0.6	0.0	<b>61.0</b>	-0.8		<b>54.1</b>	-0.2	0.0	
		-4.2	0.0		-3.1	0.0		-8.2	0.1		-11.4	0.0		-2.9	0.0	
<b>EDKTTZ</b>	<b>41.2</b>	0.5	1.6	<b>17.9</b>	-0.1	1.7	<b>86.6</b>	0.5	1.1	<b>81.8</b>	0.6	0.4	<b>69.2</b>	0.9	0.5	
		3.2	2.6		-0.4	2.1		7.2	6.9		9.4	4.0		12.1	1.8	





## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference		W/L STD	Difference		W/L STD	Difference		W/L STD	Difference		W/L STD	Difference		W/L STD
<b>XX43YG</b>	<b>40.3</b>	0.3	0.9	<b>21.7</b>	0.8	1.3	<b>75.7</b>	-0.3	0.6	<b>87.3</b>	1.0	0.7	<b>68.3</b>	0.9	1.2
		2.3	1.5		3.4	1.5		-3.7	3.5		14.9	6.7		11.3	4.5
<b>89DUG9</b>	<b>37.6</b>	-0.1	0.3	<b>18.3</b>	0.0	0.1	<b>62.4</b>	-1.2	0.3	<b>75.9</b>	0.2	0.1	<b>54.4</b>	-0.2	0.2
		-0.4	0.5		0.0	0.1		-17.0	2.0		3.5	1.0		-2.6	0.6
<b>4F7V8B</b>	<b>38.5</b>	0.1	0.1	<b>17.5</b>	-0.2	0.1	<b>79.4</b>	0.0	0.1	<b>68.1</b>	-0.3	0.0	<b>57.1</b>	0.0	0.1
		0.5	0.1		-0.8	0.1		0.0	0.5		-4.3	0.2		0.0	0.3
<b>HMD97T</b>	<b>41.0</b>	0.4	0.2	<b>21.8</b>	0.9	0.2	<b>91.1</b>	0.8	0.5	<b>81.0</b>	0.6	0.2	<b>72.4</b>	1.2	0.1
		3.0	0.4		3.5	0.2		11.7	3.0		8.6	1.5		15.4	0.4
<b>7L7UV7</b>	<b>36.1</b>	-0.3	0.3	<b>17.7</b>	-0.1	0.2	<b>78.2</b>	-0.1	0.3	<b>68.3</b>	-0.3	0.2	<b>54.6</b>	-0.2	0.3
		-1.9	0.4		-0.6	0.2		-1.1	2.0		-4.1	1.9		-2.5	1.1
<b>XKF48E</b>	<b>39.5</b>	0.2	3.4	<b>18.7</b>	0.1	2.9	<b>77.0</b>	-0.2	0.4	<b>78.5</b>	0.4	0.5	<b>71.1</b>	1.1	4.3
		1.5	5.6		0.4	3.5		-2.3	2.6		6.1	5.3		14.0	16.2
<b>F7ZQLX</b>	<b>44.0</b>	0.9	0.1	<b>25.8</b>	1.8	0.5	<b>66.8</b>	-0.9	0.2	<b>67.7</b>	-0.3	0.2	<b>85.7</b>	2.2	0.5
		6.0	0.1		7.5	0.6		-12.5	1.3		-4.7	1.6		28.7	1.9
<b>TAEMVG</b>	<b>33.3</b>	-0.7	0.7	<b>18.3</b>	0.0	1.0	<b>67.3</b>	-0.8	0.1	<b>80.3</b>	0.5	1.4	<b>54.3</b>	-0.2	0.4
		-4.7	1.2		0.0	1.2		-12.0	0.6		7.9	13.3		-2.7	1.5
<b>HNU6YT</b>	<b>39.1</b>	0.2	0.9	<b>18.3</b>	0.0	0.9	<b>88.7</b>	0.6	0.6	<b>75.7</b>	0.2	0.2	<b>63.8</b>	0.5	0.5
		1.1	1.5		0.0	1.1		9.3	3.9		3.3	2.3		6.8	1.7
<b>WN9D4A</b>	<b>33.5</b>	-0.7	0.6	<b>18.5</b>	0.0	0.7	<b>25.4</b>	-3.7	0.2	<b>54.2</b>	-1.2	0.1	<b>48.2</b>	-0.7	0.1
		-4.5	0.9		0.2	0.9		-53.9	1.2		-18.2	0.8		-8.8	0.3
<b>PN7ACJ</b>	<b>35.4</b>	-0.4	0.5	<b>17.4</b>	-0.2	0.9	<b>86.5</b>	0.5	0.2	<b>72.4</b>	0.0	0.5	<b>61.3</b>	0.3	0.2
		-2.6	0.8		-0.9	1.1		7.2	1.5		0.0	4.8		4.3	0.8
<b>Grand Median</b>		38.0		18.3			79.3			72.4			57.1		
<b>Median Abs Dev</b>		2.9		1.5			6.2			6.4			3.0		
<b>Avg Within Lab SD</b>		1.7		1.2			6.4			9.8			3.8		
<b>Labs Included</b>		31		31			31			31			31		
<b>Labs Reporting</b>		31		31			31			31			31		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-3, K (SubTestCode 158)			in the Mehlich-3 Multi-Element Property Groups										Data units: mg/kg		
	SRSSRS1511		SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>NRW8AP</b>	<b>91.2</b>	0.0	0.3	<b>302.0</b>	-0.3	0.0	<b>40.5</b>	0.8	0.2	<b>171.8</b>	0.0	0.4	<b>392.0</b>	-0.1	0.1
		-0.2	1.3		-12.7	0.5		4.9	0.5		0.6	3.8		-5.8	2.0
<b>26FBY9</b>	<b>94.0</b>	0.2	0.8	<b>340.3</b>	0.6	0.5	<b>36.8</b>	0.2	2.1	<b>183.5</b>	0.4	0.6	<b>447.5</b>	0.9	0.7
		2.6	3.3		25.7	9.0		1.3	5.2		12.3	5.0		49.7	15.4
<b>MGZK6N</b>	<b>100.2</b>	0.8	0.5	<b>332.6</b>	0.5	0.2	<b>38.0</b>	0.4	0.1	<b>171.1</b>	0.0	0.1	<b>431.7</b>	0.6	0.1
		8.8	2.0		17.9	4.0		2.4	0.2		-0.1	1.2		33.8	3.1
<b>CP6CHY</b>	<b>94.0</b>	0.2	0.9	<b>298.0</b>	-0.4	4.0	<b>37.3</b>	0.3	0.2	<b>195.3</b>	0.8	0.3	<b>454.0</b>	1.0	0.5
		2.6	3.5		-16.7	66.7		1.8	0.6		24.2	2.9		56.2	9.6
<b>J7BMPT</b>	<b>85.7</b>	-0.5	0.1	<b>296.3</b>	-0.5	0.3	<b>40.3</b>	0.8	0.9	<b>159.7</b>	-0.4	0.1	<b>384.0</b>	-0.2	0.2
		-5.7	0.6		-18.3	4.5		4.8	2.1		-11.5	1.2		-13.8	5.3
<b>8MDKJZ</b>	<b>81.0</b>	-0.9	0.7	<b>278.3</b>	-0.9	0.4	<b>29.0</b>	-1.1	0.4	<b>139.3</b>	-1.0	0.4	<b>338.0</b>	-1.1	0.3
		-10.4	2.6		-36.3	7.0		-6.6	1.0		-31.8	4.0		-59.8	7.0
<b>Q4YHTG</b>	<b>76.3</b>	-1.3	0.1	<b>262.3</b>	-1.3	0.0	<b>33.0</b>	-0.4	0.8	<b>138.0</b>	-1.1	0.8	<b>335.3</b>	-1.1	0.2
		-15.1	0.3		-52.4	0.4		-2.5	2.0		-33.2	7.3		-62.6	5.0
<b>KQWZGM</b>	<b>106.5</b>	1.3		<b>351.3</b>	0.9	0.1	<b>35.4</b>	0.0	0.2	<b>197.5</b>	0.9	0.0	<b>434.2</b>	0.6	0.2
		15.1	0.0		36.6	1.6		-0.1	0.4		26.3	0.2		36.3	4.5
<b>KQRJHN</b>	<b>89.0</b>	-0.2	0.2	<b>320.0</b>	0.1	0.1	<b>35.7</b>	0.0	0.6	<b>162.3</b>	-0.3	0.2	<b>400.0</b>	0.0	0.2
		-2.4	1.0		5.3	2.0		0.1	1.5		-8.8	1.5		2.2	4.4
<b>G6NDG2</b>	<b>82.4</b>	-0.8	0.1	<b>288.1</b>	-0.7	0.3	<b>35.0</b>	-0.1	0.1	<b>159.3</b>	-0.4	1.0	<b>418.9</b>	0.4	0.5
		-9.0	0.4		-26.5	5.5		-0.6	0.3		-11.9	9.3		21.0	11.6
<b>CQF2X6</b>	<b>93.0</b>	0.1	1.0	<b>360.0</b>	1.1	0.2	<b>42.0</b>	1.1	0.8	<b>201.7</b>	1.0	0.4	<b>434.7</b>	0.7	0.2
		1.6	4.0		45.3	3.0		6.4	2.0		30.5	3.5		36.8	3.5
<b>QB3B2R</b>	<b>71.7</b>	-1.7	0.6	<b>284.0</b>	-0.8	1.1	<b>24.3</b>	-1.9	0.6	<b>171.0</b>	0.0	0.8	<b>325.3</b>	-1.3	0.8
		-19.7	2.5		-30.7	17.5		-11.2	1.5		-0.2	7.0		-72.5	16.7
<b>KZGFYV</b>	<b>91.7</b>	0.0	0.1	<b>333.6</b>	0.5	0.2	<b>32.3</b>	-0.5	0.6	<b>188.4</b>	0.6	0.2	<b>412.1</b>	0.3	0.1
		0.2	0.6		18.9	3.9		-3.2	1.6		17.2	2.0		14.2	2.0
<b>MKUMMU</b>	<b>81.0</b>	-0.9	0.2	<b>313.7</b>	0.0	0.4	<b>26.0</b>	-1.6	0.4	<b>158.3</b>	-0.4	0.2	<b>373.3</b>	-0.4	0.2
		-10.4	1.0		-1.0	6.4		-9.6	1.0		-12.8	1.5		-24.5	4.5
<b>UB76AM</b>	<b>83.4</b>	-0.7	0.5	<b>288.0</b>	-0.7	0.7	<b>35.8</b>	0.0	0.4	<b>160.7</b>	-0.3	0.3	<b>393.3</b>	-0.1	0.4
		-8.0	2.2		-26.7	10.8		0.2	1.1		-10.5	2.3		-4.5	9.0
<b>JXC9JX</b>	<b>92.0</b>	0.1		<b>308.0</b>	-0.2		<b>40.0</b>	0.7		<b>168.0</b>	-0.1		<b>382.0</b>	-0.3	
		0.6	0.0		-6.7	0.0		4.4	0.0		-3.2	0.0		-15.8	0.0
<b>44U7TF</b>	<b>113.9</b>	1.9		<b>367.1</b>	1.3		<b>47.5</b>	2.0		<b>214.3</b>	1.4		<b>475.9</b>	1.4	
		22.5	0.0		52.4	0.0		11.9	0.0		43.1	0.0		78.0	0.0
<b>ZEMHEH</b>	<b>78.3</b>	-1.1	3.0	<b>340.8</b>	0.7	1.7	<b>21.7</b>	-2.3	2.7	<b>198.2</b>	0.9	2.0	<b>336.0</b>	-1.1	5.0
		-13.1	12.1		26.1	28.1		-13.9	6.6		27.1	18.0		-61.9	106.1
<b>KXVCQX</b>	<b>81.0</b>	-0.9	0.4	<b>296.7</b>	-0.5	0.1	<b>34.2</b>	-0.2	0.3	<b>148.3</b>	-0.7	0.4	<b>395.7</b>	0.0	0.3
		-10.4	1.7		-18.0	1.5		-1.4	0.7		-22.8	4.0		-2.2	6.4
<b>WR44BL</b>	<b>75.8</b>	-1.3	0.0	<b>259.0</b>	-1.4		<b>31.3</b>	-0.7	0.0	<b>144.7</b>	-0.9	0.1	<b>371.7</b>	-0.5	0.0
		-15.6	0.0		-55.7	0.0		-4.3	0.1		-26.5	0.6		-26.2	0.6



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>EDKTTZ</b>	<b>97.9</b>	0.6	0.6	<b>371.1</b>	1.4	1.0	<b>36.7</b>	0.2	0.5	<b>209.9</b>	1.3	0.3	<b>547.7</b>	2.7	1.1
		6.4	2.5		56.5	15.9		1.2	1.1		38.8	2.6		149.9	22.5
<b>XX43YG</b>	<b>95.7</b>	0.4	2.1	<b>375.3</b>	1.5	1.2	<b>26.7</b>	-1.5	1.5	<b>229.3</b>	1.9	1.9	<b>439.3</b>	0.7	1.2
		4.3	8.5		60.7	19.7		-8.9	3.8		58.2	17.2		41.5	26.0
<b>GLNMZX</b>	<b>88.7</b>	-0.2	0.8	<b>289.3</b>	-0.6	0.1	<b>40.7</b>	0.9	0.9	<b>152.7</b>	-0.6	0.1	<b>366.7</b>	-0.6	0.1
		-2.7	3.1		-25.3	1.2		5.1	2.3		-18.5	1.2		-31.2	2.3
<b>V9WEKJ</b>	<b>84.2</b>	-0.6	0.3	<b>305.6</b>	-0.2	0.1	<b>37.2</b>	0.3	0.4	<b>157.2</b>	-0.5	0.1	<b>365.4</b>	-0.6	0.0
		-7.2	1.3		-9.1	1.4		1.7	0.9		-14.0	0.8		-32.4	0.9
<b>89DUG9</b>	<b>101.2</b>	0.8	0.4	<b>367.1</b>	1.3	0.3	<b>35.2</b>	-0.1	0.5	<b>224.4</b>	1.7	0.5	<b>431.2</b>	0.6	0.1
		9.8	1.5		52.4	5.6		-0.4	1.2		53.2	4.9		33.4	3.0
<b>RKW4MM</b>	<b>92.0</b>	0.1	0.2	<b>315.7</b>	0.0	0.4	<b>36.3</b>	0.1	0.9	<b>151.7</b>	-0.6	0.2	<b>389.0</b>	-0.2	0.2
		0.6	1.0		1.0	7.2		0.8	2.1		-19.5	1.5		-8.8	5.3
<b>4F7V8B</b>	<b>91.9</b>	0.0	0.4	<b>318.6</b>	0.1	0.2	<b>34.3</b>	-0.2	0.2	<b>171.2</b>	0.0	0.9	<b>414.0</b>	0.3	0.1
		0.5	1.5		3.9	4.0		-1.3	0.6		0.1	7.8		16.1	2.8
<b>HMD97T</b>	<b>93.1</b>	0.1	0.3	<b>364.7</b>	1.3	0.1	<b>34.5</b>	-0.2	0.4	<b>186.7</b>	0.5	0.8	<b>484.8</b>	1.5	0.4
		1.7	1.3		50.0	2.0		-1.1	1.0		15.5	7.2		87.0	8.5
<b>7L7UV7</b>	<b>78.6</b>	-1.1	0.2	<b>307.7</b>	-0.2	0.5	<b>33.3</b>	-0.4	0.1	<b>149.2</b>	-0.7	0.4	<b>393.6</b>	-0.1	0.3
		-12.8	0.9		-7.0	9.0		-2.3	0.3		-22.0	3.7		-4.3	5.7
<b>XKF48E</b>	<b>89.5</b>	-0.2	2.1	<b>308.2</b>	-0.2	1.1	<b>32.2</b>	-0.6	0.9	<b>193.5</b>	0.7	1.2	<b>435.9</b>	0.7	1.2
		-1.9	8.4		-6.4	17.5		-3.3	2.1		22.4	10.5		38.0	25.2
<b>F7ZQLX</b>	<b>77.6</b>	-1.2	0.6	<b>276.7</b>	-1.0	0.3	<b>36.3</b>	0.1	2.5	<b>142.0</b>	-1.0	0.5	<b>338.9</b>	-1.0	0.7
		-13.8	2.4		-38.0	5.7		0.7	6.1		-29.1	4.1		-58.9	15.4
<b>TAEMVG</b>	<b>95.0</b>	0.3	1.1	<b>330.3</b>	0.4	1.6	<b>28.0</b>	-1.3	0.4	<b>203.3</b>	1.1	3.6	<b>380.7</b>	-0.3	0.6
		3.6	4.6		15.7	26.0		-7.6	1.0		32.2	32.0		-17.2	13.6
<b>HNU6YT</b>	<b>115.9</b>	2.1	2.8	<b>335.5</b>	0.5	2.1	<b>41.8</b>	1.0	2.3	<b>172.3</b>	0.0	1.2	<b>424.4</b>	0.5	0.8
		24.5	11.3		20.8	35.1		6.2	5.7		1.1	11.1		26.5	17.9
<b>Q77MKK</b>	<b>235.9</b>	12.4		<b>856.2</b>	13.6		<b>80.2</b>	7.4		<b>603.8</b>	14.1		<b>1,242.5</b>	15.0	
		144.5	0.0		541.6	0.0		44.6	0.0		432.6	0.0		844.7	0.0
<b>PN7ACJ</b>	<b>93.7</b>	0.2	0.9	<b>348.7</b>	0.9	0.9	<b>41.1</b>	0.9	0.9	<b>193.4</b>	0.7	2.2	<b>464.6</b>	1.2	0.7
		2.3	3.8		34.1	15.6		5.5	2.1		22.3	19.7		66.8	14.8
<b>Grand Median</b>		91.4			314.7			35.6			171.2			397.8	
<b>Median Abs Dev</b>		6.8			25.5			2.9			20.7			32.9	
<b>Avg Within Lab SD</b>		4.0			16.5			2.4			9.0			21.2	
<b>Labs Included</b>		34			34			34			34			34	
<b>Labs Reporting</b>		34			34			34			34			34	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-3, Ca (SubTestCode 159)	in the Mehlich-3 Multi-Element Property Groups												Data units: mg/kg		
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
<b>NRW8AP</b>	<b>611.5</b>	-0.4	0.4	<b>2,147.5</b>	-0.6	0.3	<b>590.8</b>	0.1	0.1	<b>1,954.5</b>	-0.9	0.2	<b>1,796.8</b>	-0.7	0.3
		-44.5	14.8		-192.2	38.0		10.7	4.8		-276.1	25.5		-188.1	23.8
<b>26FBY9</b>	<b>628.0</b>	-0.2	0.3	<b>2,394.7</b>	0.2	0.7	<b>578.3</b>	0.0	1.0	<b>2,172.7</b>	-0.2	0.5	<b>2,031.2</b>	0.2	0.4
		-27.9	12.5		55.1	79.7		-1.8	39.7		-57.9	64.2		46.4	33.3
<b>MGZK6N</b>	<b>872.0</b>	1.8	0.4	<b>3,010.3</b>	2.2	0.0	<b>864.3</b>	3.0	0.4	<b>2,623.3</b>	1.3	0.1	<b>2,509.7</b>	2.0	0.6
		216.0	15.2		670.7	5.5		284.3	16.9		392.8	9.0		524.8	49.4
<b>CP6CHY</b>	<b>718.0</b>	0.5	0.1	<b>2,403.0</b>	0.2	0.4	<b>576.7</b>	0.0	0.3	<b>2,332.7</b>	0.3	0.1	<b>2,135.7</b>	0.6	0.5
		62.0	4.4		63.3	47.6		-3.4	11.7		102.1	12.0		150.8	41.5
<b>J7BMPT</b>	<b>659.0</b>	0.0	0.4	<b>2,370.3</b>	0.1	0.5	<b>632.7</b>	0.6	0.3	<b>2,147.0</b>	-0.3	0.4	<b>1,986.3</b>	0.0	0.6
		3.0	14.0		30.7	59.7		52.6	13.1		-83.6	60.0		1.5	48.2
<b>8MDKJZ</b>	<b>564.3</b>	-0.8	0.2	<b>2,293.7</b>	-0.1	0.2	<b>523.0</b>	-0.6	0.2	<b>2,125.0</b>	-0.3	0.2	<b>1,947.0</b>	-0.1	0.3
		-91.6	5.9		-46.0	23.8		-57.1	7.2		-105.6	25.5		-37.8	21.9
<b>Q4YHTG</b>	<b>602.7</b>	-0.5	0.7	<b>2,038.9</b>	-1.0	0.2	<b>581.8</b>	0.0	0.5	<b>1,810.0</b>	-1.3	0.7	<b>1,741.7</b>	-0.9	0.4
		-53.3	25.5		-300.8	18.9		1.8	19.6		-420.6	97.1		-243.2	28.0
<b>KQWZGM</b>	<b>756.7</b>	0.9	0.1	<b>2,602.0</b>	0.9	0.1	<b>542.6</b>	-0.4	0.1	<b>2,453.7</b>	0.7	0.3	<b>2,131.0</b>	0.5	0.1
		100.8	2.6		262.3	14.7		-37.4	3.4		223.1	42.6		146.2	7.2
<b>KQRJHN</b>	<b>631.0</b>	-0.2	0.1	<b>2,338.3</b>	0.0	0.3	<b>582.3</b>	0.0	0.2	<b>1,950.3</b>	-0.9	0.2	<b>1,871.7</b>	-0.4	0.3
		-25.0	5.0		-1.3	39.2		2.3	7.2		-280.2	26.8		-113.2	23.5
<b>G6NDG2</b>	<b>624.5</b>	-0.3	0.3	<b>2,220.0</b>	-0.4	0.6	<b>577.3</b>	0.0	0.2	<b>2,000.7</b>	-0.7	0.0	<b>2,224.0</b>	0.9	0.8
		-31.5	12.1		-119.7	74.1		-2.7	8.4		-229.9	6.5		239.2	63.6
<b>CQF2X6</b>	<b>735.3</b>	0.7	0.1	<b>2,446.7</b>	0.3	0.2	<b>643.3</b>	0.7	1.5	<b>2,263.3</b>	0.1	0.0	<b>1,983.3</b>	0.0	0.2
		79.4	5.0		107.0	25.2		63.3	61.1		32.8	5.8		-1.5	11.5
<b>QB3B2R</b>	<b>553.3</b>	-0.9	0.4	<b>1,837.0</b>	-1.6	1.5	<b>473.7</b>	-1.1	0.1	<b>2,229.3</b>	0.0	0.1	<b>1,766.3</b>	-0.8	0.3
		-102.6	14.6		-502.7	178.7		-106.4	4.9		-1.2	17.0		-218.5	23.5
<b>KZGFYV</b>	<b>567.8</b>	-0.8	0.2	<b>2,156.0</b>	-0.6	0.3	<b>489.2</b>	-1.0	0.5	<b>2,055.0</b>	-0.6	0.1	<b>1,726.2</b>	-1.0	0.4
		-88.2	8.6		-183.7	29.8		-90.9	22.1		-175.6	20.1		-258.6	28.8
<b>MKUMMU</b>	<b>714.3</b>	0.5	0.2	<b>2,587.7</b>	0.8	0.3	<b>597.0</b>	0.2	0.3	<b>2,242.7</b>	0.0	0.7	<b>2,053.7</b>	0.3	0.2
		58.4	9.5		248.0	38.7		16.9	13.7		12.1	95.2		68.8	14.4
<b>UB76AM</b>	<b>612.0</b>	-0.4	0.6	<b>2,145.7</b>	-0.6	0.4	<b>576.7</b>	0.0	0.0	<b>2,017.3</b>	-0.7	0.1	<b>1,955.0</b>	-0.1	0.6
		-44.0	23.1		-194.0	45.6		-3.4	0.6		-213.2	7.1		-29.8	42.3
<b>JXC9JX</b>	<b>681.0</b>	0.2		<b>2,341.0</b>	0.0		<b>693.0</b>	1.2		<b>2,247.0</b>	0.1		<b>2,077.0</b>	0.3	
		25.0	0.0		1.3	0.0		112.9	0.0		16.4	0.0		92.2	0.0
<b>44U7TF</b>	<b>882.3</b>	1.9		<b>3,201.9</b>	2.8		<b>704.4</b>	1.3		<b>2,898.0</b>	2.1		<b>2,682.9</b>	2.6	
		226.3	0.0		862.2	0.0		124.3	0.0		667.5	0.0		698.0	0.0
<b>ZEMHEH</b>	<b>553.6</b>	-0.9	0.1	<b>2,286.0</b>	-0.2	0.6	<b>459.0</b>	-1.3	0.5	<b>2,231.8</b>	0.0	0.5	<b>1,719.3</b>	-1.0	1.0
		-102.3	3.2		-53.7	74.5		-121.1	18.7		1.2	63.6		-265.5	74.2
<b>KXVCQX</b>	<b>600.0</b>	-0.5	0.2	<b>2,257.3</b>	-0.3	0.3	<b>594.7</b>	0.2	0.1	<b>2,007.7</b>	-0.7	0.6	<b>1,998.0</b>	0.0	0.8
		-56.0	6.6		-82.3	36.1		14.6	5.7		-222.9	84.2		13.2	58.6
<b>WR44BL</b>	<b>531.6</b>	-1.1	0.0	<b>1,937.3</b>	-1.3	0.0	<b>518.3</b>	-0.7	0.0	<b>1,830.0</b>	-1.3		<b>1,790.0</b>	-0.7	
		-124.4	0.0		-402.3	0.6		-61.7	0.6		-400.6	0.0		-194.8	0.0



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD
<b>EDKTTZ</b>	<b>819.9</b>	1.4	1.6	<b>2,586.7</b>	0.8	0.9	<b>484.1</b>	-1.0	1.4	<b>2,334.4</b>	0.3	0.6	<b>2,267.3</b>	1.1	1.4
		164.0	62.8		247.1	105.7		-95.9	57.2		103.9	87.5		282.5	105.2
<b>XX43YG</b>	<b>835.0</b>	1.5	4.5	<b>2,726.3</b>	1.3	4.6	<b>615.3</b>	0.4	4.2	<b>2,735.7</b>	1.6	3.9	<b>2,341.3</b>	1.3	4.4
		179.0	173.8		386.7	543.0		35.3	170.0		505.1	527.6		356.5	335.0
<b>GLNMZX</b>	<b>623.3</b>	-0.3	0.4	<b>2,184.3</b>	-0.5	0.2	<b>609.7</b>	0.3	0.3	<b>1,960.3</b>	-0.9	0.0	<b>1,876.3</b>	-0.4	0.3
		-32.6	16.3		-155.3	18.5		29.6	10.5		-270.2	6.4		-108.5	21.9
<b>V9WEKJ</b>	<b>527.0</b>	-1.1	0.1	<b>2,097.7</b>	-0.8	0.0	<b>490.3</b>	-1.0	0.0	<b>1,874.7</b>	-1.1	0.1	<b>1,707.7</b>	-1.0	0.1
		-129.0	2.6		-242.0	2.1		-89.7	1.5		-355.9	15.5		-277.2	4.9
<b>89DUG9</b>	<b>739.4</b>	0.7	0.7	<b>2,531.0</b>	0.6	0.2	<b>504.0</b>	-0.8	0.3	<b>2,415.3</b>	0.6	0.1	<b>1,960.0</b>	-0.1	0.5
		83.5	28.3		191.3	28.9		-76.1	10.1		184.8	18.4		-24.8	39.5
<b>RKW4MM</b>	<b>629.7</b>	-0.2	0.2	<b>2,214.7</b>	-0.4	1.0	<b>535.0</b>	-0.5	0.1	<b>1,723.3</b>	-1.6	0.2	<b>1,673.3</b>	-1.2	0.4
		-26.3	9.0		-125.0	115.8		-45.1	4.4		-507.2	30.2		-311.5	32.8
<b>HMD97T</b>	<b>681.9</b>	0.2	0.2	<b>2,695.1</b>	1.2	0.1	<b>619.4</b>	0.4	0.6	<b>2,275.3</b>	0.1	0.4	<b>2,309.1</b>	1.2	0.4
		25.9	7.2		355.4	12.7		39.3	23.7		44.7	54.7		324.2	34.3
<b>7L7UV7</b>	<b>652.9</b>	0.0	0.4	<b>2,258.5</b>	-0.3	0.4	<b>589.5</b>	0.1	0.3	<b>2,040.0</b>	-0.6	0.7	<b>1,888.2</b>	-0.4	0.7
		-3.0	17.3		-81.2	50.7		9.4	10.4		-190.6	94.5		-96.6	55.9
<b>XKF48E</b>	<b>659.5</b>	0.0	1.7	<b>2,315.0</b>	-0.1	1.1	<b>537.8</b>	-0.4	0.6	<b>2,507.3</b>	0.9	1.3	<b>2,093.0</b>	0.4	1.7
		3.5	65.6		-24.7	125.7		-42.3	23.9		276.8	177.3		108.2	128.4
<b>TAEMVG</b>	<b>675.3</b>	0.2	1.2	<b>2,422.7</b>	0.3	1.5	<b>477.7</b>	-1.1	0.7	<b>2,513.7</b>	0.9	3.1	<b>1,866.7</b>	-0.4	0.7
		19.4	47.2		83.0	178.7		-102.4	26.3		283.1	416.5		-118.2	50.3
<b>HNU6YT</b>	<b>867.5</b>	1.8	1.0	<b>2,571.5</b>	0.8	0.9	<b>731.7</b>	1.6	2.3	<b>2,240.6</b>	0.0	0.3	<b>2,142.0</b>	0.6	0.2
		211.6	39.1		231.9	103.7		151.6	92.8		10.1	38.6		157.2	19.1
<b>Q77MKK</b>	<b>3,439.1</b>	23.7		<b>13,435.1</b>	36.0		<b>2,705.9</b>	22.6		<b>24,146.8</b>	69.9		<b>14,622.2</b>	47.0	
		2,783.1	0.0		11,095.4	0.0		2,125.8	0.0		21,916.2	0.0		12,637.4	0.0
<b>PN7ACJ</b>	<b>752.4</b>	0.8	1.0	<b>2,489.9</b>	0.5	0.0	<b>725.4</b>	1.5	0.9	<b>2,348.8</b>	0.4	1.5	<b>2,093.0</b>	0.4	1.5
		96.4	37.8		150.3	5.6		145.4	37.2		118.2	204.3		108.1	112.6
<b>Grand Median</b>		656.0			2,339.7			580.1			2,230.6			1,984.8	
<b>Median Abs Dev</b>		60.2			169.5			48.8			201.9			148.5	
<b>Avg Within Lab SD</b>		38.6			118.3			40.3			135.8			76.9	
<b>Labs Included</b>		32			32			32			32			32	
<b>Labs Reporting</b>		32			32			32			32			32	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-3, Mg (SubTestCode 160)	in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>NRW8AP</b>	<b>98.8</b>	-0.3	0.2	<b>349.0</b>	-0.5	0.1	<b>62.5</b>	0.0	1.0	<b>523.5</b>	-0.9	0.2	<b>645.0</b>	-0.2	0.1	
		-4.7	0.8		-23.7	1.0		0.3	2.5		-75.3	7.0		-28.7	3.0	
<b>26FBY9</b>	<b>112.1</b>	0.5	1.3	<b>415.3</b>	0.8	0.4	<b>63.3</b>	0.1	2.6	<b>648.9</b>	0.6	1.0	<b>799.4</b>	1.0	1.1	
		8.6	3.9		42.6	5.7		1.2	6.4		50.2	27.6		125.7	23.4	
<b>MGZK6N</b>	<b>126.3</b>	1.4	1.1	<b>125.3</b>	-4.9	0.1	<b>87.5</b>	2.0	0.1	<b>603.2</b>	0.1	0.2	<b>773.1</b>	0.8	0.4	
		22.9	3.5		-247.4	1.1		25.3	0.2		4.5	7.0		99.4	8.7	
<b>CP6CHY</b>	<b>121.3</b>	1.1	0.5	<b>381.3</b>	0.2	0.5	<b>62.3</b>	0.0	0.6	<b>635.0</b>	0.4	0.4	<b>656.7</b>	-0.1	1.8	
		17.9	1.5		8.7	8.3		0.2	1.5		36.2	10.6		-17.1	37.6	
<b>J7BMPT</b>	<b>106.0</b>	0.2	0.3	<b>368.7</b>	-0.1	0.5	<b>66.0</b>	0.3	0.4	<b>568.0</b>	-0.3	0.4	<b>693.0</b>	0.2	0.7	
		2.6	1.0		-4.0	7.6		3.8	1.0		-30.8	10.4		19.3	14.8	
<b>8MDKJZ</b>	<b>91.0</b>	-0.8	0.3	<b>358.0</b>	-0.3	0.4	<b>49.3</b>	-1.0	0.6	<b>535.3</b>	-0.7	0.2	<b>659.7</b>	-0.1	0.4	
		-12.5	1.0		-14.7	7.0		-12.8	1.5		-63.5	5.9		-14.1	8.6	
<b>Q4YHTG</b>	<b>96.0</b>	-0.5	0.4	<b>331.9</b>	-0.8	0.3	<b>64.7</b>	0.2	0.9	<b>504.0</b>	-1.1	1.0	<b>552.5</b>	-1.0	0.5	
		-7.4	1.2		-40.7	4.7		2.6	2.2		-94.8	29.3		-121.2	9.7	
<b>KQWZGM</b>	<b>120.0</b>	1.0	0.2	<b>414.6</b>	0.8	0.1	<b>57.5</b>	-0.4	0.1	<b>672.5</b>	0.8	0.0	<b>777.4</b>	0.8	0.0	
		16.6	0.7		42.0	1.6		-4.7	0.3		73.7	0.4		103.7	0.9	
<b>KQRJHN</b>	<b>99.7</b>	-0.2	0.8	<b>373.7</b>	0.0	0.2	<b>62.0</b>	0.0	1.1	<b>533.0</b>	-0.7	0.4	<b>675.3</b>	0.0	0.7	
		-3.8	2.3		1.0	3.8		-0.2	2.6		-65.8	10.1		1.6	15.0	
<b>G6NDG2</b>	<b>103.2</b>	0.0	0.3	<b>352.0</b>	-0.4	0.3	<b>67.7</b>	0.4	0.4	<b>569.7</b>	-0.3	0.7	<b>772.8</b>	0.8	0.6	
		-0.2	0.9		-20.7	4.9		5.5	0.9		-29.1	21.2		99.1	13.3	
<b>CQF2X6</b>	<b>117.3</b>	0.8	0.8	<b>430.0</b>	1.1	0.6	<b>67.7</b>	0.4	1.0	<b>680.0</b>	0.9		<b>753.3</b>	0.6	0.5	
		13.9	2.5		57.4	10.0		5.5	2.5		81.2	0.0		79.6	10.4	
<b>QB3B2R</b>	<b>81.7</b>	-1.3	0.8	<b>332.7</b>	-0.8	0.8	<b>39.3</b>	-1.8	0.6	<b>577.7</b>	-0.2	0.5	<b>547.7</b>	-1.0	0.7	
		-21.8	2.3		-40.0	12.0		-22.8	1.5		-21.1	14.5		-126.1	15.6	
<b>KZGFYV</b>	<b>99.4</b>	-0.2	0.3	<b>354.0</b>	-0.4	0.3	<b>54.0</b>	-0.6	1.0	<b>603.3</b>	0.1	0.2	<b>672.1</b>	0.0	0.3	
		-4.1	0.8		-18.6	4.5		-8.2	2.4		4.5	6.0		-1.6	7.1	
<b>MKUMMU</b>	<b>117.0</b>	0.8		<b>396.3</b>	0.5	0.3	<b>64.7</b>	0.2	1.2	<b>594.3</b>	-0.1	0.2	<b>684.0</b>	0.1	0.4	
		13.6	0.0		23.7	4.5		2.5	2.9		-4.5	4.5		10.3	9.0	
<b>UB76AM</b>	<b>107.7</b>	0.3	0.2	<b>351.0</b>	-0.4	0.7	<b>64.9</b>	0.2	1.0	<b>577.3</b>	-0.2	0.5	<b>727.0</b>	0.4	0.2	
		4.2	0.6		-21.7	10.5		2.8	2.4		-21.5	13.1		53.3	4.4	
<b>JXC9JX</b>	<b>128.7</b>	1.5	0.0	<b>366.3</b>	-0.1	0.0	<b>79.2</b>	1.3	0.0	<b>495.0</b>	-1.2		<b>549.4</b>	-1.0	0.0	
		25.3	0.0		-6.4	0.0		17.0	0.0		-103.8	0.0		-124.3	0.0	
<b>44U7TF</b>	<b>134.5</b>	1.9		<b>451.2</b>	1.5		<b>71.4</b>	0.7		<b>721.9</b>	1.4		<b>851.6</b>	1.4		
		31.1	0.0		78.6	0.0		9.3	0.0		123.1	0.0		177.9	0.0	
<b>ZEMHEH</b>	<b>91.0</b>	-0.8	0.8	<b>370.7</b>	0.0	2.0	<b>46.4</b>	-1.2	1.0	<b>644.1</b>	0.5	1.0	<b>652.0</b>	-0.2	1.4	
		-12.4	2.4		-2.0	32.2		-15.7	2.4		45.4	28.4		-21.7	30.4	
<b>KXVCQX</b>	<b>103.7</b>	0.0	0.2	<b>375.3</b>	0.1	0.3	<b>65.3</b>	0.2	0.5	<b>541.7</b>	-0.6	0.1	<b>754.3</b>	0.7	0.3	
		0.2	0.6		2.7	4.7		3.2	1.2		-57.1	2.5		80.6	7.0	
<b>WR44BL</b>	<b>85.1</b>	-1.1	0.0	<b>310.0</b>	-1.2		<b>51.2</b>	-0.8	0.0	<b>494.3</b>	-1.2	0.0	<b>651.3</b>	-0.2	0.0	
		-18.4	0.1		-62.7	0.0		-11.0	0.0		-104.5	0.6		-22.4	0.6	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>EDKTTZ</b>	<b>86.0</b>	-1.1	0.7	<b>413.7</b>	0.8	1.2	<b>35.7</b>	-2.1	1.2	<b>707.2</b>	1.2	0.4	<b>919.0</b>	2.0	1.9
		-17.4	2.3		41.0	19.1		-26.5	2.9		108.4	11.5		245.2	41.1
<b>XX43YG</b>	<b>125.7</b>	1.3	1.0	<b>408.3</b>	0.7	1.8	<b>60.0</b>	-0.2	1.5	<b>625.7</b>	0.3	1.2	<b>620.7</b>	-0.4	1.5
		22.2	3.1		35.7	28.0		-2.2	3.6		26.9	34.6		-53.1	32.5
<b>GLNMZX</b>	<b>96.3</b>	-0.4	0.2	<b>346.7</b>	-0.5	0.7	<b>66.0</b>	0.3	1.1	<b>532.3</b>	-0.8	0.2	<b>658.3</b>	-0.1	0.7
		-7.1	0.6		-26.0	10.5		3.8	2.6		-66.5	6.4		-15.4	15.8
<b>V9WEKJ</b>	<b>64.0</b>	-2.4	0.3	<b>326.3</b>	-0.9	0.1	<b>33.4</b>	-2.2	0.9	<b>547.3</b>	-0.6	0.1	<b>657.8</b>	-0.1	0.3
		-39.5	1.0		-46.3	1.5		-28.8	2.1		-51.5	2.3		-15.9	6.8
<b>89DUG9</b>	<b>106.6</b>	0.2	0.2	<b>394.8</b>	0.4	0.4	<b>49.6</b>	-1.0	0.5	<b>651.6</b>	0.6	0.1	<b>634.4</b>	-0.3	0.3
		3.2	0.7		22.2	6.2		-12.6	1.2		52.8	2.4		-39.3	5.6
<b>RKW4MM</b>	<b>105.3</b>	0.1	0.2	<b>373.0</b>	0.0	1.0	<b>56.7</b>	-0.4	1.0	<b>494.3</b>	-1.2	0.5	<b>661.0</b>	-0.1	1.1
		1.9	0.6		0.4	15.4		-5.5	2.5		-104.5	14.0		-12.7	23.3
<b>HMD97T</b>	<b>101.1</b>	-0.1	0.3	<b>417.2</b>	0.9	0.1	<b>52.8</b>	-0.7	0.7	<b>608.7</b>	0.1	0.7	<b>828.4</b>	1.3	0.6
		-2.3	0.9		44.6	1.2		-9.4	1.7		9.9	18.8		154.6	12.7
<b>7L7UV7</b>	<b>102.8</b>	0.0	1.3	<b>351.7</b>	-0.4	0.2	<b>67.5</b>	0.4	1.5	<b>569.4</b>	-0.3	0.9	<b>200.9</b>	-3.8	0.3
		-0.6	4.0		-21.0	3.5		5.3	3.5		-29.4	26.4		-472.8	5.7
<b>XKF48E</b>	<b>102.6</b>	0.0	3.5	<b>372.3</b>	0.0	1.3	<b>51.8</b>	-0.8	0.7	<b>697.9</b>	1.1	1.6	<b>789.2</b>	0.9	2.8
		-0.8	10.7		-0.4	21.2		-10.4	1.7		99.1	44.2		115.5	60.4
<b>TAEMVG</b>	<b>110.7</b>	0.4	2.9	<b>391.3</b>	0.4	1.9	<b>45.7</b>	-1.3	0.5	<b>687.0</b>	1.0	3.8	<b>669.0</b>	0.0	0.7
		7.2	9.1		18.7	30.7		-16.5	1.2		88.2	108.6		-4.7	14.7
<b>HNU6YT</b>	<b>114.1</b>	0.6	1.1	<b>422.4</b>	1.0	3.4	<b>64.3</b>	0.2	1.7	<b>721.4</b>	1.4	1.4	<b>764.4</b>	0.7	2.0
		10.6	3.2		49.8	53.3		2.1	4.0		122.6	40.7		90.7	41.8
<b>Q77MKK</b>	<b>276.8</b>	10.5		<b>934.9</b>	11.0		<b>113.9</b>	4.0		<b>3,767.9</b>	36.0		<b>2,079.0</b>	11.4	
		173.3	0.0		562.2	0.0		51.7	0.0		3,169.1	0.0		1,405.3	0.0
<b>PN7ACJ</b>	<b>102.2</b>	-0.1	0.5	<b>408.2</b>	0.7	1.4	<b>61.5</b>	-0.1	1.2	<b>650.4</b>	0.6	2.2	<b>788.6</b>	0.9	1.4
		-1.2	1.6		35.6	21.6		-0.7	2.8		51.6	62.3		114.8	29.0
<b>Grand Median</b>		103.5			372.7			62.2			598.8			673.7	
<b>Median Abs Dev</b>		8.0			23.7			5.5			55.0			66.4	
<b>Avg Within Lab SD</b>		3.1			15.8			2.4			28.3			21.3	
<b>Labs Included</b>		32			32			32			32			32	
<b>Labs Reporting</b>		32			32			32			32			32	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-3, Na (SubTestCode 161)			in the Mehlich-3 Multi-Element Property Groups												Data units: mg/kg	
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>26FBY9</b>	<b>18.3</b>	0.1	0.6	<b>40.0</b>	0.2	0.1	<b>10.1</b>	-0.2	0.1	<b>9.4</b>	-0.3	0.1	<b>12.4</b>	-0.2	0.2	
		1.1	1.7		1.6	0.2		-1.4	0.3		-2.9	0.4		-1.4	0.6	
<b>CP6CHY</b>	<b>19.3</b>	0.3	0.2	<b>34.7</b>	-0.4	0.2	<b>16.7</b>	0.6	0.3	<b>20.0</b>	0.8	1.1	<b>18.0</b>	0.7	0.3	
		2.1	0.6		-3.7	0.6		5.2	0.6		7.7	4.0		4.2	1.0	
<b>8MDKJZ</b>	<b>24.7</b>	1.0	1.1	<b>44.0</b>	0.6	0.3	<b>20.3</b>	1.1	0.3	<b>18.0</b>	0.6	0.3	<b>20.3</b>	1.1	0.2	
		7.4	3.5		5.7	1.0		8.9	0.6		5.7	1.0		6.5	0.6	
<b>Q4YHTG</b>	<b>15.0</b>	-0.3	0.1	<b>29.9</b>	-0.9	0.3	<b>12.8</b>	0.2	0.5	<b>10.5</b>	-0.2	0.3	<b>13.9</b>	0.0	0.2	
		-2.2	0.2		-8.5	1.1		1.3	0.9		-1.9	1.1		0.1	0.5	
<b>KQRJHN</b>	<b>16.7</b>	-0.1	0.2	<b>32.7</b>	-0.6	0.2	<b>15.0</b>	0.4	0.5	<b>11.7</b>	-0.1	0.2	<b>16.3</b>	0.4	0.5	
		-0.6	0.6		-5.7	0.6		3.6	1.0		-0.7	0.6		2.5	1.5	
<b>CQF2X6</b>	<b>14.7</b>	-0.3	0.2	<b>42.7</b>	0.4	0.3	<b>9.7</b>	-0.2	0.3	<b>8.7</b>	-0.4	0.2	<b>11.0</b>	-0.5		
		-2.6	0.6		4.3	1.2		-1.8	0.6		-3.7	0.6		-2.8	0.0	
<b>QB3B2R</b>	<b>9.0</b>	-1.1	0.3	<b>20.0</b>	-1.9	0.5	<b>4.3</b>	-0.9	0.3	<b>13.0</b>	0.1	0.3	<b>13.7</b>	0.0	0.2	
		-8.2	1.0		-18.3	2.0		-7.1	0.6		0.7	1.0		-0.1	0.6	
<b>KZGFYV</b>	<b>30.2</b>	1.7	0.7	<b>61.6</b>	2.4	0.5	<b>31.8</b>	2.5	0.8	<b>24.8</b>	1.3	0.6	<b>30.4</b>	2.8	1.0	
		12.9	2.2		23.2	1.8		20.4	1.6		12.5	2.1		16.6	3.1	
<b>UB76AM</b>	<b>10.9</b>	-0.8	0.3	<b>30.3</b>	-0.8	0.2	<b>5.7</b>	-0.7	0.8	<b>5.2</b>	-0.7	0.3	<b>8.0</b>	-1.0	0.3	
		-6.3	0.8		-8.1	0.6		-5.7	1.6		-7.1	1.0		-5.8	0.8	
<b>44U7TF</b>	<b>24.8</b>	1.0		<b>39.5</b>	0.1		<b>24.1</b>	1.5		<b>15.7</b>	0.3		<b>19.8</b>	1.0		
		7.6	0.0		1.1	0.0		12.6	0.0		3.4	0.0		6.0	0.0	
<b>WR44BL</b>	<b>12.6</b>	-0.6	0.0	<b>32.2</b>	-0.6	0.0	<b>6.2</b>	-0.6	0.0	<b>3.9</b>	-0.9		<b>6.2</b>	-1.3	0.0	
		-4.7	0.0		-6.2	0.2		-5.2	0.0		-8.5	0.0		-7.6	0.0	
<b>EDKTTZ</b>	<b>17.9</b>	0.1	0.5	<b>46.3</b>	0.8	1.0	<b>18.6</b>	0.9	0.8	<b>15.5</b>	0.3	0.4	<b>12.4</b>	-0.2	0.5	
		0.6	1.6		8.0	3.5		7.1	1.6		3.2	1.3		-1.4	1.5	
<b>XX43YG</b>	<b>35.0</b>	2.3	1.6	<b>45.3</b>	0.7	1.9	<b>9.2</b>	-0.3	0.2	<b>32.0</b>	2.0	0.3	<b>14.0</b>	0.0	0.3	
		17.8	5.0		7.0	7.0		-2.2	0.4		19.7	1.0		0.2	1.0	
<b>89DUG9</b>	<b>22.0</b>	0.6	0.4	<b>40.0</b>	0.2	0.4	<b>12.3</b>	0.1	0.8	<b>32.6</b>	2.1	0.4	<b>16.3</b>	0.4	0.2	
		4.8	1.3		1.7	1.6		0.8	1.6		20.3	1.3		2.5	0.5	
<b>RKW4MM</b>	<b>15.7</b>	-0.2	0.5	<b>38.0</b>	0.0	1.0	<b>7.7</b>	-0.5	0.3	<b>8.7</b>	-0.4	0.4	<b>12.0</b>	-0.3	0.6	
		-1.6	1.5		-0.3	3.6		-3.8	0.6		-3.7	1.5		-1.8	2.0	
<b>HMD97T</b>	<b>11.1</b>	-0.8	0.1	<b>33.3</b>	-0.5	0.0	<b>4.5</b>	-0.8	0.1	<b>4.3</b>	-0.8	0.0	<b>8.6</b>	-0.9	0.1	
		-6.2	0.2		-5.0	0.1		-6.9	0.2		-8.0	0.1		-5.1	0.2	
<b>7L7UV7</b>	<b>12.7</b>	-0.6	0.5	<b>26.8</b>	-1.2	0.4	<b>22.6</b>	1.4	1.4	<b>5.4</b>	-0.7	0.2	<b>6.6</b>	-1.2	0.2	
		-4.5	1.4		-11.5	1.4		11.2	2.8		-7.0	0.9		-7.2	0.6	
<b>XKF48E</b>	<b>17.8</b>	0.1	3.6	<b>38.7</b>	0.0	3.5	<b>10.6</b>	-0.1	3.6	<b>14.2</b>	0.2	4.1	<b>14.8</b>	0.2	4.1	
		0.6	11.0		0.3	12.9		-0.8	7.1		1.8	14.6		1.0	12.9	
<b>TAEMVG</b>	<b>25.0</b>	1.0	1.0	<b>46.7</b>	0.8	0.6	<b>14.7</b>	0.4	1.1	<b>20.3</b>	0.8	0.2	<b>20.0</b>	1.0	0.6	
		7.8	3.0		8.3	2.1		3.2	2.1		8.0	0.6		6.2	1.7	
<b>Q77MKK</b>	<b>163.1</b>	19.3		<b>299.3</b>	26.5		<b>94.9</b>	10.1		<b>147.9</b>	13.8		<b>180.8</b>	27.8		
		145.8	0.0		261.0	0.0		83.4	0.0		135.6	0.0		167.0	0.0	





## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>PN7ACJ</b>	<b>14.6</b>	-0.3 -2.6	0.4 1.3	<b>33.8</b>	-0.5 -4.6	0.6 2.1	<b>9.2</b>	-0.3 -2.3	0.6 1.3	<b>6.4</b>	-0.6 -5.9	0.8 2.8	<b>12.0</b>	-0.3 -1.8	0.4 1.4
<b>Grand Median</b>		17.2			38.3			11.5			12.3			13.8	
<b>Median Abs Dev</b>		4.6			5.7			4.5			5.8			2.7	
<b>Avg Within Lab SD</b>		3.1			3.6			2.0			3.6			3.1	
<b>Labs Included</b>		20			20			20			20			20	
<b>Labs Reporting</b>		20			20			20			20			20	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-3, S (SubTestCode 162)		in the Mehlich-3 Multi-Element Property Groups										Data units: mg/kg			
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
<b>26FBY9</b>	<b>20.11</b>	1.41	2.01	<b>11.88</b>	0.33	1.51	<b>13.66</b>	1.24	2.29	<b>16.47</b>	1.02	1.13	<b>18.04</b>	1.35	1.35
		5.86	2.41		1.88	1.67		4.62	1.83		6.14	1.81		7.86	1.32
<b>CP6CHY</b>	<b>19.00</b>	1.14	1.45	<b>46.67</b>	6.39	0.52	<b>17.33</b>	2.22	0.72	<b>42.67</b>	5.35	2.37	<b>38.67</b>	4.89	1.57
		4.75	1.73		36.67	0.58		8.30	0.58		32.33	3.79		28.49	1.53
<b>J7BMPT</b>	<b>12.47</b>	-0.43	0.24	<b>8.13</b>	-0.33	0.26	<b>8.50</b>	-0.14	0.62	<b>8.43</b>	-0.31	0.63	<b>7.93</b>	-0.39	0.42
		-1.78	0.29		-1.87	0.29		-0.53	0.50		-1.90	1.01		-2.25	0.40
<b>8MDKJZ</b>	<b>17.33</b>	0.74	0.96	<b>18.67</b>	1.51	0.52	<b>15.33</b>	1.69	0.72	<b>15.33</b>	0.83	0.36	<b>20.00</b>	1.68	1.03
		3.08	1.15		8.67	0.58		6.30	0.58		5.00	0.58		9.82	1.00
<b>Q4YHTG</b>	<b>11.07</b>	-0.76	0.22	<b>15.48</b>	0.95	0.91	<b>7.89</b>	-0.31	0.75	<b>13.71</b>	0.56	0.10	<b>14.51</b>	0.74	0.86
		-3.18	0.26		5.48	1.01		-1.14	0.60		3.38	0.16		4.33	0.84
<b>KQWZGM</b>	<b>16.48</b>	0.54	0.22	<b>9.71</b>	-0.05	0.20	<b>10.31</b>	0.34	0.21	<b>10.32</b>	0.00	0.31	<b>10.50</b>	0.06	0.29
		2.23	0.26		-0.29	0.22		1.28	0.17		-0.02	0.50		0.32	0.28
<b>KQRJHN</b>	<b>10.67</b>	-0.86	0.48	<b>14.33</b>	0.75	0.52	<b>8.00</b>	-0.28		<b>13.00</b>	0.44		<b>12.67</b>	0.43	0.59
		-3.58	0.58		4.33	0.58		-1.03	0.00		2.67	0.00		2.49	0.58
<b>G6NDG2</b>	<b>14.25</b>	0.00	0.18	<b>10.81</b>	0.14	0.42	<b>11.41</b>	0.64	0.15	<b>10.53</b>	0.03	0.16	<b>12.05</b>	0.32	0.14
		0.00	0.22		0.81	0.46		2.37	0.12		0.20	0.25		1.87	0.14
<b>CQF2X6</b>	<b>14.00</b>	-0.06	0.83	<b>10.00</b>	0.00		<b>8.67</b>	-0.10	0.72	<b>9.00</b>	-0.22		<b>9.67</b>	-0.09	0.59
		-0.25	1.00		0.00	0.00		-0.37	0.58		-1.33	0.00		-0.51	0.58
<b>QB3B2R</b>	<b>9.67</b>	-1.10	0.42	<b>7.57</b>	-0.42	0.59	<b>5.27</b>	-1.01	0.44	<b>11.87</b>	0.25	0.22	<b>9.17</b>	-0.17	0.46
		-4.58	0.50		-2.43	0.65		-3.77	0.35		1.53	0.35		-1.01	0.45
<b>KZGFYV</b>	<b>18.99</b>	1.14	1.55	<b>14.61</b>	0.80	0.99	<b>13.07</b>	1.08	1.86	<b>14.36</b>	0.67	0.46	<b>10.18</b>	0.00	0.44
		4.74	1.86		4.61	1.10		4.03	1.49		4.03	0.73		0.00	0.43
<b>UB76AM</b>	<b>11.73</b>	-0.60	0.70	<b>5.73</b>	-0.74	0.19	<b>6.67</b>	-0.63	0.38	<b>7.07</b>	-0.54	0.04	<b>6.93</b>	-0.56	0.73
		-2.52	0.84		-4.27	0.21		-2.37	0.31		-3.27	0.06		-3.25	0.71
<b>JXC9JX</b>	<b>11.90</b>	-0.56	0.00	<b>8.00</b>	-0.35		<b>8.30</b>	-0.20	0.00	<b>7.80</b>	-0.42	0.00	<b>7.60</b>	-0.44	0.00
		-2.35	0.00		-2.00	0.00		-0.73	0.00		-2.53	0.00		-2.58	0.00
<b>44U7TF</b>	<b>22.81</b>	2.05		<b>14.50</b>	0.78		<b>12.57</b>	0.95		<b>14.67</b>	0.72		<b>16.11</b>	1.02	
		8.56	0.00		4.50	0.00		3.54	0.00		4.34	0.00		5.93	0.00
<b>ZEMHEH</b>	<b>18.12</b>	0.93	1.98	<b>15.10</b>	0.89	2.05	<b>12.42</b>	0.91	2.43	<b>16.80</b>	1.07	1.10	<b>15.91</b>	0.98	2.66
		3.87	2.37		5.10	2.27		3.39	1.95		6.46	1.75		5.73	2.59
<b>KXVCQX</b>	<b>11.93</b>	-0.56	0.17	<b>9.47</b>	-0.09	0.19	<b>9.33</b>	0.08	0.26	<b>9.13</b>	-0.20	0.07	<b>10.03</b>	-0.03	0.63
		-2.32	0.21		-0.53	0.21		0.30	0.21		-1.20	0.12		-0.15	0.61
<b>WR44BL</b>	<b>12.22</b>	-0.49	0.00	<b>7.33</b>	-0.47	0.01	<b>8.00</b>	-0.28	0.01	<b>8.00</b>	-0.39		<b>9.00</b>	-0.20	
		-2.03	0.01		-2.67	0.01		-1.03	0.01		-2.33	0.00		-1.18	0.00
<b>EDKTTZ</b>	<b>15.70</b>	0.35	1.70	<b>10.78</b>	0.14	1.11	<b>14.73</b>	1.53	1.61	<b>17.23</b>	1.14	2.05	<b>15.29</b>	0.88	2.43
		1.45	2.03		0.78	1.23		5.69	1.29		6.90	3.27		5.11	2.36
<b>XX43YG</b>	<b>38.33</b>	5.78	5.56	<b>46.67</b>	6.39	1.38	<b>30.33</b>	5.71	7.21	<b>48.67</b>	6.34	6.28	<b>43.00</b>	5.63	5.45
		24.08	6.66		36.67	1.53		21.30	5.77		38.33	10.02		32.82	5.29
<b>89DUG9</b>	<b>13.29</b>	-0.23	0.08	<b>8.35</b>	-0.29	0.17	<b>7.14</b>	-0.51	0.17	<b>8.45</b>	-0.31	0.07	<b>6.95</b>	-0.55	0.07
		-0.96	0.10		-1.65	0.19		-1.89	0.13		-1.89	0.11		-3.23	0.07



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>HMD97T</b>	<b>15.05</b>	0.19	0.22	<b>9.07</b>	-0.16	0.12	<b>8.74</b>	-0.08	0.06	<b>6.80</b>	-0.58	0.06	<b>9.15</b>	-0.18	0.08
		0.80	0.27		-0.93	0.13		-0.29	0.05		-3.53	0.10		-1.03	0.08
<b>7L7UV7</b>	<b>13.20</b>	-0.25	0.68	<b>8.27</b>	-0.30	1.13	<b>9.03</b>	0.00	0.07	<b>8.13</b>	-0.36	0.28	<b>8.50</b>	-0.29	0.37
		-1.05	0.82		-1.73	1.25		0.00	0.06		-2.20	0.45		-1.68	0.36
<b>XKF48E</b>	<b>11.23</b>	-0.72	0.86	<b>6.87</b>	-0.55	0.55	<b>6.77</b>	-0.61	0.59	<b>7.87</b>	-0.41	0.36	<b>7.30</b>	-0.49	0.64
		-3.02	1.03		-3.13	0.60		-2.27	0.47		-2.47	0.57		-2.88	0.62
<b>TAEMVG</b>	<b>14.67</b>	0.10	0.48	<b>10.00</b>	0.00	0.90	<b>7.67</b>	-0.37	0.72	<b>10.33</b>	0.00	0.96	<b>8.33</b>	-0.32	0.59
		0.42	0.58		0.00	1.00		-1.37	0.58		0.00	1.53		-1.85	0.58
<b>HNU6YT</b>	<b>14.50</b>	0.06	0.55	<b>10.10</b>	0.02	0.24	<b>9.90</b>	0.23	0.54	<b>9.56</b>	-0.13	0.32	<b>10.23</b>	0.01	0.63
		0.25	0.66		0.10	0.26		0.87	0.44		-0.77	0.51		0.05	0.61
<b>PN7ACJ</b>	<b>20.90</b>	1.60	2.27	<b>12.38</b>	0.41	3.38	<b>14.46</b>	1.45	1.91	<b>15.83</b>	0.91	3.24	<b>14.89</b>	0.81	1.50
		6.65	2.72		2.38	3.74		5.43	1.53		5.49	5.17		4.71	1.45
<b>Grand Median</b>		14.3			10.00			9.03			10.3			10.2	
<b>Median Abs Dev</b>		2.4			2.00			1.89			2.5			2.5	
<b>Avg Within Lab SD</b>		1.2			1.11			0.80			1.6			1.0	
<b>Labs Included</b>		25			25			25			25			25	
<b>Labs Reporting</b>		25			25			25			25			25	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-3, Al (SubTestCode 163)			in the Mehlich-3 Multi-Element Property Groups												Data units: mg/kg		
SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515					
<b>26FBY9</b>	<b>838.1</b>	0.0	0.3	<b>468.5</b>	-0.2	0.2	<b>587.1</b>	0.2	1.3	<b>605.3</b>	-0.6	0.4	<b>808.2</b>	-0.5	0.4		
		3.9	15.9		-30.2	6.8		25.8	23.9		-67.1	18.9		-74.1	20.3		
<b>8MDKJZ</b>	<b>1,699.3</b>	3.9	0.2	<b>156.3</b>	-2.6	0.2	<b>491.0</b>	-0.6	0.4	<b>659.0</b>	-0.1	0.1	<b>909.3</b>	0.2	0.3		
		865.1	12.9		-342.3	7.6		-70.2	8.0		-13.4	5.6		27.0	14.0		
<b>CQF2X6</b>	<b>939.7</b>	0.5	0.1	<b>570.3</b>	0.6	0.4	<b>723.7</b>	1.4	0.8	<b>685.7</b>	0.1	0.1	<b>935.0</b>	0.4	0.1		
		105.4	6.5		71.7	13.7		162.4	14.0		13.3	3.1		52.7	7.2		
<b>QB3B2R</b>	<b>633.7</b>	-0.9	0.1	<b>434.0</b>	-0.5	0.2	<b>347.3</b>	-1.9	0.3	<b>696.3</b>	0.2	0.3	<b>741.0</b>	-1.0	0.2		
		-200.6	7.4		-64.7	8.9		-213.9	4.7		24.0	15.6		-141.3	12.5		
<b>UB76AM</b>	<b>702.3</b>	-0.6	0.4	<b>388.0</b>	-0.9	0.1	<b>518.0</b>	-0.4	0.6	<b>530.0</b>	-1.2	0.3	<b>711.7</b>	-1.2	0.5		
		-131.9	21.8		-110.7	5.3		-43.2	10.6		-142.4	13.9		-170.6	27.9		
<b>ZEMHEH</b>	<b>826.7</b>	0.0	0.9	<b>531.8</b>	0.3	1.2	<b>471.4</b>	-0.8	0.5	<b>683.4</b>	0.1	0.7	<b>858.8</b>	-0.2	0.1		
		-7.5	53.4		33.1	43.2		-89.9	8.5		11.1	36.4		-23.5	3.7		
<b>WR44BL</b>	<b>678.0</b>	-0.7		<b>378.0</b>	-0.9	0.0	<b>504.0</b>	-0.5	0.1	<b>508.7</b>	-1.4	0.0	<b>705.2</b>	-1.2	0.0		
		-156.2	0.0		-120.7	1.0		-57.2	1.0		-163.7	0.6		-177.1	0.3		
<b>EDKTTZ</b>	<b>917.3</b>	0.4	0.3	<b>531.9</b>	0.3	0.2	<b>626.0</b>	0.6	1.1	<b>743.7</b>	0.6	0.2	<b>980.6</b>	0.7	0.6		
		83.0	16.1		33.2	8.8		64.8	19.0		71.4	10.7		98.4	31.1		
<b>XX43YG</b>	<b>1,041.0</b>	0.9	1.7	<b>662.7</b>	1.3	2.4	<b>589.3</b>	0.2	1.8	<b>872.3</b>	1.7	1.2	<b>970.3</b>	0.6	0.1		
		206.8	96.4		164.0	88.2		28.1	32.5		200.0	62.1		88.0	4.5		
<b>HMD97T</b>	<b>830.4</b>	0.0	0.1	<b>533.4</b>	0.3	0.1	<b>553.9</b>	-0.1	0.8	<b>647.8</b>	-0.2	0.2	<b>905.8</b>	0.2	0.2		
		-3.9	6.6		34.7	3.6		-7.3	14.8		-24.6	11.9		23.5	8.4		
<b>XKF48E</b>	<b>998.9</b>	0.7	2.7	<b>573.8</b>	0.6	2.4	<b>648.7</b>	0.8	0.7	<b>872.5</b>	1.7	3.0	<b>1,048.0</b>	1.1	3.4		
		164.6	155.4		75.1	90.0		87.5	13.2		200.1	155.5		165.7	174.2		
<b>TAEMVG</b>	<b>783.0</b>	-0.2	1.1	<b>446.0</b>	-0.4	0.6	<b>433.7</b>	-1.1	1.0	<b>661.3</b>	-0.1	1.4	<b>693.0</b>	-1.3	0.4		
		-51.2	60.1		-52.7	22.7		-127.6	18.0		-11.1	74.3		-189.3	19.1		
<b>HNU6YT</b>	<b>755.1</b>	-0.4	1.1	<b>441.9</b>	-0.4	0.3	<b>568.6</b>	0.1	1.7	<b>536.9</b>	-1.2	0.4	<b>745.8</b>	-0.9	1.1		
		-79.1	63.5		-56.7	11.6		7.3	30.8		-135.5	23.2		-136.5	55.8		
<b>Q77MKK</b>	<b>2,705.6</b>	8.5		<b>2,189.0</b>	13.1		<b>2,265.8</b>	14.8		<b>2,473.3</b>	15.5		<b>3,016.8</b>	14.4			
		1,871.4	0.0		1,690.3	0.0		1,704.6	0.0		1,800.9	0.0		2,134.6	0.0		
<b>PN7ACJ</b>	<b>863.4</b>	0.1	0.4	<b>528.9</b>	0.2	0.6	<b>662.6</b>	0.9	1.1	<b>690.4</b>	0.2	0.8	<b>913.7</b>	0.2	0.3		
		29.2	23.2		30.2	21.5		101.3	20.1		18.0	42.1		31.4	14.4		
<b>Grand Median</b>		834.2			498.7			561.2			672.4			882.3			
<b>Median Abs Dev</b>		94.2			60.7			67.5			45.8			93.2			
<b>Avg Within Lab SD</b>		57.2			37.2			18.0			52.3			51.2			
<b>Labs Included</b>		14			14			14			14			14			
<b>Labs Reporting</b>		14			14			14			14			14			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-3, Zn (SubTestCode 164)	in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515				
<b>26FBY9</b>	<b>1.86</b>	0.30	0.61	<b>2.61</b>	0.36	0.47	<b>1.94</b>	0.85	0.47	<b>21.30</b>	0.11	1.02	<b>0.98</b>	0.03	0.26		
		0.08	0.09		0.11	0.08		0.25	0.06		0.44	1.19		0.01	0.04		
<b>CP6CHY</b>	<b>1.60</b>	-0.70	1.98	<b>2.50</b>	-0.01	0.00	<b>1.77</b>	0.25	0.45	<b>9.90</b>	-2.71	0.00	<b>1.07</b>	0.31	0.37		
		-0.18	0.30		0.00	0.00		0.07	0.06		-10.96	0.00		0.09	0.06		
<b>J7BMPT</b>	<b>1.67</b>	-0.44	0.76	<b>2.37</b>	-0.43	0.65	<b>1.90</b>	0.71	0.78	<b>18.23</b>	-0.65	0.47	<b>1.03</b>	0.19	0.37		
		-0.11	0.12		-0.14	0.12		0.21	0.10		-2.62	0.55		0.06	0.06		
<b>8MDKJZ</b>	<b>1.57</b>	-0.83	0.38	<b>2.27</b>	-0.75	0.32	<b>1.70</b>	0.02	0.78	<b>19.03</b>	-0.45	0.13	<b>0.91</b>	-0.21	0.16		
		-0.21	0.06		-0.24	0.06		0.01	0.10		-1.82	0.15		-0.06	0.03		
<b>Q4YHTG</b>	<b>1.70</b>	-0.32	0.63	<b>2.59</b>	0.29	0.84	<b>1.69</b>	-0.02	1.38	<b>13.74</b>	-1.76	0.55	<b>1.58</b>	2.02	0.55		
		-0.08	0.10		0.09	0.15		-0.01	0.18		-7.12	0.65		0.61	0.09		
<b>KQWZGM</b>	<b>2.20</b>	1.66	0.99	<b>2.77</b>	0.87	0.98	<b>1.67</b>	-0.07	0.12	<b>25.22</b>	1.08	0.23	<b>0.94</b>	-0.13	0.16		
		0.42	0.15		0.27	0.17		-0.02	0.02		4.36	0.27		-0.04	0.02		
<b>KQRJHN</b>	<b>1.73</b>	-0.20	0.25	<b>2.52</b>	0.07	0.06	<b>1.81</b>	0.39	0.12	<b>18.33</b>	-0.62	0.49	<b>0.92</b>	-0.18	0.13		
		-0.05	0.04		0.02	0.01		0.11	0.02		-2.52	0.58		-0.06	0.02		
<b>G6NDG2</b>	<b>1.58</b>	-0.77	0.27	<b>2.10</b>	-1.27	0.66	<b>1.67</b>	-0.09	0.04	<b>19.87</b>	-0.24	0.41	<b>0.86</b>	-0.40	0.20		
		-0.20	0.04		-0.40	0.12		-0.03	0.01		-0.99	0.48		-0.12	0.03		
<b>CQF2X6</b>	<b>1.83</b>	0.21	1.01	<b>2.80</b>	0.95	0.56	<b>1.87</b>	0.60	0.45	<b>24.43</b>	0.88	0.35	<b>1.80</b>	2.75	0.65		
		0.05	0.15		0.30	0.10		0.17	0.06		3.58	0.40		0.83	0.10		
<b>QB3B2R</b>	<b>1.47</b>	-1.21	0.50	<b>2.19</b>	-1.01	0.39	<b>1.21</b>	-1.67	0.16	<b>17.08</b>	-0.93	0.32	<b>1.26</b>	0.94	3.51		
		-0.31	0.08		-0.32	0.07		-0.49	0.02		-3.78	0.37		0.28	0.54		
<b>KZGFYV</b>	<b>1.73</b>	-0.20	0.20	<b>2.26</b>	-0.78	0.34	<b>1.46</b>	-0.79	0.91	<b>21.37</b>	0.13	0.62	<b>0.81</b>	-0.55	0.23		
		-0.05	0.03		-0.25	0.06		-0.23	0.12		0.51	0.72		-0.17	0.04		
<b>UB76AM</b>	<b>1.80</b>	0.07	0.63	<b>2.33</b>	-0.54	0.99	<b>2.06</b>	1.25	0.35	<b>18.30</b>	-0.63	0.27	<b>1.37</b>	1.33	0.23		
		0.02	0.10		-0.17	0.18		0.36	0.05		-2.56	0.32		0.40	0.04		
<b>JXC9JX</b>	<b>1.33</b>	-1.76	0.00	<b>2.02</b>	-1.54	0.00	<b>1.54</b>	-0.53	0.00	<b>16.54</b>	-1.07	0.00	<b>0.70</b>	-0.92	0.00		
		-0.45	0.00		-0.48	0.00		-0.15	0.00		-4.32	0.00		-0.28	0.00		
<b>44U7TF</b>	<b>6.45</b>	18.31		<b>8.35</b>	18.65		<b>5.33</b>	12.49		<b>62.03</b>	10.17		<b>4.00</b>	10.09			
		4.67	0.00		5.84	0.00		3.64	0.00		41.17	0.00		3.03	0.00		
<b>ZEMHEH</b>	<b>1.77</b>	-0.02	0.85	<b>2.48</b>	-0.08	0.13	<b>1.44</b>	-0.89	0.91	<b>22.88</b>	0.50	0.79	<b>0.77</b>	-0.68	0.08		
		0.00	0.13		-0.02	0.02		-0.26	0.12		2.02	0.92		-0.21	0.01		
<b>KXVCQX</b>	<b>1.54</b>	-0.95	0.40	<b>2.26</b>	-0.77	0.15	<b>1.86</b>	0.57	0.27	<b>18.37</b>	-0.61	0.39	<b>0.97</b>	-0.03	0.04		
		-0.24	0.06		-0.24	0.03		0.17	0.03		-2.49	0.45		-0.01	0.01		
<b>WR44BL</b>	<b>1.44</b>	-1.34	0.04	<b>1.89</b>	-1.94	0.03	<b>1.54</b>	-0.53	0.13	<b>16.71</b>	-1.02	0.00	<b>0.78</b>	-0.66	0.01		
		-0.34	0.01		-0.61	0.01		-0.15	0.02		-4.14	0.01		-0.20	0.00		
<b>EDKTTZ</b>	<b>2.12</b>	1.34	0.24	<b>2.91</b>	1.29	0.75	<b>1.77</b>	0.26	1.14	<b>21.97</b>	0.27	0.46	<b>1.37</b>	1.33	0.23		
		0.34	0.04		0.41	0.13		0.08	0.15		1.11	0.53		0.40	0.04		
<b>XX43YG</b>	<b>1.99</b>	0.83	1.74	<b>2.59</b>	0.27	3.96	<b>1.33</b>	-1.25	3.46	<b>25.33</b>	1.11	1.78	<b>0.60</b>	-1.24	2.65		
		0.21	0.26		0.09	0.71		-0.36	0.45		4.48	2.08		-0.37	0.41		
<b>89DUG9</b>	<b>2.05</b>	1.05	0.23	<b>2.71</b>	0.68	0.18	<b>1.58</b>	-0.40	0.35	<b>21.42</b>	0.14	0.39	<b>1.22</b>	0.83	0.10		
		0.27	0.04		0.21	0.03		-0.12	0.05		0.56	0.46		0.25	0.02		



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>HMD97T</b>	<b>1.89</b>	0.42	0.09	<b>2.83</b>	1.06	0.13	<b>1.97</b>	0.94	0.47	<b>21.89</b>	0.26	0.50	<b>1.02</b>	0.16	0.20
		0.11	0.01		0.33	0.02		0.27	0.06		1.03	0.58		0.05	0.03
<b>XKF48E</b>	<b>1.90</b>	0.47	3.02	<b>2.27</b>	-0.75	1.41	<b>1.53</b>	-0.55	0.90	<b>21.87</b>	0.25	0.83	<b>0.87</b>	-0.36	1.50
		0.12	0.46		-0.24	0.25		-0.16	0.12		1.01	0.97		-0.11	0.23
<b>TAEMVG</b>	<b>1.89</b>	0.44	0.64	<b>2.51</b>	0.04	0.93	<b>1.53</b>	-0.56	0.67	<b>23.03</b>	0.54	3.71	<b>0.88</b>	-0.33	0.15
		0.11	0.10		0.01	0.17		-0.16	0.09		2.17	4.34		-0.10	0.02
<b>HNU6YT</b>	<b>1.94</b>	0.62	1.47	<b>2.50</b>	0.01	0.62	<b>2.17</b>	1.63	1.87	<b>20.41</b>	-0.11	0.93	<b>1.11</b>	0.45	0.94
		0.16	0.22		0.00	0.11		0.47	0.24		-0.44	1.09		0.14	0.15
<b>Q77MKK</b>	<b>8.47</b>	26.24		<b>4.17</b>	5.32		<b>5.23</b>	12.14		<b>40.06</b>	4.74		<b>3.29</b>	7.72	
		6.69	0.00		1.67	0.00		3.54	0.00		19.20	0.00		2.32	0.00
<b>PN7ACJ</b>	<b>1.78</b>	0.02	0.20	<b>2.64</b>	0.45	0.09	<b>2.10</b>	1.39	0.12	<b>21.37</b>	0.13	1.19	<b>1.03</b>	0.17	0.36
		0.00	0.03		0.14	0.02		0.40	0.02		0.51	1.39		0.05	0.06
<b>Grand Median</b>		1.78			2.50			1.69			20.9			0.98	
<b>Median Abs Dev</b>		0.14			0.22			0.17			2.3			0.13	
<b>Avg Within Lab SD</b>		0.15			0.18			0.13			1.2			0.15	
<b>Labs Included</b>		24			24			24			24			24	
<b>Labs Reporting</b>		24			24			24			24			24	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-3, Mn (SubTestCode 165)			in the Mehlich-3 Multi-Element Property Groups												Data units: mg/kg	
SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515				
<b>26FBY9</b>	<b>46.8</b>	0.3	0.3	<b>91.8</b>	0.1	0.3	<b>44.6</b>	0.0	0.5	<b>133.6</b>	0.4	0.5	<b>149.7</b>	0.3	0.2	
		3.1	0.6		2.1	1.2		0.0	1.4		15.6	3.5		10.4	4.1	
<b>CP6CHY</b>	<b>46.3</b>	0.2	0.7	<b>95.3</b>	0.2	0.8	<b>49.0</b>	0.4	1.3	<b>138.7</b>	0.5	1.4	<b>147.0</b>	0.2	0.4	
		2.7	1.5		5.6	3.8		4.5	3.6		20.7	9.0		7.7	7.5	
<b>J7BMPT</b>	<b>40.3</b>	-0.3	0.3	<b>80.0</b>	-0.4	0.4	<b>46.7</b>	0.2	0.7	<b>112.0</b>	-0.1	0.8	<b>130.3</b>	-0.3	0.2	
		-3.3	0.6		-9.7	1.7		2.1	2.1		-6.0	5.0		-9.0	3.5	
<b>8MDKJZ</b>	<b>43.7</b>	0.0	0.7	<b>91.3</b>	0.1	0.3	<b>48.3</b>	0.4	1.1	<b>139.7</b>	0.5	3.6	<b>152.3</b>	0.4	0.4	
		0.0	1.5		1.6	1.5		3.8	3.1		21.7	23.7		13.0	8.7	
<b>Q4YHTG</b>	<b>38.8</b>	-0.4	0.1	<b>74.5</b>	-0.6	0.3	<b>37.0</b>	-0.7	0.2	<b>104.5</b>	-0.3	0.7	<b>114.7</b>	-0.7	0.1	
		-4.9	0.3		-15.2	1.2		-7.6	0.6		-13.5	4.5		-24.6	1.7	
<b>KQWZGM</b>	<b>47.6</b>	0.3	0.2	<b>88.0</b>	-0.1	0.0	<b>42.7</b>	-0.2	0.1	<b>134.5</b>	0.4	0.3	<b>145.3</b>	0.2	0.2	
		4.0	0.4		-1.7	0.2		-1.8	0.2		16.5	2.3		6.0	3.2	
<b>KQRJHN</b>	<b>43.7</b>	0.0	1.1	<b>93.3</b>	0.1	0.5	<b>40.3</b>	-0.4	0.5	<b>118.0</b>	0.0	0.0	<b>134.7</b>	-0.1	0.1	
		0.0	2.5		3.6	2.3		-4.2	1.5		0.0	0.0		-4.6	1.2	
<b>G6NDG2</b>	<b>40.3</b>	-0.3	0.0	<b>74.0</b>	-0.6	0.1	<b>41.9</b>	-0.3	0.2	<b>104.8</b>	-0.3	0.1	<b>139.3</b>	0.0	0.2	
		-3.4	0.0		-15.7	0.4		-2.6	0.4		-13.2	0.4		0.0	3.3	
<b>CQF2X6</b>	<b>36.0</b>	-0.6		<b>71.7</b>	-0.7	0.1	<b>42.7</b>	-0.2	0.2	<b>94.0</b>	-0.6		<b>111.3</b>	-0.8	0.1	
		-7.7	0.0		-18.1	0.6		-1.9	0.6		-24.0	0.0		-28.0	2.5	
<b>QB3B2R</b>	<b>24.9</b>	-1.5	0.4	<b>58.7</b>	-1.2	0.3	<b>28.5</b>	-1.6	0.3	<b>83.9</b>	-0.8	0.2	<b>106.7</b>	-0.9	0.1	
		-18.8	1.0		-31.1	1.6		-16.1	0.9		-34.1	1.4		-32.6	2.1	
<b>KZGFYV</b>	<b>45.6</b>	0.2	0.5	<b>97.3</b>	0.3	0.4	<b>46.7</b>	0.2	0.7	<b>151.1</b>	0.8	0.6	<b>149.0</b>	0.3	0.1	
		1.9	1.0		7.6	1.7		2.2	2.1		33.1	4.1		9.7	2.8	
<b>UB76AM</b>	<b>38.5</b>	-0.4	0.6	<b>71.3</b>	-0.7	0.3	<b>38.4</b>	-0.6	0.1	<b>109.0</b>	-0.2	0.5	<b>123.0</b>	-0.5	0.2	
		-5.2	1.3		-18.4	1.5		-6.2	0.3		-9.0	3.6		-16.3	3.6	
<b>JXC9JX</b>	<b>30.9</b>	-1.0	0.0	<b>60.3</b>	-1.2	0.0	<b>29.2</b>	-1.5	0.0	<b>80.6</b>	-0.9	0.0	<b>105.0</b>	-1.0	0.0	
		-12.8	0.0		-29.5	0.0		-15.4	0.0		-37.4	0.0		-34.3	0.0	
<b>44U7TF</b>	<b>75.0</b>	2.6		<b>140.3</b>	2.0		<b>64.4</b>	1.9		<b>214.2</b>	2.4		<b>221.4</b>	2.3		
		31.4	0.0		50.6	0.0		19.8	0.0		96.2	0.0		82.1	0.0	
<b>ZEMHEH</b>	<b>57.6</b>	1.1	2.7	<b>117.3</b>	1.1	2.3	<b>50.4</b>	0.6	0.7	<b>182.3</b>	1.6	0.6	<b>165.8</b>	0.7	0.3	
		13.9	6.1		27.6	10.2		5.9	2.0		64.3	4.3		26.5	5.6	
<b>KXVCQX</b>	<b>41.0</b>	-0.2	0.2	<b>91.1</b>	0.1	0.3	<b>51.1</b>	0.6	0.3	<b>107.3</b>	-0.3	0.5	<b>114.2</b>	-0.7	4.8	
		-2.6	0.5		1.4	1.4		6.6	0.8		-10.7	3.1		-25.1	97.6	
<b>WR44BL</b>	<b>39.3</b>	-0.4	0.0	<b>71.7</b>	-0.7	0.0	<b>35.1</b>	-0.9	0.0	<b>107.7</b>	-0.3	0.1	<b>129.0</b>	-0.3	0.0	
		-4.3	0.0		-18.1	0.0		-9.4	0.0		-10.3	0.6		-10.3	1.0	
<b>EDKTTZ</b>	<b>52.3</b>	0.7	0.1	<b>103.9</b>	0.6	0.4	<b>43.9</b>	-0.1	0.5	<b>159.2</b>	1.0	0.1	<b>182.2</b>	1.2	0.4	
		8.6	0.3		14.2	1.9		-0.6	1.3		41.2	1.0		42.9	8.0	
<b>XX43YG</b>	<b>51.3</b>	0.6	2.0	<b>120.3</b>	1.2	2.5	<b>51.3</b>	0.7	2.3	<b>166.3</b>	1.2	1.1	<b>165.3</b>	0.7	0.4	
		7.6	4.5		30.6	11.4		6.8	6.4		48.3	7.6		26.0	8.5	
<b>HMD97T</b>	<b>54.0</b>	0.8	0.2	<b>114.9</b>	1.0	0.1	<b>51.4</b>	0.7	0.6	<b>151.4</b>	0.8	0.5	<b>180.2</b>	1.1	0.1	
		10.3	0.6		25.1	0.6		6.8	1.8		33.4	3.5		40.9	1.2	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>7L7UV7</b>	<b>72.9</b>	2.4	2.3	<b>136.6</b>	1.8	2.4	<b>66.9</b>	2.2	3.1	<b>178.7</b>	1.5	0.9	<b>208.2</b>	1.9	0.1
		29.2	5.2		46.8	11.0		22.3	8.6		60.7	6.1		68.9	3.0
<b>XKF48E</b>	<b>32.8</b>	-0.9	1.6	<b>74.6</b>	-0.6	2.1	<b>35.7</b>	-0.9	1.3	<b>102.6</b>	-0.4	1.8	<b>133.3</b>	-0.2	0.7
		-10.9	3.5		-15.1	9.7		-8.9	3.5		-15.4	12.1		-6.0	13.7
<b>TAEMVG</b>	<b>32.0</b>	-1.0	0.8	<b>72.7</b>	-0.7	0.7	<b>32.0</b>	-1.2	1.2	<b>97.7</b>	-0.5	1.1	<b>115.7</b>	-0.7	0.1
		-11.7	1.7		-17.1	3.2		-12.6	3.5		-20.3	7.4		-23.6	2.1
<b>HNU6YT</b>	<b>48.0</b>	0.4	1.4	<b>65.3</b>	-1.0	0.6	<b>47.1</b>	0.2	1.0	<b>82.2</b>	-0.9	0.7	<b>95.3</b>	-1.2	0.2
		4.3	3.2		-24.4	2.5		2.6	2.7		-35.8	4.7		-44.0	4.0
<b>Q77MKK</b>	<b>237.7</b>	15.9		<b>336.5</b>	9.7		<b>186.6</b>	13.9		<b>723.2</b>	14.9		<b>743.7</b>	16.9	
		194.1	0.0		246.8	0.0		142.1	0.0		605.2	0.0		604.4	0.0
<b>PN7ACJ</b>	<b>40.6</b>	-0.3	0.2	<b>89.7</b>	0.0	0.3	<b>46.6</b>	0.2	0.5	<b>120.1</b>	0.1	0.4	<b>149.5</b>	0.3	0.3
		-3.1	0.5		0.0	1.4		2.0	1.3		2.1	2.6		10.2	6.3
<b>Grand Median</b>		43.7			89.7			44.6			118.0			139.3	
<b>Median Abs Dev</b>		4.9			15.7			5.9			20.7			23.6	
<b>Avg Within Lab SD</b>		2.3			4.5			2.8			6.6			20.2	
<b>Labs Included</b>		25			25			25			25			25	
<b>Labs Reporting</b>		25			25			25			25			25	





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-3, Fe (SubTestCode 166)	in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg		
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515					
<b>26FBY9</b>	<b>315.9</b>	0.2	0.2	<b>73.1</b>	-0.1	0.5	<b>88.4</b>	0.3	0.6	<b>135.9</b>	-0.1	0.4	<b>152.2</b>	0.1	0.3			
		15.9	2.7		-2.6	3.0		6.4	3.3		-2.9	3.3		2.6	2.3			
<b>CP6CHY</b>				<b>89.0</b>	0.6	0.9	<b>95.3</b>	0.7	1.0	<b>150.0</b>	0.3	1.2	<b>160.0</b>	0.3	0.8			
					13.3	5.3		13.3	5.0		11.2	9.5		10.4	6.1			
<b>8MDKJZ</b>	<b>276.0</b>	-0.3	0.4	<b>64.0</b>	-0.5	0.5	<b>89.3</b>	0.4	0.3	<b>127.7</b>	-0.3	0.4	<b>141.3</b>	-0.2	0.9			
		-24.1	7.5		-11.7	3.0		7.3	1.5		-11.1	3.2		-8.3	6.5			
<b>Q4YHTG</b>	<b>281.4</b>	-0.2	0.3	<b>78.2</b>	0.1	0.4	<b>81.1</b>	0.0	0.6	<b>123.8</b>	-0.4	0.5	<b>139.0</b>	-0.3	0.2			
		-18.7	5.1		2.6	2.4		-1.0	3.4		-15.0	4.0		-10.6	1.7			
<b>KQWZGM</b>	<b>300.1</b>	0.0	0.4	<b>65.4</b>	-0.5	0.1	<b>77.5</b>	-0.2	0.1	<b>135.6</b>	-0.1	0.4	<b>132.7</b>	-0.5	0.4			
		0.0	6.9		-10.3	0.5		-4.5	0.3		-3.2	3.0		-16.9	3.4			
<b>KQRJHN</b>	<b>319.0</b>	0.2	1.1	<b>78.7</b>	0.1	0.5	<b>82.7</b>	0.0	0.5	<b>131.3</b>	-0.2	0.3	<b>145.3</b>	-0.1	0.3			
		18.9	18.5		3.0	2.9		0.6	2.9		-7.5	2.1		-4.3	2.1			
<b>G6NDG2</b>	<b>246.2</b>	-0.7	0.8	<b>58.6</b>	-0.8	0.1	<b>79.1</b>	-0.1	0.1	<b>108.4</b>	-0.9	0.1	<b>137.8</b>	-0.3	0.2			
		-53.9	13.4		-17.0	0.5		-2.9	0.5		-30.4	1.0		-11.8	1.8			
<b>CQF2X6</b>	<b>125.3</b>	-2.2	0.1	<b>51.7</b>	-1.1	0.1	<b>54.3</b>	-1.4	0.1	<b>69.3</b>	-2.0	0.1	<b>78.0</b>	-1.9	0.1			
		-174.7	2.5		-24.0	0.6		-27.7	0.6		-69.5	0.6		-71.6	1.0			
<b>QB3B2R</b>	<b>244.3</b>	-0.7	0.3	<b>82.0</b>	0.3	0.5	<b>60.7</b>	-1.1	0.3	<b>156.7</b>	0.5	0.5	<b>146.3</b>	-0.1	0.7			
		-55.7	5.9		6.3	3.0		-21.4	1.5		17.9	4.0		-3.3	4.9			
<b>KZGFYV</b>	<b>328.7</b>	0.4	0.6	<b>78.3</b>	0.1	0.3	<b>81.4</b>	0.0	0.4	<b>150.7</b>	0.3	0.7	<b>157.3</b>	0.2	1.1			
		28.6	9.7		2.7	1.7		-0.6	2.3		11.9	5.3		7.7	8.1			
<b>UB76AM</b>	<b>255.3</b>	-0.6	0.6	<b>60.1</b>	-0.7	0.4	<b>69.7</b>	-0.6	0.0	<b>111.7</b>	-0.8	0.1	<b>127.3</b>	-0.6	0.2			
		-44.7	10.5		-15.6	2.2		-12.3	0.1		-27.1	0.6		-22.3	1.5			
<b>JXC9JX</b>	<b>212.8</b>	-1.1		<b>50.7</b>	-1.1	0.0	<b>56.9</b>	-1.3	0.0	<b>96.7</b>	-1.2	0.0	<b>107.3</b>	-1.1	0.0			
		-87.3	0.0		-25.0	0.0		-25.1	0.0		-42.1	0.0		-42.4	0.0			
<b>44U7TF</b>	<b>469.5</b>	2.2		<b>131.5</b>	2.5		<b>127.3</b>	2.3		<b>219.7</b>	2.3		<b>247.4</b>	2.6				
		169.4	0.0		55.8	0.0		45.3	0.0		80.9	0.0		97.8	0.0			
<b>ZEMHEH</b>	<b>339.4</b>	0.5	0.7	<b>91.9</b>	0.7	1.2	<b>87.3</b>	0.3	0.6	<b>170.0</b>	0.9	1.1	<b>171.4</b>	0.6	1.1			
		39.3	12.5		16.2	6.9		5.3	3.1		31.2	8.6		21.8	8.6			
<b>KXVCQX</b>	<b>320.0</b>	0.3	0.3	<b>83.7</b>	0.4	0.1	<b>101.3</b>	1.0	0.2	<b>141.7</b>	0.1	0.5	<b>172.7</b>	0.6	0.8			
		19.9	4.6		8.0	0.6		19.3	1.2		2.9	4.0		23.0	6.0			
<b>WR44BL</b>	<b>252.7</b>	-0.6	0.0	<b>59.6</b>	-0.7	0.0	<b>71.0</b>	-0.6	0.0	<b>111.3</b>	-0.8	0.1	<b>130.0</b>	-0.5				
		-47.4	0.6		-16.1	0.0		-11.0	0.1		-27.5	0.6		-19.6	0.0			
<b>EDKTTZ</b>	<b>328.1</b>	0.4	0.2	<b>63.8</b>	-0.5	0.5	<b>73.8</b>	-0.4	0.5	<b>144.2</b>	0.2	0.2	<b>159.8</b>	0.3	0.9			
		28.0	4.0		-11.9	2.8		-8.3	2.7		5.4	1.3		10.2	6.5			
<b>XX43YG</b>	<b>398.0</b>	1.3	2.3	<b>119.7</b>	2.0	3.7	<b>110.0</b>	1.4	2.8	<b>202.7</b>	1.8	2.9	<b>194.3</b>	1.2	2.1			
		97.9	39.0		44.0	21.2		28.0	14.5		63.9	22.0		44.7	15.6			
<b>HMD97T</b>	<b>341.6</b>	0.5	0.1	<b>93.0</b>	0.8	0.1	<b>84.8</b>	0.1	0.4	<b>155.1</b>	0.5	0.3	<b>185.4</b>	1.0	0.1			
		41.6	1.6		17.4	0.8		2.8	2.3		16.3	2.3		35.7	0.8			
<b>7L7UV7</b>	<b>434.8</b>	1.7	1.7	<b>107.0</b>	1.4	1.4	<b>116.5</b>	1.8	2.7	<b>196.4</b>	1.7	1.4	<b>219.9</b>	1.9	1.7			
		134.7	29.4		31.3	7.9		34.4	14.0		57.6	10.8		70.2	13.0			



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>XKF48E</b>	<b>255.1</b>	-0.6	1.2	<b>71.9</b>	-0.2	1.9	<b>77.7</b>	-0.2	1.3	<b>130.6</b>	-0.2	1.7	<b>147.1</b>	-0.1	2.4
		-45.0	20.5		-3.8	10.9		-4.3	6.9		-8.2	12.6		-2.6	17.7
<b>TAEMVG</b>	<b>246.0</b>	-0.7	0.8	<b>64.0</b>	-0.5	0.5	<b>58.7</b>	-1.2	1.0	<b>125.3</b>	-0.4	1.7	<b>120.7</b>	-0.8	0.4
		-54.1	13.0		-11.7	2.6		-23.4	5.5		-13.5	13.1		-29.0	3.1
<b>HNU6YT</b>	<b>305.6</b>	0.1	2.9	<b>68.2</b>	-0.3	0.8	<b>86.7</b>	0.2	1.7	<b>142.7</b>	0.1	1.6	<b>170.5</b>	0.6	2.2
		5.5	49.2		-7.5	4.5		4.6	9.2		3.9	12.4		20.9	16.5
<b>Q77MKK</b>	<b>769.4</b>	6.0		<b>643.0</b>	25.5		<b>560.7</b>	24.5		<b>768.1</b>	18.0		<b>776.7</b>	16.9	
		469.4	0.0		567.4	0.0		478.6	0.0		629.3	0.0		627.1	0.0
<b>PN7ACJ</b>	<b>295.7</b>	-0.1	0.4	<b>78.2</b>	0.1	0.6	<b>89.1</b>	0.4	0.5	<b>142.7</b>	0.1	0.7	<b>163.7</b>	0.4	0.2
		-4.4	7.5		2.6	3.4		7.1	2.6		3.9	5.5		14.1	1.3
<b>Grand Median</b>		300.1			75.7			82.0			138.8			149.6	
<b>Median Abs Dev</b>		41.6			11.8			7.8			14.2			18.3	
<b>Avg Within Lab SD</b>		16.9			5.8			5.3			7.6			7.5	
<b>Labs Included</b>		23			24			24			24			24	
<b>Labs Reporting</b>		23			24			24			24			24	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-3, Cu (SubTestCode 167)			in the Mehlich-3 Multi-Element Property Groups												Data units: mg/kg	
	SRSSRS1511		SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515				
<b>26FBY9</b>	<b>2.23</b>	0.61	0.65	<b>1.25</b>	0.06	0.39	<b>0.43</b>	0.21	0.19	<b>1.89</b>	0.40	0.52	<b>2.05</b>	0.33	0.39	
		0.25	0.06		0.01	0.03		0.03	0.01		0.13	0.07		0.10	0.05	
<b>CP6CHY</b>	<b>2.30</b>	0.78	0.00	<b>1.23</b>	0.00	0.78	<b>0.40</b>	0.00	0.00	<b>1.77</b>	0.02	0.45	<b>2.13</b>	0.62	0.95	
		0.33	0.00		0.00	0.06		0.00	0.00		0.01	0.06		0.19	0.12	
<b>J7BMPT</b>	<b>1.80</b>	-0.41	0.00	<b>1.23</b>	0.00	0.78	<b>0.43</b>	0.21	0.95	<b>1.50</b>	-0.77		<b>1.67</b>	-0.91	0.48	
		-0.17	0.00		0.00	0.06		0.03	0.06		-0.26	0.00		-0.28	0.06	
<b>8MDKJZ</b>	<b>1.67</b>	-0.73	0.50	<b>1.04</b>	-0.92	0.71	<b>0.35</b>	-0.29	0.58	<b>1.57</b>	-0.57	0.43	<b>1.69</b>	-0.83	0.30	
		-0.30	0.04		-0.19	0.05		-0.05	0.04		-0.19	0.06		-0.25	0.04	
<b>Q4YHTG</b>	<b>1.75</b>	-0.54	0.17	<b>1.00</b>	-1.12	0.23	<b>0.33</b>	-0.44	0.57	<b>1.42</b>	-1.01	0.36	<b>1.62</b>	-1.07	0.17	
		-0.23	0.02		-0.23	0.02		-0.07	0.03		-0.34	0.05		-0.33	0.02	
<b>KQWZGM</b>	<b>2.33</b>	0.85	0.34	<b>1.26</b>	0.11	1.08	<b>0.29</b>	-0.66	0.05	<b>2.05</b>	0.85	0.18	<b>1.90</b>	-0.14	0.21	
		0.36	0.03		0.02	0.08		-0.11	0.00		0.29	0.02		-0.04	0.03	
<b>KQRJHN</b>	<b>2.14</b>	0.39	0.24	<b>1.33</b>	0.48	0.39	<b>0.48</b>	0.52	0.10	<b>1.75</b>	-0.02	0.25	<b>2.00</b>	0.18	0.22	
		0.16	0.02		0.10	0.03		0.08	0.01		-0.01	0.03		0.06	0.03	
<b>G6NDG2</b>	<b>1.78</b>	-0.46	1.27	<b>0.96</b>	-1.32	0.37	<b>0.29</b>	-0.66	0.18	<b>1.43</b>	-0.98	0.41	<b>1.83</b>	-0.39	0.48	
		-0.19	0.11		-0.28	0.03		-0.11	0.01		-0.33	0.05		-0.12	0.06	
<b>CQF2X6</b>	<b>1.73</b>	-0.57	0.66	<b>1.07</b>	-0.80	0.78	<b>0.37</b>	-0.21	0.95	<b>1.40</b>	-1.07	0.00	<b>1.70</b>	-0.80	0.00	
		-0.24	0.06		-0.17	0.06		-0.03	0.06		-0.36	0.00		-0.24	0.00	
<b>QB3B2R</b>	<b>1.10</b>	-2.09	0.11	<b>1.13</b>	-0.49	0.54	<b>0.34</b>	-0.38	0.33	<b>1.53</b>	-0.70	0.35	<b>1.73</b>	-0.70	0.29	
		-0.87	0.01		-0.10	0.04		-0.06	0.02		-0.23	0.05		-0.21	0.03	
<b>KZGFYV</b>	<b>2.27</b>	0.70	0.35	<b>1.47</b>	1.12	0.66	<b>0.49</b>	0.54	0.58	<b>2.07</b>	0.93	0.12	<b>2.15</b>	0.68	0.27	
		0.29	0.03		0.23	0.05		0.09	0.04		0.31	0.02		0.21	0.03	
<b>UB76AM</b>	<b>1.97</b>	0.00	0.29	<b>1.02</b>	-1.04	0.68	<b>0.40</b>	0.02	0.82	<b>1.48</b>	-0.82	0.20	<b>1.73</b>	-0.70	0.44	
		0.00	0.03		-0.22	0.05		0.00	0.05		-0.28	0.03		-0.21	0.05	
<b>JXC9JX</b>	<b>1.87</b>	-0.25	0.00	<b>1.20</b>	-0.16	0.00	<b>0.54</b>	0.88	0.00	<b>1.59</b>	-0.51	0.00	<b>1.71</b>	-0.77	0.00	
		-0.10	0.00		-0.03	0.00		0.14	0.00		-0.17	0.00		-0.23	0.00	
<b>44U7TF</b>	<b>6.68</b>	11.26		<b>4.80</b>	17.06		<b>2.09</b>	10.59		<b>5.93</b>	12.42		<b>6.78</b>	15.82		
		4.71	0.00		3.57	0.00		1.69	0.00		4.17	0.00		4.83	0.00	
<b>ZEMHEH</b>	<b>1.91</b>	-0.15	1.25	<b>1.35</b>	0.58	1.75	<b>0.22</b>	-1.10	1.18	<b>1.99</b>	0.69	0.52	<b>1.96</b>	0.04	1.55	
		-0.06	0.11		0.12	0.13		-0.18	0.07		0.23	0.07		0.01	0.19	
<b>KXVCQX</b>	<b>2.06</b>	0.21	0.46	<b>1.23</b>	0.00	0.16	<b>0.45</b>	0.33	0.85	<b>1.70</b>	-0.17	0.47	<b>2.02</b>	0.23	0.21	
		0.09	0.04		0.00	0.01		0.05	0.05		-0.06	0.06		0.07	0.03	
<b>WR44BL</b>	<b>1.59</b>	-0.91	0.07	<b>0.93</b>	-1.46	0.00	<b>0.28</b>	-0.74	0.02	<b>1.38</b>	-1.12	0.05	<b>1.68</b>	-0.86	0.01	
		-0.38	0.01		-0.31	0.00		-0.12	0.00		-0.38	0.01		-0.26	0.00	
<b>EDKTTZ</b>	<b>2.24</b>	0.63	0.54	<b>1.26</b>	0.14	0.68	<b>0.35</b>	-0.33	0.25	<b>2.02</b>	0.76	0.23	<b>2.29</b>	1.14	0.92	
		0.26	0.05		0.03	0.05		-0.05	0.02		0.26	0.03		0.35	0.11	
<b>XX43YG</b>	<b>1.84</b>	-0.31	2.28	<b>1.43</b>	0.96	1.05	<b>0.22</b>	-1.13	2.06	<b>2.22</b>	1.37	3.00	<b>2.16</b>	0.72	3.13	
		-0.13	0.20		0.20	0.08		-0.18	0.12		0.46	0.38		0.22	0.38	
<b>89DUG9</b>	<b>2.29</b>	0.76	0.20	<b>1.63</b>	1.91	0.54	<b>0.63</b>	1.44	0.44	<b>2.13</b>	1.10	0.28	<b>2.04</b>	0.30	0.17	
		0.32	0.02		0.40	0.04		0.23	0.03		0.37	0.04		0.09	0.02	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>HMD97T</b>	<b>2.46</b>	1.16	0.54	<b>1.60</b>	1.75	1.11	<b>0.42</b>	0.15	0.33	<b>2.08</b>	0.95	0.73	<b>2.76</b>	2.66	0.54
		0.49	0.05		0.37	0.08		0.02	0.02		0.32	0.09		0.81	0.07
<b>XKF48E</b>	<b>1.70</b>	-0.65	2.28	<b>1.17</b>	-0.32	2.06	<b>0.33</b>	-0.42	0.95	<b>1.70</b>	-0.18	0.78	<b>1.93</b>	-0.04	1.72
		-0.27	0.20		-0.07	0.15		-0.07	0.06		-0.06	0.10		-0.01	0.21
<b>TAEMVG</b>	<b>2.05</b>	0.18	1.08	<b>1.23</b>	-0.03	1.25	<b>0.33</b>	-0.46	0.50	<b>1.88</b>	0.37	2.51	<b>1.78</b>	-0.53	0.34
		0.07	0.10		-0.01	0.09		-0.07	0.03		0.12	0.32		-0.16	0.04
<b>HNU6YT</b>	<b>2.37</b>	0.94	2.67	<b>1.40</b>	0.78	2.57	<b>0.61</b>	1.32	3.65	<b>1.82</b>	0.19	1.80	<b>2.15</b>	0.67	2.15
		0.39	0.23		0.16	0.19		0.21	0.22		0.06	0.23		0.21	0.26
<b>Q77MKK</b>	<b>1.12</b>	-2.04					<b>1.10</b>	4.39							
		-0.85	0.00					0.70	0.00						
<b>PN7ACJ</b>	<b>2.20</b>	0.55	0.92	<b>1.37</b>	0.64	0.51	<b>0.40</b>	0.02	0.34	<b>1.97</b>	0.63	1.58	<b>2.21</b>	0.87	0.93
		0.23	0.08		0.13	0.04		0.00	0.02		0.21	0.20		0.27	0.11
<b>Grand Median</b>		1.97			1.23			0.40			1.76			1.94	
<b>Median Abs Dev</b>		0.25			0.13			0.07			0.25			0.21	
<b>Avg Within Lab SD</b>		0.09			0.07			0.06			0.13			0.12	
<b>Labs Included</b>		25			24			25			24			24	
<b>Labs Reporting</b>		25			24			25			24			24	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mehlich-3, B (SubTestCode 168)			in the Mehlich-3 Multi-Element Property Groups												Data units: mg/kg	
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>26FBY9</b>	<b>0.41</b>	0.22	0.94	<b>0.70</b>	0.64	0.86	<b>0.33</b>	0.27	0.12	<b>1.13</b>	0.33	0.81	<b>0.34</b>	0.00	0.32	
		0.05	0.04		0.11	0.05		0.03	0.01		0.10	0.08		0.00	0.02	
<b>CP6CHY</b>	<b>1.17</b>	3.56	1.30	<b>1.30</b>	4.04	3.24	<b>0.77</b>	3.97	1.19	<b>1.70</b>	2.17	1.07	<b>1.03</b>	4.16	0.90	
		0.81	0.06		0.71	0.17		0.47	0.06		0.67	0.10		0.69	0.06	
<b>8MDKJZ</b>	<b>0.34</b>	-0.09	0.35	<b>0.65</b>	0.36	0.75	<b>0.29</b>	-0.04	0.21	<b>0.80</b>	-0.73	0.54	<b>0.38</b>	0.20	0.39	
		-0.02	0.02		0.06	0.04		-0.01	0.01		-0.23	0.05		0.03	0.03	
<b>Q4YHTG</b>	<b>0.52</b>	0.71	0.13	<b>0.56</b>	-0.15	0.32	<b>0.32</b>	0.24	0.12	<b>0.85</b>	-0.58	0.39	<b>0.40</b>	0.34	0.16	
		0.16	0.01		-0.03	0.02		0.03	0.01		-0.18	0.04		0.06	0.01	
<b>KQWZGM</b>	<b>0.44</b>	0.37	0.32	<b>0.66</b>	0.39	0.55	<b>0.34</b>	0.41	0.60	<b>1.13</b>	0.34	0.22	<b>0.35</b>	0.06	0.05	
		0.08	0.01		0.07	0.03		0.05	0.03		0.11	0.02		0.01	0.00	
<b>KQRJHN</b>	<b>0.64</b>	1.26	0.57	<b>0.55</b>	-0.19	0.29	<b>0.37</b>	0.60	0.32	<b>0.88</b>	-0.48	0.28	<b>0.40</b>	0.36	0.18	
		0.29	0.03		-0.03	0.02		0.07	0.02		-0.15	0.03		0.06	0.01	
<b>G6NDG2</b>	<b>0.37</b>	0.06	0.23	<b>0.58</b>	-0.04	0.41	<b>0.32</b>	0.25	0.19	<b>1.05</b>	0.07	0.47	<b>0.43</b>	0.54	0.50	
		0.01	0.01		-0.01	0.02		0.03	0.01		0.02	0.04		0.09	0.03	
<b>CQF2X6</b>	<b>0.10</b>	-1.13	0.00	<b>0.30</b>	-1.62	0.00	<b>0.10</b>	-1.64	0.00	<b>0.50</b>	-1.71		<b>0.10</b>	-1.46	0.00	
		-0.26	0.00		-0.29	0.00		-0.20	0.00		-0.53	0.00		-0.24	0.00	
<b>QB3B2R</b>	<b>0.24</b>	-0.52	0.57	<b>0.59</b>	0.00	0.57	<b>0.23</b>	-0.52	0.86	<b>0.47</b>	-1.80	0.21	<b>0.21</b>	-0.82	0.18	
		-0.12	0.03		0.00	0.03		-0.06	0.04		-0.56	0.02		-0.14	0.01	
<b>KZGFYV</b>	<b>0.19</b>	-0.72	0.35	<b>0.59</b>	0.00	0.22	<b>0.23</b>	-0.52	0.32	<b>0.97</b>	-0.18	0.06	<b>0.23</b>	-0.68	0.16	
		-0.16	0.02		0.00	0.01		-0.06	0.02		-0.06	0.01		-0.11	0.01	
<b>UB76AM</b>	<b>0.26</b>	-0.42	1.63	<b>0.55</b>	-0.19	1.06	<b>0.24</b>	-0.46	1.64	<b>1.01</b>	-0.07	0.97	<b>0.31</b>	-0.20	1.23	
		-0.10	0.07		-0.03	0.06		-0.06	0.08		-0.02	0.09		-0.03	0.08	
<b>JXC9JX</b>	<b>0.19</b>	-0.73	0.00	<b>0.54</b>	-0.26	0.00	<b>0.25</b>	-0.38		<b>0.87</b>	-0.51	0.00	<b>0.25</b>	-0.56		
		-0.17	0.00		-0.05	0.00		-0.05	0.00		-0.16	0.00		-0.09	0.00	
<b>WR44BL</b>	<b>0.36</b>	0.01	0.01	<b>0.50</b>	-0.50	0.02	<b>0.30</b>	0.04	0.00	<b>0.84</b>	-0.61	0.00	<b>0.34</b>	0.00	0.03	
		0.00	0.00		-0.09	0.00		0.01	0.00		-0.19	0.00		0.00	0.00	
<b>EDKTTZ</b>	<b>0.35</b>	-0.01	0.57	<b>0.68</b>	0.55	0.43	<b>0.33</b>	0.32	0.32	<b>1.26</b>	0.76	0.25	<b>0.39</b>	0.28	0.31	
		0.00	0.03		0.10	0.02		0.04	0.02		0.24	0.02		0.05	0.02	
<b>XX43YG</b>	<b>0.41</b>	0.25	2.88	<b>0.62</b>	0.19	0.65	<b>0.22</b>	-0.63	1.09	<b>1.16</b>	0.44	1.43	<b>0.16</b>	-1.10	2.02	
		0.06	0.13		0.03	0.03		-0.08	0.05		0.14	0.13		-0.18	0.13	
<b>HMD97T</b>	<b>0.19</b>	-0.74	0.06	<b>0.72</b>	0.76	0.20	<b>0.27</b>	-0.25	0.13	<b>1.10</b>	0.23	0.28	<b>0.32</b>	-0.12	0.10	
		-0.17	0.00		0.13	0.01		-0.03	0.01		0.07	0.03		-0.02	0.01	
<b>XKF48E</b>	<b>0.10</b>	-1.13		<b>0.37</b>	-1.25	1.08	<b>0.20</b>	-0.80	2.92	<b>1.13</b>	0.34	3.45	<b>0.27</b>	-0.46	3.24	
		-0.26	0.00		-0.22	0.06		-0.10	0.14		0.11	0.32		-0.08	0.21	
<b>Q77MKK</b>	<b>1.40</b>	4.59		<b>1.52</b>	5.29		<b>1.05</b>	6.35		<b>2.24</b>	3.91		<b>1.56</b>	7.33		
		1.04	0.00		0.93	0.00		0.76	0.00		1.21	0.00		1.22	0.00	
<b>PN7ACJ</b>	<b>0.40</b>	0.21	1.76	<b>0.77</b>	1.02	1.51	<b>0.39</b>	0.80	1.64	<b>1.28</b>	0.81	0.56	<b>0.47</b>	0.79	0.63	
		0.05	0.08		0.18	0.08		0.10	0.08		0.25	0.05		0.13	0.04	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Grand Median</b>		0.36			0.59			0.30			1.03			0.34	
<b>Median Abs Dev</b>		0.11			0.07			0.05			0.15			0.07	
<b>Avg Within Lab SD</b>		0.04			0.05			0.05			0.09			0.06	
<b>Labs Included</b>		18			18			18			18			18	
<b>Labs Reporting</b>		18			18			18			18			18	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Zn - DTPA (SubTestCode 169)	in the Micronutrients Property Groups														Data units: mg/kg	
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
NRW8AP	<b>0.62</b>	0.01	1.01	<b>0.90</b>	-0.33	0.10	<b>0.83</b>	0.51	1.55	<b>7.51</b>	-0.43	0.30	<b>0.32</b>	-0.24	0.13	
		0.00	0.05		-0.13	0.01		0.14	0.10		-1.38	0.10		-0.05	0.01	
6WAFT7	<b>0.48</b>	-0.33	0.24	<b>0.96</b>	-0.16	0.04	<b>0.50</b>	-0.69	0.26	<b>9.79</b>	0.28	0.10	<b>0.37</b>	0.00	0.23	
		-0.14	0.01		-0.07	0.00		-0.19	0.02		0.90	0.03		0.00	0.01	
FQP3HU	<b>0.88</b>	0.65	0.65	<b>1.06</b>	0.09	0.55	<b>0.77</b>	0.26	0.23	<b>8.95</b>	0.02	1.50	<b>0.33</b>	-0.20	0.27	
		0.27	0.03		0.04	0.04		0.07	0.01		0.07	0.52		-0.04	0.01	
C47NEY	<b>0.68</b>	0.16	1.45	<b>1.19</b>	0.41	2.51	<b>0.95</b>	0.93	0.39	<b>9.35</b>	0.15	1.61	<b>0.43</b>	0.33	0.94	
		0.07	0.08		0.16	0.16		0.26	0.02		0.47	0.56		0.06	0.04	
7WA3K4	<b>1.05</b>	1.08	0.19	<b>1.25</b>	0.56	0.36	<b>0.73</b>	0.12	0.58	<b>9.45</b>	0.18	1.37	<b>0.48</b>	0.54	1.29	
		0.44	0.01		0.22	0.02		0.03	0.04		0.57	0.47		0.11	0.06	
VJYMAG	<b>0.61</b>	-0.01	0.86	<b>1.20</b>	0.42	1.35	<b>0.61</b>	-0.28	1.43	<b>9.62</b>	0.23	1.47	<b>0.45</b>	0.41	1.38	
		0.00	0.05		0.17	0.09		-0.08	0.09		0.74	0.51		0.08	0.06	
4RZ3B8	<b>0.57</b>	-0.12	1.09	<b>0.93</b>	-0.24	0.89	<b>0.70</b>	0.03	0.00	<b>8.33</b>	-0.17	1.45	<b>0.30</b>	-0.35	0.00	
		-0.05	0.06		-0.10	0.06		0.01	0.00		-0.55	0.50		-0.07	0.00	
C4PRLY	<b>0.56</b>	-0.14	0.61	<b>1.08</b>	0.12	1.01	<b>0.71</b>	0.05	0.37	<b>8.01</b>	-0.28	0.09	<b>0.43</b>	0.30	0.23	
		-0.06	0.03		0.05	0.07		0.02	0.02		-0.88	0.03		0.06	0.01	
477W66	<b>0.47</b>	-0.36	1.09	<b>1.00</b>	-0.07		<b>0.50</b>	-0.68		<b>8.83</b>	-0.02	0.33	<b>0.37</b>	-0.02	1.34	
		-0.15	0.06		-0.03	0.00		-0.19	0.00		-0.05	0.12		0.00	0.06	
CE8C7V	<b>0.63</b>	0.05	1.09	<b>1.20</b>	0.43	0.00	<b>0.67</b>	-0.09	0.94	<b>10.50</b>	0.51	1.75	<b>0.40</b>	0.15	0.00	
		0.02	0.06		0.17	0.00		-0.03	0.06		1.62	0.61		0.03	0.00	
DZKJUJ	<b>0.60</b>	-0.04	0.11	<b>1.03</b>	0.01	0.89	<b>0.73</b>	0.15	0.94	<b>7.07</b>	-0.57	0.33	<b>0.37</b>	-0.02	0.67	
		-0.02	0.01		0.01	0.06		0.04	0.06		-1.82	0.12		0.00	0.03	
JR9FBN	<b>0.85</b>	0.57	0.79	<b>1.62</b>	1.49	0.86	<b>0.87</b>	0.63	0.82	<b>12.30</b>	1.08	1.14	<b>0.57</b>	1.03	1.10	
		0.23	0.04		0.59	0.06		0.18	0.05		3.42	0.40		0.20	0.05	
8NA3L2	<b>0.54</b>	-0.17	0.22	<b>1.04</b>	0.04	0.09	<b>0.54</b>	-0.55	0.89	<b>10.77</b>	0.59	0.33	<b>0.27</b>	-0.49	0.94	
		-0.07	0.01		0.02	0.01		-0.16	0.06		1.88	0.12		-0.10	0.04	
4XQDK7	<b>1.46</b>	2.07	0.19	<b>2.02</b>	2.49	1.18	<b>1.56</b>	3.10	1.41	<b>7.02</b>	-0.59	0.21	<b>1.57</b>	6.08	0.23	
		0.85	0.01		0.99	0.08		0.87	0.09		-1.87	0.07		1.20	0.01	
32WJM7	<b>0.71</b>	0.24	0.29	<b>1.20</b>	0.43	0.27	<b>0.69</b>	0.01	0.65	<b>9.89</b>	0.32	0.12	<b>0.51</b>	0.73	0.48	
		0.10	0.02		0.17	0.02		0.00	0.04		1.01	0.04		0.14	0.02	
QUDDLH	<b>0.60</b>	-0.03	0.00	<b>0.87</b>	-0.41	1.79	<b>0.83</b>	0.51	0.94	<b>7.87</b>	-0.32	0.44	<b>0.33</b>	-0.19	1.34	
		-0.01	0.00		-0.16	0.12		0.14	0.06		-1.02	0.15		-0.04	0.06	
KQRJHN	<b>2.39</b>	4.34	1.16	<b>1.33</b>	0.77	0.18	<b>0.95</b>	0.92	0.43	<b>10.11</b>	0.39	0.57	<b>0.49</b>	0.61	0.23	
		1.77	0.06		0.31	0.01		0.26	0.03		1.23	0.20		0.12	0.01	
M8UYGL	<b>0.22</b>	-0.96	0.82	<b>0.49</b>	-1.36	0.54	<b>0.58</b>	-0.41	3.85	<b>8.57</b>	-0.10	1.08	<b>0.24</b>	-0.64	1.36	
		-0.39	0.04		-0.54	0.04		-0.12	0.24		-0.31	0.38		-0.13	0.06	
QB3B2R	<b>0.53</b>	-0.21	0.48	<b>0.90</b>	-0.31	0.63	<b>0.47</b>	-0.80	0.65	<b>7.65</b>	-0.39	0.43	<b>0.27</b>	-0.51	1.21	
		-0.09	0.03		-0.13	0.04		-0.23	0.04		-1.23	0.15		-0.10	0.05	
KZGFYV	<b>0.28</b>	-0.81	0.22	<b>0.48</b>	-1.38	0.00	<b>0.37</b>	-1.14	0.09	<b>5.20</b>	-1.16	0.30	<b>0.21</b>	-0.81	0.00	
		-0.33	0.01		-0.55	0.00		-0.32	0.01		-3.68	0.10		-0.16	0.00	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>BL7NF7</b>	<b>0.54</b>	-0.17	0.95	<b>0.99</b>	-0.09	0.86	<b>0.71</b>	0.07	1.00	<b>7.19</b>	-0.53	1.04	<b>0.34</b>	-0.17	0.46
<b>ZEMHEH</b>	<b>0.80</b>	-0.07	0.05	<b>1.27</b>	-0.04	0.06	<b>0.80</b>	0.02	0.06	<b>8.93</b>	-1.69	0.36	<b>0.61</b>	-0.03	0.02
<b>KXVCQX</b>	<b>0.81</b>	0.45	1.72	<b>1.02</b>	0.60	1.70	<b>0.69</b>	0.39	1.45	<b>8.27</b>	0.02	1.46	<b>0.39</b>	1.20	2.24
<b>XX43YG</b>	<b>0.76</b>	0.18	0.09	<b>1.41</b>	0.24	0.11	<b>0.72</b>	0.11	0.09	<b>11.59</b>	0.05	0.51	<b>0.45</b>	0.24	0.10
<b>89DUG9</b>	<b>0.83</b>	0.48	0.66	<b>1.51</b>	-0.01	0.47	<b>0.76</b>	-0.01	0.32	<b>14.33</b>	-0.19	0.14	<b>0.77</b>	0.12	0.27
<b>RKW4MM</b>	<b>1.03</b>	0.20	0.03	<b>0.93</b>	-0.01	0.03	<b>1.00</b>	0.00	0.02	<b>7.30</b>	-0.61	0.05	<b>0.50</b>	0.02	0.01
<b>4F7V8B</b>	<b>0.56</b>	0.37	2.87	<b>1.11</b>	0.96	3.16	<b>0.55</b>	0.11	0.80	<b>9.99</b>	0.85	3.08	<b>0.33</b>	0.41	1.67
<b>CZ7M44</b>	<b>0.58</b>	0.15	0.15	<b>1.00</b>	0.38	0.20	<b>0.61</b>	0.03	0.05	<b>9.37</b>	2.70	1.07	<b>0.33</b>	0.08	0.07
<b>PAPEWM</b>	<b>0.57</b>	0.52	0.11	<b>0.77</b>	1.21	0.15	<b>0.57</b>	0.26	0.09	<b>6.30</b>	1.72	0.19	<b>0.30</b>	2.04	2.37
<b>KMCVXR</b>	<b>1.80</b>	0.21	0.01	<b>2.20</b>	0.48	0.01	<b>1.20</b>	0.07	0.01	<b>29.10</b>	5.45	0.07	<b>0.70</b>	0.40	0.10
<b>8QG8D6</b>	<b>0.30</b>	1.03	1.09	<b>0.53</b>	-0.24	0.89	<b>0.38</b>	1.10	1.62	<b>6.13</b>	-0.50	0.29	<b>0.20</b>	0.66	2.32
<b>4PWGDA</b>	<b>0.59</b>	0.42	0.06	<b>1.01</b>	-0.10	0.06	<b>0.53</b>	0.31	0.10	<b>9.72</b>	-1.58	0.10	<b>0.32</b>	0.13	0.10
<b>TPMZPJ</b>	<b>0.95</b>	-0.13	0.05	<b>0.57</b>	0.20	0.24	<b>0.22</b>	-0.51	0.25	<b>8.18</b>	0.35	0.04	<b>0.37</b>	-0.20	0.11
<b>6YCNP4</b>	<b>0.43</b>	-0.06	0.00	<b>0.80</b>	0.08	0.02	<b>0.40</b>	-0.14	0.02	<b>7.43</b>	1.11	0.01	<b>0.30</b>	-0.04	0.00
<b>NT8YFL</b>	<b>1.85</b>	-0.08	1.05	<b>1.94</b>	-0.08	0.09	<b>1.06</b>	-0.28	0.67	<b>16.01</b>	0.15	0.17	<b>0.78</b>	-0.19	0.27
<b>Q77MKK</b>	<b>0.74</b>	-0.03	0.06	<b>1.29</b>	-0.03	0.01	<b>0.63</b>	-0.08	0.04	<b>14.04</b>	0.48	0.06	<b>0.45</b>	-0.04	0.01
<b>ALBLDW</b>	<b>0.89</b>	-0.12	2.89	<b>0.79</b>	-0.66	0.89	<b>0.12</b>	-0.45	0.94	<b>6.88</b>	-0.81	0.29	<b>0.51</b>	-0.35	0.00
<b>WN9D4A</b>	<b>0.24</b>	-0.05	0.15	<b>0.82</b>	-0.26	0.06	<b>0.47</b>	-0.13	0.06	<b>8.64</b>	-2.58	0.10	<b>0.30</b>	-0.07	0.00
		2.90			2.95			1.82			6.36			1.67	
		1.19	0.00		1.17	0.00		0.51	0.00		20.22	0.00		0.33	0.00
		-0.78	0.05		-1.25	0.04		-1.10	0.03		-0.87	0.09		-0.86	0.46
		-0.32	0.00		-0.50	0.00		-0.31	0.00		-2.75	0.03		-0.17	0.02
		-0.06			-0.05			-0.58			0.26			-0.25	
		-0.02	0.00		-0.02	0.00		-0.16	0.00		0.84	0.00		-0.05	0.00
		0.83	1.36		-1.15	0.50		-1.68	1.71		-0.22	0.09		0.00	1.81
		0.34	0.07		-0.46	0.03		-0.47	0.11		-0.70	0.03		0.00	0.08
		-0.44	1.09		-0.58	0.00		-1.04	0.00		-0.46	0.66		-0.35	0.00
		-0.18	0.06		-0.23	0.00		-0.29	0.00		-1.45	0.23		-0.07	0.00
		3.02			2.30			1.32			2.24			2.08	
		1.24	0.00		0.91	0.00		0.37	0.00		7.13	0.00		0.41	0.00
		0.31			0.66			-0.22			1.62			0.41	
		0.13	0.00		0.26	0.00		-0.06	0.00		5.16	0.00		0.08	0.00
		0.68	0.58		-0.59	0.65		-2.03	0.20		-0.63	1.61		0.71	0.94
		0.28	0.03		-0.24	0.04		-0.57	0.01		-2.01	0.56		0.14	0.04
		-0.91			-0.52	2.12		-0.79	0.08		-0.08	2.05		-0.33	
		-0.37	0.00		-0.21	0.14		-0.22	0.00		-0.24	0.71		-0.07	0.00
<b>Grand Median</b>		0.61			1.03			0.69			8.88			0.37	
<b>Median Abs Dev</b>		0.15			0.17			0.14			1.23			0.08	
<b>Avg Within Lab SD</b>		0.05			0.06			0.06			0.35			0.04	
<b>Labs Included</b>		38			38			38			38			38	
<b>Labs Reporting</b>		38			38			38			38			38	





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mn - DTPA (SubTestCode 170)		in the Micronutrients Property Groups										Data units: mg/kg			
	SRSSRS1511	SRSSRS1512	SRSSRS1513	SRSSRS1514	SRSSRS1515										
NRW8AP	15.21	-0.32 -1.79 0.13	0.32 0.21 0.30	1.95	-0.54 -2.59 -0.49	0.02 0.07 0.00	7.56	0.00 0.00 -0.08	0.00 0.00 0.15	1.28	-0.40 -1.57 -0.32	0.07 0.03 0.00	65.61	-1.02 -19.72 0.16	0.66 1.67 0.18
6WAFT7	17.70	0.70 0.68 3.78	0.20 0.82 0.55	2.20	-2.33 0.73 3.48	0.00 0.09 0.32	7.37	-0.20 1.02 2.36	0.21 0.09 0.12	1.60	-1.25 0.74 2.87	0.00 0.67 0.27	88.40	3.07 0.52 10.03	0.46 1.02 2.60
FQP3HU	20.79	0.92 5.11 -1.42	1.81 1.21 0.68	8.02	0.47 2.24 -0.55	0.15 0.52 0.02	9.92	1.88 4.34 -2.00	0.24 0.32 0.11	5.73	0.52 2.02 -0.58	0.90 0.36 0.02	95.36	1.30 25.13 -2.51	0.71 1.80 0.83
C47NEY	22.11	-7.91 0.03 0.19	0.45 1.57 1.05	6.78	-2.62 -0.34 -1.61	0.06 0.13 0.46	11.90	-4.62 -0.38 -0.88	0.14 0.61 0.82	4.87	-2.27 -0.31 -1.21	0.01 1.01 0.40	110.47	-48.49 0.31 5.91	2.10 1.09 2.77
7WA3K4	9.10	0.45 0.45 2.53	0.45 0.61 0.40	1.91	-2.62 0.00 0.00	0.06 0.02 0.06	2.94	-4.62 0.74 1.70	0.14 0.04 0.06	0.59	-0.32 -0.09 -0.09	0.06 1.25 1.25	36.84	3.03 0.03 0.58	0.72 0.76 1.93
VJYMAG	17.20	-1.39 -0.93 -5.17	0.07 0.23 0.15	4.23	-0.31 -0.43 -2.07	0.51 0.02 0.06	8.71	1.14 -0.65 -1.50	0.01 0.11 0.15	2.50	-0.35 -0.41 -1.59	0.50 0.14 0.06	85.91	0.58 -0.39 -7.50	1.93 0.33 0.83
477W66	11.83	0.36 2.00 -0.06	1.50 1.00 1.73	5.00	0.10 0.47 -0.36	0.28 1.00 0.08	8.00	0.19 0.44 0.18	0.00 0.00 0.04	3.67	0.21 0.82 -0.24	1.44 0.58 0.25	86.33	0.05 1.00 -0.19	1.59 4.04 0.60
CE8C7V	19.00	-0.34 0.32 1.76	1.15 0.23 0.15	2.83	-1.70 1.71 8.19	0.29 0.30 1.07	7.97	0.40 1.37 3.17	0.06 0.96 1.31	1.90	-0.95 1.57 6.15	0.10 3.27 1.31	81.67	-3.67 -3.38 -65.40	1.53 0.10 0.25
JR9FBN	18.77	0.17 0.96 -1.52	0.38 0.25 0.30	4.95	0.09 0.41 -0.30	0.05 0.18 0.01	7.25	-0.14 -0.32 -0.60	0.02 0.02 0.62	4.21	0.35 1.36 -0.29	0.15 0.06 0.01	83.27	-0.11 -2.07 -0.08	0.47 1.21 1.00
8NA3L2	17.97	-8.49 0.48 2.66	0.20 0.87 0.58	3.10	-1.43 0.38 1.80	0.04 0.16 0.58	6.18	-1.38 0.19 0.44	0.84 0.00 0.00	1.70	-1.15 0.46 1.82	0.01 1.44 0.58	83.77	-1.57 0.47 9.00	2.54 0.23 0.58
4XQDK7	8.52	0.48 2.66 -0.08	0.87 0.58 0.38	6.33	0.38 1.80 -0.49	0.16 0.58 0.04	8.00	0.19 0.44 1.00	0.00 0.00 0.11	4.67	0.46 1.82 -0.34	1.44 0.58 0.14	94.33	0.47 9.00 -0.09	0.23 0.58 0.28
32WJM7	19.67	-0.44 0.00 0.00	0.25 1.73 1.15	2.17	-2.37 -0.36 -1.72	0.15 0.11 0.39	9.87	2.30 -0.23 -0.53	0.15 0.37 0.50	1.53	-1.32 -0.31 -1.23	0.06 0.82 0.33	83.60	-1.73 -0.15 -2.88	0.70 1.13 2.86
QUDDLH	16.57	0.00 0.00 -0.82	1.73 1.15 0.48	2.82	-0.36 -1.72 1.89	0.11 0.39 0.11	7.04	-0.53 -1.18 -2.73	0.50 0.09 0.12	1.63	-1.23 3.90 15.22	0.33 1.64 0.66	82.45	-2.88 -1.91 -37.03	2.86 0.38 0.95
M8UYGL	17.00	-4.57 -0.02 -0.09	0.32 0.95 0.63	13.57	9.03 0.36 1.70	0.40 0.04 0.13	4.83	-2.73 0.76 1.75	0.12 0.16 0.22	18.07	15.22 0.23 0.92	0.66 0.77 0.31	48.30	-0.04 -0.76 -0.26	0.71 1.80 0.75
QB3B2R	12.43	0.45 -0.82 -4.57	1.19 0.48 0.32	8.32	0.79 1.89 9.03	0.08 0.11 0.40	7.37	-0.08 -1.18 -2.73	0.23 0.09 0.12	5.49	0.68 3.90 15.22	0.21 1.64 0.66	80.37	-0.26 -1.91 -37.03	0.75 0.38 0.95
BL7NF7	16.92	-0.09 0.45 2.50	0.63 1.19 0.79	6.23	1.70 0.79 3.78	0.13 0.08 0.28	9.32	1.75 -0.08 -0.19	0.22 0.23 0.32	3.77	0.92 0.68 2.64	0.31 0.21 0.08	84.57	-0.76 -0.26 -4.96	1.80 0.75 1.91
ZEMHEH	19.50														



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>XX43YG</b>	<b>21.13</b>	0.74	2.30	<b>8.57</b>	0.84	0.13	<b>8.45</b>	0.38	0.54	<b>6.10</b>	0.83	2.25	<b>95.23</b>	0.51	1.97
		4.13	1.53		4.03	0.47		0.88	0.74		3.25	0.90		9.90	4.99
<b>89DUG9</b>	<b>24.79</b>	1.40	0.16	<b>13.13</b>	1.80	0.05	<b>9.76</b>	0.95	0.10	<b>13.48</b>	2.72	0.35	<b>105.01</b>	1.02	0.04
		7.78	0.11		8.60	0.17		2.20	0.13		10.63	0.14		19.67	0.10
<b>RKW4MM</b>	<b>14.87</b>	-0.38	1.80	<b>3.27</b>	-0.26	0.14	<b>7.93</b>	0.16	0.41	<b>1.53</b>	-0.34	0.88	<b>79.83</b>	-0.28	1.83
		-2.14	1.20		-1.27	0.50		0.37	0.55		-1.32	0.35		-5.50	4.65
<b>CZ7M44</b>	<b>15.67</b>	-0.24	0.87	<b>2.50</b>	-0.43	0.05	<b>7.23</b>	-0.14	0.04	<b>1.93</b>	-0.24	0.63	<b>85.33</b>	0.00	3.06
		-1.34	0.58		-2.03	0.17		-0.33	0.06		-0.92	0.25		0.00	7.77
<b>PAPEWM</b>	<b>16.00</b>	-0.18	1.50	<b>5.00</b>	0.10		<b>8.33</b>	0.33	0.43	<b>3.33</b>	0.12	1.44	<b>88.00</b>	0.14	1.58
		-1.00	1.00		0.47	0.00		0.77	0.58		0.48	0.58		2.67	4.00
<b>8QG8D6</b>	<b>9.56</b>	-1.34	0.02	<b>2.95</b>	-0.33	0.01	<b>2.74</b>	-2.09	0.01	<b>3.84</b>	0.25	0.03	<b>50.18</b>	-1.82	0.41
		-7.44	0.01		-1.58	0.03		-4.82	0.01		0.99	0.01		-35.15	1.04
<b>4PWGDA</b>	<b>18.50</b>	0.27		<b>6.54</b>	0.42		<b>5.91</b>	-0.72		<b>5.01</b>	0.55		<b>96.20</b>	0.56	
		1.50	0.00		2.01	0.00		-1.65	0.00		2.16	0.00		10.87	0.00
<b>TPMZPJ</b>	<b>25.05</b>	1.44	1.16	<b>2.65</b>	-0.39	0.18	<b>7.18</b>	-0.17	0.65	<b>1.04</b>	-0.46	0.20	<b>91.94</b>	0.34	0.40
		8.04	0.77		-1.89	0.65		-0.38	0.88		-1.81	0.08		6.61	1.01
<b>6YCNP4</b>	<b>15.07</b>	-0.35	0.48	<b>1.23</b>	-0.69	0.02	<b>6.00</b>	-0.68	0.07	<b>0.93</b>	-0.49	0.52	<b>89.93</b>	0.24	1.30
		-1.94	0.32		-3.30	0.06		-1.56	0.10		-1.92	0.21		4.60	3.29
<b>NT8YFL</b>	<b>14.59</b>	-0.43		<b>2.09</b>	-0.51		<b>5.60</b>	-0.85		<b>1.53</b>	-0.34		<b>74.09</b>	-0.58	
		-2.41	0.00		-2.44	0.00		-1.96	0.00		-1.32	0.00		-11.24	0.00
<b>Q77MKK</b>	<b>26.07</b>	1.63		<b>12.02</b>	1.56		<b>8.54</b>	0.42		<b>9.85</b>	1.79		<b>127.18</b>	2.16	
		9.07	0.00		7.49	0.00		0.98	0.00		7.00	0.00		41.85	0.00
<b>ALBLDW</b>	<b>24.81</b>	1.40	0.59	<b>13.10</b>	1.79	0.05	<b>7.56</b>	0.00	0.09	<b>10.95</b>	2.08	0.94	<b>103.17</b>	0.92	0.73
		7.81	0.39		8.56	0.19		0.00	0.12		8.10	0.37		17.83	1.86
<b>WN9D4A</b>	<b>0.07</b>	-3.04		<b>17.50</b>	2.71	5.71	<b>12.62</b>	2.19	5.47	<b>2.85</b>	0.00	0.69	<b>74.10</b>	-0.58	
		-16.94	0.00		12.97	20.30		5.06	7.41		0.00	0.28		-11.23	0.00
<b>Grand Median</b>		17.0			4.53			7.56			2.85			85.3	
<b>Median Abs Dev</b>		2.4			2.07			1.14			1.36			6.6	
<b>Avg Within Lab SD</b>		0.7			3.55			1.36			0.40			2.5	
<b>Labs Included</b>		33			33			33			33			33	
<b>Labs Reporting</b>		33			33			33			33			33	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Fe - DTPA (SubTestCode 171)		in the Micronutrients Property Groups										Data units: mg/kg			
	SRSSRS1511	SRSSRS1512	SRSSRS1513	SRSSRS1514	SRSSRS1515										
NRW8AP	82.6	-0.5 -24.1 1.0	0.1	9.8	-0.9 -4.9 0.1	0.1	8.3	-0.4 -3.6 0.4	0.0	9.8	-0.7 -5.0 0.1	0.0	35.8	-1.0 -15.7 0.6	0.3
6WAFT7	86.7	-0.4 -20.0 1.5	0.2	11.0	-0.7 -3.7 0.0	0.0	6.3	-0.7 -5.6 0.6	0.1	12.3	-0.4 -2.4 0.3	0.2	43.7	-0.5 -7.8 0.3	0.2
FQP3HU	122.6	0.3 15.9 3.0	0.4	14.6	0.0 -0.1 1.0	0.5	12.5	0.1 0.6 2.2	0.2	13.4	-0.2 -1.3 1.2	1.0	52.7	0.1 1.2 1.5	0.8
C47NEY	163.8	1.1 57.1 8.7	1.1	17.1	0.4 2.4 3.1	1.5	20.0	0.9 8.0 3.5	0.3	21.1	0.9 6.3 3.7	3.0	60.9	0.6 9.4 1.7	0.9
7WA3K4	110.5	0.1 3.8 5.2	0.7	13.4	-0.3 -1.4 0.5	0.3	11.4	-0.1 -0.6 0.7	0.1	14.4	0.0 -0.3 0.4	0.3	43.1	-0.5 -8.4 0.9	0.5
VJYMAG	156.1	1.0 49.5 11.0	1.4	6.9	-1.5 -7.8 0.5	0.3	16.5	0.5 4.5 5.7	0.5	12.2	-0.4 -2.5 1.5	1.2	35.3	-1.0 -16.2 1.7	1.0
4RZ3B8	116.3	0.2 9.6 9.7	1.2	14.1	-0.1 -0.7 1.0	0.5	14.8	0.3 2.8 2.5	0.2	14.8	0.0 0.0 0.7	0.5	53.5	0.1 2.0 0.8	0.4
C4PRLY	83.5	-0.5 -23.2 5.0	0.6	12.9	-0.3 -1.9 1.3	0.6	9.4	-0.3 -2.6 0.3	0.0	12.0	-0.4 -2.8 0.7	0.5	39.2	-0.8 -12.3 3.6	2.0
477W66	56.7	-1.0 -50.0 1.5	0.2	11.0	-0.7 -3.7 1.0	0.5	17.3	0.6 5.4 0.6	0.1	11.3	-0.5 -3.4 0.6	0.5	38.7	-0.8 -12.8 1.5	0.9
CE8C7V	105.3	0.0 -1.3 8.0	1.0	15.3	0.1 0.6 1.5	0.7	11.0	-0.1 -1.0 1.0	0.1	15.7	0.1 0.9 2.1	1.7	50.3	-0.1 -1.2 2.5	1.4
DZKJUJ	107.7	0.0 1.0 2.5	0.3	17.0	0.4 2.3 1.0	0.5	14.0	0.2 2.1 1.7	0.2	15.3	0.1 0.6 0.6	0.5	44.3	-0.5 -7.2 1.2	0.6
JR9FBN	185.0	1.6 78.3 10.9	1.4	26.2	2.2 11.4 0.8	0.4	15.3	0.4 3.3 0.6	0.1	28.7	2.1 13.9 2.9	2.3	73.8	1.4 22.3 0.8	0.4
8NA3L2	158.7	1.0 52.0 2.5	0.3	18.0	0.6 3.2 0.7	0.3	17.9	0.7 6.0 1.5	0.1	25.3	1.6 10.6 0.4	0.3	59.8	0.5 8.3 0.5	0.3
4XQDK7	43.5	-1.3 -63.1 0.5	0.1	9.3	-1.0 -5.4 0.1	0.1	7.6	-0.5 -4.4 2.2	0.2	8.0	-1.0 -6.7 0.1	0.1	40.1	-0.7 -11.4 0.2	0.1
32WJM7	141.0	0.7 34.3 1.0	0.1	17.7	0.6 2.9 0.6	0.3	14.0	0.2 2.0 0.0	0.3	18.3	0.5 3.6 0.6	0.5	70.7	1.2 19.2 2.5	1.4
QUDDLH	89.1	-0.3 -17.6 1.4	0.2	11.4	-0.6 -3.3 0.7	0.4	11.7	0.0 -0.3 1.3	0.1	11.5	-0.5 -3.2 0.3	0.2	44.4	-0.4 -7.1 1.0	0.5
M8UYGL	115.2	0.2 8.6 13.5	1.7	13.6	-0.2 -1.2 1.5	0.7	11.5	-0.1 -0.5 2.0	0.2	14.2	-0.1 -0.5 1.2	1.0	60.5	0.6 9.0 2.2	1.2
QB3B2R	96.0	-0.2 -10.7 7.2	0.9	16.9	0.4 2.2 0.3	0.1	9.8	-0.3 -2.2 0.5	0.0	20.0	0.8 5.3 0.6	0.5	48.4	-0.2 -3.1 0.6	0.3
BL7NF7	101.3	-0.1 -5.3 2.1	0.3	14.8	0.0 0.1 0.6	0.3	12.2	0.0 0.3 1.0	0.1	12.2	-0.4 -2.5 1.0	0.8	55.4	0.2 3.9 1.3	0.7
ZEMHEH	103.0	-0.1 -3.6 4.6	0.6	15.2	0.1 0.4 1.2	0.6	11.0	-0.1 -1.0 2.4	0.2	14.7	0.0 0.0 2.0	1.6	54.6	0.2 3.1 1.6	0.9



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>XX43YG</b>	<b>180.9</b>	1.5	1.8	<b>20.5</b>	1.1	0.9	<b>15.0</b>	0.3	0.2	<b>22.2</b>	1.1	1.1	<b>63.5</b>	0.8	3.2
		74.3	14.5		5.7	1.9		3.0	1.7		7.5	1.4		12.0	5.7
<b>89DUG9</b>	<b>163.4</b>	1.1	0.1	<b>24.0</b>	1.8	0.0	<b>13.5</b>	0.2	0.0	<b>31.7</b>	2.5	0.1	<b>74.0</b>	1.4	0.1
		56.7	0.6		9.3	0.1		1.5	0.4		16.9	0.2		22.5	0.2
<b>RKW4MM</b>	<b>92.1</b>	-0.3	1.0	<b>12.0</b>	-0.5	0.8	<b>11.7</b>	0.0	0.2	<b>10.8</b>	-0.6	1.5	<b>38.3</b>	-0.8	0.5
		-14.6	7.9		-2.7	1.7		-0.3	1.8		-3.9	1.9		-13.2	0.9
<b>CZ7M44</b>	<b>105.7</b>	0.0	1.6	<b>13.7</b>	-0.2	0.3	<b>18.7</b>	0.8	0.4	<b>15.3</b>	0.1	0.9	<b>47.3</b>	-0.3	0.6
		-1.0	12.4		-1.1	0.6		6.7	4.6		0.6	1.2		-4.2	1.2
<b>PAPEWM</b>	<b>98.0</b>	-0.2		<b>13.7</b>	-0.2	0.7	<b>10.7</b>	-0.2	0.1	<b>11.0</b>	-0.5	0.8	<b>52.7</b>	0.1	1.4
		-8.7	0.0		-1.1	1.5		-1.3	0.6		-3.7	1.0		1.2	2.5
<b>KMCVXR</b>	<b>152.9</b>	0.9		<b>17.6</b>	0.5		<b>11.0</b>	-0.1		<b>20.7</b>	0.9		<b>58.9</b>	0.5	
		46.2	0.0		2.9	0.0		-1.0	0.0		6.0	0.0		7.4	0.0
<b>8QG8D6</b>	<b>45.0</b>	-1.2	0.0	<b>3.6</b>	-2.1	0.1	<b>1.4</b>	-1.2	0.0	<b>5.8</b>	-1.3	0.1	<b>21.5</b>	-1.9	0.0
		-61.7	0.0		-11.1	0.1		-10.6	0.0		-9.0	0.1		-30.0	0.0
<b>4PWGDA</b>	<b>123.0</b>	0.3		<b>16.3</b>	0.3		<b>9.8</b>	-0.3		<b>17.3</b>	0.4		<b>62.9</b>	0.7	
		16.3	0.0		1.6	0.0		-2.2	0.0		2.6	0.0		11.4	0.0
<b>TPMZPJ</b>	<b>231.9</b>	2.5	3.3	<b>24.9</b>	1.9	1.8	<b>72.0</b>	7.0	0.9	<b>23.0</b>	1.2	1.2	<b>73.1</b>	1.4	0.5
		125.3	26.2		10.2	3.6		60.0	9.7		8.3	1.5		21.6	0.9
<b>6YCNP4</b>	<b>89.0</b>	-0.4	2.0	<b>10.3</b>	-0.8	0.3	<b>7.0</b>	-0.6	0.1	<b>11.0</b>	-0.5	0.8	<b>47.7</b>	-0.2	1.8
		-17.7	15.7		-4.4	0.6		-5.0	1.0		-3.7	1.0		-3.8	3.2
<b>NT8YFL</b>	<b>172.6</b>	1.3		<b>13.6</b>	-0.2		<b>18.1</b>	0.7		<b>25.1</b>	1.5		<b>29.2</b>	-1.4	
		65.9	0.0		-1.2	0.0		6.1	0.0		10.3	0.0		-22.4	0.0
<b>Q77MKK</b>	<b>134.2</b>	0.5		<b>17.2</b>	0.5		<b>9.7</b>	-0.3		<b>19.7</b>	0.7		<b>62.1</b>	0.7	
		27.6	0.0		2.4	0.0		-2.3	0.0		5.0	0.0		10.6	0.0
<b>ALBLDW</b>	<b>105.4</b>	0.0	0.2	<b>18.1</b>	0.6	0.0	<b>14.6</b>	0.3	0.2	<b>20.3</b>	0.8	0.5	<b>68.8</b>	1.1	1.3
		-1.3	2.0		3.4	0.1		2.6	1.7		5.6	0.6		17.3	2.3
<b>WN9D4A</b>	<b>0.1</b>	-2.1		<b>19.6</b>	0.9	4.8	<b>50.8</b>	4.5	5.7	<b>14.5</b>	0.0	1.2	<b>48.6</b>	-0.2	
		-106.5	0.0		4.9	9.8		38.8	60.7		-0.2	1.5		-2.9	0.0
<b>Grand Median</b>		106.7			14.7			12.0			14.7			51.5	
<b>Median Abs Dev</b>		21.6			2.8			2.6			3.7			9.2	
<b>Avg Within Lab SD</b>		8.0			2.0			10.7			1.2			1.8	
<b>Labs Included</b>		34			34			34			34			34	
<b>Labs Reporting</b>		34			34			34			34			34	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Cu - DTPA (SubTestCode 172) in the Micronutrients Property Groups																
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			Data units: mg/kg
NRW8AP	1.10	0.00	0.07	0.42	-0.74	0.12	0.15	0.22	0.18	0.41	-0.37	0.01	1.09	-0.50	0.03	
		0.00	0.01		-0.13	0.01		0.02	0.02		-0.06	0.00		-0.18	0.00	
6WAFT7	0.96	-0.35	0.26	0.44	-0.59	0.03	0.07	-0.55	0.02	0.46	-0.06	0.04	1.28	0.01	0.04	
		-0.14	0.03		-0.11	0.00		-0.06	0.00		-0.01	0.00		0.01	0.01	
FQP3HU	1.32	0.55	0.51	0.50	-0.29	0.17	0.15	0.27	0.04	0.47	0.01	0.20	1.33	0.16	1.27	
		0.22	0.06		-0.05	0.02		0.03	0.00		0.00	0.02		0.06	0.17	
C47NEY	1.48	0.94	2.11	0.52	-0.19	0.74	0.13	0.01	0.07	0.45	-0.14	0.41	1.50	0.63	1.00	
		0.37	0.23		-0.04	0.08		0.00	0.01		-0.02	0.03		0.23	0.13	
7WA3K4	1.16	0.16	0.40	0.55	0.01	0.04	0.20	0.75	0.11	0.55	0.47	0.02	0.89	-1.04	0.86	
		0.06	0.04		0.00	0.00		0.08	0.01		0.08	0.00		-0.38	0.11	
VJYMAG	1.17	0.18	0.68	0.55	-0.01	0.30	0.09	-0.34	0.04	0.49	0.10	0.60	1.40	0.35	0.11	
		0.07	0.08		0.00	0.03		-0.03	0.01		0.02	0.05		0.13	0.01	
4RZ3B8	1.03	-0.17	1.38	0.47	-0.46	0.53	0.10	-0.27	0.00	0.37	-0.60	0.72	1.17	-0.29	0.88	
		-0.07	0.15		-0.08	0.06		-0.03	0.00		-0.10	0.06		-0.11	0.12	
C4PRLY	0.86	-0.60	0.54	0.42	-0.70	0.89	0.12	-0.10	0.12	0.36	-0.64	0.66	1.21	-0.18	1.39	
		-0.24	0.06		-0.13	0.10		-0.01	0.02		-0.11	0.05		-0.07	0.18	
477W66	0.67	-1.09	0.52	0.47	-0.46	0.53	0.10	-0.27	0.00	0.40	-0.41	0.00	1.00	-0.74		
		-0.44	0.06		-0.08	0.06		-0.03	0.00		-0.07	0.00		-0.27	0.00	
CE8C7V	1.18	0.20	0.67	0.58	0.19	0.38	0.10	-0.31	0.11	0.52	0.29	0.48	1.30	0.09	0.40	
		0.08	0.07		0.03	0.04		-0.03	0.01		0.05	0.04		0.03	0.05	
DZKJUJ	1.02	-0.21	0.26	0.43	-0.64	0.53	0.10	-0.23	0.04	0.40	-0.41	0.00	1.18	-0.24	0.22	
		-0.09	0.03		-0.12	0.06		-0.02	0.01		-0.07	0.00		-0.09	0.03	
JR9FBN	1.61	1.26	0.32	0.79	1.30	1.24	0.17	0.40	0.12	0.85	2.18	0.44	2.04	2.10	1.50	
		0.50	0.04		0.24	0.14		0.04	0.02		0.38	0.04		0.77	0.20	
8NA3L2	1.30	0.49	0.05	0.57	0.13	0.14	0.13	0.00	0.24	0.58	0.64	0.14	1.40	0.34	0.12	
		0.19	0.01		0.02	0.02		0.00	0.03		0.11	0.01		0.13	0.02	
4XQDK7	0.44	-1.64	0.14	0.33	-1.23	0.19	0.05	-0.80	0.22	0.26	-1.23	0.07	1.06	-0.57	0.12	
		-0.66	0.02		-0.22	0.02		-0.08	0.03		-0.21	0.01		-0.21	0.02	
32WJM7	1.41	0.77	0.39	0.61	0.31	0.23	0.13	0.07	0.09	0.59	0.68	0.12	1.64	1.00	0.43	
		0.31	0.04		0.06	0.03		0.01	0.01		0.12	0.01		0.37	0.06	
QUDDLH	0.93	-0.42	0.52	0.40	-0.83	0.00	0.10	-0.27	0.00	0.37	-0.60	0.72	1.17	-0.29	0.44	
		-0.17	0.06		-0.15	0.00		-0.03	0.00		-0.10	0.06		-0.11	0.06	
M8UYGL	1.11	0.02	0.36	0.62	0.36	0.52	0.15	0.20	0.29	0.48	0.07	0.31	0.83	-1.21	0.58	
		0.01	0.04		0.07	0.06		0.02	0.04		0.01	0.03		-0.44	0.08	
QB3B2R	0.67	-1.09	0.52	0.37	-1.01	0.53	0.06	-0.63	0.09	0.38	-0.54	0.38	0.76	-1.41	0.43	
		-0.44	0.06		-0.18	0.06		-0.06	0.01		-0.09	0.03		-0.52	0.06	
BL7NF7	0.73	-0.92	0.05	0.37	-1.01	0.16	0.08	-0.48	0.08	0.26	-1.18	0.36	0.93	-0.92	0.31	
		-0.37	0.01		-0.18	0.02		-0.05	0.01		-0.21	0.03		-0.34	0.04	
ZEMHEH	1.70	1.49	4.38	1.21	3.60	4.06	0.71	5.81	2.77	1.09	3.56	5.24	1.85	1.58	3.98	
		0.60	0.49		0.65	0.44		0.58	0.36		0.62	0.42		0.58	0.52	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD
<b>XX43YG</b>	<b>1.43</b>	0.83	0.54	<b>0.69</b>	0.75	0.38	<b>0.13</b>	0.00	0.24	<b>0.54</b>	0.41	0.36	<b>1.55</b>	0.76	0.68
		0.33	0.06		0.14	0.04		0.00	0.03		0.07	0.03		0.28	0.09
<b>89DUG9</b>	<b>1.49</b>	0.96	0.05	<b>0.74</b>	1.06	0.05	<b>0.13</b>	0.00	0.04	<b>0.80</b>	1.90	0.07	<b>1.81</b>	1.47	0.08
		0.38	0.01		0.19	0.01		0.00	0.01		0.33	0.01		0.54	0.01
<b>RKW4MM</b>	<b>0.87</b>	-0.59	1.04	<b>0.40</b>	-0.83	0.00	<b>0.23</b>	1.07	0.45	<b>0.47</b>	-0.03	0.72	<b>1.00</b>	-0.74	0.76
		-0.24	0.12		-0.15	0.00		0.11	0.06		0.00	0.06		-0.27	0.10
<b>CZ7M44</b>	<b>0.98</b>	-0.31	0.36	<b>0.55</b>	0.02	0.52	<b>0.10</b>	-0.25	0.13	<b>0.52</b>	0.26	0.75	<b>1.27</b>	-0.01	0.44
		-0.13	0.04		0.00	0.06		-0.02	0.02		0.05	0.06		-0.01	0.06
<b>PAPEWM</b>	<b>1.13</b>	0.08	0.52	<b>0.60</b>	0.27	0.00	<b>0.40</b>	2.73	0.00	<b>0.50</b>	0.16		<b>1.30</b>	0.08	0.76
		0.03	0.06		0.05	0.00		0.27	0.00		0.03	0.00		0.03	0.10
<b>8QG8D6</b>	<b>0.49</b>	-1.53	0.02	<b>0.16</b>	-2.13	0.04				<b>0.24</b>	-1.35	0.07	<b>0.64</b>	-1.72	0.02
		-0.61	0.00		-0.39	0.00					-0.24	0.01		-0.63	0.00
<b>4PWGDA</b>	<b>1.10</b>	0.00	0.00	<b>0.49</b>	-0.33		<b>0.11</b>	-0.17		<b>0.47</b>	-0.01		<b>1.34</b>	0.19	
		0.00	0.00		-0.06	0.00		-0.02	0.00		0.00	0.00		0.07	0.00
<b>TPMZPJ</b>	<b>0.92</b>	-0.47	1.24	<b>0.65</b>	0.52	0.43	<b>0.14</b>	0.13	0.40	<b>0.58</b>	0.60	0.04	<b>1.65</b>	1.03	0.08
		-0.19	0.14		0.10	0.05		0.01	0.05		0.10	0.00		0.38	0.01
<b>6YCNP4</b>	<b>0.80</b>	-0.75	0.00	<b>0.67</b>	0.64	2.65	<b>0.13</b>	0.07	0.45	<b>0.30</b>	-0.98	0.00	<b>1.27</b>	-0.01	0.44
		-0.30	0.00		0.12	0.29		0.01	0.06		-0.17	0.00		-0.01	0.06
<b>NT8YFL</b>	<b>3.64</b>	6.34		<b>2.52</b>	10.83		<b>1.31</b>	11.82		<b>2.83</b>	13.49		<b>3.48</b>	6.03	
		2.54	0.00		1.97	0.00		1.18	0.00		2.36	0.00		2.21	0.00
<b>Q77MCK</b>	<b>1.32</b>	0.55		<b>0.59</b>	0.22		<b>0.10</b>	-0.27		<b>0.60</b>	0.74		<b>1.68</b>	1.11	
		0.22	0.00		0.04	0.00		-0.03	0.00		0.13	0.00		0.41	0.00
<b>ALBLDW</b>	<b>1.25</b>	0.37	0.41	<b>0.63</b>	0.45	0.22	<b>0.18</b>	0.56	0.16	<b>0.60</b>	0.76	0.55	<b>1.51</b>	0.64	2.14
		0.15	0.04		0.08	0.02		0.06	0.02		0.13	0.04		0.23	0.28
<b>WN9D4A</b>	<b>0.06</b>	-2.60		<b>0.60</b>	0.30	1.76	<b>0.50</b>	3.70	4.73	<b>0.43</b>	-0.23	0.42	<b>1.21</b>	-0.17	
		-1.04	0.00		0.05	0.19		0.37	0.61		-0.04	0.03		-0.06	0.00
<b>Grand Median</b>		1.10			0.55			0.13			0.47			1.27	
<b>Median Abs Dev</b>		0.22			0.09			0.03			0.09			0.22	
<b>Avg Within Lab SD</b>		0.11			0.11			0.13			0.08			0.13	
<b>Labs Included</b>		32			32			31			32			32	
<b>Labs Reporting</b>		32			32			31			32			32	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Zn - HCl (SubTestCode 173)	in the Micronutrients Property Groups										Data units: mg/kg
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515		
<b>QB3B2R</b>	<b>2.27</b>	0.77	<b>2.64</b>	0.75	<b>1.52</b>	0.44	<b>25.83</b>	0.15	<b>1.43</b>	0.85	
		0.06		0.05		0.03		0.25		0.06	
<b>89DUG9</b>	<b>2.00</b>	0.99	<b>3.05</b>	1.28	<b>1.37</b>	0.16	<b>28.93</b>	0.57	<b>1.74</b>	0.37	
		0.08		0.08		0.01		0.96		0.03	
<b>B63RJ3</b>	<b>1.40</b>	1.19	<b>2.37</b>	0.88	<b>1.27</b>	1.67	<b>22.83</b>	1.63	<b>1.10</b>	1.46	
		0.10		0.06		0.12		2.75		0.10	
<b>Grand Median</b>		2.00		2.64		1.37		25.8		1.43	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>		0.08		0.07		0.07		1.7		0.07	
<b>Labs Included</b>		3		3		3		3		3	
<b>Labs Reporting</b>		3		3		3		3		3	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mn-H3PO4 (SubTestCode 174)	in the Micronutrients Property Groups										Data units: mg/kg
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515		
<b>B63RJ3</b>	<b>11.33</b>	1.00 2.52	<b>3.00</b>	0.00	<b>10.33</b>	1.00 2.08	<b>3.67</b>	1.00 0.58	<b>36.33</b>	1.00 4.73	
<b>Grand Median</b>	11.3		3.00		10.3		3.67		36.3		
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	2.5		0.00		2.1		0.58		4.7		
<b>Labs Included</b>	1		1		1		1		1		
<b>Labs Reporting</b>	1		1		1		1		1		





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

CI - Ca(NO3)2 Extr. (SubTestCode 175)															
in the Micronutrients Property Groups															
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
	Data units: mg/kg														
<b>6WAFI7</b>	<b>4.70</b>	0.06	0.00	<b>7.07</b>	0.04	0.07	<b>6.60</b>	-0.09	0.00	<b>4.70</b>	0.95	0.00	<b>4.00</b>	0.10	
		0.37	0.00		0.19	0.06		-0.22	0.00		1.88	0.00		0.21 0.00	
<b>C47NEY</b>	<b>4.90</b>	0.09	0.46	<b>6.68</b>	-0.04	0.49	<b>7.38</b>	0.23	0.32	<b>2.75</b>	-0.04	0.44	<b>2.44</b>	-0.68 0.14	
		0.56	0.27		-0.19	0.38		0.56	0.49		-0.08	0.29		-1.36 0.11	
<b>7WA3K4</b>	<b>9.44</b>	0.82	0.66	<b>9.15</b>	0.44	0.49	<b>7.05</b>	0.09	0.10	<b>5.40</b>	1.31	0.13	<b>5.80</b>	1.00 0.82	
		5.11	0.39		2.28	0.37		0.22	0.15		2.57	0.09		2.01 0.64	
<b>4RZ3B8</b>	<b>3.91</b>	-0.07	0.98	<b>5.62</b>	-0.24	1.27	<b>6.57</b>	-0.11	0.84	<b>3.36</b>	0.27	1.98	<b>3.79</b>	0.00 2.47	
		-0.42	0.58		-1.26	0.98		-0.25	1.27		0.54	1.31		0.00 1.93	
<b>DZKJUJ</b>	<b>2.67</b>	-0.27	0.49	<b>4.67</b>	-0.42	0.75	<b>5.33</b>	-0.62	0.38	<b>1.50</b>	-0.67		<b>2.00</b>	-0.90	
		-1.67	0.29		-2.21	0.58		-1.49	0.58		-1.32	0.00		-1.79 0.00	
<b>QUDDLH</b>	<b>3.97</b>	-0.06	0.26	<b>5.87</b>	-0.19	0.61	<b>5.27</b>	-0.65	0.10	<b>1.97</b>	-0.44	0.09	<b>1.85</b>	-0.98 0.29	
		-0.37	0.15		-1.01	0.47		-1.56	0.15		-0.86	0.06		-1.95 0.22	
<b>UB76AM</b>	<b>20.93</b>	2.65	0.86	<b>13.33</b>	1.24	0.30	<b>8.23</b>	0.59	0.69	<b>2.90</b>	0.04	0.45	<b>6.70</b>	1.46 0.26	
		16.60	0.50		6.46	0.23		1.41	1.05		0.08	0.30		2.91 0.20	
<b>CZ7M44</b>	<b>3.90</b>	-0.07	0.62	<b>4.97</b>	-0.37	0.07	<b>12.00</b>	2.17	0.66	<b>2.70</b>	-0.06	0.15	<b>2.80</b>	-0.50 0.46	
		-0.43	0.36		-1.91	0.06		5.18	1.00		-0.12	0.10		-0.99 0.36	
<b>4PWGDA</b>	<b>3.40</b>	-0.15		<b>7.50</b>	0.12		<b>4.80</b>	-0.85		<b>2.30</b>	-0.27				
		-0.93	0.00		0.63	0.00		-2.02	0.00		-0.52	0.00			
<b>TPMZPJ</b>	<b>20.06</b>	2.51	2.64	<b>25.84</b>	3.65	2.62	<b>10.00</b>	1.33	2.85	<b>8.11</b>	2.69	2.37	<b>4.70</b>	0.45 0.91	
		15.72	1.54		18.97	2.02		3.18	4.31		5.29	1.56		0.91 0.71	
<b>Grand Median</b>		4.33		6.87			6.82			2.82			3.79		
<b>Median Abs Dev</b>		0.75		1.58			1.45			0.70			1.36		
<b>Avg Within Lab SD</b>		0.59		0.77			1.51			0.66			0.78		
<b>Labs Included</b>		10		10			10			10			9		
<b>Labs Reporting</b>		10		10			10			10			9		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

B - Hot Wat. (SubTestCode 176)	in the Micronutrients Property Groups															Data units: mg/kg
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>C47NEY</b>	<b>0.47</b>	2.45	1.03	<b>0.75</b>	0.61	0.89	<b>0.61</b>	2.80	1.97	<b>1.06</b>	0.88	0.87	<b>0.81</b>	2.05	1.00	
		0.21	0.05		0.09	0.06		0.39	0.07		0.20	0.07		0.33	0.04	
<b>7WA3K4</b>	<b>0.33</b>	0.83	0.12	<b>0.55</b>	-0.71	0.14	<b>0.28</b>	0.41	0.06	<b>0.87</b>	0.02	0.07	<b>0.33</b>	-0.98	0.47	
		0.07	0.01		-0.10	0.01		0.06	0.00		0.01	0.01		-0.16	0.02	
<b>VJYMAG</b>	<b>0.18</b>	-0.81	1.05	<b>0.55</b>	-0.74	3.28	<b>0.17</b>	-0.38	0.42	<b>0.80</b>	-0.28	2.01	<b>0.43</b>	-0.33	2.13	
		-0.07	0.05		-0.11	0.21		-0.05	0.01		-0.06	0.16		-0.05	0.09	
<b>382E77</b>	<b>0.28</b>	0.26	0.21	<b>0.75</b>	0.66	0.18	<b>0.22</b>	0.00	0.22	<b>0.99</b>	0.55	0.27	<b>0.49</b>	0.01	0.21	
		0.02	0.01		0.10	0.01		0.00	0.01		0.12	0.02		0.00	0.01	
<b>KZGFYV</b>	<b>0.23</b>	-0.31	0.35	<b>0.66</b>	0.00	0.63	<b>0.14</b>	-0.59	0.89	<b>0.69</b>	-0.79	0.45	<b>0.68</b>	1.22	1.37	
		-0.03	0.02		0.00	0.04		-0.08	0.03		-0.18	0.04		0.19	0.06	
<b>3D69EG</b>	<b>0.28</b>	0.26	0.35	<b>0.72</b>	0.41	0.32	<b>0.87</b>	4.74	1.65	<b>0.93</b>	0.30	0.47	<b>0.68</b>	1.26	0.14	
		0.02	0.02		0.06	0.02		0.65	0.06		0.07	0.04		0.20	0.01	
<b>BL7NF7</b>	<b>0.24</b>	-0.15	0.09	<b>0.57</b>	-0.58	0.07	<b>0.25</b>	0.21	0.50	<b>0.63</b>	-1.04	0.30	<b>0.44</b>	-0.29	0.25	
		-0.01	0.00		-0.08	0.00		0.03	0.02		-0.23	0.02		-0.05	0.01	
<b>XX43YG</b>	<b>0.32</b>	0.77	1.18	<b>0.65</b>	-0.02	0.39	<b>0.28</b>	0.47	1.02	<b>0.72</b>	-0.66	1.59	<b>0.51</b>	0.19	1.23	
		0.07	0.05		0.00	0.03		0.06	0.04		-0.15	0.12		0.03	0.05	
<b>2Y8W7C</b>	<b>0.25</b>	0.00	0.19	<b>0.68</b>	0.13	0.28	<b>0.20</b>	-0.11	0.12	<b>0.88</b>	0.06	0.60	<b>0.46</b>	-0.18	0.27	
		0.00	0.01		0.02	0.02		-0.01	0.00		0.01	0.05		-0.03	0.01	
<b>B28ZB7</b>	<b>0.25</b>	0.00	0.42	<b>0.74</b>	0.57	0.18	<b>0.20</b>	-0.10	0.33	<b>0.99</b>	0.55	0.38	<b>0.46</b>	-0.17	0.72	
		0.00	0.02		0.08	0.01		-0.01	0.01		0.12	0.03		-0.03	0.03	
<b>89DUG9</b>	<b>0.47</b>	2.54	0.37	<b>0.94</b>	1.92	0.60	<b>0.33</b>	0.78	0.43	<b>1.34</b>	2.14	0.56	<b>0.74</b>	1.64	0.59	
		0.22	0.02		0.28	0.04		0.11	0.01		0.48	0.04		0.26	0.02	
<b>PAPEWM</b>	<b>0.23</b>	-0.24	1.32	<b>0.63</b>	-0.16	0.90	<b>0.30</b>	0.59	0.00	<b>0.80</b>	-0.28	0.00	<b>0.33</b>	-0.94	1.44	
		-0.02	0.06		-0.02	0.06		0.08	0.00		-0.06	0.00		-0.15	0.06	
<b>XKF48E</b>	<b>0.18</b>	-0.81	2.63	<b>0.63</b>	-0.16	0.45	<b>0.18</b>	-0.26	0.84	<b>0.82</b>	-0.21	0.37	<b>0.48</b>	0.00	0.72	
		-0.07	0.12		-0.02	0.03		-0.04	0.03		-0.05	0.03		0.00	0.03	
<b>F668JV</b>	<b>0.23</b>	-0.25	1.10	<b>0.71</b>	0.38	0.61	<b>0.21</b>	-0.04	0.35	<b>0.86</b>	0.00	2.24	<b>0.49</b>	0.03	0.60	
		-0.02	0.05		0.06	0.04		-0.01	0.01		0.00	0.17		0.00	0.02	
<b>FWELDX</b>	<b>0.24</b>	-0.16	1.78	<b>0.66</b>	0.00	0.09	<b>0.13</b>	-0.67	0.67	<b>0.86</b>	0.00	1.04	<b>0.45</b>	-0.19	0.52	
		-0.01	0.08		0.00	0.01		-0.09	0.02		0.00	0.08		-0.03	0.02	
<b>4PWGDA</b>	<b>0.36</b>	1.23		<b>0.99</b>	2.28		<b>0.28</b>	0.44		<b>1.26</b>	1.78		<b>0.62</b>	0.86		
		0.11	0.00		0.33	0.00		0.06	0.00		0.40	0.00		0.14	0.00	
<b>XLBLAF</b>	<b>0.27</b>	0.19		<b>0.87</b>	1.46		<b>0.22</b>	0.01		<b>1.19</b>	1.47		<b>0.56</b>	0.48		
		0.02	0.00		0.21	0.00		0.00	0.00		0.33	0.00		0.08	0.00	
<b>KN9DZT</b>	<b>0.21</b>	-0.54	0.13	<b>0.65</b>	-0.05	2.02	<b>0.21</b>	-0.09	0.34	<b>0.83</b>	-0.16	2.00	<b>0.38</b>	-0.65	1.88	
		-0.05	0.01		-0.01	0.13		-0.01	0.01		-0.04	0.16		-0.10	0.08	
<b>B63RJ3</b>	<b>0.17</b>	-1.01	1.32	<b>0.37</b>	-1.99	0.90	<b>0.20</b>	-0.14	2.90	<b>0.50</b>	-1.63		<b>0.27</b>	-1.36	1.44	
		-0.09	0.06		-0.29	0.06		-0.02	0.10		-0.36	0.00		-0.22	0.06	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Grand Median</b>		0.25			0.66			0.22			0.86			0.48	
<b>Median Abs Dev</b>		0.03			0.08			0.05			0.12			0.08	
<b>Avg Within Lab SD</b>		0.04			0.06			0.03			0.08			0.04	
<b>Labs Included</b>		19			19			19			19			19	
<b>Labs Reporting</b>		19			19			19			19			19	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

B-DTPA/Sorbitol (SubTestCode 177)			in the Micronutrients Property Groups												Data units: mg/kg	
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
NRW8AP	<b>0.14</b>	-0.18	0.28	<b>0.08</b>	-1.12	0.56	<b>0.02</b>	-0.70	0.19	<b>0.20</b>	-1.05	0.58	<b>0.07</b>	-1.08	0.84	
		-0.02	0.01		-0.13	0.02		-0.06	0.00		-0.14	0.02		-0.10	0.02	
6WAFT7	<b>0.04</b>	-1.04	0.06	<b>0.19</b>	-0.16	0.07	<b>0.05</b>	-0.42	0.16	<b>0.37</b>	0.21	0.07	<b>0.12</b>	-0.50	0.00	
		-0.13	0.00		-0.02	0.00		-0.03	0.00		0.03	0.00		-0.05	0.00	
4RZ3B8	<b>0.21</b>	0.32	0.53	<b>0.20</b>	-0.07	0.29	<b>0.08</b>	0.00	1.15	<b>0.31</b>	-0.23	0.87	<b>0.17</b>	0.00	0.59	
		0.04	0.03		-0.01	0.01		0.00	0.02		-0.03	0.04		0.00	0.02	
C4PRLY	<b>0.14</b>	-0.22	0.42	<b>0.22</b>	0.07	0.67	<b>0.07</b>	-0.12	0.32	<b>0.36</b>	0.18	0.38	<b>0.15</b>	-0.18	0.00	
		-0.03	0.02		0.01	0.03		-0.01	0.01		0.03	0.02		-0.02	0.00	
477W66	<b>0.11</b>	-0.48	0.12	<b>0.20</b>	-0.07	0.15	<b>0.07</b>	-0.16	0.00	<b>0.34</b>	0.04	0.29	<b>0.14</b>	-0.25	0.22	
		-0.06	0.01		-0.01	0.01		-0.01	0.00		0.01	0.01		-0.02	0.01	
CE8C7V	<b>0.28</b>	0.88	0.97	<b>0.23</b>	0.17	0.69	<b>0.08</b>	0.00	0.73	<b>0.38</b>	0.28	0.74	<b>0.18</b>	0.17	1.04	
		0.11	0.05		0.02	0.03		0.00	0.01		0.04	0.03		0.02	0.03	
DZKJUJ	<b>0.30</b>	1.08	0.00	<b>0.24</b>	0.24	0.88	<b>0.10</b>	0.20	0.00	<b>0.27</b>	-0.53	0.71	<b>0.20</b>	0.36	0.00	
		0.13	0.00		0.03	0.03		0.02	0.00		-0.07	0.03		0.03	0.00	
QUDDLH	<b>0.27</b>	0.81	1.21	<b>0.20</b>	-0.10	2.55	<b>0.10</b>	0.20	0.00	<b>0.33</b>	-0.04	1.43	<b>0.33</b>	1.80	2.22	
		0.10	0.06		-0.01	0.10		0.02	0.00		-0.01	0.06		0.17	0.06	
M8UYGL				<b>0.49</b>	2.34	0.61	<b>0.34</b>	3.03	2.51	<b>0.52</b>	1.31	2.23	<b>0.18</b>	0.15	0.53	
					0.28	0.02		0.25	0.05		0.18	0.09		0.01	0.01	
RKW4MM	<b>0.13</b>	-0.27	1.21	<b>0.23</b>	0.18	1.47	<b>0.10</b>	0.20	0.00	<b>0.30</b>	-0.28	0.00	<b>0.13</b>	-0.36	2.22	
		-0.03	0.06		0.02	0.06		0.02	0.00		-0.04	0.00		-0.03	0.06	
CZ7M44	<b>0.17</b>	0.00	0.99	<b>0.24</b>	0.24	0.76	<b>0.09</b>	0.09	0.26	<b>0.41</b>	0.50	0.87	<b>0.17</b>	0.00	0.97	
		0.00	0.05		0.03	0.03		0.01	0.00		0.07	0.04		0.00	0.03	
TPMZPJ	<b>0.20</b>	0.27	2.09	<b>0.56</b>	2.92	0.88	<b>0.30</b>	2.58	2.37	<b>0.80</b>	3.36	0.25	<b>0.39</b>	2.43	0.58	
		0.03	0.10		0.34	0.03		0.22	0.04		0.46	0.01		0.23	0.02	
6YCNP4	<b>0.40</b>	1.89	1.81	<b>0.15</b>	-0.55	0.29	<b>0.02</b>	-0.76	0.00	<b>0.22</b>	-0.90	0.38	<b>0.20</b>	0.36	0.66	
		0.23	0.09		-0.07	0.01		-0.06	0.00		-0.12	0.02		0.03	0.02	
WN9D4A	<b>0.00</b>	-1.34		<b>0.07</b>	-1.21	1.17	<b>0.00</b>	-0.98		<b>0.27</b>	-0.53	1.92	<b>0.00</b>	-1.79		
		-0.17	0.00		-0.14	0.05		-0.08	0.00		-0.07	0.08		-0.17	0.00	
<b>Grand Median</b>		0.17			0.21			0.083			0.34			0.17		
<b>Median Abs Dev</b>		0.06			0.03			0.017			0.05			0.03		
<b>Avg Within Lab SD</b>		0.05			0.04			0.018			0.04			0.03		
<b>Labs Included</b>		13			14			14			14			14		
<b>Labs Reporting</b>		13			14			14			14			14		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Soil Kjeldahl N (SubTestCode 178)	in the Soil Organic Matter Property Groups															Data units: Percent
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>6WAF7</b>	<b>0.12</b>	0.15	0.23	<b>0.14</b>	-0.08	0.27	<b>0.05</b>	0.39	0.24	<b>0.20</b>	-0.48	0.14	<b>0.12</b>	-0.38	0.25	
		0.00	0.00		0.00	0.00		0.01	0.00		-0.01	0.00		-0.01	0.00	
<b>VJYMAG</b>	<b>0.12</b>	0.18	0.21	<b>0.14</b>	0.12	0.27	<b>0.05</b>	0.89	1.07	<b>0.22</b>	0.12	0.75	<b>0.12</b>	-0.05	0.55	
		0.00	0.00		0.00	0.00		0.01	0.01		0.00	0.01		0.00	0.01	
<b>VAPLNG</b>	<b>0.07</b>	-2.79	1.86	<b>0.11</b>	-1.93	3.14	<b>0.02</b>	-1.72	1.17	<b>0.15</b>	-2.37	2.38	<b>0.08</b>	-2.56	1.27	
		-0.05	0.01		-0.03	0.03		-0.02	0.01		-0.06	0.02		-0.05	0.02	
<b>4RZ3B8</b>	<b>0.10</b>	-0.82	1.58	<b>0.12</b>	-1.22	0.63	<b>0.02</b>	-1.17	1.15	<b>0.20</b>	-0.45	0.70	<b>0.10</b>	-1.42	0.38	
		-0.01	0.01		-0.02	0.01		-0.02	0.01		-0.01	0.01		-0.03	0.00	
<b>C4PRLY</b>	<b>0.13</b>	0.62	0.73	<b>0.15</b>	0.63	0.09	<b>0.05</b>	0.35	0.62	<b>0.24</b>	1.02	0.07	<b>0.13</b>	0.30	0.11	
		0.01	0.00		0.01	0.00		0.00	0.00		0.03	0.00		0.01	0.00	
<b>CE8C7V</b>	<b>0.11</b>	-0.47	0.65	<b>0.13</b>	-0.83	0.48	<b>0.04</b>	-0.05	1.05	<b>0.20</b>	-0.62	2.08	<b>0.14</b>	1.08	3.09	
		-0.01	0.00		-0.01	0.00		0.00	0.01		-0.02	0.02		0.02	0.04	
<b>3D69EG</b>	<b>0.11</b>	-0.62	1.07	<b>0.13</b>	-0.95	0.69	<b>0.04</b>	-0.05	2.03	<b>0.20</b>	-0.52	0.00	<b>0.11</b>	-0.68	0.00	
		-0.01	0.01		-0.02	0.01		0.00	0.01		-0.01	0.00		-0.01	0.00	
<b>HMD97T</b>	<b>0.11</b>	-0.60	0.32	<b>0.13</b>	-0.59	0.07	<b>0.04</b>	-0.38	0.23	<b>0.21</b>	-0.12	0.23	<b>0.11</b>	-0.59	0.10	
		-0.01	0.00		-0.01	0.00		-0.01	0.00		0.00	0.00		-0.01	0.00	
<b>4PWGDA</b>	<b>0.12</b>	0.28		<b>0.15</b>	0.14		<b>0.04</b>	-0.41		<b>0.23</b>	0.52		<b>0.12</b>	0.05		
		0.00	0.00		0.00	0.00		-0.01	0.00		0.01	0.00		0.00	0.00	
<b>B63RJ3</b>	<b>0.13</b>	0.87	1.16	<b>0.16</b>	1.13	0.59	<b>0.06</b>	1.46	1.22	<b>0.23</b>	0.76	0.41	<b>0.13</b>	0.37	0.37	
		0.01	0.01		0.02	0.00		0.02	0.01		0.02	0.00		0.01	0.00	
<b>P43R2G</b>	<b>0.13</b>	0.54	1.54	<b>0.15</b>	0.40	0.67	<b>0.06</b>	1.17	0.94	<b>0.23</b>	0.65	0.84	<b>0.13</b>	0.56	0.37	
		0.01	0.01		0.01	0.01		0.02	0.00		0.02	0.01		0.01	0.00	
<b>ALBLDW</b>	<b>0.11</b>	-0.15	0.11	<b>0.14</b>	0.08	0.24	<b>0.04</b>	0.05	0.23	<b>0.23</b>	0.48	0.11	<b>0.12</b>	0.07	0.10	
		0.00	0.00		0.00	0.00		0.00	0.00		0.01	0.00		0.00	0.00	
<b>Grand Median</b>		0.12		0.14			0.041			0.21			0.12			
<b>Median Abs Dev</b>		0.01		0.01			0.006			0.01			0.01			
<b>Avg Within Lab SD</b>		0.01		0.01			0.005			0.01			0.01			
<b>Labs Included</b>		12		12			12			12			12			
<b>Labs Reporting</b>		12		12			12			12			12			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Soil TN (combustion) (SubTestCode 179)	in the Soil Organic Matter Property Groups															Data units: Percent
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>NRW8AP</b>	<b>0.11</b>	-0.06	0.00	<b>0.14</b>	-0.20	0.00	<b>0.05</b>	0.26	0.00	<b>0.21</b>	-0.35	0.70	<b>0.12</b>	0.15	0.73	
		0.00	0.00		0.00	0.00		0.00	0.00		-0.01	0.01		0.00	0.01	
<b>6WAFT7</b>	<b>0.12</b>	0.76	0.19	<b>0.15</b>	0.45	0.29	<b>0.06</b>	0.71	0.48	<b>0.23</b>	0.24	0.00	<b>0.13</b>	0.66	0.04	
		0.01	0.00		0.01	0.00		0.01	0.00		0.01	0.00		0.01	0.00	
<b>C47NEY</b>	<b>0.11</b>	0.04	0.41	<b>0.15</b>	0.06	0.06	<b>0.04</b>	-0.86	0.08	<b>0.22</b>	0.00	0.14	<b>0.12</b>	0.03	0.12	
		0.00	0.00		0.00	0.00		-0.01	0.00		0.00	0.00		0.00	0.00	
<b>C4PRLY</b>	<b>0.13</b>	1.15	0.00	<b>0.16</b>	0.55	1.28	<b>0.05</b>	0.26	0.00	<b>0.24</b>	0.71	0.00	<b>0.13</b>	0.53	0.00	
		0.02	0.00		0.01	0.01		0.00	0.00		0.02	0.00		0.01	0.00	
<b>CE8C7V</b>	<b>0.13</b>	1.27	1.33	<b>0.17</b>	1.35	3.01	<b>0.08</b>	2.81	1.39	<b>0.27</b>	1.87	3.58	<b>0.17</b>	2.68	3.55	
		0.02	0.00		0.03	0.01		0.04	0.00		0.05	0.03		0.05	0.03	
<b>QUDDLH</b>	<b>0.16</b>	2.75	0.44	<b>0.19</b>	2.21	0.80	<b>0.07</b>	2.15	0.58	<b>0.29</b>	2.61	0.35	<b>0.18</b>	3.14	0.19	
		0.05	0.00		0.05	0.00		0.03	0.00		0.07	0.00		0.06	0.00	
<b>CQF2X6</b>	<b>0.10</b>	-0.67	0.00	<b>0.20</b>	2.48	0.00				<b>0.20</b>	-0.88	0.00	<b>0.10</b>	-1.16	0.00	
		-0.01	0.00		0.06	0.00					-0.02	0.00		-0.02	0.00	
<b>UB76AM</b>	<b>0.11</b>	-0.04	1.35	<b>0.14</b>	-0.06	0.44	<b>0.04</b>	-0.52	0.00	<b>0.21</b>	-0.41	0.25	<b>0.11</b>	-0.39	0.38	
		0.00	0.00		0.00	0.00		-0.01	0.00		-0.01	0.00		-0.01	0.00	
<b>3D69EG</b>	<b>0.12</b>	0.75	2.22	<b>0.15</b>	0.25	0.00	<b>0.04</b>	-0.26	1.93	<b>0.23</b>	0.32	0.00	<b>0.13</b>	0.53	0.00	
		0.01	0.01		0.01	0.00		0.00	0.01		0.01	0.00		0.01	0.00	
<b>BRWXP6</b>	<b>0.11</b>	-0.06	0.00	<b>0.13</b>	-0.64	0.00	<b>0.05</b>	0.26	0.00	<b>0.22</b>	-0.21	0.70	<b>0.12</b>	-0.03	0.00	
		0.00	0.00		-0.01	0.00		0.00	0.00		-0.01	0.01		0.00	0.00	
<b>89DUG9</b>	<b>0.12</b>	0.38	1.45	<b>0.15</b>	0.29	1.11	<b>0.04</b>	-0.29	0.67	<b>0.23</b>	0.50	0.07	<b>0.13</b>	0.79	0.19	
		0.01	0.00		0.01	0.01		0.00	0.00		0.01	0.00		0.01	0.00	
<b>HMD97T</b>	<b>0.10</b>	-0.40	0.27	<b>0.13</b>	-0.47	1.24	<b>0.05</b>	0.00	1.91	<b>0.21</b>	-0.63	0.28	<b>0.12</b>	-0.10	0.70	
		-0.01	0.00		-0.01	0.01		0.00	0.01		-0.02	0.00		0.00	0.01	
<b>4PWGDA</b>	<b>0.11</b>	-0.19	0.00	<b>0.14</b>	-0.33	0.00	<b>0.04</b>	-0.52	0.00	<b>0.22</b>	0.00	0.00	<b>0.12</b>	-0.09	0.00	
		0.00	0.00		-0.01	0.00		-0.01	0.00		0.00	0.00		0.00	0.00	
<b>NT8YFL</b>	<b>0.11</b>	-0.25	0.00	<b>0.13</b>	-0.46	0.00	<b>0.05</b>	0.18	0.00	<b>0.20</b>	-1.00	0.00	<b>0.12</b>	-0.26	0.00	
		0.00	0.00		-0.01	0.00		0.00	0.00		-0.03	0.00		0.00	0.00	
<b>HNU6YT</b>	<b>0.13</b>	1.35	2.22	<b>0.14</b>	-0.34	1.28	<b>0.04</b>	-0.50	2.17	<b>0.23</b>	0.18	1.39	<b>0.12</b>	-0.22	1.45	
		0.02	0.01		-0.01	0.01		-0.01	0.01		0.00	0.01		0.00	0.01	
<b>Q77MKK</b>	<b>0.10</b>	-0.67	0.00	<b>0.13</b>	-0.64	0.00	<b>0.04</b>	-0.52	0.00	<b>0.20</b>	-0.88	0.00	<b>0.12</b>	-0.03	0.00	
		-0.01	0.00		-0.01	0.00		-0.01	0.00		-0.02	0.00		0.00	0.00	
<b>Grand Median</b>		0.11		0.14			0.047			0.22			0.12			
<b>Median Abs Dev</b>		0.01		0.01			0.006			0.01			0.01			
<b>Avg Within Lab SD</b>		0.00		0.00			0.003			0.01			0.01			
<b>Labs Included</b>		16		16			15			16			16			
<b>Labs Reporting</b>		16		16			15			16			16			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Soil TOC (Combustion) (SubTestCode 180)	in the Soil Organic Matter Property Groups															Data units: Percent
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>NRW8AP</b>	<b>1.24</b>	0.55	0.95	<b>1.57</b>	0.17	0.34	<b>0.53</b>	-0.61	1.09	<b>2.46</b>	0.45	0.82	<b>1.13</b>	0.28	1.96	
		0.04	0.03		0.01	0.01		-0.04	0.03		0.06	0.05		0.02	0.03	
<b>C47NEY</b>	<b>1.22</b>	0.29	0.25	<b>1.60</b>	0.58	0.26	<b>0.48</b>	-1.31	0.04	<b>2.45</b>	0.38	0.02	<b>1.14</b>	0.54	0.25	
		0.02	0.01		0.05	0.00		-0.08	0.00		0.05	0.00		0.03	0.00	
<b>UB76AM</b>	<b>1.20</b>	-0.07	0.22	<b>1.55</b>	0.00	0.21	<b>0.56</b>	-0.06	0.19	<b>2.35</b>	-0.34	0.55	<b>1.09</b>	-0.30	0.86	
		0.00	0.01		0.00	0.00		0.00	0.01		-0.05	0.03		-0.02	0.01	
<b>3D69EG</b>	<b>1.37</b>	2.67	1.28	<b>1.78</b>	2.75	0.89	<b>0.66</b>	1.57	2.25	<b>2.73</b>	2.40	0.71	<b>1.26</b>	2.37	1.43	
		0.17	0.04		0.22	0.02		0.10	0.06		0.33	0.04		0.15	0.02	
<b>B28ZB7</b>	<b>1.12</b>	-1.21	2.55	<b>1.55</b>	-0.03	2.39	<b>0.47</b>	-1.46	1.17	<b>2.24</b>	-1.10	2.66	<b>1.09</b>	-0.26	1.74	
		-0.08	0.08		0.00	0.04		-0.09	0.03		-0.15	0.15		-0.02	0.03	
<b>BRWXP6</b>	<b>1.17</b>	-0.41	0.37	<b>1.47</b>	-0.96	0.34	<b>0.57</b>	0.05	0.22	<b>2.38</b>	-0.10	1.05	<b>1.10</b>	-0.11	0.40	
		-0.03	0.01		-0.08	0.01		0.00	0.01		-0.01	0.06		-0.01	0.01	
<b>89DUG9</b>	<b>1.19</b>	-0.16	0.24	<b>1.57</b>	0.27	0.30	<b>0.64</b>	1.30	0.94	<b>2.57</b>	1.27	0.42	<b>1.15</b>	0.72	0.38	
		-0.01	0.01		0.02	0.01		0.08	0.03		0.18	0.02		0.04	0.01	
<b>HMD97T</b>	<b>1.19</b>	-0.20	0.65	<b>1.52</b>	-0.39	0.97	<b>0.56</b>	0.00	1.42	<b>2.39</b>	0.00	0.99	<b>1.08</b>	-0.48	0.60	
		-0.01	0.02		-0.03	0.02		0.00	0.04		0.00	0.06		-0.03	0.01	
<b>4PWGDA</b>	<b>1.28</b>	1.23		<b>1.55</b>	-0.02		<b>0.58</b>	0.27		<b>2.29</b>	-0.74		<b>1.15</b>	0.65		
		0.08	0.00		0.00	0.00		0.02	0.00		-0.10	0.00		0.04	0.00	
<b>NT8YFL</b>	<b>1.20</b>	0.00		<b>1.57</b>	0.22		<b>0.57</b>	0.11		<b>2.40</b>	0.05		<b>1.11</b>	0.00		
		0.00	0.00		0.02	0.00		0.01	0.00		0.01	0.00		0.00	0.00	
<b>HNU6YT</b>	<b>1.24</b>	0.62	1.10	<b>1.39</b>	-2.02	1.77	<b>0.52</b>	-0.68	0.64	<b>2.31</b>	-0.60	0.46	<b>1.00</b>	-1.72	0.79	
		0.04	0.03		-0.17	0.03		-0.04	0.02		-0.08	0.03		-0.11	0.01	
<b>Q77MKK</b>	<b>2.16</b>	14.81		<b>2.75</b>	14.67		<b>1.10</b>	8.71		<b>4.22</b>	13.13		<b>2.26</b>	18.56		
		0.96	0.00		1.20	0.00		0.54	0.00		1.83	0.00		1.15	0.00	
<b>Grand Median</b>		1.20			1.55			0.56			2.39			1.11		
<b>Median Abs Dev</b>		0.03			0.02			0.04			0.06			0.03		
<b>Avg Within Lab SD</b>		0.03			0.02			0.03			0.06			0.01		
<b>Labs Included</b>		11			11			11			11			11		
<b>Labs Reporting</b>		11			11			11			11			11		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

SOM - Walkley-Black (SubTestCode 181)		in the Soil Organic Matter Property Groups										Data units: Percent			
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
<b>6WAF7</b>	<b>2.48</b>	0.66	0.49	<b>2.66</b>	0.19	0.50	<b>1.08</b>	0.19	0.18	<b>4.37</b>	0.88	0.68	<b>2.07</b>	0.57	0.65
		0.21	0.06		0.10	0.06		0.06	0.06		0.60	0.09		0.22	0.09
<b>VJYMAG</b>	<b>2.68</b>	1.32	0.83	<b>1.89</b>	-1.21	1.53	<b>0.61</b>	-1.33	0.55	<b>3.47</b>	-0.44	1.14	<b>1.46</b>	-1.04	1.66
		0.42	0.10		-0.67	0.17		-0.42	0.18		-0.30	0.16		-0.39	0.24
<b>477W66</b>	<b>2.46</b>	0.62	1.75	<b>2.88</b>	0.57	0.05	<b>1.05</b>	0.09	0.03	<b>3.94</b>	0.24	1.40	<b>2.14</b>	0.74	0.84
		0.20	0.20		0.32	0.01		0.03	0.01		0.17	0.19		0.28	0.12
<b>CE8C7V</b>	<b>2.33</b>	0.21	0.50	<b>2.67</b>	0.19	2.30	<b>0.83</b>	-0.61	0.46	<b>3.70</b>	-0.10	0.00	<b>1.43</b>	-1.12	2.83
		0.07	0.06		0.11	0.25		-0.19	0.15		-0.07	0.00		-0.42	0.40
<b>8NA3L2</b>	<b>2.23</b>	-0.11	1.80	<b>1.27</b>	-2.33	0.53	<b>0.37</b>	-2.10	0.17	<b>2.70</b>	-1.56	2.64	<b>1.77</b>	-0.24	1.07
		-0.03	0.21		-1.29	0.06		-0.66	0.06		-1.07	0.36		-0.09	0.15
<b>QB3B2R</b>	<b>2.53</b>	0.84	0.44	<b>2.25</b>	-0.55	0.71	<b>1.02</b>	0.00	0.05	<b>3.58</b>	-0.27	0.42	<b>1.52</b>	-0.90	0.15
		0.27	0.05		-0.31	0.08		0.00	0.02		-0.19	0.06		-0.34	0.02
<b>UB76AM</b>	<b>2.30</b>	0.11		<b>2.70</b>	0.25		<b>1.04</b>	0.05		<b>4.02</b>	0.36		<b>2.05</b>	0.51	
		0.03	0.00		0.14	0.00		0.02	0.00		0.25	0.00		0.19	0.00
<b>XX43YG</b>	<b>2.11</b>	-0.49	2.40	<b>2.50</b>	-0.10	2.37	<b>1.43</b>	1.31	3.99	<b>3.57</b>	-0.29	2.02	<b>1.79</b>	-0.17	1.57
		-0.15	0.28		-0.06	0.26		0.41	1.33		-0.20	0.28		-0.06	0.22
<b>GLNMZX</b>	<b>2.04</b>	-0.71	0.66	<b>3.56</b>	1.81	0.35	<b>1.21</b>	0.61	0.31	<b>4.70</b>	1.36	0.26	<b>2.34</b>	1.28	0.41
		-0.22	0.08		1.00	0.04		0.19	0.11		0.93	0.04		0.49	0.06
<b>89DUG9</b>	<b>2.89</b>	1.96	0.49	<b>3.23</b>	1.20	0.19	<b>1.48</b>	1.45	0.10	<b>4.68</b>	1.32	0.34	<b>2.44</b>	1.54	0.38
		0.62	0.06		0.67	0.02		0.45	0.03		0.90	0.05		0.58	0.05
<b>HMD97T</b>	<b>2.16</b>	-0.33	0.53	<b>2.52</b>	-0.07	0.37	<b>0.97</b>	-0.16	0.16	<b>3.84</b>	0.10	0.48	<b>1.86</b>	0.00	0.22
		-0.10	0.06		-0.04	0.04		-0.05	0.05		0.07	0.07		0.00	0.03
<b>PAPEWM</b>	<b>1.97</b>	-0.95	0.50	<b>2.00</b>	-1.01		<b>1.10</b>	0.25	0.00	<b>2.40</b>	-2.00	0.73	<b>1.70</b>	-0.41	0.00
		-0.30	0.06		-0.56	0.00		0.08	0.00		-1.37	0.10		-0.16	0.00
<b>4PWGDA</b>	<b>1.67</b>	-1.89		<b>2.03</b>	-0.95		<b>0.74</b>	-0.91		<b>3.29</b>	-0.70		<b>1.56</b>	-0.78	
		-0.60	0.00		-0.53	0.00		-0.28	0.00		-0.48	0.00		-0.30	0.00
<b>6YCNP4</b>	<b>2.23</b>	-0.11	0.50	<b>2.67</b>	0.19	0.53	<b>0.97</b>	-0.18	0.17	<b>3.97</b>	0.28	0.42	<b>1.93</b>	0.20	0.40
		-0.03	0.06		0.11	0.06		-0.06	0.06		0.19	0.06		0.08	0.06
<b>P43R2G</b>	<b>2.38</b>	0.37	0.13	<b>2.92</b>	0.66	0.97	<b>1.39</b>	1.18	0.09	<b>4.73</b>	1.40	0.70	<b>2.25</b>	1.05	0.43
		0.12	0.02		0.36	0.11		0.37	0.03		0.96	0.10		0.40	0.06
<b>ALBLDW</b>	<b>2.23</b>	-0.13	1.04	<b>2.46</b>	-0.18	1.10	<b>0.96</b>	-0.19	0.61	<b>3.77</b>	0.00	0.68	<b>1.86</b>	0.00	0.88
		-0.04	0.12		-0.10	0.12		-0.06	0.20		0.00	0.09		0.00	0.13
<b>WN9D4A</b>				<b>2.56</b>	0.00	0.00	<b>0.76</b>	-0.84		<b>3.66</b>	-0.16		<b>2.21</b>	0.93	
					0.00	0.00		-0.26	0.00		-0.11	0.00		0.35	0.00
<b>Grand Median</b>		2.27		2.56			1.02			3.77			1.86		
<b>Median Abs Dev</b>		0.18		0.31			0.19			0.25			0.28		
<b>Avg Within Lab SD</b>		0.12		0.11			0.33			0.14			0.14		
<b>Labs Included</b>		16		17			17			17			17		
<b>Labs Reporting</b>		16		17			17			17			17		





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

	SOM - LOI ( % Wt loss) (SubTestCode 182) in the Soil Organic Matter Property Groups															Data units: Percent
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>MGZK6N</b>	<b>2.18</b>	-1.51	0.52	<b>2.45</b>	-1.71	0.42	<b>0.81</b>	-1.21	0.87	<b>3.83</b>	-1.10	0.15	<b>2.17</b>	-1.26	0.16	
		-0.32	0.03		-0.52	0.04		-0.15	0.05		-0.48	0.02		-0.54	0.04	
<b>C47NEY</b>	<b>2.47</b>	-0.16	0.83	<b>2.91</b>	-0.21	0.37	<b>0.91</b>	-0.42	0.19	<b>4.04</b>	-0.62	0.42	<b>2.54</b>	-0.40	0.16	
		-0.03	0.06		-0.06	0.03		-0.05	0.01		-0.27	0.05		-0.17	0.04	
<b>7WA3K4</b>	<b>2.64</b>	0.67	0.57	<b>3.16</b>	0.60	0.37	<b>1.03</b>	0.59	0.99	<b>4.47</b>	0.37	0.31	<b>2.75</b>	0.09	0.26	
		0.14	0.04		0.18	0.04		0.07	0.06		0.16	0.04		0.04	0.06	
<b>CP6CHY</b>	<b>2.77</b>	1.26	0.87	<b>3.23</b>	0.85	0.61	<b>1.20</b>	1.98	1.73	<b>4.37</b>	0.14	1.02	<b>2.73</b>	0.05	0.25	
		0.27	0.06		0.26	0.06		0.24	0.10		0.06	0.12		0.02	0.06	
<b>VJYMAG</b>	<b>2.79</b>	1.38	1.80	<b>3.40</b>	1.40	1.27	<b>1.06</b>	0.86	1.60	<b>5.00</b>	1.61	1.18	<b>3.28</b>	1.33	1.18	
		0.29	0.12		0.43	0.12		0.11	0.09		0.70	0.13		0.57	0.27	
<b>4RZ3B8</b>	<b>2.58</b>	0.39	1.37	<b>3.13</b>	0.50	1.68	<b>0.98</b>	0.18	0.52	<b>4.45</b>	0.33	1.49	<b>2.81</b>	0.23	0.78	
		0.08	0.09		0.15	0.16		0.02	0.03		0.14	0.17		0.10	0.18	
<b>J7BMPT</b>	<b>3.13</b>	2.98	1.74	<b>4.07</b>	3.58	1.60	<b>1.20</b>	1.98	3.00	<b>5.67</b>	3.15	1.84	<b>4.23</b>	3.53	0.25	
		0.63	0.12		1.09	0.15		0.24	0.17		1.36	0.21		1.52	0.06	
<b>C4PRLY</b>	<b>2.75</b>	1.19	1.94	<b>2.96</b>	-0.03	1.45	<b>1.02</b>	0.50	2.17	<b>4.46</b>	0.35	3.27	<b>3.16</b>	1.05	0.79	
		0.25	0.13		-0.01	0.14		0.06	0.13		0.15	0.37		0.45	0.18	
<b>8MDKJZ</b>	<b>2.39</b>	-0.53	0.61	<b>2.68</b>	-0.97	2.70	<b>0.99</b>	0.29	0.80	<b>4.08</b>	-0.53	0.37	<b>2.21</b>	-1.17	1.02	
		-0.11	0.04		-0.30	0.26		0.04	0.05		-0.23	0.04		-0.51	0.23	
<b>Q4YHTG</b>	<b>2.50</b>	0.00	2.65	<b>3.10</b>	0.43	0.71	<b>0.96</b>	0.01	0.30	<b>4.60</b>	0.69	1.09	<b>2.92</b>	0.48	0.22	
		0.00	0.18		0.13	0.07		0.00	0.02		0.30	0.12		0.21	0.05	
<b>CE8C7V</b>	<b>2.28</b>	-1.02	1.24	<b>2.93</b>	-0.13	1.90	<b>0.88</b>	-0.60	1.49	<b>4.40</b>	0.22	1.41	<b>3.10</b>	0.90	0.69	
		-0.22	0.08		-0.04	0.18		-0.07	0.09		0.10	0.16		0.39	0.16	
<b>DZKJUJ</b>	<b>2.48</b>	-0.08	0.44	<b>2.93</b>	-0.13	0.61	<b>0.80</b>	-1.29	0.00	<b>4.30</b>	-0.01	0.88	<b>2.63</b>	-0.18	0.25	
		-0.02	0.03		-0.04	0.06		-0.16	0.00		-0.01	0.10		-0.08	0.06	
<b>KQWZGM</b>	<b>2.24</b>	-1.22	0.84	<b>2.48</b>	-1.60	1.03	<b>0.88</b>	-0.67	0.26	<b>3.75</b>	-1.29	0.54	<b>2.61</b>	-0.23	0.14	
		-0.26	0.06		-0.49	0.10		-0.08	0.02		-0.56	0.06		-0.10	0.03	
<b>JR9FBN</b>	<b>2.43</b>	-0.31	0.87	<b>3.07</b>	0.31	1.21	<b>0.90</b>	-0.48	0.00	<b>4.50</b>	0.45	0.88	<b>2.83</b>	0.28	0.50	
		-0.07	0.06		0.09	0.12		-0.06	0.00		0.20	0.10		0.12	0.12	
<b>8NA3L2</b>	<b>2.77</b>	1.26	0.87	<b>3.27</b>	0.96	1.21	<b>1.03</b>	0.61	1.00	<b>4.80</b>	1.14	0.00	<b>2.80</b>	0.21	0.00	
		0.27	0.06		0.29	0.12		0.08	0.06		0.50	0.00		0.09	0.00	
<b>382E77</b>	<b>2.46</b>	-0.19	0.50	<b>2.65</b>	-1.04	0.43	<b>1.01</b>	0.44	0.28	<b>3.69</b>	-1.41	1.12	<b>3.25</b>	1.25	0.46	
		-0.04	0.03		-0.32	0.04		0.05	0.02		-0.61	0.13		0.54	0.11	
<b>32WJM7</b>	<b>2.64</b>	0.66	0.45	<b>3.43</b>	1.48	0.76	<b>0.97</b>	0.12	0.10	<b>4.56</b>	0.58	0.57	<b>3.20</b>	1.13	0.39	
		0.14	0.03		0.45	0.07		0.02	0.01		0.25	0.06		0.49	0.09	
<b>QUDDLH</b>	<b>2.65</b>	0.69	0.38	<b>3.10</b>	0.40	0.16	<b>0.96</b>	-0.01	0.85	<b>4.46</b>	0.37	0.59	<b>2.72</b>	0.03	0.18	
		0.15	0.03		0.12	0.02		0.00	0.05		0.16	0.07		0.01	0.04	
<b>KQRJHN</b>	<b>2.50</b>	-0.02	0.09	<b>3.14</b>	0.55	0.10	<b>0.89</b>	-0.53	0.20	<b>4.52</b>	0.50	0.15	<b>2.92</b>	0.49	0.07	
		0.00	0.01		0.17	0.01		-0.07	0.01		0.22	0.02		0.21	0.02	
<b>G9MNCZ</b>	<b>2.48</b>	-0.09	0.40	<b>2.90</b>	-0.23	0.40	<b>0.97</b>	0.10	0.60	<b>4.04</b>	-0.62	0.31	<b>2.56</b>	-0.36	0.22	
		-0.02	0.03		-0.07	0.04		0.01	0.03		-0.27	0.04		-0.16	0.05	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD
<b>G6NDG2</b>	<b>2.57</b>	0.33	1.48	<b>2.58</b>	-1.30	0.26	<b>0.90</b>	-0.45	0.10	<b>3.81</b>	-1.14	0.64	<b>2.66</b>	-0.13	0.47
		0.07	0.10		-0.40	0.03		-0.06	0.01		-0.49	0.07		-0.06	0.11
<b>CQF2X6</b>	<b>2.30</b>	-0.94	0.00	<b>2.83</b>	-0.46	0.61	<b>0.97</b>	0.07	1.00	<b>4.00</b>	-0.70		<b>2.47</b>	-0.57	0.25
		-0.20	0.00		-0.14	0.06		0.01	0.06		-0.31	0.00		-0.25	0.06
<b>KZGFYV</b>	<b>2.13</b>	-1.74	0.26	<b>2.55</b>	-1.38	0.28	<b>0.80</b>	-1.32	0.26	<b>3.68</b>	-1.44	0.55	<b>2.47</b>	-0.56	0.04
		-0.37	0.02		-0.42	0.03		-0.16	0.02		-0.63	0.06		-0.24	0.01
<b>MKUMMU</b>	<b>2.67</b>	0.80	0.54	<b>2.83</b>	-0.48	2.50	<b>0.59</b>	-3.01	2.29	<b>3.75</b>	-1.29	1.73	<b>2.11</b>	-1.40	0.43
		0.17	0.04		-0.15	0.24		-0.37	0.13		-0.56	0.20		-0.60	0.10
<b>UB76AM</b>	<b>2.33</b>	-0.78	0.87	<b>2.97</b>	-0.02	1.21	<b>0.90</b>	-0.48	0.00	<b>4.10</b>	-0.47	0.00	<b>3.30</b>	1.37	0.44
		-0.17	0.06		-0.01	0.12		-0.06	0.00		-0.21	0.00		0.59	0.10
<b>3D69EG</b>	<b>2.59</b>	0.42	0.15	<b>3.23</b>	0.84	0.00	<b>0.98</b>	0.15	0.70	<b>4.52</b>	0.49	0.18	<b>2.91</b>	0.45	0.05
		0.09	0.01		0.26	0.00		0.02	0.04		0.21	0.02		0.20	0.01
<b>BL7NF7</b>	<b>2.50</b>	0.00	1.51	<b>3.07</b>	0.31	1.21	<b>0.97</b>	0.07	1.00	<b>4.37</b>	0.14	0.51	<b>2.73</b>	0.05	0.25
		0.00	0.10		0.09	0.12		0.01	0.06		0.06	0.06		0.02	0.06
<b>KXVCQX</b>	<b>2.28</b>	-1.05	0.68	<b>2.77</b>	-0.68	0.68	<b>0.97</b>	0.07	1.18	<b>4.08</b>	-0.52	1.36	<b>2.28</b>	-1.00	0.37
		-0.22	0.05		-0.21	0.07		0.01	0.07		-0.23	0.15		-0.43	0.09
<b>WR44BL</b>	<b>2.58</b>	0.37	0.00	<b>2.94</b>	-0.09	0.01	<b>1.01</b>	0.43	0.00	<b>4.30</b>	-0.01	0.00	<b>1.81</b>	-2.09	5.85
		0.08	0.00		-0.03	0.00		0.05	0.00		-0.01	0.00		-0.90	1.35
<b>4C4V8E</b>	<b>2.23</b>	-1.26	0.87	<b>2.80</b>	-0.57	0.00	<b>0.77</b>	-1.57	1.00	<b>4.17</b>	-0.32	0.51	<b>2.43</b>	-0.65	0.25
		-0.27	0.06		-0.17	0.00		-0.19	0.06		-0.14	0.06		-0.28	0.06
<b>XX43YG</b>	<b>2.50</b>	0.02	0.35	<b>3.05</b>	0.24	0.40	<b>0.96</b>	-0.01	0.36	<b>4.28</b>	-0.05	0.13	<b>2.62</b>	-0.21	0.07
		0.00	0.02		0.07	0.04		0.00	0.02		-0.02	0.02		-0.09	0.02
<b>LDGEMR</b>	<b>2.21</b>	-1.38	16.07	<b>3.27</b>	0.97	10.39	<b>2.70</b>	14.27	28.18	<b>3.11</b>	-2.77	3.00	<b>2.95</b>	0.55	7.82
		-0.29	1.07		0.30	0.99		1.75	1.63		-1.20	0.34		0.24	1.80
<b>Y3EFFF</b>	<b>2.43</b>	-0.31	1.28	<b>3.02</b>	0.16	0.71	<b>0.84</b>	-0.94	0.82	<b>4.42</b>	0.27	2.08	<b>2.87</b>	0.36	0.18
		-0.07	0.09		0.05	0.07		-0.12	0.05		0.12	0.24		0.16	0.04
<b>RKW4MM</b>	<b>2.50</b>	0.00		<b>2.93</b>	-0.13	0.61	<b>0.93</b>	-0.20	1.00	<b>4.20</b>	-0.24	0.00	<b>2.70</b>	-0.03	0.00
		0.00	0.00		-0.04	0.06		-0.03	0.06		-0.11	0.00		-0.01	0.00
<b>4F7V8B</b>	<b>2.57</b>	0.33	0.40	<b>3.05</b>	0.26	0.88	<b>0.93</b>	-0.23	0.35	<b>4.31</b>	0.01	0.09	<b>2.70</b>	-0.03	0.10
		0.07	0.03		0.08	0.08		-0.03	0.02		0.01	0.01		-0.02	0.02
<b>CZ7M44</b>	<b>2.57</b>	0.31	0.87	<b>3.03</b>	0.20	0.61	<b>0.98</b>	0.18	0.46	<b>4.43</b>	0.30	0.51	<b>2.63</b>	-0.18	0.25
		0.07	0.06		0.06	0.06		0.02	0.03		0.13	0.06		-0.08	0.06
<b>HMD97T</b>	<b>2.51</b>	0.03	0.14	<b>3.07</b>	0.32	0.10	<b>0.97</b>	0.09	0.42	<b>4.56</b>	0.58	0.19	<b>2.58</b>	-0.31	0.03
		0.01	0.01		0.10	0.01		0.01	0.02		0.25	0.02		-0.13	0.01
<b>7L7UV7</b>	<b>2.50</b>	0.00	1.51	<b>2.87</b>	-0.35	0.61	<b>0.77</b>	-1.57	1.00	<b>4.83</b>	1.22	1.02	<b>2.47</b>	-0.57	0.25
		0.00	0.10		-0.11	0.06		-0.19	0.06		0.53	0.12		-0.25	0.06
<b>4PWGDA</b>	<b>2.40</b>	-0.47		<b>3.00</b>	0.09		<b>1.10</b>	1.16		<b>4.10</b>	-0.47		<b>2.90</b>	0.44	
		-0.10	0.00		0.03	0.00		0.14	0.00		-0.21	0.00		0.19	0.00
<b>XLBLAF</b>	<b>2.70</b>	0.94		<b>2.98</b>	0.02		<b>1.18</b>	1.81		<b>4.57</b>	0.61		<b>2.32</b>	-0.91	
		0.20	0.00		0.01	0.00		0.22	0.00		0.27	0.00		-0.39	0.00
<b>B63RJ3</b>	<b>2.17</b>	-1.57	0.87	<b>2.53</b>	-1.44	0.61	<b>0.87</b>	-0.75	1.00	<b>3.67</b>	-1.47	0.51	<b>2.27</b>	-1.03	0.25
		-0.33	0.06		-0.44	0.06		-0.09	0.06		-0.64	0.06		-0.45	0.06
<b>TPMZPJ</b>	<b>2.68</b>	0.86	0.57	<b>3.54</b>	1.86	0.89	<b>0.94</b>	-0.15	0.17	<b>4.70</b>	0.92	1.37	<b>3.25</b>	1.25	0.72
		0.18	0.04		0.57	0.09		-0.02	0.01		0.40	0.16		0.54	0.17



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>HNU6YT</b>	<b>2.47</b>	-0.16	1.74	<b>2.97</b>	-0.02	1.21	<b>0.87</b>	-0.75	1.00	<b>4.23</b>	-0.17	1.35	<b>2.77</b>	0.13	0.91
		-0.03	0.12		-0.01	0.12		-0.09	0.06		-0.07	0.15		0.06	0.21
<b>Grand Median</b>		2.50			2.97			0.96			4.31			2.71	
<b>Median Abs Dev</b>		0.11			0.14			0.06			0.22			0.20	
<b>Avg Within Lab SD</b>		0.07			0.10			0.06			0.11			0.23	
<b>Labs Included</b>		42			42			42			42			42	
<b>Labs Reporting</b>		42			42			42			42			42	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

CaCO3 Content (SubTestCode 183)	in the Content Property Groups										Data units: Percent
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515		
<b>VJYMAG</b>	<b>0.52</b>	1.73	<b>0.48</b>	1.73	<b>0.19</b>	1.73	<b>0.13</b>	-0.14	2.00	<b>0.20</b>	1.73
		0.09		0.03		0.05		-0.60	0.06		0.03
<b>DZKJUJ</b>	<b>0.10</b>	0.00	<b>0.10</b>	0.00	<b>0.10</b>	0.00	<b>0.20</b>	-0.13	0.00	<b>0.10</b>	0.00
		0.00		0.00		0.00		-0.54	0.00		0.00
<b>4PWGDA</b>							<b>1.27</b>	0.13			
								0.54	0.00		
<b>Q77MKG</b>	<b>8.43</b>	0.00	<b>9.14</b>	0.00	<b>7.20</b>	0.00	<b>10.45</b>	2.30		<b>8.31</b>	0.00
								9.72	0.00		
<b>Grand Median</b>		0.52		0.48		0.19		0.74		0.20	
<b>Median Abs Dev</b>								0.57			
<b>Avg Within Lab SD</b>		0.05		0.01		0.03		0.03		0.01	
<b>Labs Included</b>		3		3		3		4		3	
<b>Labs Reporting</b>		3		3		3		4		3	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

CEC - Cation Displacement (SubTestCode 184)	in the Other 1 Property Groups												Data units: cmol/kg		
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
<b>6WAFT7</b>	<b>6.4</b>	-0.1	0.3	<b>17.3</b>	0.0	0.4	<b>2.6</b>	-0.1	0.9	<b>19.1</b>	0.4	0.3	<b>19.2</b>	-0.2	0.3
		-0.3	0.1		0.1	0.2		-0.1	0.2		2.0	0.3		-0.9	0.3
<b>C4PRLY</b>	<b>5.2</b>	-0.5	0.2	<b>14.6</b>	-0.6	0.1	<b>2.2</b>	-0.4	0.2	<b>14.6</b>	-0.5	0.3	<b>17.0</b>	-0.8	0.4
		-1.5	0.0		-2.5	0.0		-0.5	0.0		-2.5	0.3		-3.2	0.4
<b>CE8C7V</b>	<b>7.0</b>	0.1	1.5	<b>16.2</b>	-0.2	0.8	<b>3.5</b>	0.7	0.9	<b>17.2</b>	0.0	0.4	<b>18.1</b>	-0.5	0.2
		0.3	0.3		-0.9	0.3		0.8	0.2		0.1	0.4		-2.1	0.3
<b>8NA3L2</b>	<b>17.3</b>	3.5	1.8	<b>28.3</b>	2.8	2.5	<b>6.6</b>	3.2	2.0	<b>30.3</b>	2.9	2.6	<b>30.0</b>	2.4	2.6
		10.6	0.3		11.2	0.9		4.0	0.4		13.2	2.4		9.8	2.6
<b>UB76AM</b>	<b>6.6</b>	-0.1		<b>17.4</b>	0.1		<b>2.6</b>	-0.1		<b>16.6</b>	-0.1		<b>20.4</b>	0.0	
		-0.2	0.0		0.3	0.0		-0.1	0.0		-0.5	0.0		0.2	0.0
<b>4PWGDA</b>	<b>8.9</b>	0.7		<b>22.7</b>	1.4		<b>3.1</b>	0.3		<b>22.7</b>	1.2		<b>26.0</b>	1.4	
		2.2	0.0		5.5	0.0		0.4	0.0		5.6	0.0		5.8	0.0
<b>6YCNP4</b>	<b>6.9</b>	0.1	1.5	<b>15.9</b>	-0.3	0.6	<b>2.8</b>	0.1	0.3	<b>17.0</b>	0.0	0.8	<b>20.3</b>	0.0	1.0
		0.2	0.3		-1.2	0.2		0.1	0.1		-0.1	0.7		0.1	1.0
<b>ALBLDW</b>	<b>5.6</b>	-0.4	0.5	<b>17.0</b>	0.0	0.7	<b>2.0</b>	-0.5	1.5	<b>16.2</b>	-0.2	0.5	<b>20.0</b>	0.0	0.0
		-1.1	0.1		-0.1	0.2		-0.7	0.3		-0.9	0.4		-0.1	0.0
<b>Grand Median</b>		6.71			17.2			2.69			17.1			20.2	
<b>Median Abs Dev</b>		0.71			1.1			0.46			1.4			1.5	
<b>Avg Within Lab SD</b>		0.17			0.4			0.19			0.9			1.0	
<b>Labs Included</b>		8			8			8			8			8	
<b>Labs Reporting</b>		8			8			8			8			8	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

CEC - Estimation (SubTestCode 185)	in the Other 1 Property Groups												Data units: cmol/kg		
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
<b>VJYMAG</b>	<b>4.9</b>	-0.8	1.6	<b>17.9</b>	1.0	2.0	<b>3.1</b>	-0.4	0.8	<b>19.4</b>	1.3	0.8	<b>18.9</b>	0.0	1.2
		-1.1	0.5		1.9	1.5		-0.5	0.1		4.0	0.9		0.0	0.8
<b>4RZ3B8</b>	<b>8.8</b>	2.2	0.6	<b>17.5</b>	0.8	0.2	<b>4.7</b>	1.1	0.8	<b>14.6</b>	-0.2	0.3	<b>23.4</b>	1.1	1.0
		2.8	0.2		1.5	0.1		1.2	0.1		-0.8	0.4		4.4	0.7
<b>32WJM7</b>	<b>3.4</b>	-2.0	0.4	<b>15.3</b>	-0.4	0.3	<b>2.2</b>	-1.2	0.0	<b>15.4</b>	0.0	0.2	<b>15.7</b>	-0.8	0.4
		-2.6	0.1		-0.7	0.2		-1.3	0.0		0.0	0.3		-3.3	0.3
<b>QUDDLH</b>	<b>6.6</b>	0.5	1.5	<b>16.0</b>	0.0	0.5	<b>3.4</b>	-0.1	0.4	<b>13.5</b>	-0.6	0.0	<b>20.9</b>	0.5	1.2
		0.7	0.5		0.0	0.4		-0.1	0.1		-1.9	0.1		2.0	0.9
<b>3D69EG</b>	<b>5.9</b>	-0.1	0.3	<b>11.6</b>	-2.3	0.2	<b>3.1</b>	-0.3	0.7	<b>12.2</b>	-1.0	0.5	<b>14.0</b>	-1.2	0.4
		-0.1	0.1		-4.4	0.1		-0.4	0.1		-3.2	0.6		-4.9	0.3
<b>HMD97T</b>	<b>6.2</b>	0.1	0.1	<b>15.1</b>	-0.5	0.1				<b>13.4</b>	-0.6	0.4	<b>22.7</b>	0.9	0.5
		0.2	0.0		-0.9	0.1					-2.0	0.4		3.8	0.3
<b>7L7UV7</b>	<b>5.8</b>	-0.1	0.4	<b>15.6</b>	-0.2	0.6	<b>5.8</b>	2.1	1.9	<b>15.9</b>	0.1	0.6	<b>17.1</b>	-0.4	1.3
		-0.1	0.1		-0.4	0.5		2.3	0.3		0.5	0.8		-1.8	1.0
<b>XKF48E</b>	<b>6.0</b>	0.0	1.5	<b>16.5</b>	0.3	1.3	<b>3.7</b>	0.2	0.7	<b>18.8</b>	1.1	1.0	<b>20.5</b>	0.4	1.6
		0.0	0.5		0.5	1.0		0.2	0.1		3.4	1.2		1.6	1.2
<b>TAEMVG</b>	<b>6.2</b>	0.2	1.1	<b>17.4</b>	0.7	1.6	<b>3.6</b>	0.1	1.3	<b>19.2</b>	1.2	2.5	<b>15.9</b>	-0.7	0.6
		0.3	0.4		1.4	1.2		0.1	0.2		3.8	3.1		-3.0	0.4
<b>Grand Median</b>		5.97		16.0			3.52			15.4			18.9		
<b>Median Abs Dev</b>		0.27		0.9			0.42			2.0			3.0		
<b>Avg Within Lab SD</b>		0.32		0.7			0.14			1.2			0.7		
<b>Labs Included</b>		9		9			8			9			9		
<b>Labs Reporting</b>		9		9			8			9			9		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Soil Density (Scoop) (SubTestCode 186)	in the Other 1 Property Groups												Data units: g/cc		
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
<b>6WAFT7</b>	<b>1.46</b>	-0.05	0.14	<b>1.32</b>	0.17	0.15	<b>1.56</b>	-0.05	0.61	<b>1.20</b>	0.01	0.12	<b>1.38</b>	-0.06	0.28
		-0.02	0.01		0.05	0.01		-0.02	0.01		0.00	0.01		-0.02	0.01
<b>VJYMAG</b>	<b>1.50</b>	0.09	0.43	<b>1.22</b>	-0.15	0.13	<b>1.65</b>	0.20	0.80	<b>1.13</b>	-0.36	0.06	<b>1.33</b>	-0.27	0.39
		0.03	0.02		-0.05	0.01		0.07	0.02		-0.07	0.00		-0.07	0.01
<b>2Y8W7C</b>	<b>1.49</b>	0.05	0.04	<b>1.31</b>	0.15	0.14	<b>1.60</b>	0.05	1.23	<b>1.27</b>	0.32	0.18	<b>1.42</b>	0.11	0.30
		0.02	0.00		0.05	0.01		0.02	0.02		0.07	0.01		0.03	0.01
<b>KN9DZT</b>	<b>1.26</b>	-0.69	0.87	<b>1.14</b>	-0.41	0.64	<b>1.47</b>	-0.32	1.32	<b>1.05</b>	-0.75	0.32	<b>1.20</b>	-0.78	1.99
		-0.21	0.04		-0.13	0.03		-0.11	0.03		-0.16	0.02		-0.19	0.04
<b>TAEMVG</b>	<b>1.11</b>	-1.16	1.84	<b>1.10</b>	-0.52	2.31	<b>1.47</b>	-0.32	0.80	<b>1.20</b>	-0.01	1.05	<b>1.41</b>	0.06	1.20
		-0.36	0.08		-0.16	0.09		-0.11	0.02		0.00	0.05		0.02	0.03
<b>HNU6YT</b>	<b>2.09</b>	1.99	1.28	<b>2.07</b>	2.63	0.44	<b>2.69</b>	3.11	1.05	<b>1.74</b>	2.61	2.18	<b>2.06</b>	2.76	0.55
		0.62	0.05		0.81	0.02		1.11	0.02		0.54	0.10		0.67	0.01
<b>Grand Median</b>		1.47			1.26			1.58			1.20			1.39	
<b>Median Abs Dev</b>		0.12			0.09			0.09			0.07			0.05	
<b>Avg Within Lab SD</b>		0.04			0.04			0.02			0.05			0.02	
<b>Labs Included</b>		6			6			6			6			6	
<b>Labs Reporting</b>		6			6			6			6			6	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Sand 2000 - 50 um (SubTestCode 187)	in the Particle Size Analysis Property Groups												Data units: Percent		
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515		
<b>NRW8AP</b>	<b>47.1</b>	-0.2	0.6	<b>21.3</b>	-0.2		<b>91.3</b>	0.0	1.7	<b>12.5</b>	-0.5	0.9	<b>25.4</b>	-0.5	0.4
		-0.9	0.7		-1.1	0.0		-0.1	1.3		-3.8	1.3		-3.6	0.7
<b>6WAFT7</b>	<b>49.7</b>	0.3	0.5	<b>22.3</b>	0.0	0.4	<b>94.5</b>	0.8	0.7	<b>16.7</b>	0.0	0.4	<b>27.7</b>	-0.2	0.3
		1.7	0.6		0.0	0.6		3.2	0.5		0.3	0.6		-1.3	0.6
<b>C47NEY</b>	<b>53.0</b>	0.9		<b>27.3</b>	0.8	0.4	<b>93.0</b>	0.4		<b>21.0</b>	0.6		<b>31.3</b>	0.3	0.3
		5.0	0.0		5.0	0.6		1.7	0.0		4.7	0.0		2.3	0.6
<b>VJYMAG</b>	<b>50.0</b>	0.4	1.6	<b>23.7</b>	0.2	0.4	<b>91.0</b>	-0.1	1.3	<b>16.3</b>	0.0	0.4	<b>29.0</b>	0.0	0.9
		2.0	2.0		1.3	0.6		-0.3	1.0		0.0	0.6		0.0	1.7
<b>4RZ3B8</b>	<b>49.9</b>	0.3	1.9	<b>22.5</b>	0.0	0.4	<b>92.5</b>	0.3	0.8	<b>19.2</b>	0.4	0.9	<b>38.5</b>	1.4	1.8
		1.9	2.3		0.2	0.6		1.2	0.6		2.9	1.2		9.5	3.4
<b>8NA3L2</b>	<b>46.7</b>	-0.2	0.9	<b>25.3</b>	0.5	2.1	<b>89.7</b>	-0.4	0.8	<b>16.7</b>	0.0	1.7	<b>30.0</b>	0.1	1.9
		-1.3	1.2		3.0	3.1		-1.7	0.6		0.3	2.3		1.0	3.5
<b>382E77</b>	<b>55.3</b>	1.3	0.9	<b>23.3</b>	0.2	0.8	<b>92.7</b>	0.3	1.5	<b>28.3</b>	1.5	0.9	<b>27.7</b>	-0.2	0.6
		7.3	1.2		1.0	1.2		1.3	1.2		12.0	1.2		-1.3	1.2
<b>32WJM7</b>	<b>38.1</b>	-1.8	0.7	<b>14.8</b>	-1.3	0.2	<b>89.5</b>	-0.5	1.4	<b>12.2</b>	-0.5	0.9	<b>18.2</b>	-1.6	0.5
		-9.9	0.8		-7.5	0.3		-1.9	1.0		-4.1	1.2		-10.8	0.9
<b>QUDDLH</b>	<b>61.0</b>	2.4		<b>25.0</b>	0.5		<b>91.0</b>	-0.1		<b>31.0</b>	1.8		<b>39.0</b>	1.5	
		13.0	0.0		2.7	0.0		-0.3	0.0		14.7	0.0		10.0	0.0
<b>G6NDG2</b>	<b>52.2</b>	0.8	0.0	<b>31.8</b>	1.6	0.0	<b>92.9</b>	0.4	0.0	<b>25.0</b>	1.1		<b>34.6</b>	0.8	0.0
		4.2	0.0		9.5	0.0		1.6	0.0		8.7	0.0		5.6	0.0
<b>QB3B2R</b>	<b>48.0</b>	0.0		<b>22.0</b>	-0.1		<b>84.0</b>	-1.9		<b>7.0</b>	-1.1		<b>32.0</b>	0.4	
		0.0	0.0		-0.3	0.0		-7.3	0.0		-9.3	0.0		3.0	0.0
<b>3D69EG</b>	<b>35.8</b>	-2.2		<b>15.8</b>	-1.1		<b>87.8</b>	-0.9		<b>7.8</b>	-1.0		<b>21.8</b>	-1.1	0.0
		-12.2	0.0		-6.5	0.0		-3.5	0.0		-8.5	0.0		-7.2	0.0
<b>2Y8W7C</b>	<b>48.0</b>	0.0		<b>18.7</b>	-0.6	1.6	<b>88.0</b>	-0.9		<b>6.7</b>	-1.2	1.7	<b>26.7</b>	-0.3	1.3
		0.0	0.0		-3.7	2.3		-3.3	0.0		-9.7	2.3		-2.3	2.3
<b>B28ZB7</b>	<b>51.2</b>	0.6	1.2	<b>28.1</b>	1.0	2.2	<b>95.6</b>	1.1	0.2	<b>20.3</b>	0.5	2.1	<b>32.9</b>	0.6	2.5
		3.2	1.5		5.7	3.2		4.3	0.2		4.0	2.9		3.9	4.6
<b>CZ7M44</b>	<b>48.0</b>	0.0	2.8	<b>25.3</b>	0.5	2.1	<b>94.0</b>	0.7	2.7	<b>15.3</b>	-0.1	2.3	<b>29.3</b>	0.0	1.7
		0.0	3.5		3.0	3.1		2.7	2.0		-1.0	3.1		0.3	3.1
<b>QV4LLK</b>	<b>50.3</b>	0.4	1.9	<b>20.7</b>	-0.3	1.4	<b>91.3</b>	0.0	2.0	<b>15.7</b>	-0.1	2.3	<b>23.7</b>	-0.8	1.7
		2.3	2.3		-1.7	2.1		0.0	1.5		-0.7	3.1		-5.3	3.1
<b>F668JV</b>	<b>46.3</b>	-0.3	0.9	<b>21.7</b>	-0.1	0.8	<b>89.3</b>	-0.5	1.5	<b>32.0</b>	1.9		<b>30.0</b>	0.1	
		-1.7	1.2		-0.7	1.2		-2.0	1.2		15.7	0.0		1.0	0.0
<b>FWELDX</b>	<b>46.0</b>	-0.4	0.2	<b>19.8</b>	-0.4	0.3	<b>95.1</b>	1.0	0.8	<b>12.5</b>	-0.5	0.6	<b>24.1</b>	-0.7	0.2
		-2.0	0.2		-2.5	0.4		3.8	0.6		-3.8	0.8		-4.9	0.3
<b>4PWGDA</b>	<b>50.1</b>	0.4		<b>19.3</b>	-0.5		<b>95.6</b>	1.1		<b>12.8</b>	-0.4		<b>23.9</b>	-0.8	
		2.1	0.0		-3.0	0.0		4.3	0.0		-3.5	0.0		-5.1	0.0
<b>XLBLAF</b>	<b>46.0</b>	-0.4		<b>18.0</b>	-0.7		<b>94.0</b>	0.7		<b>12.0</b>	-0.5		<b>24.0</b>	-0.7	
		-2.0	0.0		-4.3	0.0		2.7	0.0		-4.3	0.0		-5.0	0.0





## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
		Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD	
<b>KN9DZT</b>	<b>50.3</b>	0.4	0.5	<b>24.1</b>	0.3	1.1	<b>92.9</b>	0.4	0.2	<b>18.3</b>	0.2	0.4	<b>30.9</b>	0.3	1.4
		2.3	0.6		1.8	1.6		1.5	0.1		2.0	0.6		1.9	2.6
<b>NT8YFL</b>	<b>22.8</b>	-4.6		<b>92.8</b>	11.9		<b>12.8</b>	-20.1		<b>32.8</b>	2.0		<b>87.2</b>	8.7	
		-25.2	0.0		70.5	0.0		-78.5	0.0		16.5	0.0		58.2	0.0
<b>HNU6YT</b>	<b>49.1</b>	0.2		<b>26.5</b>	0.7		<b>93.1</b>	0.5		<b>18.5</b>	0.3		<b>31.0</b>	0.3	
		1.1	0.0		4.2	0.0		1.8	0.0		2.2	0.0		2.0	0.0
<b>Q77MKK</b>	<b>48.0</b>	0.0		<b>13.0</b>	-1.6		<b>90.0</b>	-0.3		<b>10.0</b>	-0.8		<b>24.0</b>	-0.7	
		0.0	0.0		-9.3	0.0		-1.3	0.0		-6.3	0.0		-5.0	0.0
<b>P43R2G</b>	<b>53.5</b>	1.0	0.9	<b>30.0</b>	1.3	1.5	<b>95.2</b>	1.0	0.1	<b>22.5</b>	0.8	0.4	<b>35.1</b>	0.9	0.9
		5.5	1.1		7.7	2.2		3.9	0.1		6.2	0.6		6.1	1.7
<b>ALBLDW</b>	<b>36.5</b>	-2.1	0.9	<b>8.5</b>	-2.3	0.8	<b>81.2</b>	-2.6	0.0	<b>7.2</b>	-1.1	0.0	<b>15.2</b>	-2.1	0.0
		-11.5	1.2		-13.8	1.2		-10.1	0.0		-9.1	0.0		-13.8	0.0
<b>Grand Median</b>		48.0			22.3			91.3			16.3			29.0	
<b>Median Abs Dev</b>		2.0			3.0			1.9			4.1			3.9	
<b>Avg Within Lab SD</b>		1.2			1.5			0.7			1.3			1.8	
<b>Labs Included</b>		25			25			25			25			25	
<b>Labs Reporting</b>		25			25			25			25			25	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Silt 50 - 2 um (SubTestCode 188)	in the Particle Size Analysis Property Groups															Data units: Percent
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>NRW8AP</b>	<b>34.6</b>	-0.1	2.0	<b>55.8</b>	0.2	0.5	<b>3.8</b>	-0.1	1.8	<b>64.2</b>	0.3	0.5	<b>42.5</b>	0.4	1.0	
		-0.4	1.9		0.8	0.7		-0.3	1.3		2.8	0.7		2.5	1.3	
<b>6WAFT7</b>	<b>36.3</b>	0.3	1.2	<b>59.0</b>	0.8		<b>3.7</b>	-0.2	0.4	<b>65.7</b>	0.5	1.0	<b>44.3</b>	0.7	0.5	
		1.3	1.2		4.0	0.0		-0.3	0.3		4.3	1.5		4.3	0.6	
<b>C47NEY</b>	<b>30.7</b>	-1.0	0.6	<b>51.3</b>	-0.7	0.4	<b>5.0</b>	0.5		<b>56.0</b>	-0.6		<b>39.0</b>	-0.2		
		-4.3	0.6		-3.7	0.6		1.0	0.0		-5.3	0.0		-1.0	0.0	
<b>VJYMAG</b>	<b>31.3</b>	-0.9	0.6	<b>52.7</b>	-0.4	0.9	<b>4.0</b>	0.0	2.5	<b>57.0</b>	-0.5	0.7	<b>37.3</b>	-0.4	1.8	
		-3.7	0.6		-2.3	1.2		0.0	1.7		-4.3	1.0		-2.7	2.3	
<b>4RZ3B8</b>	<b>34.8</b>	0.0	1.3	<b>56.8</b>	0.3	1.3	<b>4.8</b>	0.4	1.1	<b>60.1</b>	-0.1	2.3	<b>33.5</b>	-1.1	1.8	
		-0.2	1.2		1.8	1.7		0.8	0.8		-1.2	3.4		-6.5	2.3	
<b>8NA3L2</b>	<b>36.0</b>	0.2	1.0	<b>54.0</b>	-0.2	1.5	<b>6.7</b>	1.2	0.8	<b>61.3</b>	0.0	1.0	<b>38.7</b>	-0.2	1.8	
		1.0	1.0		-1.0	2.0		2.7	0.6		0.0	1.5		-1.3	2.3	
<b>382E77</b>	<b>33.7</b>	-0.3	1.2	<b>53.7</b>	-0.3	0.9	<b>2.0</b>	-0.9	1.4	<b>55.3</b>	-0.7	0.8	<b>39.3</b>	-0.1	2.4	
		-1.3	1.2		-1.3	1.2		-2.0	1.0		-6.0	1.2		-0.7	3.1	
<b>32WJM7</b>	<b>41.2</b>	1.5	1.3	<b>61.3</b>	1.2	0.4	<b>3.8</b>	-0.1	1.7	<b>66.8</b>	0.7	0.9	<b>49.1</b>	1.5	0.6	
		6.2	1.2		6.3	0.6		-0.2	1.2		5.5	1.3		9.1	0.8	
<b>QUDDLH</b>	<b>30.0</b>	-1.2		<b>56.0</b>	0.2		<b>4.0</b>	0.0		<b>60.0</b>	-0.2		<b>32.0</b>	-1.3		
		-5.0	0.0		1.0	0.0		0.0	0.0		-1.3	0.0		-8.0	0.0	
<b>G6NDG2</b>	<b>31.2</b>	-0.9	0.0	<b>51.2</b>	-0.7	0.0	<b>6.6</b>	1.2	0.0	<b>53.6</b>	-0.9	0.0	<b>39.2</b>	-0.1	0.0	
		-3.8	0.0		-3.8	0.0		2.6	0.0		-7.7	0.0		-0.8	0.0	
<b>QB3B2R</b>	<b>35.0</b>	0.0		<b>55.0</b>	0.0		<b>5.0</b>	0.5		<b>74.0</b>	1.5		<b>39.0</b>	-0.2		
		0.0	0.0		0.0	0.0		1.0	0.0		12.7	0.0		-1.0	0.0	
<b>3D69EG</b>	<b>44.2</b>	2.1		<b>60.2</b>	1.0		<b>8.2</b>	1.9		<b>66.1</b>	0.6		<b>46.1</b>	1.0	0.0	
		9.2	0.0		5.2	0.0		4.2	0.0		4.8	0.0		6.1	0.0	
<b>2Y8W7C</b>	<b>32.0</b>	-0.7		<b>57.3</b>	0.4	1.8	<b>8.0</b>	1.9		<b>65.3</b>	0.5	1.6	<b>41.3</b>	0.2	1.8	
		-3.0	0.0		2.3	2.3		4.0	0.0		4.0	2.3		1.3	2.3	
<b>B28ZB7</b>	<b>36.4</b>	0.3	0.6	<b>61.0</b>	1.1	0.7	<b>1.6</b>	-1.1	0.3	<b>70.8</b>	1.2	1.4	<b>48.4</b>	1.4	0.0	
		1.4	0.6		6.0	1.0		-2.4	0.2		9.5	2.1		8.4	0.1	
<b>CZ7M44</b>	<b>37.0</b>	0.5	2.1	<b>55.0</b>	0.0	2.6	<b>4.0</b>	0.0	1.4	<b>62.0</b>	0.1	2.4	<b>42.3</b>	0.4	1.2	
		2.0	2.0		0.0	3.5		0.0	1.0		0.7	3.5		2.3	1.5	
<b>QV4LLK</b>	<b>36.0</b>	0.2	2.1	<b>54.7</b>	-0.1	0.4	<b>4.0</b>	0.0	1.4	<b>59.3</b>	-0.2	1.4	<b>42.7</b>	0.4	0.5	
		1.0	2.0		-0.3	0.6		0.0	1.0		-2.0	2.1		2.7	0.6	
<b>F668JV</b>	<b>31.7</b>	-0.8	1.2	<b>48.3</b>	-1.3	0.9	<b>4.7</b>	0.3	1.7	<b>38.0</b>	-2.8	1.4	<b>34.0</b>	-1.0		
		-3.3	1.2		-6.7	1.2		0.7	1.2		-23.3	2.0		-6.0	0.0	
<b>FWELDX</b>	<b>37.7</b>	0.6	0.5	<b>60.4</b>	1.0	0.4	<b>3.4</b>	-0.3	0.7	<b>62.8</b>	0.2	0.7	<b>47.4</b>	1.2	0.2	
		2.7	0.5		5.4	0.5		-0.6	0.5		1.4	1.0		7.4	0.3	
<b>4PWGDA</b>	<b>41.3</b>	1.5		<b>61.4</b>	1.2		<b>2.9</b>	-0.5		<b>71.1</b>	1.2		<b>49.0</b>	1.5		
		6.3	0.0		6.4	0.0		-1.1	0.0		9.8	0.0		9.0	0.0	
<b>XLBLAF</b>	<b>44.0</b>	2.1		<b>62.0</b>	1.3		<b>4.0</b>	0.0		<b>72.0</b>	1.3		<b>48.0</b>	1.3		
		9.0	0.0		7.0	0.0		0.0	0.0		10.7	0.0		8.0	0.0	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>KN9DZT</b>	<b>35.1</b>	0.0	0.7	<b>55.3</b>	0.1	1.8	<b>4.9</b>	0.4	1.0	<b>60.5</b>	-0.1	0.6	<b>41.4</b>	0.2	1.0
		0.1	0.7		0.3	2.3		0.9	0.7		-0.9	0.9		1.4	1.2
<b>NT8YFL</b>	<b>54.8</b>	4.6		<b>2.8</b>	-9.9		<b>66.8</b>	29.1		<b>36.8</b>	-3.0		<b>6.4</b>	-5.5	
		19.8	0.0		-52.2	0.0		62.8	0.0		-24.5	0.0		-33.6	0.0
<b>HNU6YT</b>	<b>31.6</b>	-0.8		<b>49.2</b>	-1.1		<b>2.4</b>	-0.7		<b>55.4</b>	-0.7		<b>36.3</b>	-0.6	
		-3.4	0.0		-5.8	0.0		-1.6	0.0		-5.9	0.0		-3.7	0.0
<b>Q77MKK</b>	<b>36.0</b>	0.2		<b>66.0</b>	2.1		<b>10.0</b>	2.8		<b>71.0</b>	1.2		<b>48.0</b>	1.3	
		1.0	0.0		11.0	0.0		6.0	0.0		9.7	0.0		8.0	0.0
<b>P43R2G</b>	<b>33.9</b>	-0.3	1.3	<b>49.7</b>	-1.0	2.0	<b>1.9</b>	-1.0	0.3	<b>62.9</b>	0.2	0.5	<b>38.4</b>	-0.3	1.3
		-1.1	1.3		-5.4	2.6		-2.1	0.2		1.6	0.7		-1.6	1.6
<b>ALBLDW</b>	<b>34.0</b>	-0.2		<b>54.0</b>	-0.2		<b>2.0</b>	-0.9		<b>58.0</b>	-0.4		<b>40.0</b>	0.0	
		-1.0	0.0		-1.0	0.0		-2.0	0.0		-3.3	0.0		0.0	0.0
<b>Grand Median</b>		35.0			55.0			4.00			61.3			40.0	
<b>Median Abs Dev</b>		2.0			3.7			1.00			4.3			2.7	
<b>Avg Within Lab SD</b>		1.0			1.3			0.70			1.5			1.3	
<b>Labs Included</b>		25			25			25			25			25	
<b>Labs Reporting</b>		25			25			25			25			25	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Clay 2 - 0 um (SubTestCode 189)				in the Particle Size Analysis Property Groups												Data units: Percent	
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515				
<b>NRW8AP</b>	<b>18.3</b>	0.4	1.4	<b>22.9</b>	0.5	0.8	<b>5.0</b>	0.4		<b>23.3</b>	0.3	1.1	<b>32.1</b>	0.7	0.6		
		2.0	1.4		2.3	0.7		1.2	0.0		1.9	1.4		3.1	0.7		
<b>6WAFT7</b>	<b>14.0</b>	-0.5	1.0	<b>18.7</b>	-0.4	0.7	<b>1.8</b>	-0.6	0.4	<b>17.7</b>	-0.6	0.9	<b>28.0</b>	-0.2			
		-2.3	1.0		-2.0	0.6		-2.0	0.3		-3.7	1.2		-1.0	0.0		
<b>C47NEY</b>	<b>16.3</b>	0.0	0.6	<b>21.3</b>	0.1	0.7	<b>2.0</b>	-0.6		<b>23.0</b>	0.2		<b>29.7</b>	0.1	0.4		
		0.0	0.6		0.7	0.6		-1.8	0.0		1.6	0.0		0.7	0.6		
<b>VJYMAG</b>	<b>18.7</b>	0.5	1.5	<b>23.7</b>	0.7	0.7	<b>5.0</b>	0.4	2.8	<b>26.7</b>	0.8	0.4	<b>33.7</b>	1.0	0.4		
		2.3	1.5		3.0	0.6		1.2	2.0		5.3	0.6		4.7	0.6		
<b>4RZ3B8</b>	<b>15.3</b>	-0.2	1.1	<b>20.7</b>	0.0	1.3	<b>2.7</b>	-0.4	1.6	<b>20.7</b>	-0.1	3.2	<b>28.0</b>	-0.2	1.5		
		-1.0	1.2		0.0	1.2		-1.2	1.2		-0.7	4.2		-1.0	2.0		
<b>8NA3L2</b>	<b>17.3</b>	0.2	0.6	<b>20.7</b>	0.0	1.3	<b>3.7</b>	-0.1	0.8	<b>22.0</b>	0.1	0.8	<b>31.3</b>	0.5	0.9		
		1.0	0.6		0.0	1.2		-0.2	0.6		0.6	1.0		2.3	1.2		
<b>382E77</b>	<b>11.0</b>	-1.1		<b>23.0</b>	0.5		<b>5.3</b>	0.5	0.8	<b>16.3</b>	-0.8	0.9	<b>33.0</b>	0.9	1.5		
		-5.3	0.0		2.3	0.0		1.5	0.6		-5.1	1.2		4.0	2.0		
<b>32WJM7</b>	<b>20.7</b>	0.9	0.4	<b>23.9</b>	0.7	0.3	<b>6.7</b>	0.9	0.7	<b>21.0</b>	-0.1	0.2	<b>32.7</b>	0.8	0.6		
		4.3	0.4		3.3	0.2		2.9	0.5		-0.4	0.2		3.7	0.8		
<b>QUDDLH</b>	<b>9.0</b>	-1.5		<b>19.0</b>	-0.4		<b>5.0</b>	0.4		<b>9.0</b>	-1.9		<b>29.0</b>	0.0			
		-7.3	0.0		-1.7	0.0		1.2	0.0		-12.4	0.0		0.0	0.0		
<b>G6NDG2</b>	<b>16.6</b>	0.1	0.0	<b>17.0</b>	-0.8		<b>0.5</b>	-1.0		<b>21.4</b>	0.0	0.0	<b>26.2</b>	-0.6	0.0		
		0.3	0.0		-3.7	0.0		-3.3	0.0		0.0	0.0		-2.8	0.0		
<b>QB3B2R</b>	<b>17.0</b>	0.1		<b>23.0</b>	0.5		<b>11.0</b>	2.2		<b>19.0</b>	-0.4		<b>29.0</b>	0.0			
		0.7	0.0		2.3	0.0		7.2	0.0		-2.4	0.0		0.0	0.0		
<b>3D69EG</b>	<b>20.0</b>	0.7		<b>24.0</b>	0.7		<b>4.0</b>	0.1		<b>26.1</b>	0.7		<b>32.1</b>	0.7	0.0		
		3.7	0.0		3.3	0.0		0.2	0.0		4.7	0.0		3.1	0.0		
<b>2Y8W7C</b>	<b>20.0</b>	0.7		<b>24.0</b>	0.7		<b>4.0</b>	0.1		<b>28.0</b>	1.0		<b>32.0</b>	0.6			
		3.7	0.0		3.3	0.0		0.2	0.0		6.6	0.0		3.0	0.0		
<b>B28ZB7</b>	<b>12.3</b>	-0.8	1.4	<b>11.0</b>	-2.2	2.8	<b>2.8</b>	-0.3	0.1	<b>8.9</b>	-1.9	0.6	<b>18.7</b>	-2.2	3.5		
		-4.0	1.5		-9.7	2.5		-1.1	0.1		-12.5	0.8		-10.3	4.5		
<b>CZ7M44</b>	<b>15.0</b>	-0.3	2.0	<b>19.7</b>	-0.2	2.6	<b>2.0</b>	-0.6	1.8	<b>22.7</b>	0.2	1.8	<b>28.3</b>	-0.1	1.6		
		-1.3	2.0		-1.0	2.3		-1.9	1.3		1.3	2.3		-0.7	2.1		
<b>QV4LLK</b>	<b>13.7</b>	-0.5	3.0	<b>24.3</b>	0.8	1.3	<b>5.0</b>	0.4	2.5	<b>24.7</b>	0.5	2.4	<b>33.0</b>	0.9	1.5		
		-2.7	3.1		3.7	1.2		1.2	1.7		3.3	3.2		4.0	2.0		
<b>F668JV</b>	<b>22.0</b>	1.1		<b>30.0</b>	2.1		<b>6.0</b>	0.7		<b>29.3</b>	1.2	0.9	<b>36.0</b>	1.5			
		5.7	0.0		9.3	0.0		2.2	0.0		7.9	1.2		7.0	0.0		
<b>FWELDX</b>	<b>16.3</b>	0.0	0.3	<b>19.8</b>	-0.2	0.2	<b>1.5</b>	-0.7	0.4	<b>24.7</b>	0.5	0.3	<b>28.5</b>	-0.1	0.2		
		0.0	0.4		-0.9	0.2		-2.4	0.3		3.3	0.4		-0.5	0.3		
<b>4PWGDA</b>	<b>8.7</b>	-1.6		<b>19.3</b>	-0.3		<b>1.5</b>	-0.7		<b>16.1</b>	-0.8		<b>27.0</b>	-0.4			
		-7.7	0.0		-1.4	0.0		-2.4	0.0		-5.3	0.0		-2.0	0.0		
<b>XLBLAF</b>	<b>10.0</b>	-1.3		<b>20.0</b>	-0.1		<b>2.0</b>	-0.6		<b>16.0</b>	-0.8		<b>28.0</b>	-0.2			
		-6.3	0.0		-0.7	0.0		-1.8	0.0		-5.4	0.0		-1.0	0.0		



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>KN9DZT</b>	<b>14.6</b>	-0.4	1.2	<b>20.6</b>	0.0	1.0	<b>2.2</b>	-0.5	1.0	<b>21.2</b>	0.0	1.0	<b>27.7</b>	-0.3	1.1
		-1.7	1.2		-0.1	0.9		-1.6	0.7		-0.2	1.3		-1.3	1.5
<b>NT8YFL</b>	<b>22.4</b>	1.2		<b>4.4</b>	-3.6		<b>20.4</b>	5.1		<b>30.4</b>	1.4		<b>6.4</b>	-4.8	
		6.1	0.0		-16.3	0.0		16.6	0.0		9.0	0.0		-22.6	0.0
<b>HNU6YT</b>	<b>19.3</b>	0.6		<b>24.3</b>	0.8		<b>4.5</b>	0.2		<b>26.0</b>	0.7		<b>32.8</b>	0.8	
		3.0	0.0		3.6	0.0		0.7	0.0		4.6	0.0		3.8	0.0
<b>Q77MKK</b>	<b>16.0</b>	-0.1		<b>21.0</b>	0.1					<b>19.0</b>	-0.4		<b>28.0</b>	-0.2	
		-0.3	0.0		0.3	0.0					-2.4	0.0		-1.0	0.0
<b>P43R2G</b>	<b>12.6</b>	-0.7	0.3	<b>20.4</b>	-0.1	0.5	<b>2.9</b>	-0.3	0.3	<b>14.6</b>	-1.0	0.2	<b>26.5</b>	-0.5	0.1
		-3.7	0.4		-0.3	0.4		-0.9	0.2		-6.8	0.3		-2.5	0.1
<b>ALBLDW</b>	<b>29.5</b>	2.7	1.1	<b>37.5</b>	3.7	1.3	<b>16.8</b>	4.0	0.0	<b>34.8</b>	2.0	0.0	<b>44.8</b>	3.4	0.0
		13.1	1.2		16.8	1.2		13.0	0.0		13.4	0.0		15.8	0.0
<b>Grand Median</b>		16.3			20.7			3.83			21.4			29.0	
<b>Median Abs Dev</b>		2.7			2.3			1.57			3.7			2.5	
<b>Avg Within Lab SD</b>		1.0			0.9			0.71			1.3			1.3	
<b>Labs Included</b>		25			25			24			25			25	
<b>Labs Reporting</b>		25			25			24			25			25	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Solvita CO2 Soil Respiration Test (SubTestCode 191) in the Other 2 Property Groups															Data units: mg/kg	
	SRSSRS1511			SRSSRS1512			SRSSRS1513			SRSSRS1514			SRSSRS1515			
<b>6WAFT7</b>	<b>11.1</b>	-0.4	0.1	<b>21.7</b>	-0.3	0.2	<b>4.0</b>	-0.3	0.2	<b>36.2</b>	-0.3	0.2	<b>6.8</b>	-0.3	0.1	
		-7.3	0.3		-4.8	3.2		-1.1	0.3		-7.2	0.8		-1.9	0.3	
<b>C47NEY</b>	<b>20.5</b>	0.1	0.1	<b>31.3</b>	0.3	0.0	<b>7.6</b>	0.7	0.2	<b>40.0</b>	-0.1	0.1	<b>12.4</b>	0.7	0.1	
		2.1	0.4		4.8	0.3		2.4	0.5		-3.4	0.2		3.7	0.4	
<b>QUDDLH</b>	<b>18.4</b>	0.0		<b>30.3</b>	0.3		<b>5.2</b>	0.0		<b>57.2</b>	0.5		<b>7.5</b>	-0.2		
		0.0	0.0		3.7	0.0		0.0	0.0		13.8	0.0		-1.2	0.0	
<b>LDGEMR</b>	<b>33.6</b>	0.9	2.1	<b>24.2</b>	-0.2	0.2	<b>4.9</b>	-0.1	1.2	<b>49.3</b>	0.2	0.4	<b>9.5</b>	0.1	0.4	
		15.2	12.4		-2.3	2.2		-0.2	2.3		5.9	1.3		0.8	1.1	
	<b>60.5</b>	2.5	1.5	<b>64.9</b>	2.6	2.6	<b>16.4</b>	3.0	2.3	<b>118.5</b>	2.8	1.5	<b>22.9</b>	2.6	2.6	
		42.1	9.1		38.4	37.1		11.3	4.2		75.1	5.3		14.3	7.5	
<b>PAPEWM</b>	<b>6.8</b>	-0.7		<b>10.7</b>	-1.1		<b>2.6</b>	-0.7		<b>22.1</b>	-0.8		<b>4.3</b>	-0.8		
		-11.6	0.0		-15.9	0.0		-2.5	0.0		-21.3	0.0		-4.4	0.0	
<b>XKF48E</b>	<b>17.4</b>	-0.1	0.4	<b>26.5</b>	0.0	0.2	<b>5.1</b>	0.0	0.3	<b>43.4</b>	0.0	2.2	<b>8.7</b>	0.0	0.3	
		-1.0	2.5		0.0	2.4		0.0	0.6		0.0	7.7		0.0	0.8	
<b>Grand Median</b>		18.4			26.5			5.11			43.4			8.67		
<b>Median Abs Dev</b>		7.3			4.8			1.10			7.2			1.86		
<b>Avg Within Lab SD</b>		5.9			14.1			1.84			3.6			2.87		
<b>Labs Included</b>		7			7			7			7			7		
<b>Labs Reporting</b>		7			7			7			7			7		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Soil Nitrogen Mineralization Potential (SubTestCode 192)	in the Other 2 Property Groups										Data units: mg/kg
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515		
<b>6WAFT7</b>	<b>23.0</b>	0.0	<b>37.3</b>	1.0 3.8	<b>10.3</b>	1.0 0.6	<b>52.7</b>	1.0 1.2	<b>15.3</b>	1.0 0.6	
<b>Grand Median</b>	23.0		37.3		10.3		52.7		15.3		
<b>Median Abs Dev</b>	0.0		3.8		0.6		1.2		0.6		
<b>Avg Within Lab SD</b>	0.0		3.8		0.6		1.2		0.6		
<b>Labs Included</b>	1		1		1		1		1		
<b>Labs Reporting</b>	1		1		1		1		1		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

Illinois Lime Requirement (SubTestCode 193)	in the Other 2 Property Groups								Data units: ton/acre	
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515	
<b>6WAFT7</b>	<b>9.83</b>	1.00 0.29	<b>5.00</b>	0.00	<b>3.33</b>	1.00 0.29	<b>4.00</b>	0.00	<b>5.17</b>	1.00 0.29
<b>Grand Median</b>	9.83		5.00		3.33		4.00		5.17	
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>	0.29		0.00		0.29		0.00		0.29	
<b>Labs Included</b>	1		1		1		1		1	
<b>Labs Reporting</b>	1		1		1		1		1	





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

DTPA-sorbitol extractable S (SubTestCode 194)	in the Other 2 Property Groups										Data units: mg/kg
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515		
<b>6WAFT7</b>	<b>24.33</b>	1.11			<b>11.33</b>	1.57			<b>1.00</b>		0.00
		0.58				0.58					
<b>477W66</b>	<b>8.67</b>	1.11	<b>6.00</b>		<b>4.00</b>		<b>4.00</b>		<b>6.00</b>		0.00
		0.58		0.00		0.00		0.00		0.00	
<b>6YCNP4</b>	<b>12.13</b>	0.73	<b>8.47</b>	1.00	<b>3.80</b>	0.72	<b>6.57</b>	1.00	<b>10.13</b>	1.00	1.00
		0.38		0.15		0.26		0.12		0.67	0.67
<b>Grand Median</b>		12.1		7.23		4.00		5.28		6.00	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>		0.5		0.15		0.37		0.12		0.67	
<b>Labs Included</b>		3		2		3		2		3	
<b>Labs Reporting</b>		3		2		3		2		3	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		

DTPA-sorbitol extractable AI (SubTestCode 195)	in the Other 2 Property Groups									Data units: mg/kg
	SRSSRS1511		SRSSRS1512		SRSSRS1513		SRSSRS1514		SRSSRS1515	
<b>6YCNP4</b>	<b>53.27</b>	1.00 24.73	<b>1.70</b>	1.00 1.14	<b>25.13</b>	1.00 2.93	<b>3.47</b>	1.00 1.34	<b>2.39</b>	1.00 1.17
<b>Grand Median</b>	53.3		1.70		25.1		3.47		2.39	
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>	24.7		1.14		2.9		1.34		1.17	
<b>Labs Included</b>	1		1		1		1		1	
<b>Labs Reporting</b>	1		1		1		1		1	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD			Difference W/L STD		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Dry Matter (%) (SubTestCode 201)										Data units: Percent
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>NRW8AP</b>	<b>94.9</b>	1.4	0.1	<b>92.8</b>	0.6	0.2	<b>95.1</b>	0.2	0.1	
		1.7	0.1		1.0	0.1		0.2	0.0	
<b>6WAFT7</b>	<b>92.8</b>	-0.3	0.0	<b>90.5</b>	-0.8	0.0	<b>94.3</b>	-0.5	0.0	
		-0.4	0.0		-1.3	0.0		-0.6	0.0	
<b>C47NEY</b>	<b>93.2</b>	0.0	0.3	<b>91.8</b>	0.0	0.4	<b>94.9</b>	0.0	0.2	
		0.0	0.2		-0.1	0.2		0.1	0.1	
<b>7WA3K4</b>	<b>92.6</b>	-0.5	0.0	<b>90.2</b>	-1.0	0.1	<b>94.2</b>	-0.5	0.0	
		-0.6	0.0		-1.6	0.0		-0.7	0.0	
<b>C4PRLY</b>	<b>93.2</b>	0.0	0.1	<b>92.0</b>	0.1	0.1	<b>94.8</b>	0.0	0.0	
		0.0	0.0		0.2	0.0		-0.1	0.0	
<b>477W66</b>	<b>6.4</b>	-72.0	0.1	<b>2.3</b>	-55.7	0.1	<b>2.2</b>	-72.8	0.0	
		-86.9	0.1		-89.6	0.1		-92.7	0.0	
<b>Q4YHTG</b>	<b>92.4</b>	-0.6	0.0	<b>90.4</b>	-0.9	0.0	<b>94.2</b>	-0.5	0.0	
		-0.8	0.0		-1.4	0.0		-0.7	0.0	
<b>KD74FP</b>	<b>94.3</b>	0.9	0.5	<b>92.6</b>	0.5	0.1	<b>95.8</b>	0.7	0.2	
		1.1	0.3		0.8	0.1		0.9	0.1	
<b>3D69EG</b>	<b>93.6</b>	0.4	0.2	<b>92.2</b>	0.2	0.3	<b>96.2</b>	1.0	0.2	
		0.4	0.1		0.3	0.1		1.3	0.1	
<b>BL7NF7</b>	<b>91.8</b>	-1.1	0.2	<b>89.8</b>	-1.3	0.1	<b>93.3</b>	-1.2	0.4	
		-1.4	0.1		-2.1	0.0		-1.6	0.2	
<b>HMD97T</b>	<b>94.1</b>	0.7	0.2	<b>92.4</b>	0.3	0.3	<b>95.8</b>	0.8	0.2	
		0.9	0.1		0.6	0.1		1.0	0.1	
<b>3N2CJA</b>	<b>94.1</b>	0.7		<b>91.9</b>	0.0		<b>95.6</b>	0.6		
		0.8	0.0		0.1	0.0		0.7	0.0	
	<b>94.1</b>	0.7		<b>91.9</b>	0.0		<b>95.6</b>	0.6		
		0.8	0.0		0.1	0.0		0.7	0.0	
<b>TPMZPJ</b>	<b>95.2</b>	1.6	3.7	<b>96.0</b>	2.6	3.7	<b>97.9</b>	2.3	3.7	
		2.0	1.8		4.2	1.7		3.0	2.0	
<b>NT8YFL</b>	<b>92.8</b>	-0.3	0.3	<b>90.3</b>	-1.0	0.2	<b>94.3</b>	-0.5	0.2	
		-0.4	0.2		-1.5	0.1		-0.6	0.1	
<b>Grand Median</b>	<b>93.2</b>			<b>91.8</b>			<b>94.9</b>			
<b>Median Abs Dev</b>	<b>0.8</b>			<b>0.9</b>			<b>0.7</b>			
<b>Avg Within Lab SD</b>	<b>0.5</b>			<b>0.5</b>			<b>0.5</b>			
<b>Labs Included</b>	<b>14</b>			<b>14</b>			<b>14</b>			
<b>Labs Reporting</b>	<b>14</b>			<b>14</b>			<b>14</b>			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

NO3 - N Cd Rd. (SubTestCode 202) <span style="float: right;">Data units: mg/kg</span>									
	SRBSRB1507			SRBSRB1508			SRBSRB1509		
<b>NRW8AP</b>	<b>253.1</b>	-3.0	0.0	<b>43.7</b>	0.0	0.7	<b>457.7</b>	2.7	2.4
		-19,972.8	4.8		0.4	5.3		240.4	21.2
<b>HGWQWR</b>	<b>20,950.7</b>	0.1	0.4	<b>110.3</b>	1.7	3.4	<b>287.7</b>	0.8	0.3
		724.7	262.3		67.0	25.1		70.3	2.5
<b>FQP3HU</b>	<b>20,324.3</b>	0.0	0.5	<b>10.0</b>	-0.9	0.1	<b>243.3</b>	0.3	1.3
		98.4	299.8		-33.3	1.0		26.0	11.2
<b>C47NEY</b>	<b>20,268.6</b>	0.0	0.1	<b>50.4</b>	0.2	0.3	<b>244.0</b>	0.3	0.3
		42.6	70.7		7.1	1.9		26.7	2.6
<b>4RZ3B8</b>	<b>20,183.3</b>	0.0	0.7	<b>70.2</b>	0.7	0.3	<b>181.6</b>	-0.4	0.6
		-42.6	480.5		26.8	2.5		-35.7	5.4
<b>C4PRLY</b>	<b>20,427.3</b>	0.0	0.8	<b>84.7</b>	1.1	0.1	<b>214.3</b>	0.0	0.2
		201.4	531.9		41.3	0.6		-3.0	1.5
<b>477W66</b>	<b>20,637.3</b>	0.1	2.5	<b>156.7</b>	2.9	0.6	<b>254.3</b>	0.4	1.4
		411.4	1,612.9		113.3	4.2		37.0	12.1
<b>4XQDK7</b>	<b>21,261.3</b>	0.2	1.4	<b>43.3</b>	0.0	0.5	<b>234.7</b>	0.2	1.6
		1,035.4	882.4		0.0	4.0		17.3	13.7
<b>CQF2X6</b>	<b>3.7</b>	-3.0	0.0	<b>14.0</b>	-0.8	0.9	<b>29.0</b>	-2.1	0.1
		-20,222.2	0.2		-29.3	6.9		-188.3	1.0
<b>UB76AM</b>	<b>18,296.7</b>	-0.3	0.5	<b>43.3</b>	0.0	0.2	<b>220.3</b>	0.0	0.4
		-1,929.3	327.2		0.0	1.5		3.0	3.5
<b>BL7NF7</b>	<b>19,739.8</b>	-0.1	0.5	<b>32.3</b>	-0.3	0.1	<b>150.6</b>	-0.7	0.5
		-486.2	350.0		-11.1	0.5		-66.7	4.4
<b>XX43YG</b>	<b>23,071.3</b>	0.4	2.0	<b>457.7</b>	10.6	9.3	<b>617.7</b>	4.5	10.9
		2,845.4	1,322.6		414.3	69.9		400.3	95.2
<b>CZ7M44</b>	<b>14,766.7</b>	-0.8	1.5	<b>38.1</b>	-0.1	0.7	<b>198.0</b>	-0.2	0.9
		-5,459.3	971.3		-5.2	4.9		-19.3	7.9
<b>HMD97T</b>	<b>20,507.7</b>	0.0	1.2	<b>26.9</b>	-0.4	0.0	<b>189.8</b>	-0.3	0.4
		281.7	767.8		-16.4	0.1		-27.6	3.2
<b>NT8YFL</b>	<b>8,464.0</b>	-1.8	0.1	<b>26.9</b>	-0.4	0.3	<b>137.6</b>	-0.9	0.2
		-11,762.0	96.8		-16.4	2.4		-79.7	1.7
<b>Grand Median</b>		20,226.0		43.3			217.3		
<b>Median Abs Dev</b>		605.4		16.4			31.6		
<b>Avg Within Lab SD</b>		645.3		7.5			8.7		
<b>Labs Included</b>		14		14			14		
<b>Labs Reporting</b>		14		14			14		



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Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

NO3 - N ISE (SubTestCode 203) <span style="float: right;">Data units: mg/kg</span>									
	SRBSRB1507			SRBSRB1508			SRBSRB1509		
<b>6WAFT7</b>	<b>19,801.1</b>	-0.7	0.1	<b>127.1</b>	0.0	0.0	<b>307.7</b>	0.0	0.1
		-400.3	112.1		0.0	0.0		0.0	5.3
<b>7WA3K4</b>	<b>21,350.6</b>	2.1	0.0	<b>567.6</b>	2.5	1.5	<b>1,046.0</b>	3.0	0.9
		1,149.2	43.6		440.6	50.9		738.3	33.5
<b>CE8C7V</b>	<b>20,201.4</b>	0.0	1.7	<b>260.1</b>	0.8	1.3	<b>336.3</b>	0.1	1.8
		0.0	1,897.2		133.1	43.9		28.7	67.0
<b>32WJM7</b>	<b>20,100.0</b>	-0.2	0.1	<b>125.0</b>	0.0	0.7	<b>258.0</b>	-0.2	0.2
		-101.4	100.0		-2.1	24.3		-49.7	7.8
<b>4C4V8E</b>	<b>20,400.0</b>	0.4	1.4	<b>105.3</b>	-0.1	0.8	<b>301.0</b>	0.0	0.8
		198.6	1,539.5		-21.7	26.3		-6.7	29.5
<b>Grand Median</b>	20,201.4			127.1			307.7		
<b>Median Abs Dev</b>	198.6			21.7			28.7		
<b>Avg Within Lab SD</b>	1,094.9			34.1			36.3		
<b>Labs Included</b>	5			5			5		
<b>Labs Reporting</b>	5			5			5		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

NO3 - N Oth. (SubTestCode 204)	Data units: mg/kg							
	SRBSRB1507		SRBSRB1508		SRBSRB1509			
<b>CE8C7V</b>	<b>20,557.5</b>	0.0	1.7					
		-807.9	3,726.5					
<b>KD74FP</b>	<b>22,173.3</b>	0.0	0.4	<b>70.0</b>		<b>217.7</b>	0.0	
		807.9	939.1		0.0		1.2	
<b>8QG8D6</b>	<b>91,637.3</b>	2.6	0.8	<b>11,159.6</b>	1.4	<b>12,706.6</b>	1.7	
		70,271.9	1,780.8		233.8		57.2	
<b>Q77MKK</b>	<b>19,786.0</b>	-0.1	0.6	<b>1,032.5</b>		<b>1,010.7</b>		
		-1,579.5	1,235.0		0.0		0.0	
<b>Grand Median</b>		21,365.4		1,032.5		1,010.7		
<b>Median Abs Dev</b>		1,193.7						
<b>Avg Within Lab SD</b>		2,206.0		165.3		33.0		
<b>Labs Included</b>		4		3		3		
<b>Labs Reporting</b>		4		3		3		



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Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

NH4-N (SubTestCode 205) <span style="float: right;">Data units: mg/kg</span>						
	SRBSRB1507		SRBSRB1508		SRBSRB1509	
<b>C4PRLY</b>	<b>108.0</b>	0.0	<b>35.7</b>	0.1	<b>2.0</b>	0.0
		3.0		2.9		0.0
<b>HMD97T</b>	<b>1,514.6</b>	0.1	<b>470.6</b>	0.3	<b>114.9</b>	0.2
		16.3		15.3		5.1
<b>Q77MKK</b>	<b>2,643.8</b>	1.7	<b>612.0</b>	1.7	<b>319.7</b>	1.4
		527.2		94.6		32.2
<b>Grand Median</b>	1,514.6		470.6		114.9	
<b>Median Abs Dev</b>						
<b>Avg Within Lab SD</b>	304.6		55.4		23.0	
<b>Labs Included</b>	3		3		3	
<b>Labs Reporting</b>	3		3		3	





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

PO4 - P (SubTestCode 206) <span style="float: right;">Data units: mg/kg</span>									
	SRBSRB1507			SRBSRB1508			SRBSRB1509		
<b>6WAFT7</b>	<b>4,204.4</b>	0.4	0.2	<b>1,581.8</b>	1.2	0.9	<b>1,053.8</b>	1.2	0.5
		274.4	43.5		261.8	42.9		140.0	34.1
<b>HGWQWR</b>	<b>3,393.7</b>	-0.8	0.2	<b>1,134.3</b>	-0.9	0.5	<b>816.3</b>	-0.9	0.2
		-536.3	34.6		-185.7	25.3		-97.5	10.2
<b>FQP3HU</b>	<b>4,231.3</b>	0.4	0.8	<b>1,282.3</b>	-0.2	0.7	<b>838.3</b>	-0.7	0.2
		301.3	167.6		-37.7	32.6		-75.5	11.8
<b>4RZ3B8</b>	<b>3,848.0</b>	-0.1	0.5	<b>1,320.0</b>	0.0	0.2	<b>913.9</b>	0.0	0.2
		-82.0	107.9		0.0	10.0		0.0	15.7
<b>C4PRLY</b>	<b>4,229.0</b>	0.4	1.0	<b>1,925.7</b>	2.8	1.8	<b>1,152.7</b>	2.1	0.2
		299.0	208.7		605.7	88.0		238.8	15.6
<b>477W66</b>	<b>4,083.7</b>	0.2	0.8	<b>1,392.0</b>	0.3	1.0	<b>923.3</b>	0.1	0.1
		153.7	178.0		72.0	46.3		9.5	5.5
<b>CE8C7V</b>	<b>3,080.0</b>	-1.3	1.3	<b>1,270.0</b>	-0.2	1.0	<b>903.7</b>	-0.1	1.2
		-850.0	270.7		-50.0	45.8		-10.2	77.3
<b>4XQDK7</b>	<b>3,948.0</b>	0.0	1.0	<b>1,251.0</b>	-0.3	1.1	<b>873.0</b>	-0.4	0.6
		18.0	207.2		-69.0	54.7		-40.9	37.6
<b>32WJM7</b>	<b>3,930.0</b>	0.0	0.4	<b>1,220.0</b>	-0.5	0.4	<b>813.3</b>	-0.9	2.1
		0.0	80.0		-100.0	20.0		-100.5	133.2
<b>XX43YG</b>	<b>3,467.3</b>	-0.7	2.4	<b>1,438.0</b>	0.6	1.2	<b>1,018.0</b>	0.9	1.9
		-462.7	508.6		118.0	59.6		104.1	121.4
<b>8QG8D6</b>	<b>1,883.5</b>	-3.0	0.1	<b>1,403.2</b>	0.4	1.0	<b>937.4</b>	0.2	0.7
		-2,046.5	28.1		83.2	49.4		23.6	45.7
<b>Grand Median</b>		3,930.0		1,320.0			913.9		
<b>Median Abs Dev</b>		299.0		83.2			75.5		
<b>Avg Within Lab SD</b>		213.2		47.7			63.2		
<b>Labs Included</b>		11		11			11		
<b>Labs Reporting</b>		11		11			11		



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Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

SO4 - S (SubTestCode 207) <span style="float: right;">Data units: mg/kg</span>									
	SRBSRB1507			SRBSRB1508			SRBSRB1509		
<b>6WAFT7</b>	<b>0.2</b>	-1.2	0.0	<b>0.1</b>	-0.7	0.0	<b>0.0</b>	-0.9	0.0
		-1,827.8	0.0		-889.5	0.0		-829.9	0.0
<b>7WA3K4</b>	<b>1,972.2</b>	0.1	0.6	<b>908.6</b>	0.0	0.6	<b>831.9</b>	0.0	1.7
		144.3	61.5		18.9	46.4		1.9	41.1
<b>C4PRLY</b>	<b>1,683.7</b>	-0.1	1.0	<b>870.7</b>	0.0	0.5	<b>828.0</b>	0.0	0.7
		-144.3	107.9		-18.9	41.3		-1.9	16.5
<b>8QG8D6</b>	<b>3,946.8</b>	1.3	1.7	<b>3,272.9</b>	1.9	1.8	<b>2,451.9</b>	1.8	0.8
		2,118.9	181.7		2,383.3	150.9		1,622.0	20.2
<b>Grand Median</b>		1,828.0			889.6			829.9	
<b>Median Abs Dev</b>		986.0			454.2			415.9	
<b>Avg Within Lab SD</b>		110.1			81.6			24.3	
<b>Labs Included</b>		4			4			4	
<b>Labs Reporting</b>		4			4			4	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

CI (SubTestCode 208)	Data units: Percent								
	SRBSRB1507			SRBSRB1508			SRBSRB1509		
<b>6WAF7</b>	<b>1.10</b>	-0.01	0.04	<b>0.08</b>	-0.19	0.00	<b>0.15</b>	0.03	0.00
		0.00	0.01		-0.02	0.00		0.01	0.00
<b>HGWQWR</b>	<b>1.04</b>	-0.23	0.11	<b>0.08</b>	-0.15	0.59	<b>0.13</b>	-0.05	0.00
		-0.05	0.02		-0.01	0.01		-0.01	0.00
<b>FQP3HU</b>	<b>1.17</b>	0.31	0.28	<b>0.08</b>	-0.21	1.67	<b>1.38</b>	4.87	2.70
		0.08	0.04		-0.02	0.02		1.24	0.04
<b>C47NEY</b>	<b>1.20</b>	0.43	0.18	<b>0.09</b>	-0.10	0.30	<b>0.13</b>	-0.04	0.38
		0.11	0.03		-0.01	0.00		-0.01	0.01
<b>4RZ3B8</b>	<b>1.16</b>	0.27	0.18	<b>0.29</b>	2.11	1.44	<b>0.35</b>	0.81	0.37
		0.07	0.03		0.20	0.01		0.21	0.01
<b>C4PRLY</b>	<b>1.00</b>	-0.40	0.14	<b>0.11</b>	0.10	0.59	<b>0.14</b>	-0.03	0.38
		-0.10	0.02		0.01	0.01		-0.01	0.01
<b>KD74FP</b>	<b>1.06</b>	-0.17	0.25	<b>0.12</b>	0.21	1.55	<b>0.10</b>	-0.16	0.38
		-0.04	0.04		0.02	0.02		-0.04	0.01
<b>4XQDK7</b>	<b>1.34</b>	1.01	0.44	<b>0.14</b>	0.42	1.55	<b>0.25</b>	0.42	1.76
		0.25	0.06		0.04	0.02		0.11	0.03
<b>32WJM7</b>	<b>1.10</b>	0.01	0.12	<b>0.12</b>	0.21	0.59	<b>0.16</b>	0.05	1.39
		0.00	0.02		0.02	0.01		0.01	0.02
<b>CQF2X6</b>	<b>1.41</b>	1.27	3.68	<b>0.34</b>	2.57	1.55	<b>0.41</b>	1.06	0.77
		0.31	0.51		0.24	0.02		0.27	0.01
<b>UB76AM</b>	<b>1.25</b>	0.63	0.34	<b>3.20</b>	33.29	1.70	<b>3,393.67</b>	13,374.49	7,362.17
		0.15	0.05		3.10	0.02		3,393.52	110.57
<b>BL7NF7</b>	<b>1.51</b>	1.68	0.08	<b>0.25</b>	1.66	0.88	<b>0.43</b>	1.12	0.54
		0.41	0.01		0.16	0.01		0.28	0.01
<b>HMD97T</b>	<b>1.10</b>	-0.01	0.07	<b>0.05</b>	-0.48	0.12	<b>0.09</b>	-0.21	0.09
		0.00	0.01		-0.04	0.00		-0.05	0.00
<b>KN9DZT</b>	<b>1.02</b>	-0.34	0.04	<b>0.05</b>	-0.52	0.12	<b>0.08</b>	-0.25	0.10
		-0.08	0.01		-0.05	0.00		-0.06	0.00
<b>Q77MKG</b>	<b>0.30</b>	-3.29	0.10	<b>0.05</b>	-0.51	0.00	<b>0.06</b>	-0.35	0.47
		-0.80	0.01		-0.05	0.00		-0.09	0.01
<b>Grand Median</b>		1.10			0.10			0.14	
<b>Median Abs Dev</b>		0.08			0.03			0.06	
<b>Avg Within Lab SD</b>		0.14			0.01			0.02	
<b>Labs Included</b>		14			14			14	
<b>Labs Reporting</b>		14			14			14	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

TKN (SubTestCode 209)	Data units: Percent								
	SRBSRB1507			SRBSRB1508			SRBSRB1509		
<b>6WAFT7</b>	<b>4.93</b>	0.06	0.02	<b>2.46</b>	0.97	0.26	<b>2.23</b>	-0.13	0.10
		0.06	0.01		0.15	0.02		-0.02	0.01
<b>FQP3HU</b>	<b>4.68</b>	-0.17	0.04	<b>2.41</b>	0.68	0.80	<b>2.45</b>	1.47	0.85
		-0.19	0.02		0.11	0.06		0.21	0.12
<b>4RZ3B8</b>	<b>4.81</b>	-0.06	0.30	<b>2.22</b>	-0.56	1.86	<b>2.14</b>	-0.73	0.42
		-0.06	0.16		-0.09	0.14		-0.10	0.06
<b>Q4YHTG</b>	<b>4.73</b>	-0.13	0.03	<b>2.36</b>	0.35	0.23	<b>2.28</b>	0.24	0.08
		-0.14	0.02		0.06	0.02		0.03	0.01
<b>4XQDK7</b>	<b>6.19</b>	1.21	0.07	<b>2.29</b>	-0.12	0.21	<b>2.24</b>	-0.02	0.25
		1.32	0.04		-0.02	0.02		0.00	0.04
<b>3D69EG</b>	<b>4.43</b>	-0.40	0.10	<b>2.10</b>	-1.32	0.08	<b>2.09</b>	-1.07	0.04
		-0.44	0.05		-0.21	0.01		-0.15	0.01
<b>XX43YG</b>	<b>8.06</b>	2.94	3.14	<b>2.11</b>	-1.26	2.36	<b>1.99</b>	-1.80	3.00
		3.19	1.63		-0.20	0.18		-0.25	0.43
<b>CZ7M44</b>	<b>4.54</b>	-0.30	0.06	<b>2.24</b>	-0.39	0.41	<b>2.25</b>	0.02	0.04
		-0.33	0.03		-0.06	0.03		0.00	0.01
<b>HMD97T</b>	<b>5.01</b>	0.13	0.06	<b>2.46</b>	0.97	0.12	<b>2.34</b>	0.67	0.07
		0.14	0.03		0.15	0.01		0.09	0.01
<b>VVMYDE</b>	<b>6.33</b>	1.34	0.01	<b>2.32</b>	0.12	0.08	<b>2.33</b>	0.59	0.04
		1.46	0.01		0.02	0.01		0.08	0.01
<b>Grand Median</b>		4.87			2.31			2.24	
<b>Median Abs Dev</b>		0.26			0.10			0.09	
<b>Avg Within Lab SD</b>		0.52			0.07			0.14	
<b>Labs Included</b>		10			10			10	
<b>Labs Reporting</b>		10			10			10	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

N- Dry Comb. (SubTestCode 210) <span style="float: right;">Data units: Percent</span>									
	SRBSRB1507			SRBSRB1508			SRBSRB1509		
NRW8AP	<b>3.05</b>	-5.61	0.04	<b>3.54</b>	6.16	0.02	<b>2.94</b>	4.20	0.14
		-3.32	0.01		1.22	0.00		0.64	0.01
6WAFT7	<b>6.76</b>	0.65	0.04	<b>2.53</b>	1.05	0.08	<b>2.38</b>	0.53	0.02
		0.38	0.01		0.21	0.00		0.08	0.00
HGWQWR	<b>6.21</b>	-0.28	0.09	<b>2.31</b>	-0.03	0.73	<b>2.27</b>	-0.22	0.09
		-0.17	0.02		-0.01	0.04		-0.03	0.01
C47NEY	<b>6.74</b>	0.62	0.16	<b>2.48</b>	0.83	0.12	<b>2.38</b>	0.50	0.18
		0.37	0.03		0.16	0.01		0.08	0.01
7WA3K4	<b>6.63</b>	0.43	0.27	<b>2.61</b>	1.47	0.67	<b>2.40</b>	0.63	1.35
		0.26	0.05		0.29	0.03		0.10	0.09
C4PRLY	<b>6.26</b>	-0.20	0.28	<b>2.35</b>	0.17	0.43	<b>2.33</b>	0.21	0.09
		-0.12	0.05		0.03	0.02		0.03	0.01
CE8C7V	<b>6.39</b>	0.03	0.29	<b>2.31</b>	-0.04	0.63	<b>2.30</b>	-0.02	0.67
		0.02	0.05		-0.01	0.03		0.00	0.04
KD74FP	<b>6.24</b>	-0.22	0.24	<b>2.30</b>	-0.12	0.32	<b>2.31</b>	0.04	0.24
		-0.13	0.04		-0.02	0.02		0.01	0.02
32WJM7	<b>7.12</b>	1.26	0.12	<b>2.27</b>	-0.25	0.55	<b>2.26</b>	-0.27	0.31
		0.75	0.02		-0.05	0.03		-0.04	0.02
CQF2X6	<b>6.31</b>	-0.11	0.74	<b>2.26</b>	-0.30	1.90	<b>2.23</b>	-0.49	2.27
		-0.06	0.12		-0.06	0.09		-0.07	0.15
KJAWMY	<b>6.03</b>	-0.57	0.27	<b>2.20</b>	-0.59	0.32	<b>2.19</b>	-0.73	0.16
		-0.34	0.05		-0.12	0.02		-0.11	0.01
3D69EG	<b>6.68</b>	0.52	0.06	<b>2.42</b>	0.51	0.21	<b>2.40</b>	0.67	0.09
		0.31	0.01		0.10	0.01		0.10	0.01
BL7NF7	<b>6.44</b>	0.12	0.03	<b>2.41</b>	0.46	0.00	<b>2.30</b>	-0.03	0.09
		0.07	0.01		0.09	0.00		0.00	0.01
	<b>6.09</b>	-0.47	0.03	<b>2.20</b>	-0.59	0.25	<b>2.23</b>	-0.49	0.19
		-0.28	0.01		-0.12	0.01		-0.07	0.01
4C4V8E	<b>6.28</b>	-0.16	0.26	<b>2.27</b>	-0.23	0.63	<b>2.30</b>	-0.01	0.16
		-0.09	0.04		-0.05	0.03		0.00	0.01
BZCGA4	<b>3.20</b>	-5.35	3.44						
		-3.17	0.57						
RLDZFM	<b>6.25</b>	-0.21	0.83	<b>1.84</b>	-2.42	2.31	<b>1.75</b>	-3.63	1.00
		-0.13	0.14		-0.48	0.11		-0.55	0.06
89DUG9	<b>6.37</b>	0.00	0.05	<b>2.32</b>	0.01	0.29	<b>2.29</b>	-0.06	0.15
		0.00	0.01		0.00	0.01		-0.01	0.01
RKW4MM	<b>6.42</b>	0.08	0.19	<b>2.35</b>	0.15	0.55	<b>2.32</b>	0.15	0.63
		0.05	0.03		0.03	0.03		0.02	0.04
HMD97T	<b>6.90</b>	0.89	0.11	<b>2.40</b>	0.39	0.29	<b>2.30</b>	0.01	0.03
		0.53	0.02		0.08	0.01		0.00	0.00



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>TPMZPJ</b>	<b>6.62</b>	0.42	0.33	<b>2.32</b>	-0.01	1.38	<b>2.31</b>	0.04	1.17
		0.25	0.06		0.00	0.07		0.01	0.08
<b>NT8YFL</b>	<b>7.80</b>	2.41		<b>2.85</b>	2.67		<b>2.84</b>	3.53	
		1.43	0.00		0.53	0.00		0.54	0.00
<b>Q77MKK</b>	<b>6.16</b>	-0.37	2.05	<b>2.24</b>	-0.40	2.24	<b>2.27</b>	-0.18	2.12
		-0.22	0.34		-0.08	0.11		-0.03	0.14
<b>WN9D4A</b>	<b>6.46</b>	0.14	2.25	<b>2.75</b>	2.17	1.76	<b>2.67</b>	2.42	2.64
		0.08	0.37		0.43	0.08		0.37	0.17
<b>Grand Median</b>		6.37			2.32			2.30	
<b>Median Abs Dev</b>		0.22			0.08			0.04	
<b>Avg Within Lab SD</b>		0.17			0.05			0.06	
<b>Labs Included</b>		23			22			22	
<b>Labs Reporting</b>		23			22			22	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

S- Dry Comb. (SubTestCode 211)	Data units: Percent					
	SRBSRB1507		SRBSRB1508		SRBSRB1509	
<b>BL7NF7</b>	<b>0.30</b>	1.00 0.03	<b>0.26</b>	1.00 0.01	<b>0.22</b>	1.00 0.01
<b>Grand Median</b>	0.30		0.26		0.22	
<b>Median Abs Dev</b>						
<b>Avg Within Lab SD</b>	0.03		0.01		0.01	
<b>Labs Included</b>	1		1		1	
<b>Labs Reporting</b>	1		1		1	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

P (SubTestCode 212)	in the Wet Digestion Property Groups									Data units: Percent
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
NRW8AP	<b>0.21</b>	-9.20	0.25	<b>0.36</b>	4.86	0.11	<b>0.20</b>	3.53	0.16	
		-0.40	0.01		0.09	0.00		0.05	0.00	
6WAFT7	<b>0.58</b>	-0.57	0.03	<b>0.26</b>	-0.30	0.15	<b>0.14</b>	-0.58	0.17	
		-0.02	0.00		-0.01	0.00		-0.01	0.00	
HGWQWR	<b>0.62</b>	0.32	0.29	<b>0.25</b>	-0.89	0.51	<b>0.14</b>	-0.42	0.95	
		0.01	0.01		-0.02	0.01		-0.01	0.01	
FQP3HU	<b>0.59</b>	-0.54	0.75	<b>0.26</b>	0.00	0.32	<b>0.15</b>	-0.10	0.49	
		-0.02	0.02		0.00	0.00		0.00	0.00	
C47NEY	<b>0.63</b>	0.52	0.32	<b>0.28</b>	0.70	0.27	<b>0.15</b>	0.31	0.66	
		0.02	0.01		0.01	0.00		0.00	0.00	
4RZ3B8	<b>0.57</b>	-0.95	2.19	<b>0.23</b>	-1.81	2.34	<b>0.14</b>	-0.93	1.24	
		-0.04	0.04		-0.04	0.03		-0.01	0.01	
C4PRLY	<b>0.60</b>	-0.29	0.76	<b>0.28</b>	0.99	1.03	<b>0.15</b>	0.26	0.95	
		-0.01	0.02		0.02	0.01		0.00	0.01	
477W66	<b>0.54</b>	-1.60	0.86	<b>0.23</b>	-1.91	1.36	<b>0.13</b>	-1.57	0.95	
		-0.07	0.02		-0.04	0.02		-0.02	0.01	
CE8C7V	<b>0.60</b>	-0.31	0.87	<b>0.28</b>	0.97	1.96	<b>0.16</b>	1.02	0.09	
		-0.01	0.02		0.02	0.02		0.01	0.00	
KD74FP	<b>0.54</b>	-1.52	0.57	<b>0.24</b>	-1.23	0.00	<b>0.13</b>	-1.11	0.95	
		-0.07	0.01		-0.02	0.00		-0.02	0.01	
4XQDK7	<b>0.61</b>	0.09	1.15	<b>0.25</b>	-0.89	0.51	<b>0.14</b>	-0.65	0.00	
		0.00	0.02		-0.02	0.01		-0.01	0.00	
CQF2X6	<b>0.64</b>	0.71	0.99	<b>0.24</b>	-1.06	1.36	<b>0.15</b>	0.26	1.90	
		0.03	0.02		-0.02	0.02		0.00	0.01	
UB76AM	<b>0.62</b>	0.17	0.76	<b>0.27</b>	0.31	0.00	<b>0.14</b>	-0.65	0.00	
		0.01	0.02		0.01	0.00		-0.01	0.00	
KJAWMY	<b>0.56</b>	-1.22	0.24	<b>0.25</b>	-0.63	0.10	<b>0.14</b>	-0.75	0.09	
		-0.05	0.00		-0.01	0.00		-0.01	0.00	
3D69EG	<b>0.58</b>	-0.68	0.00	<b>0.26</b>	-0.20	0.00	<b>0.15</b>	0.03	0.00	
		-0.03	0.00		0.00	0.00		0.00	0.00	
BL7NF7	<b>0.61</b>	0.00	0.94	<b>0.27</b>	0.09	2.69	<b>0.14</b>	-0.58	0.04	
		0.00	0.02		0.00	0.03		-0.01	0.00	
	<b>0.58</b>	-0.58	1.31	<b>0.25</b>	-0.50	0.48	<b>0.13</b>	-1.21	0.13	
		-0.03	0.03		-0.01	0.01		-0.02	0.00	
4C4V8E	<b>0.61</b>	0.02	0.50	<b>0.25</b>	-0.72		<b>0.14</b>	-0.65	0.00	
		0.00	0.01		-0.01	0.00		-0.01	0.00	
BZCGA4	<b>0.63</b>	0.48	0.50	<b>0.28</b>	0.65	0.51	<b>0.16</b>	0.72	0.00	
		0.02	0.01		0.01	0.01		0.01	0.00	
XX43YG	<b>0.68</b>	1.56	1.88	<b>0.29</b>	1.33	0.89	<b>0.16</b>	0.72	1.64	
		0.07	0.04		0.03	0.01		0.01	0.01	





## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>89DUG9</b>	<b>0.61</b>	0.12	0.33	<b>0.27</b>	0.14	0.31	<b>0.16</b>	0.45	1.03
		0.01	0.01		0.00	0.00		0.01	0.01
<b>RKW4MM</b>	<b>0.59</b>	-0.45	0.50	<b>0.26</b>	-0.38	0.51	<b>0.15</b>	0.26	0.95
		-0.02	0.01		-0.01	0.01		0.00	0.01
<b>CZ7M44</b>	<b>0.54</b>	-1.60	0.86	<b>0.24</b>	-1.23	0.89	<b>0.14</b>	-0.88	0.95
		-0.07	0.02		-0.02	0.01		-0.01	0.01
<b>HMD97T</b>	<b>0.61</b>	0.09	0.14	<b>0.28</b>	0.61	0.15	<b>0.15</b>	0.00	0.68
		0.00	0.00		0.01	0.00		0.00	0.00
<b>3N2CJA</b>	<b>0.64</b>	0.75	1.46	<b>0.27</b>	0.19	0.22	<b>0.15</b>	-0.06	1.06
		0.03	0.03		0.00	0.00		0.00	0.01
	<b>0.57</b>	-0.92	0.92	<b>0.27</b>	0.31	0.56	<b>0.16</b>	0.65	0.16
		-0.04	0.02		0.01	0.01		0.01	0.00
<b>KN9DZT</b>	<b>0.68</b>	1.57	1.12	<b>0.28</b>	0.92	1.40	<b>0.15</b>	0.33	0.90
		0.07	0.02		0.02	0.02		0.00	0.01
<b>TPMZPJ</b>	<b>0.59</b>	-0.45	1.32	<b>0.27</b>	0.31	0.89	<b>0.21</b>	4.16	1.64
		-0.02	0.03		0.01	0.01		0.06	0.01
<b>NHLV9L</b>	<b>0.64</b>	0.77	1.45	<b>0.27</b>	0.14	0.05	<b>0.15</b>	0.15	0.25
		0.03	0.03		0.00	0.00		0.00	0.00
<b>VVMYDE</b>	<b>0.63</b>	0.48	0.50	<b>0.26</b>	-0.20	0.00	<b>0.15</b>	0.03	0.00
		0.02	0.01		0.00	0.00		0.00	0.00
<b>NT8YFL</b>	<b>0.61</b>	0.04		<b>0.26</b>	-0.31		<b>0.14</b>	-0.65	
		0.00	0.00		-0.01	0.00		-0.01	0.00
<b>Q77MKK</b>	<b>0.68</b>	1.56	2.01	<b>0.28</b>	0.99	1.85	<b>0.16</b>	0.72	3.29
		0.07	0.04		0.02	0.02		0.01	0.02
<b>Grand Median</b>		0.61			0.26			0.15	
<b>Median Abs Dev</b>		0.02			0.01			0.01	
<b>Avg Within Lab SD</b>		0.02			0.01			0.01	
<b>Labs Included</b>		31			31			31	
<b>Labs Reporting</b>		31			31			31	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

K (SubTestCode 213)	in the Wet Digestion Property Groups									Data units: Percent
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
NRW8AP	2.57	-5.36	0.12	1.27	0.04	0.07	1.49	2.54	0.02	
		-4.79	0.05		0.00	0.00		0.25	0.00	
6WAFT7	7.51	0.17	0.11	1.26	-0.02	0.21	1.22	-0.23	0.10	
		0.15	0.05		0.00	0.01		-0.02	0.01	
HGWQWR	7.34	-0.02	0.09	1.21	-0.48	0.33	1.25	0.11	0.34	
		-0.02	0.04		-0.06	0.02		0.01	0.02	
FQP3HU	7.16	-0.22	0.14	1.34	0.63	0.15	1.28	0.40	0.17	
		-0.20	0.06		0.07	0.01		0.04	0.01	
C47NEY	7.45	0.10	0.11	1.31	0.37	0.68	1.22	-0.16	0.59	
		0.09	0.05		0.04	0.04		-0.02	0.04	
4RZ3B8	6.54	-0.92	1.25	1.07	-1.68	2.25	1.10	-1.46	1.52	
		-0.82	0.55		-0.19	0.14		-0.14	0.09	
C4PRLY	6.23	-1.27	0.23	1.43	1.45	0.99	1.23	-0.06	0.26	
		-1.14	0.10		0.17	0.06		-0.01	0.02	
477W66	7.43	0.08	0.13	1.28	0.10	0.25	1.21	-0.26	0.26	
		0.07	0.06		0.01	0.02		-0.03	0.02	
CE8C7V	7.46	0.11	0.39	1.20	-0.54	0.82	1.20	-0.36	0.39	
		0.09	0.17		-0.06	0.05		-0.04	0.02	
KD74FP	7.05	-0.35	0.13	1.22	-0.39	0.16	1.19	-0.50	0.17	
		-0.31	0.06		-0.05	0.01		-0.05	0.01	
4XQDK7	7.37	0.01	0.61	1.24	-0.25	0.25	1.21	-0.30	0.34	
		0.00	0.27		-0.03	0.02		-0.03	0.02	
CQF2X6	8.35	1.10	0.84	1.26	-0.01	0.34	1.32	0.79	0.70	
		0.98	0.37		0.00	0.02		0.08	0.04	
UB76AM	7.50	0.15	0.16	1.39	1.07	0.09	1.33	0.90	0.26	
		0.14	0.07		0.12	0.01		0.09	0.02	
KJAWMY	7.36	0.00	0.07	1.28	0.13	0.16	1.24	0.01	0.17	
		0.00	0.03		0.02	0.01		0.00	0.01	
3D69EG	7.34	-0.02	0.08	1.25	-0.13	0.16	1.24	0.01	0.00	
		-0.02	0.04		-0.02	0.01		0.00	0.00	
BL7NF7	8.53	1.30	0.81	1.56	2.57	2.44	1.54	3.03	0.20	
		1.17	0.36		0.29	0.15		0.30	0.01	
	7.36	0.00	0.70	1.31	0.40	0.15	1.27	0.30	0.22	
		0.00	0.31		0.05	0.01		0.03	0.01	
4C4V8E	6.80	-0.63	0.77	1.19	-0.63	0.19	1.21	-0.33	0.42	
		-0.56	0.34		-0.07	0.01		-0.03	0.03	
BZCGA4	6.91	-0.51	0.12	1.25	-0.10	0.50	1.22	-0.23	0.26	
		-0.46	0.05		-0.01	0.03		-0.02	0.02	
XX43YG	6.13	-1.38	4.12	1.31	0.37	0.62	1.30	0.62	1.02	
		-1.23	1.81		0.04	0.04		0.06	0.06	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD
<b>89DUG9</b>	<b>8.64</b>	1.43	0.22	<b>1.29</b>	0.25	0.07	<b>1.38</b>	1.46	0.31
<b>RKW4MM</b>	<b>7.37</b>	1.28	0.09	<b>1.16</b>	0.03	0.00	<b>1.27</b>	0.14	0.02
<b>CZ7M44</b>	<b>6.93</b>	0.01	0.16	<b>1.27</b>	-0.95	0.50	<b>1.23</b>	0.35	1.19
<b>HMD97T</b>	<b>7.01</b>	0.00	0.07	<b>1.27</b>	-0.11	0.03	<b>1.23</b>	0.03	0.07
<b>3N2CJA</b>	<b>7.44</b>	-0.48	0.13	<b>1.24</b>	0.01	0.94	<b>1.21</b>	-0.06	1.94
<b>KN9DZT</b>	<b>7.97</b>	-0.43	0.06	<b>1.07</b>	0.00	0.06	<b>1.18</b>	-0.01	0.12
<b>TPMZPJ</b>	<b>6.35</b>	-0.39	0.13	<b>1.26</b>	0.51	0.51	<b>1.57</b>	-0.07	0.65
<b>NHLV9L</b>	<b>8.17</b>	-0.35	0.06	<b>1.24</b>	0.06	0.03	<b>1.41</b>	-0.01	0.04
<b>VVMYDE</b>	<b>7.77</b>	0.09	0.69	<b>1.24</b>	-0.25	0.25	<b>1.24</b>	-0.26	1.03
<b>NT8YFL</b>	<b>6.94</b>	0.08	0.30	<b>1.19</b>	-0.03	0.02	<b>1.24</b>	-0.03	0.06
<b>Q77MKK</b>	<b>8.23</b>	-0.87	0.31	<b>1.07</b>	-1.74	0.25	<b>1.41</b>	0.11	1.47
		-0.78	0.13	<b>1.26</b>	-0.20	0.02		0.01	0.09
		0.68	0.84	<b>1.54</b>	-0.01	1.04		-0.60	1.05
		0.60	0.37	<b>1.33</b>	0.00	0.06		-0.06	0.06
		-1.13	0.61	<b>1.10</b>	2.41	1.28		3.39	0.77
		-1.01	0.27	<b>1.19</b>	0.28	0.08		0.33	0.05
		0.91	0.79	<b>1.42</b>	0.57	0.16		0.86	0.26
		0.81	0.35	<b>1.41</b>	0.07	0.01		0.08	0.02
		0.45	0.09	<b>1.24</b>	-1.48	0.25		-0.02	0.26
		0.40	0.04	<b>1.24</b>	-0.17	0.02		0.00	0.02
		-0.47		<b>1.24</b>	-0.67			-0.01	
		-0.42	0.00	<b>1.41</b>	-0.08	0.00		0.00	0.00
		0.98	2.81	<b>1.24</b>	1.36	3.65		1.78	4.01
		0.87	1.24	<b>1.41</b>	0.16	0.22		0.17	0.24
<b>Grand Median</b>		7.36			1.27			1.24	
<b>Median Abs Dev</b>		0.41			0.05			0.03	
<b>Avg Within Lab SD</b>		0.44			0.06			0.06	
<b>Labs Included</b>		32			32			32	
<b>Labs Reporting</b>		32			32			32	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Ca (SubTestCode 214) <span style="float: right;">Data units: Percent</span>									
	SRBSRB1507			SRBSRB1508			SRBSRB1509		
NRW8AP	<b>3.90</b>	31.49	1.02	<b>2.02</b>	0.88	0.11	<b>1.74</b>	-8.15	0.06
		2.74	0.07		0.14	0.01		-2.14	0.01
6WAFT7	<b>1.14</b>	-0.23	0.13	<b>1.87</b>	-0.09	0.11	<b>3.97</b>	0.31	0.16
		-0.02	0.01		-0.01	0.01		0.08	0.03
HGWQWR	<b>1.18</b>	0.14	0.18	<b>1.79</b>	-0.58	0.27	<b>3.86</b>	-0.09	0.33
		0.01	0.01		-0.09	0.03		-0.02	0.06
FQP3HU	<b>1.19</b>	0.29	0.95	<b>2.02</b>	0.83	0.76	<b>4.31</b>	1.63	1.29
		0.03	0.06		0.13	0.09		0.43	0.23
C47NEY	<b>1.17</b>	0.01	0.67	<b>1.87</b>	-0.12	0.27	<b>3.83</b>	-0.20	0.29
		0.00	0.04		-0.02	0.03		-0.05	0.05
4RZ3B8	<b>1.09</b>	-0.81	1.71	<b>1.69</b>	-1.22	1.66	<b>3.51</b>	-1.43	1.50
		-0.07	0.11		-0.19	0.20		-0.38	0.27
C4PRLY	<b>1.23</b>	0.76	0.15	<b>2.05</b>	1.03	0.99	<b>3.79</b>	-0.38	1.44
		0.07	0.01		0.16	0.12		-0.10	0.25
477W66	<b>1.16</b>	-0.01	0.39	<b>1.82</b>	-0.41	0.53	<b>3.60</b>	-1.09	0.00
		0.00	0.03		-0.06	0.06		-0.29	0.00
CE8C7V	<b>1.11</b>	-0.58	0.23	<b>1.98</b>	0.63	1.15	<b>4.14</b>	0.98	0.09
		-0.05	0.02		0.10	0.14		0.26	0.02
KD74FP	<b>0.96</b>	-2.31	0.23	<b>1.70</b>	-1.16	0.18	<b>3.53</b>	-1.34	0.16
		-0.20	0.02		-0.18	0.02		-0.35	0.03
4XQDK7	<b>1.22</b>	0.60	0.71	<b>1.94</b>	0.37	0.10	<b>3.94</b>	0.21	0.45
		0.05	0.05		0.06	0.01		0.05	0.08
CQF2X6	<b>1.32</b>	1.83	0.64	<b>2.03</b>	0.93	0.22	<b>4.30</b>	1.58	0.59
		0.16	0.04		0.15	0.03		0.41	0.10
UB76AM	<b>1.26</b>	1.06	0.18	<b>2.06</b>	1.10	0.05	<b>4.02</b>	0.51	0.43
		0.09	0.01		0.17	0.01		0.13	0.08
3D69EG	<b>1.17</b>	0.07	0.15	<b>1.92</b>	0.23	0.08	<b>3.94</b>	0.19	0.03
		0.01	0.01		0.04	0.01		0.05	0.01
BL7NF7	<b>1.20</b>	0.39	1.03	<b>1.98</b>	0.59	2.37	<b>3.75</b>	-0.51	0.33
		0.03	0.07		0.09	0.28		-0.13	0.06
	<b>1.18</b>	0.23	1.55	<b>2.02</b>	0.87	0.11	<b>3.92</b>	0.15	0.37
		0.02	0.10		0.14	0.01		0.04	0.06
4C4V8E	<b>1.17</b>	0.11	0.47	<b>1.88</b>	-0.01	0.27	<b>3.90</b>	0.04	1.07
		0.01	0.03		0.00	0.03		0.01	0.19
BZCGA4	<b>1.10</b>	-0.78	0.09	<b>1.87</b>	-0.09	0.42	<b>3.85</b>	-0.15	0.33
		-0.07	0.01		-0.01	0.05		-0.04	0.06
XX43YG	<b>1.14</b>	-0.32	0.69	<b>1.94</b>	0.33	0.73	<b>3.90</b>	0.04	0.99
		-0.03	0.05		0.05	0.09		0.01	0.17
89DUG9	<b>1.10</b>	-0.73	0.08	<b>1.89</b>	0.01	0.12	<b>3.94</b>	0.19	0.45
		-0.06	0.00		0.00	0.01		0.05	0.08



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>RKW4MM</b>	<b>1.11</b>	-0.66	0.18	<b>1.78</b>	-0.67	0.22	<b>3.86</b>	-0.11	0.16
		-0.06	0.01		-0.10	0.03		-0.03	0.03
<b>CZ7M44</b>	<b>1.10</b>	-0.74	1.54	<b>1.83</b>	-0.33	0.97	<b>3.80</b>	-0.33	0.98
		-0.06	0.10		-0.05	0.12		-0.09	0.17
<b>HMD97T</b>	<b>1.18</b>	0.20	0.05	<b>2.01</b>	0.79	0.14	<b>3.87</b>	-0.04	0.48
		0.02	0.00		0.12	0.02		-0.01	0.08
<b>3N2CJA</b>	<b>1.15</b>	-0.16	0.55	<b>1.80</b>	-0.54	0.08	<b>3.79</b>	-0.36	0.83
		-0.01	0.04		-0.08	0.01		-0.10	0.15
	<b>1.08</b>	-1.01	0.76	<b>1.90</b>	0.10	0.42	<b>4.26</b>	1.41	0.41
		-0.09	0.05		0.02	0.05		0.37	0.07
<b>KN9DZT</b>	<b>1.13</b>	-0.43	0.73	<b>1.79</b>	-0.60	0.97	<b>3.57</b>	-1.20	0.79
		-0.04	0.05		-0.09	0.12		-0.32	0.14
<b>TPMZPJ</b>	<b>1.01</b>	-1.81	0.47	<b>1.46</b>	-2.71	0.72	<b>4.52</b>	2.43	2.10
		-0.16	0.03		-0.42	0.09		0.64	0.37
<b>NHLV9L</b>	<b>1.28</b>	1.37	1.45	<b>2.06</b>	1.12	0.17	<b>4.11</b>	0.87	0.20
		0.12	0.09		0.18	0.02		0.23	0.04
<b>VVMYDE</b>	<b>1.15</b>	-0.20	0.32	<b>1.85</b>	-0.20	0.18	<b>3.97</b>	0.32	0.17
		-0.02	0.02		-0.03	0.02		0.08	0.03
<b>NT8YFL</b>	<b>1.21</b>	0.52		<b>1.79</b>	-0.64		<b>3.87</b>	-0.08	
		0.04	0.00		-0.10	0.00		-0.02	0.00
<b>Q77MKK</b>	<b>1.33</b>	1.87	3.74	<b>2.19</b>	1.93	3.83	<b>4.43</b>	2.07	3.63
		0.16	0.24		0.30	0.45		0.54	0.64
<b>Grand Median</b>		1.16			1.88			3.89	
<b>Median Abs Dev</b>		0.05			0.09			0.09	
<b>Avg Within Lab SD</b>		0.07			0.12			0.18	
<b>Labs Included</b>		30			30			30	
<b>Labs Reporting</b>		30			30			30	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mg (SubTestCode 215)	in the Wet Digestion Property Groups									Data units: Percent
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>NRW8AP</b>	<b>0.73</b>	-4.04	0.17	<b>0.37</b>	2.29	0.01	<b>0.41</b>	1.26	0.18	
		-0.73	0.01		0.08	0.00		0.04	0.00	
<b>6WAFT7</b>	<b>1.52</b>	0.35	0.22	<b>0.30</b>	0.27	0.02	<b>0.37</b>	0.19	0.23	
		0.06	0.01		0.01	0.00		0.01	0.00	
<b>HGWQWR</b>	<b>1.52</b>	0.33	0.26	<b>0.27</b>	-0.52	0.40	<b>0.36</b>	-0.10	0.00	
		0.06	0.02		-0.02	0.01		0.00	0.00	
<b>FQP3HU</b>	<b>1.56</b>	0.58	0.17	<b>0.32</b>	1.04	0.25	<b>0.40</b>	1.13	0.53	
		0.10	0.01		0.04	0.01		0.04	0.01	
<b>C47NEY</b>	<b>1.53</b>	0.37	0.29	<b>0.29</b>	0.10	0.22	<b>0.36</b>	0.00	0.77	
		0.07	0.02		0.00	0.01		0.00	0.01	
<b>4RZ3B8</b>	<b>1.33</b>	-0.70	1.76	<b>0.26</b>	-0.71	0.92	<b>0.34</b>	-0.70	1.40	
		-0.13	0.12		-0.03	0.03		-0.02	0.02	
<b>C4PRLY</b>	<b>1.49</b>	0.17	0.26	<b>0.36</b>	2.03	0.61	<b>0.39</b>	0.90	0.81	
		0.03	0.02		0.07	0.02		0.03	0.01	
<b>477W66</b>	<b>1.40</b>	-0.32	0.52	<b>0.27</b>	-0.43	0.61	<b>0.32</b>	-1.29	0.00	
		-0.06	0.04		-0.02	0.02		-0.04	0.00	
<b>CE8C7V</b>	<b>1.37</b>	-0.52	0.17	<b>0.29</b>	0.13	0.50	<b>0.37</b>	0.23	0.19	
		-0.09	0.01		0.00	0.01		0.01	0.00	
<b>KD74FP</b>	<b>1.29</b>	-0.96	0.52	<b>0.25</b>	-1.07	0.20	<b>0.31</b>	-1.49	0.40	
		-0.17	0.04		-0.04	0.01		-0.05	0.01	
<b>4XQDK7</b>	<b>1.49</b>	0.17	0.77	<b>0.29</b>	0.11	0.00	<b>0.37</b>	0.30	0.81	
		0.03	0.05		0.00	0.00		0.01	0.01	
<b>CQF2X6</b>	<b>1.59</b>	0.70	0.76	<b>0.30</b>	0.48	0.20	<b>0.39</b>	0.90	0.81	
		0.13	0.05		0.02	0.01		0.03	0.01	
<b>UB76AM</b>	<b>1.55</b>	0.48	1.05	<b>0.30</b>	0.48	0.20	<b>0.37</b>	0.30	0.40	
		0.09	0.07		0.02	0.01		0.01	0.01	
<b>3D69EG</b>	<b>1.46</b>	0.02	0.17	<b>0.30</b>	0.39	0.00	<b>0.38</b>	0.50	0.00	
		0.00	0.01		0.01	0.00		0.02	0.00	
<b>BL7NF7</b>	<b>1.48</b>	0.08	1.27	<b>0.29</b>	0.00	1.33	<b>0.35</b>	-0.51	0.40	
		0.02	0.09		0.00	0.04		-0.02	0.01	
	<b>1.38</b>	-0.44	0.47	<b>0.30</b>	0.29	0.20	<b>0.38</b>	0.38	0.13	
		-0.08	0.03		0.01	0.01		0.01	0.00	
<b>4C4V8E</b>	<b>1.40</b>	-0.33	0.65	<b>0.27</b>	-0.52	0.20	<b>0.34</b>	-0.70	0.00	
		-0.06	0.04		-0.02	0.01		-0.02	0.00	
<b>BZCGA4</b>	<b>1.39</b>	-0.39	0.15	<b>0.29</b>	0.20	0.40	<b>0.37</b>	0.30	0.40	
		-0.07	0.01		0.01	0.01		0.01	0.01	
<b>XX43YG</b>	<b>1.35</b>	-0.61	0.93	<b>0.29</b>	0.02	0.40	<b>0.36</b>	0.00	1.07	
		-0.11	0.06		0.00	0.01		0.00	0.02	
<b>89DUG9</b>	<b>1.45</b>	-0.04	0.33	<b>0.27</b>	-0.47	0.18	<b>0.35</b>	-0.28	0.63	
		-0.01	0.02		-0.02	0.01		-0.01	0.01	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>RKW4MM</b>	<b>1.31</b>	-0.85	0.34	<b>0.25</b>	-1.07	0.20	<b>0.35</b>	-0.40	0.70
<b>CZ7M44</b>	<b>1.40</b>	-0.15	0.02	<b>0.26</b>	-0.04	0.01	<b>0.35</b>	-0.01	0.01
<b>HMD97T</b>	<b>1.48</b>	-0.33	0.00	<b>0.28</b>	-0.80	0.20	<b>0.34</b>	-0.50	0.40
<b>3N2CJA</b>	<b>1.50</b>	-0.06	0.00	<b>0.27</b>	-0.03	0.01	<b>0.35</b>	-0.02	0.01
	<b>1.41</b>	0.11	0.24	<b>0.29</b>	-0.26	0.06	<b>0.41</b>	-0.62	0.63
<b>KN9DZT</b>	<b>1.54</b>	0.02	0.02	<b>0.28</b>	-0.01	0.00	<b>0.37</b>	-0.02	0.01
<b>TPMZPJ</b>	<b>0.52</b>	0.24	0.75	<b>0.20</b>	-0.38	0.13	<b>0.24</b>	-0.31	1.15
<b>NHLV9L</b>	<b>1.56</b>	-0.26	0.45	<b>0.28</b>	-0.01	0.00	<b>0.37</b>	-0.01	0.02
<b>VVMYDE</b>	<b>1.46</b>	-0.05	0.03	<b>0.18</b>	0.20	0.12	<b>0.35</b>	1.33	0.28
<b>NT8YFL</b>	<b>1.40</b>	0.45	0.39	<b>0.28</b>	0.01	0.00	<b>0.36</b>	0.04	0.00
<b>Q77MKK</b>	<b>1.62</b>	0.08	0.03	<b>0.33</b>	-0.15	0.27	<b>0.42</b>	0.34	0.39
		-5.23	0.15	<b>0.20</b>	-0.01	0.01		0.01	0.01
		-0.94	0.01	<b>0.28</b>	-2.35	0.35		-3.59	0.40
		0.56	1.04	<b>0.28</b>	-0.09	0.01		-0.12	0.01
		0.10	0.07	<b>0.33</b>	-0.07	0.07		0.11	0.21
		0.00	0.30	<b>0.28</b>	0.00	0.00		0.00	0.00
		0.00	0.02	<b>0.18</b>	-2.84	4.72		-0.40	0.00
		-0.36		<b>0.28</b>	-0.10	0.14		-0.01	0.00
		-0.07	0.00	<b>0.28</b>	-0.11			-0.19	
		0.89	4.38	<b>0.33</b>	0.00	0.00		-0.01	0.00
		0.16	0.29	<b>0.33</b>	1.12	1.99		1.69	4.59
				<b>0.33</b>	0.04	0.06		0.06	0.07
<b>Grand Median</b>		1.46			0.29			0.36	
<b>Median Abs Dev</b>		0.07			0.02			0.01	
<b>Avg Within Lab SD</b>		0.07			0.03			0.01	
<b>Labs Included</b>		31			31			31	
<b>Labs Reporting</b>		31			31			31	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

S (SubTestCode 216)	in the Wet Digestion Property Groups									Data units: Percent
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
NRW8AP	<b>0.25</b>	-4.15	0.23	<b>0.42</b>	5.16	0.04	<b>0.20</b>	-0.69	0.08	
		-0.16	0.00		0.14	0.00		-0.02	0.00	
6WAFT7	<b>0.39</b>	-0.48	0.06	<b>0.28</b>	-0.14	0.09	<b>0.21</b>	-0.49	0.16	
		-0.02	0.00		0.00	0.00		-0.01	0.00	
HGWQWR	<b>0.42</b>	0.26	0.53	<b>0.27</b>	-0.37	0.00	<b>0.25</b>	0.91		
		0.01	0.01		-0.01	0.00		0.03	0.00	
FQP3HU	<b>0.41</b>	0.01	0.84	<b>0.29</b>	0.46	0.31	<b>0.24</b>	0.71	2.13	
		0.00	0.02		0.01	0.00		0.02	0.01	
C47NEY	<b>0.41</b>	0.01	0.53	<b>0.30</b>	0.74	0.82	<b>0.26</b>	1.14	0.87	
		0.00	0.01		0.02	0.01		0.03	0.01	
4RZ3B8	<b>0.39</b>	-0.51	2.31	<b>0.25</b>	-0.99	2.63	<b>0.20</b>	-0.68	1.74	
		-0.02	0.04		-0.03	0.03		-0.02	0.01	
C4PRLY	<b>0.39</b>	-0.42	0.31	<b>0.28</b>	0.00	0.82	<b>0.21</b>	-0.57	0.87	
		-0.02	0.01		0.00	0.01		-0.02	0.01	
477W66	<b>0.40</b>	-0.17	0.81	<b>0.27</b>	-0.25	1.25	<b>0.22</b>	-0.23	0.87	
		-0.01	0.02		-0.01	0.02		-0.01	0.01	
CE8C7V	<b>0.37</b>	-1.09	0.11	<b>0.27</b>	-0.31	1.21	<b>0.23</b>	0.30	0.26	
		-0.04	0.00		-0.01	0.01		0.01	0.00	
KD74FP	<b>0.42</b>	0.18	0.31	<b>0.29</b>	0.49	0.47	<b>0.25</b>	0.80	0.87	
		0.01	0.01		0.01	0.01		0.02	0.01	
4XQDK7	<b>0.43</b>	0.52	0.92	<b>0.28</b>	-0.12	0.47	<b>0.25</b>	0.80	0.87	
		0.02	0.02		0.00	0.01		0.02	0.01	
32WJM7	<b>0.40</b>	-0.17	0.31	<b>0.25</b>	-0.99	0.47	<b>0.22</b>	-0.23	0.87	
		-0.01	0.01		-0.03	0.01		-0.01	0.01	
CQF2X6	<b>0.41</b>	0.01	1.40	<b>0.25</b>	-1.11	0.82	<b>0.21</b>	-0.34	0.87	
		0.00	0.03		-0.03	0.01		-0.01	0.01	
UB76AM	<b>0.44</b>	0.86	0.31	<b>0.29</b>	0.37	0.00	<b>0.22</b>	0.00	0.87	
		0.03	0.01		0.01	0.00		0.00	0.01	
3D69EG	<b>0.43</b>	0.52	0.00	<b>0.29</b>	0.49	0.47	<b>0.24</b>	0.68	0.87	
		0.02	0.00		0.01	0.01		0.02	0.01	
BL7NF7	<b>0.41</b>	-0.02	0.76	<b>0.28</b>	-0.04	1.86	<b>0.21</b>	-0.45	0.16	
		0.00	0.01		0.00	0.02		-0.01	0.00	
	<b>0.41</b>	-0.01	0.40	<b>0.35</b>	2.54	0.80	<b>0.31</b>	3.05	0.68	
		0.00	0.01		0.07	0.01		0.09	0.00	
4C4V8E	<b>0.39</b>	-0.42	0.61	<b>0.26</b>	-0.62	0.47	<b>0.21</b>	-0.46	0.00	
		-0.02	0.01		-0.02	0.01		-0.01	0.00	
BZCGA4	<b>0.41</b>	-0.08	0.31	<b>0.27</b>	-0.49	0.47	<b>0.21</b>	-0.46	0.00	
		0.00	0.01		-0.01	0.01		-0.01	0.00	
XX43YG	<b>0.53</b>	3.09	1.40	<b>0.33</b>	1.85	0.82	<b>0.21</b>	-0.57	0.87	
		0.12	0.03		0.05	0.01		-0.02	0.01	





## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>89DUG9</b>	<b>0.44</b>	0.66	0.27	<b>0.30</b>	0.79	0.41	<b>0.28</b>	1.80	1.06
		0.03	0.01		0.02	0.01		0.05	0.01
<b>RKW4MM</b>	<b>0.44</b>	0.69	0.81	<b>0.29</b>	0.25	0.47	<b>0.26</b>	1.37	0.87
		0.03	0.02		0.01	0.01		0.04	0.01
<b>CZ7M44</b>	<b>0.34</b>	-1.79	0.92	<b>0.24</b>	-1.35	0.94	<b>0.21</b>	-0.57	0.87
		-0.07	0.02		-0.04	0.01		-0.02	0.01
<b>HMD97T</b>	<b>0.44</b>	0.75	0.17	<b>0.30</b>	0.84	0.08	<b>0.22</b>	0.04	0.89
		0.03	0.00		0.02	0.00		0.00	0.01
<b>3N2CJA</b>	<b>0.47</b>	1.50	0.93	<b>0.29</b>	0.43	0.29	<b>0.23</b>	0.11	1.01
		0.06	0.02		0.01	0.00		0.00	0.01
	<b>0.39</b>	-0.42	0.75	<b>0.29</b>	0.39	0.39	<b>0.24</b>	0.63	0.17
		-0.02	0.01		0.01	0.00		0.02	0.00
<b>KN9DZT</b>	<b>0.40</b>	-0.24	0.59	<b>0.26</b>	-0.62	0.98	<b>0.21</b>	-0.60	1.85
		-0.01	0.01		-0.02	0.01		-0.02	0.01
<b>TPMZPJ</b>	<b>0.34</b>	-1.71	1.10	<b>0.28</b>	0.00	2.95	<b>0.24</b>	0.57	1.51
		-0.07	0.02		0.00	0.04		0.02	0.01
<b>NHLV9L</b>	<b>0.48</b>	1.72	1.33	<b>0.29</b>	0.37	0.82	<b>0.23</b>	0.34	1.74
		0.07	0.03		0.01	0.01		0.01	0.01
<b>NT8YFL</b>	<b>0.44</b>	0.65		<b>0.26</b>	-0.63		<b>0.20</b>	-0.69	
		0.03	0.00		-0.02	0.00		-0.02	0.00
<b>Q77MKK</b>	<b>0.46</b>	1.29	3.17	<b>0.34</b>	2.22				
		0.05	0.06		0.06	0.00			
<b>Grand Median</b>		0.41			0.28			0.22	
<b>Median Abs Dev</b>		0.02			0.01			0.02	
<b>Avg Within Lab SD</b>		0.02			0.01			0.01	
<b>Labs Included</b>		30			30			29	
<b>Labs Reporting</b>		30			30			29	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Na (SubTestCode 217)	in the Wet Digestion Property Groups									Data units: Percent
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
NRW8AP	<b>0.054</b>	-5.654	0.009	<b>0.035</b>	0.430	0.216	<b>0.033</b>	1.451	0.539	
		-2.834	0.002		0.008	0.002		0.013	0.001	
6WAFT7	<b>2.888</b>	0.000	0.178	<b>0.024</b>	-0.194	0.165	<b>0.012</b>	-0.894	0.274	
		0.000	0.031		-0.003	0.001		-0.008	0.001	
HGWQWR	<b>3.113</b>	0.449	0.258	<b>0.025</b>	-0.134	0.224	<b>0.018</b>	-0.262	0.258	
		0.225	0.045		-0.002	0.002		-0.002	0.001	
FQP3HU	<b>3.093</b>	0.409	0.150	<b>0.036</b>	0.477	1.308	<b>0.024</b>	0.486	1.694	
		0.205	0.026		0.008	0.010		0.004	0.004	
4RZ3B8	<b>2.630</b>	-0.516	1.148	<b>0.033</b>	0.344	0.746	<b>0.020</b>	0.000	0.000	
		-0.258	0.201		0.006	0.006		0.000	0.000	
C4PRLY	<b>2.697</b>	-0.383	0.282	<b>0.130</b>	5.881	2.586	<b>0.040</b>	2.242	0.000	
		-0.192	0.049		0.103	0.020		0.020	0.000	
477W66	<b>2.487</b>	-0.802	0.293	<b>0.050</b>	1.299	0.000	<b>0.030</b>	1.121	0.000	
		-0.402	0.051		0.023	0.000		0.010	0.000	
CE8C7V	<b>2.810</b>	-0.157	0.286	<b>0.053</b>	1.488	0.789	<b>0.022</b>	0.243	0.169	
		-0.078	0.050		0.026	0.006		0.002	0.000	
KD74FP	<b>2.508</b>	-0.759	0.035	<b>0.024</b>	-0.210	0.075	<b>0.013</b>	-0.747	0.258	
		-0.380	0.006		-0.004	0.001		-0.007	0.001	
4XQDK7	<b>3.157</b>	0.535	0.724	<b>0.027</b>	0.000	0.299	<b>0.018</b>	-0.224	0.000	
		0.268	0.127		0.000	0.002		-0.002	0.000	
CQF2X6	<b>2.633</b>	-0.509	0.175	<b>0.053</b>	1.489	0.746	<b>0.030</b>	1.121	0.000	
		-0.255	0.031		0.026	0.006		0.010	0.000	
UB76AM	<b>2.767</b>	-0.243	0.087	<b>0.037</b>	0.535	0.746	<b>0.020</b>	0.000	0.000	
		-0.122	0.015		0.009	0.006		0.000	0.000	
3D69EG	<b>2.907</b>	0.036	0.066	<b>0.020</b>	-0.420	0.000	<b>0.020</b>	0.000	0.000	
		0.018	0.012		-0.007	0.000		0.000	0.000	
BL7NF7	<b>2.451</b>	-0.873	0.498	<b>0.024</b>	-0.167	0.262	<b>0.015</b>	-0.557	0.214	
		-0.438	0.087		-0.003	0.002		-0.005	0.000	
4C4V8E	<b>2.707</b>	-0.363	0.677	<b>0.030</b>	0.153	0.000	<b>0.020</b>	0.000	0.000	
		-0.182	0.118		0.003	0.000		0.000	0.000	
XX43YG	<b>2.963</b>	0.149	0.843	<b>0.060</b>	1.871	3.421	<b>0.060</b>	4.485	0.000	
		0.075	0.147		0.033	0.026		0.040	0.000	
89DUG9	<b>3.489</b>	1.198	0.099	<b>0.029</b>	0.076	0.075	<b>0.022</b>	0.224	0.895	
		0.601	0.017		0.001	0.001		0.002	0.002	
HMD97T	<b>2.874</b>	-0.029	0.195	<b>0.024</b>	-0.185	0.077	<b>0.016</b>	-0.480	0.361	
		-0.014	0.034		-0.003	0.001		-0.004	0.001	
3N2CJA	<b>3.043</b>	0.309	0.630	<b>0.024</b>	-0.201	0.105	<b>0.015</b>	-0.523	0.230	
		0.155	0.110		-0.004	0.001		-0.005	0.001	
	<b>2.687</b>	-0.403	0.201	<b>0.021</b>	-0.378	0.151	<b>0.017</b>	-0.374	0.559	
		-0.202	0.035		-0.007	0.001		-0.003	0.001	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>KN9DZT</b>	<b>3.007</b>	0.236	0.264	<b>0.023</b>	-0.267	0.197	<b>0.015</b>	-0.561	0.447
		0.118	0.046		-0.005	0.002		-0.005	0.001
<b>TPMZPJ</b>	<b>3.600</b>	1.420	3.239	<b>0.027</b>	-0.038	0.746	<b>0.020</b>	0.000	4.475
		0.712	0.567		-0.001	0.006		0.000	0.010
<b>NHLV9L</b>	<b>3.237</b>	0.695	0.960	<b>0.025</b>	-0.109	0.086	<b>0.017</b>	-0.306	0.186
		0.348	0.168		-0.002	0.001		-0.003	0.000
<b>NT8YFL</b>	<b>2.910</b>	0.043		<b>0.021</b>	-0.363		<b>0.015</b>	-0.561	
		0.022	0.000		-0.006	0.000		-0.005	0.000
<b>Q77MKK</b>	<b>3.237</b>	0.695	3.060	<b>0.030</b>	0.153	1.293	<b>0.020</b>	0.000	0.000
		0.348	0.535		0.003	0.010		0.000	0.000
<b>Grand Median</b>		2.89			0.027			0.020	
<b>Median Abs Dev</b>		0.20			0.005			0.004	
<b>Avg Within Lab SD</b>		0.17			0.008			0.002	
<b>Labs Included</b>		25			25			25	
<b>Labs Reporting</b>		25			25			25	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

AI (SubTestCode 218)	in the Wet Digestion Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>NRW8AP</b>	<b>109.8</b>	-1.8	0.1	<b>188.7</b>	3.5	0.5	<b>58.9</b>	-0.7	0.4	
		-237.9	3.0		106.4	3.2		-30.8	3.4	
<b>6WAFT7</b>	<b>510.9</b>	1.3	0.4	<b>98.0</b>	0.5	0.1	<b>158.1</b>	1.5	0.1	
		163.3	9.2		15.7	0.6		68.4	1.1	
<b>HGWQWR</b>	<b>326.8</b>	-0.2	0.2	<b>62.1</b>	-0.7	0.2	<b>69.5</b>	-0.5	0.2	
		-20.8	4.2		-20.2	1.2		-20.1	1.2	
<b>4RZ3B8</b>	<b>340.9</b>	-0.1	2.2	<b>73.7</b>	-0.3	1.1	<b>60.5</b>	-0.7	0.8	
		-6.7	51.7		-8.6	6.9		-29.1	6.5	
<b>C4PRLY</b>	<b>170.3</b>	-1.4	0.1	<b>50.0</b>	-1.1	0.3	<b>40.0</b>	-1.1	0.1	
		-177.3	1.2		-32.3	2.0		-49.7	1.0	
<b>KD74FP</b>	<b>307.3</b>	-0.3	0.9	<b>71.7</b>	-0.3	0.3	<b>109.3</b>	0.4	0.6	
		-40.3	21.7		-10.6	2.1		19.7	4.6	
<b>CQF2X6</b>	<b>268.0</b>	-0.6	0.5	<b>60.7</b>	-0.7	0.8	<b>54.0</b>	-0.8	0.9	
		-79.6	12.5		-21.6	5.0		-35.7	7.0	
<b>UB76AM</b>	<b>266.3</b>	-0.6	0.9	<b>56.7</b>	-0.8	1.1	<b>74.3</b>	-0.3	0.7	
		-81.3	21.2		-25.6	6.7		-15.3	5.5	
<b>3D69EG</b>	<b>408.3</b>	0.5	0.2	<b>85.5</b>	0.1	0.5	<b>119.4</b>	0.7	0.5	
		60.7	4.0		3.3	3.2		29.8	3.8	
<b>BL7NF7</b>	<b>473.2</b>	1.0	2.7	<b>92.5</b>	0.3	1.1	<b>126.8</b>	0.8	0.3	
		125.6	63.1		10.2	7.0		37.2	2.2	
<b>XX43YG</b>	<b>482.0</b>	1.0	1.1	<b>114.3</b>	1.0	3.5	<b>144.3</b>	1.2	3.7	
		134.4	24.5		32.0	22.1		54.7	28.9	
<b>89DUG9</b>	<b>435.8</b>	0.7	0.3	<b>92.6</b>	0.3	0.3	<b>99.8</b>	0.2	0.6	
		88.1	6.6		10.3	2.0		10.1	4.5	
<b>HMD97T</b>	<b>542.0</b>	1.5	1.2	<b>117.2</b>	1.1	0.4	<b>187.1</b>	2.2	1.2	
		194.4	27.9		34.9	2.5		97.5	9.0	
<b>3N2CJA</b>	<b>402.0</b>	0.4	1.0	<b>86.9</b>	0.2	0.1	<b>105.2</b>	0.3	0.7	
		54.4	23.1		4.6	0.6		15.5	5.8	
	<b>327.0</b>	-0.2	0.5	<b>79.0</b>	-0.1	0.5	<b>87.3</b>	-0.1	0.3	
		-20.6	11.0		-3.3	3.1		-2.4	2.2	
<b>KN9DZT</b>	<b>406.3</b>	0.5	0.3	<b>88.7</b>	0.2	1.1	<b>92.0</b>	0.1	0.6	
		58.7	7.6		6.4	6.7		2.4	4.6	
<b>TPMZPJ</b>	<b>339.2</b>	-0.1	0.5	<b>87.0</b>	0.2	1.0	<b>85.0</b>	-0.1	0.4	
		-8.4	11.2		4.7	6.0		-4.6	3.1	
<b>NHLV9L</b>	<b>354.3</b>	0.1	0.4	<b>66.6</b>	-0.5	0.4	<b>60.7</b>	-0.6	0.1	
		6.7	9.1		-15.7	2.4		-29.0	0.8	
<b>NT8YFL</b>	<b>397.1</b>	0.4		<b>77.3</b>	-0.2		<b>95.4</b>	0.1		
		49.5	0.0		-5.0	0.0		5.7	0.0	
<b>Q77MKK</b>	<b>201.0</b>	-1.1	0.9	<b>41.5</b>	-1.3	0.2	<b>45.9</b>	-1.0	0.4	
		-146.7	20.5		-40.8	1.3		-43.8	2.8	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>Grand Median</b>	347.6			82.3			89.7		
<b>Median Abs Dev</b>	70.2			13.1			29.0		
<b>Avg Within Lab SD</b>	23.0			6.3			7.7		
<b>Labs Included</b>	20			20			20		
<b>Labs Reporting</b>	20			20			20		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

B (SubTestCode 219) in the Wet Digestion Property Groups <span style="float: right;">Data units: mg/kg</span>									
	SRBSRB1507			SRBSRB1508			SRBSRB1509		
<b>NRW8AP</b>	<b>53.1</b>	6.6	0.5	<b>73.8</b>	1.7	0.5	<b>167.1</b>	10.4	1.1
		25.2	1.2		13.2	1.3		89.8	3.2
<b>HGWQWR</b>	<b>27.3</b>	-0.1	0.4	<b>57.5</b>	-0.4	0.4	<b>74.9</b>	-0.3	0.4
		-0.6	0.8		-3.2	1.1		-2.4	1.0
<b>FQP3HU</b>	<b>27.9</b>	0.0	0.5	<b>64.9</b>	0.6	0.4	<b>82.2</b>	0.6	0.2
		0.0	1.0		4.3	1.1		4.8	0.7
<b>C47NEY</b>	<b>29.2</b>	0.3	0.4	<b>58.5</b>	-0.3	0.4	<b>74.3</b>	-0.4	0.2
		1.3	0.8		-2.1	1.1		-3.0	0.6
<b>4RZ3B8</b>	<b>30.9</b>	0.8	1.5	<b>61.8</b>	0.2	2.4	<b>78.5</b>	0.1	1.7
		3.0	3.2		1.2	7.0		1.2	4.9
<b>C4PRLY</b>	<b>27.3</b>	-0.1	0.3	<b>61.7</b>	0.1	0.2	<b>76.0</b>	-0.2	0.3
		-0.6	0.6		1.0	0.6		-1.3	1.0
<b>477W66</b>	<b>27.9</b>	0.0	0.4	<b>56.9</b>	-0.5	0.7	<b>70.1</b>	-0.8	0.6
		0.0	0.8		-3.7	1.9		-7.2	1.7
<b>CE8C7V</b>	<b>28.3</b>	0.1	0.9	<b>65.2</b>	0.6	0.5	<b>83.2</b>	0.7	1.5
		0.4	2.0		4.6	1.4		5.9	4.3
<b>KD74FP</b>	<b>26.7</b>	-0.3	0.3	<b>56.3</b>	-0.6	0.4	<b>71.3</b>	-0.7	0.2
		-1.2	0.6		-4.3	1.2		-6.0	0.6
<b>4XQDK7</b>	<b>30.4</b>	0.7	0.6	<b>63.2</b>	0.3	0.4	<b>80.7</b>	0.4	0.8
		2.5	1.2		2.6	1.0		3.4	2.2
<b>CQF2X6</b>	<b>17.0</b>	-2.8	0.5	<b>44.0</b>	-2.2	0.3	<b>60.3</b>	-2.0	1.0
		-10.9	1.0		-16.6	1.0		-17.0	2.9
<b>UB76AM</b>	<b>27.0</b>	-0.2		<b>66.7</b>	0.8	0.2	<b>83.7</b>	0.7	0.2
		-0.9	0.0		6.0	0.6		6.4	0.6
<b>3D69EG</b>	<b>27.9</b>	0.0	0.2	<b>59.3</b>	-0.2	0.1	<b>74.2</b>	-0.4	0.2
		0.0	0.4		-1.3	0.3		-3.1	0.7
<b>BL7NF7</b>	<b>24.2</b>	-1.0	0.6	<b>50.8</b>	-1.3	1.6	<b>62.6</b>	-1.7	0.5
		-3.7	1.3		-9.8	4.7		-14.7	1.5
	<b>30.2</b>	0.6	0.0	<b>59.6</b>	-0.1	0.4	<b>73.6</b>	-0.4	0.3
		2.3	0.1		-1.0	1.1		-3.7	0.7
<b>BZCGA4</b>	<b>19.0</b>	-2.3	0.5	<b>50.0</b>	-1.4	0.3	<b>65.0</b>	-1.4	
		-8.9	1.0		-10.6	1.0		-12.3	0.0
<b>XX43YG</b>	<b>37.3</b>	2.5	3.5	<b>68.3</b>	1.0	1.4	<b>78.0</b>	0.1	2.7
		9.4	7.5		7.7	4.0		0.7	7.8
<b>89DUG9</b>	<b>26.7</b>	-0.3	0.3	<b>58.8</b>	-0.2	0.6	<b>77.9</b>	0.1	0.7
		-1.2	0.6		-1.9	1.8		0.6	2.1
<b>RKW4MM</b>	<b>26.7</b>	-0.3	0.2	<b>56.2</b>	-0.6	0.6	<b>76.7</b>	-0.1	0.6
		-1.2	0.5		-4.4	1.7		-0.6	1.8
<b>CZ7M44</b>	<b>29.5</b>	0.4	1.0	<b>63.4</b>	0.4	0.2	<b>79.1</b>	0.2	0.0
		1.6	2.1		2.8	0.7		1.8	0.1



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>HMD97T</b>	<b>28.1</b>	0.0	0.2	<b>64.7</b>	0.5	0.2	<b>78.4</b>	0.1	1.0
		0.2	0.3		4.0	0.6		1.1	3.0
<b>3N2CJA</b>	<b>27.7</b>	0.0	0.6	<b>58.5</b>	-0.3	0.2	<b>74.9</b>	-0.3	1.0
		-0.2	1.4		-2.1	0.7		-2.4	3.0
	<b>28.8</b>	0.2	0.4	<b>65.0</b>	0.6	1.1	<b>86.9</b>	1.1	0.7
		0.9	1.0		4.4	3.2		9.6	2.0
<b>KN9DZT</b>	<b>30.3</b>	0.6	1.1	<b>65.7</b>	0.7	1.5	<b>82.1</b>	0.6	0.8
		2.4	2.5		5.1	4.5		4.8	2.4
<b>TPMZPJ</b>	<b>31.7</b>	1.0	0.9	<b>65.3</b>	0.6	1.5	<b>88.0</b>	1.2	0.6
		3.8	1.9		4.7	4.2		10.7	1.8
<b>NHLV9L</b>	<b>31.4</b>	0.9	1.0	<b>67.7</b>	0.9	0.3	<b>85.8</b>	1.0	0.1
		3.5	2.2		7.0	0.9		8.5	0.3
<b>VVMYDE</b>	<b>22.5</b>	-1.4	0.2	<b>49.7</b>	-1.4	0.3	<b>67.7</b>	-1.1	0.1
		-5.4	0.5		-11.0	0.8		-9.6	0.3
<b>NT8YFL</b>	<b>26.2</b>	-0.4		<b>54.9</b>	-0.8		<b>70.9</b>	-0.7	
		-1.7	0.0		-5.7	0.0		-6.4	0.0
<b>Q77MKK</b>	<b>32.7</b>	1.2	2.5	<b>70.2</b>	1.3	3.0	<b>92.0</b>	1.7	2.8
		4.8	5.4		9.6	8.6		14.7	8.0
<b>Grand Median</b>		27.9			60.6			77.3	
<b>Median Abs Dev</b>		1.4			4.3			4.8	
<b>Avg Within Lab SD</b>		2.2			2.9			2.9	
<b>Labs Included</b>		28			28			28	
<b>Labs Reporting</b>		28			28			28	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Zn (SubTestCode 220) <span style="float: right;">Data units: mg/kg</span>									
	SRBSRB1507			SRBSRB1508			SRBSRB1509		
NRW8AP	82.6	8.8	0.1	313.8	15.8	0.4	62.0	-1.9	0.3
		39.9	0.3		205.0	2.1		-19.1	0.8
6WAF7	43.0	0.1	0.1	110.9	0.2	0.1	81.4	0.0	0.1
		0.3	0.3		2.0	0.6		0.3	0.3
HGWQWR	43.3	0.1	0.1	106.6	-0.2	0.4	82.6	0.2	0.6
		0.6	0.3		-2.3	2.1		1.5	1.5
FQP3HU	43.3	0.1	0.6	123.3	1.1	0.3	87.6	0.7	0.1
		0.6	1.5		14.5	1.4		6.5	0.3
C47NEY	43.4	0.1	0.6	105.4	-0.3	0.1	76.0	-0.5	0.4
		0.7	1.4		-3.4	0.8		-5.1	1.0
4RZ3B8	43.5	0.2	1.8	106.1	-0.2	1.6	76.9	-0.4	2.0
		0.8	4.2		-2.8	8.3		-4.1	4.7
C4PRLY	41.7	-0.2	0.5	116.0	0.6	0.9	84.0	0.3	0.8
		-1.0	1.2		7.2	4.6		2.9	2.0
477W66	94.3	11.4	0.7	150.8	3.2	0.5	114.6	3.4	1.0
		51.6	1.6		42.0	2.6		33.6	2.4
CE8C7V	42.7	0.0	1.0	116.3	0.6	1.2	87.1	0.6	0.4
		0.0	2.3		7.5	6.0		6.1	1.0
KD74FP	40.0	-0.6	0.4	107.0	-0.1	0.3	78.3	-0.3	0.5
		-2.7	1.0		-1.8	1.7		-2.7	1.2
4XQDK7	42.7	0.0	0.8	94.1	-1.1	0.3	82.5	0.1	0.4
		0.0	1.8		-14.7	1.5		1.5	0.8
CQF2X6	47.3	1.0	0.5	114.0	0.4	0.6	91.0	1.0	0.4
		4.6	1.2		5.2	3.0		9.9	1.0
UB76AM	42.0	-0.2	0.4	116.3	0.6	0.2	84.3	0.3	0.6
		-0.7	1.0		7.5	1.2		3.3	1.5
3D69EG	44.8	0.5	0.1	112.6	0.3	0.2	82.4	0.1	0.2
		2.1	0.3		3.8	1.0		1.4	0.4
BL7NF7	47.1	1.0	2.0	120.7	0.9	3.5	78.6	-0.2	0.8
		4.4	4.5		11.9	18.1		-2.5	1.8
	40.2	-0.5	0.7	108.8	0.0	0.4	77.1	-0.4	0.2
		-2.5	1.6		0.0	2.4		-4.0	0.4
4C4V8E	41.7	-0.2	0.2	107.0	-0.1		79.0	-0.2	
		-1.0	0.6		-1.8	0.0		-2.1	0.0
BZCGA4	39.0	-0.8	0.4	98.7	-0.8	0.2	76.3	-0.5	0.2
		-3.7	1.0		-10.2	1.2		-4.7	0.6
XX43YG	29.0	-3.0	3.2	144.3	2.7	0.9	111.7	3.1	2.6
		-13.7	7.5		35.5	4.5		30.6	6.1
89DUG9	44.6	0.4	0.3	115.7	0.5	0.2	87.8	0.7	0.9
		1.9	0.7		6.9	1.3		6.8	2.1





## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>RKW4MM</b>	<b>41.7</b>	-0.2	0.5	<b>107.7</b>	-0.1	0.6	<b>83.8</b>	0.3	0.5
		-1.0	1.2		-1.2	3.1		2.7	1.2
<b>CZ7M44</b>	<b>41.8</b>	-0.2	0.5	<b>110.7</b>	0.1	0.3	<b>83.6</b>	0.3	0.7
		-0.9	1.1		1.8	1.5		2.5	1.6
<b>HMD97T</b>	<b>42.3</b>	-0.1	0.2	<b>113.0</b>	0.3	0.2	<b>80.3</b>	-0.1	0.8
		-0.4	0.5		4.2	1.2		-0.7	2.0
<b>3N2CJA</b>	<b>38.7</b>	-0.9	0.8	<b>99.4</b>	-0.7	0.1	<b>75.5</b>	-0.6	1.6
		-4.0	1.9		-9.4	0.6		-5.5	3.9
	<b>44.2</b>	0.3	0.7	<b>83.0</b>	-2.0	1.6	<b>59.2</b>	-2.2	0.3
		1.5	1.7		-25.8	8.3		-21.9	0.7
<b>KN9DZT</b>	<b>37.8</b>	-1.1	0.9	<b>95.2</b>	-1.1	1.1	<b>66.2</b>	-1.5	1.0
		-4.9	2.2		-13.6	5.6		-14.9	2.3
<b>TPMZPJ</b>	<b>27.2</b>	-3.4	0.1	<b>80.8</b>	-2.2	1.0	<b>57.4</b>	-2.4	0.6
		-15.5	0.3		-28.0	5.0		-23.7	1.5
<b>NHLV9L</b>	<b>43.8</b>	0.3	1.2	<b>111.0</b>	0.2	0.3	<b>84.8</b>	0.4	0.4
		1.1	2.8		2.2	1.7		3.7	0.9
<b>VVMYDE</b>	<b>43.1</b>	0.1	0.3	<b>108.0</b>	-0.1	0.4	<b>81.1</b>	0.0	0.3
		0.4	0.7		-0.8	2.0		0.0	0.6
<b>NT8YFL</b>	<b>31.8</b>	-2.4		<b>94.6</b>	-1.1		<b>69.7</b>	-1.1	
		-10.9	0.0		-14.3	0.0		-11.4	0.0
<b>Q77MKK</b>	<b>49.2</b>	1.4	1.8	<b>121.9</b>	1.0	2.3	<b>92.9</b>	1.2	3.0
		6.5	4.3		13.0	11.8		11.8	7.1
<b>Grand Median</b>		42.7			108.8			81.1	
<b>Median Abs Dev</b>		1.1			6.9			4.0	
<b>Avg Within Lab SD</b>		2.3			5.2			2.4	
<b>Labs Included</b>		29			29			29	
<b>Labs Reporting</b>		29			29			29	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mn (SubTestCode 221)	in the Wet Digestion Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
NRW8AP	121.1	7.1	0.1	137.0	-3.0	0.0	51.3	3.6	0.4	
		58.3	0.4		-99.0	0.5		18.2	0.7	
6WAFT7	62.9	0.0	0.2	204.0	-1.0	0.1	33.2	0.0	0.1	
		0.1	0.6		-32.0	2.6		0.2	0.2	
HGWQWR	62.1	-0.1	0.2	229.1	-0.2	0.2	32.9	0.0	1.5	
		-0.7	0.7		-6.9	6.5		-0.1	2.6	
FQP3HU	63.3	0.1	0.1	258.4	0.7	0.1	35.2	0.4	0.8	
		0.5	0.3		22.4	4.3		2.2	1.4	
C47NEY	62.1	-0.1	0.4	238.3	0.1	0.1	33.0	0.0	0.6	
		-0.7	1.2		2.3	3.8		0.0	1.0	
4RZ3B8	60.4	-0.3	2.1	204.8	-0.9	0.7	30.3	-0.5	1.3	
		-2.4	6.3		-31.2	20.1		-2.7	2.2	
C4PRLY	63.3	0.1	0.4	251.7	0.5	0.1	41.0	1.6		
		0.6	1.2		15.7	4.0		8.0	0.0	
477W66	57.9	-0.6	0.2	58.7	-5.4	0.0	29.7	-0.7	0.3	
		-4.9	0.5		-177.3	0.4		-3.4	0.6	
CE8C7V	41.2	-2.6	1.1	236.0	0.0	0.5	17.3	-3.1	1.6	
		-21.6	3.2		0.0	13.9		-15.8	2.7	
KD74FP	53.7	-1.1	0.5	210.0	-0.8	0.1	29.0	-0.8		
		-9.1	1.5		-26.0	3.5		-4.0	0.0	
4XQDK7	64.4	0.2	0.7	239.7	0.1	0.1	33.2	0.0	0.4	
		1.7	2.2		3.7	3.1		0.2	0.7	
CQF2X6	67.7	0.6	0.7	251.3	0.5	0.1	38.3	1.0	0.7	
		4.9	2.1		15.3	4.2		5.3	1.2	
UB76AM	67.0	0.5		257.3	0.6	0.1	35.3	0.5	0.7	
		4.2	0.0		21.3	2.1		2.3	1.2	
3D69EG	66.5	0.5	0.1	238.2	0.1	0.0	35.2	0.4	0.1	
		3.7	0.4		2.2	1.1		2.1	0.2	
BL7NF7	67.5	0.6	1.6	248.8	0.4	1.3	32.0	-0.2	0.6	
		4.7	4.7		12.8	38.7		-1.1	1.0	
	61.3	-0.2	0.9	247.0	0.3	0.1	33.0	0.0	0.4	
		-1.5	2.8		11.0	3.1		-0.1	0.6	
4C4V8E	62.3	-0.1	0.2	230.7	-0.2	0.3	32.7	-0.1	0.7	
		-0.4	0.6		-5.3	7.6		-0.4	1.2	
BZCGA4	42.0	-2.5	0.3	227.0	-0.3	2.0	15.0	-3.5		
		-20.8	1.0		-9.0	58.9		-18.0	0.0	
XX43YG	66.7	0.5	1.2	244.7	0.3	0.3	34.0	0.2	1.6	
		3.9	3.5		8.7	9.0		1.0	2.6	
89DUG9	64.4	0.2	0.4	251.9	0.5	0.1	35.4	0.5	0.7	
		1.6	1.1		15.9	3.3		2.4	1.1	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>RKW4MM</b>	<b>62.8</b>	0.0	0.4	<b>232.3</b>	-0.1	0.1	<b>34.0</b>	0.2	0.4
		0.1	1.2		-3.7	2.1		1.0	0.6
<b>CZ7M44</b>	<b>60.2</b>	-0.3	1.0	<b>238.3</b>	0.1	0.3	<b>32.9</b>	0.0	0.8
		-2.6	3.0		2.3	9.0		-0.1	1.4
<b>HMD97T</b>	<b>63.7</b>	0.1	0.5	<b>251.7</b>	0.5	0.1	<b>33.2</b>	0.0	0.7
		1.0	1.4		15.7	2.4		0.2	1.1
<b>3N2CJA</b>	<b>61.8</b>	-0.1	0.7	<b>230.7</b>	-0.2	0.1	<b>32.3</b>	-0.1	0.9
		-0.9	2.2		-5.3	1.5		-0.7	1.5
	<b>59.1</b>	-0.5	0.6	<b>246.3</b>	0.3	0.2	<b>37.0</b>	0.8	0.2
		-3.7	1.7		10.3	5.5		4.0	0.4
<b>KN9DZT</b>	<b>60.9</b>	-0.2	0.3	<b>234.0</b>	-0.1	0.1	<b>33.0</b>	0.0	0.3
		-1.8	0.8		-2.0	3.6		0.0	0.5
<b>TPMZPJ</b>	<b>59.8</b>	-0.4	0.8	<b>213.6</b>	-0.7	0.4	<b>30.8</b>	-0.4	0.5
		-3.0	2.3		-22.4	11.9		-2.3	0.8
<b>NHLV9L</b>	<b>66.9</b>	0.5	1.1	<b>164.8</b>	-2.2	4.8	<b>35.3</b>	0.5	0.6
		4.1	3.3		-71.2	142.5		2.3	0.9
<b>VVMYDE</b>	<b>62.8</b>	0.0	0.4	<b>231.0</b>	-0.2	0.1	<b>32.3</b>	-0.1	0.1
		0.0	1.1		-5.0	1.7		-0.7	0.1
<b>NT8YFL</b>	<b>60.9</b>	-0.2		<b>233.5</b>	-0.1		<b>29.0</b>	-0.8	
		-1.8	0.0		-2.5	0.0		-4.1	0.0
<b>Q77MKK</b>	<b>68.4</b>	0.7	3.8	<b>266.8</b>	0.9	1.1	<b>37.2</b>	0.8	3.9
		5.6	11.4		30.8	34.2		4.2	6.5
<b>Grand Median</b>		62.8			236.0			33.0	
<b>Median Abs Dev</b>		2.4			11.0			2.2	
<b>Avg Within Lab SD</b>		3.0			29.8			1.7	
<b>Labs Included</b>		31			31			31	
<b>Labs Reporting</b>		31			31			31	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Fe (SubTestCode 222)	in the Wet Digestion Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>NRW8AP</b>	<b>163.4</b>	-5.0	0.0	<b>250.2</b>	6.5	0.2	<b>81.6</b>	-1.9	0.2	
		-290.1	1.8		98.3	1.7		-22.9	0.6	
<b>6WAFT7</b>	<b>496.9</b>	0.7	0.1	<b>156.2</b>	0.3	0.4	<b>110.7</b>	0.5	0.2	
		43.4	5.1		4.3	3.9		6.2	0.6	
<b>HGWQWR</b>	<b>460.1</b>	0.1	0.2	<b>142.7</b>	-0.6	0.3	<b>103.2</b>	-0.1	0.5	
		6.6	9.0		-9.2	3.2		-1.3	2.0	
<b>FQP3HU</b>	<b>445.7</b>	-0.1	0.1	<b>152.8</b>	0.1	0.7	<b>109.5</b>	0.4	1.1	
		-7.8	5.2		0.9	7.0		5.0	4.2	
<b>C47NEY</b>	<b>422.5</b>	-0.5	0.1	<b>155.9</b>	0.3	0.5	<b>102.3</b>	-0.2	0.4	
		-31.0	7.6		4.0	4.3		-2.2	1.5	
<b>4RZ3B8</b>	<b>428.9</b>	-0.4	1.0	<b>136.3</b>	-1.0	1.0	<b>90.5</b>	-1.2	0.9	
		-24.6	56.0		-15.6	9.6		-14.0	3.5	
<b>C4PRLY</b>	<b>374.3</b>	-1.4	0.2	<b>175.0</b>	1.5	0.9	<b>111.3</b>	0.6	0.8	
		-79.2	9.9		23.1	8.5		6.8	2.9	
<b>477W66</b>	<b>422.3</b>	-0.5	0.1	<b>162.0</b>	0.7	0.5	<b>101.7</b>	-0.2	1.4	
		-31.2	4.5		10.1	4.4		-2.9	5.0	
<b>CE8C7V</b>	<b>410.3</b>	-0.7	0.4	<b>147.7</b>	-0.3	0.9	<b>92.6</b>	-1.0	0.3	
		-43.2	21.2		-4.2	8.6		-11.9	1.1	
<b>KD74FP</b>	<b>450.7</b>	0.0	0.4	<b>147.3</b>	-0.3	0.1	<b>100.0</b>	-0.4	0.5	
		-2.8	20.6		-4.5	1.2		-4.5	1.7	
<b>4XQDK7</b>	<b>467.7</b>	0.2	0.2	<b>151.0</b>	-0.1	0.1	<b>108.0</b>	0.3	0.7	
		14.2	9.0		-0.9	1.0		3.5	2.6	
<b>CQF2X6</b>	<b>456.3</b>	0.0	0.4	<b>147.0</b>	-0.3	1.1	<b>104.7</b>	0.0	0.3	
		2.8	24.0		-4.9	10.1		0.2	1.2	
<b>UB76AM</b>	<b>385.7</b>	-1.2	0.2	<b>144.3</b>	-0.5	0.2	<b>90.0</b>	-1.2	0.3	
		-67.8	10.0		-7.5	1.5		-14.5	1.0	
<b>3D69EG</b>	<b>513.4</b>	1.0	0.0	<b>166.6</b>	1.0	0.1	<b>110.8</b>	0.5	0.0	
		59.9	2.3		14.8	0.5		6.3	0.0	
<b>BL7NF7</b>	<b>620.6</b>	2.9	3.3	<b>152.7</b>	0.1	3.5	<b>103.2</b>	-0.1	0.5	
		167.1	192.9		0.9	33.5		-1.3	1.9	
	<b>544.7</b>	1.6	0.6	<b>182.2</b>	2.0	0.7	<b>120.3</b>	1.3	0.4	
		91.2	34.2		30.4	6.3		15.7	1.7	
<b>4C4V8E</b>	<b>486.0</b>	0.6	0.1	<b>153.7</b>	0.1	0.6	<b>108.7</b>	0.4	1.1	
		32.5	7.0		1.8	5.7		4.2	4.2	
<b>BZCGA4</b>	<b>448.0</b>	-0.1	0.2	<b>115.7</b>	-2.4	0.2	<b>66.3</b>	-3.2	0.2	
		-5.5	9.0		-36.2	1.5		-38.2	0.6	
<b>XX43YG</b>	<b>505.3</b>	0.9	0.7	<b>158.0</b>	0.4	1.5	<b>110.3</b>	0.5	2.2	
		51.8	39.6		6.1	13.9		5.8	8.1	
<b>89DUG9</b>	<b>493.8</b>	0.7	0.2	<b>158.2</b>	0.4	0.3	<b>109.9</b>	0.5	0.5	
		40.3	11.1		6.3	2.7		5.4	2.0	



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
		Difference	W/L STD		Difference	W/L STD		Difference	W/L STD
<b>RKW4MM</b>	<b>489.3</b>	0.6	0.2	<b>150.3</b>	-0.1	0.4	<b>108.7</b>	0.4	0.7
		35.8	9.0		-1.5	3.5		4.2	2.5
<b>CZ7M44</b>	<b>435.7</b>	-0.3	0.3	<b>149.0</b>	-0.2	0.7	<b>106.3</b>	0.2	1.3
		-17.8	18.9		-2.9	6.2		1.8	4.9
<b>HMD97T</b>	<b>542.8</b>	1.5	0.5	<b>173.1</b>	1.4	0.5	<b>114.6</b>	0.9	0.8
		89.3	26.4		21.2	4.3		10.1	2.9
<b>3N2CJA</b>	<b>490.3</b>	0.6	1.3	<b>139.3</b>	-0.8	0.3	<b>96.7</b>	-0.7	1.2
		36.8	74.7		-12.5	3.2		-7.8	4.6
	<b>423.0</b>	-0.5	0.2	<b>120.7</b>	-2.0	1.3	<b>81.9</b>	-1.9	0.3
		-30.5	11.4		-31.2	12.5		-22.6	1.1
<b>KN9DZT</b>	<b>457.0</b>	0.1	0.2	<b>143.0</b>	-0.6	1.1	<b>92.0</b>	-1.1	1.2
		3.5	12.5		-8.9	10.0		-12.5	4.3
<b>TPMZPJ</b>	<b>390.9</b>	-1.1	0.2	<b>145.4</b>	-0.4	0.8	<b>104.4</b>	0.0	0.8
		-62.6	14.3		-6.4	7.5		-0.2	3.0
<b>NHLV9L</b>	<b>477.0</b>	0.4	0.2	<b>155.0</b>	0.2	0.2	<b>109.0</b>	0.4	0.5
		23.5	10.6		3.1	1.7		4.5	1.7
<b>VVMYDE</b>	<b>476.3</b>	0.4	0.2	<b>156.3</b>	0.3	0.3	<b>107.3</b>	0.2	0.4
		22.8	9.9		4.5	3.2		2.8	1.5
<b>NT8YFL</b>	<b>439.9</b>	-0.2		<b>134.0</b>	-1.2		<b>94.2</b>	-0.9	
		-13.6	0.0		-17.9	0.0		-10.3	0.0
<b>Q77MKK</b>	<b>417.3</b>	-0.6	3.8	<b>164.3</b>	0.8	2.2	<b>116.9</b>	1.0	3.2
		-36.2	220.5		12.4	20.9		12.4	12.0
<b>Grand Median</b>		453.5			151.9			104.5	
<b>Median Abs Dev</b>		31.8			6.4			5.6	
<b>Avg Within Lab SD</b>		58.1			9.5			3.7	
<b>Labs Included</b>		30			30			30	
<b>Labs Reporting</b>		30			30			30	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Cu (SubTestCode 223) <span style="float: right;">Data units: mg/kg</span>									
	SRBSRB1507			SRBSRB1508			SRBSRB1509		
NRW8AP	18.2	-1.1	0.1	87.4	11.8	0.2	17.3	-6.2	0.0
6WAFT7	20.6	0.0	0.1	42.2	-0.3	0.3	34.8	-0.3	0.2
HGWQWR	20.7	0.1	0.2	42.2	-0.3	0.8	36.3	0.3	0.3
FQP3HU	21.1	0.2	0.7	54.2	2.9	0.2	36.4	0.3	0.6
C47NEY	19.0	-0.8	0.1	42.6	-0.2	0.2	33.7	-0.6	0.4
4RZ3B8	21.4	-1.6	0.1	39.6	-0.7	0.6	33.2	-1.8	0.6
C4PRLY	22.3	0.4	2.1	45.7	-1.0	1.1	37.0	-0.8	1.3
477W66	15.5	0.8	2.5	39.5	-3.6	2.7	29.9	-2.4	2.0
CE8C7V	18.7	0.8	1.0	47.5	0.6	0.5	37.1	0.5	0.6
KD74FP	19.7	-1.9	0.8	43.3	4.2	3.0	34.3	1.6	0.3
4XQDK7	24.4	-0.4	0.5	37.8	0.0	0.2	32.0	-0.4	0.4
CQF2X6	19.0	-0.9	0.6	42.7	0.1	0.6	35.3	-1.2	0.6
UB76AM	21.0	1.8	0.4	45.7	-1.4	0.3	37.3	-1.2	0.5
3D69EG	20.2	3.8	0.5	45.6	-5.4	0.8	35.7	-3.5	0.7
BL7NF7	18.6	-0.8	0.8	42.3	-0.2	0.6	29.4	-0.1	0.4
4C4V8E	19.9	-1.6	1.0	41.7	-0.6	1.5	35.1	-0.2	0.6
BZCGA4	21.0	0.2	0.0	44.0	0.6	0.6	36.7	0.6	0.7
XX43YG	22.3	0.4	0.1	46.3	2.4	1.5	37.0	1.8	1.2
89DUG9	22.3	-0.2	0.1	45.7	0.6	0.2	38.6	0.1	0.1
		-0.4	0.2		2.3	0.4		0.2	0.2
		-0.9	1.0		-0.3	3.5		-2.1	0.6
		-2.0	1.2		-1.0	8.7		-6.2	1.0
		-0.3	0.8		-0.4	0.1		-0.2	0.3
		-0.7	0.9		-1.6	0.3		-0.5	0.5
		-0.1	0.5		-0.3			-0.1	0.4
		-0.3	0.6		-1.3	0.0		-0.2	0.6
		0.2			0.2	0.4		0.4	0.4
		0.4	0.0		0.7	1.0		1.1	0.6
		0.8	1.3		0.8	1.6		0.5	1.7
		1.7	1.5		3.1	4.0		1.5	2.6
		0.8	0.4		0.7	0.3		1.1	0.6
		1.7	0.5		2.5	0.9		3.1	1.0



## ALP Program - Participant Web Summary Report - Cycle 28

	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
	Difference W/L STD			Difference W/L STD			Difference W/L STD		
<b>RKW4MM</b>	<b>19.5</b>	-0.5	0.3	<b>40.8</b>	-0.7	0.5	<b>36.4</b>	0.3	0.6
		-1.1	0.4		-2.5	1.3		0.9	0.9
<b>CZ7M44</b>	<b>21.1</b>	0.2	0.5	<b>47.7</b>	1.2	0.2	<b>34.6</b>	-0.3	3.9
		0.5	0.6		4.4	0.6		-0.9	6.2
<b>HMD97T</b>	<b>21.0</b>	0.2	0.3	<b>48.2</b>	1.3	0.9	<b>36.9</b>	0.4	0.5
		0.4	0.3		4.9	2.3		1.3	0.7
<b>3N2CJA</b>	<b>18.8</b>	-0.8	0.3	<b>41.9</b>	-0.4	0.9	<b>33.3</b>	-0.8	1.1
		-1.8	0.4		-1.4	2.1		-2.2	1.8
	<b>20.6</b>	0.0	1.9	<b>43.2</b>	0.0	0.4	<b>38.2</b>	0.9	0.9
		0.0	2.2		-0.1	1.0		2.7	1.4
<b>KN9DZT</b>	<b>18.4</b>	-1.0	0.4	<b>42.5</b>	-0.2	0.9	<b>33.9</b>	-0.5	0.2
		-2.2	0.5		-0.8	2.2		-1.6	0.4
<b>TPMZPJ</b>	<b>25.1</b>	2.1	1.5	<b>46.0</b>	0.7	0.8	<b>41.0</b>	1.9	0.6
		4.5	1.8		2.8	2.1		5.5	1.0
<b>NHLV9L</b>	<b>21.2</b>	0.3	0.8	<b>45.0</b>	0.5	0.8	<b>38.1</b>	0.9	0.3
		0.6	1.0		1.8	2.0		2.5	0.5
<b>VVMYDE</b>	<b>22.8</b>	1.0	0.4	<b>41.2</b>	-0.6	0.2	<b>34.4</b>	-0.4	0.2
		2.2	0.5		-2.1	0.5		-1.1	0.4
<b>NT8YFL</b>	<b>19.1</b>	-0.7		<b>46.6</b>	0.9		<b>35.7</b>	0.1	
		-1.4	0.0		3.4	0.0		0.2	0.0
<b>Q77MKK</b>	<b>22.9</b>	1.1	3.4	<b>46.4</b>	0.8	2.4	<b>41.6</b>	2.1	2.0
		2.3	4.0		3.1	6.0		6.1	3.1
<b>Grand Median</b>		20.6			43.3			35.5	
<b>Median Abs Dev</b>		1.3			2.4			1.5	
<b>Avg Within Lab SD</b>		1.2			2.5			1.6	
<b>Labs Included</b>		30			30			30	
<b>Labs Reporting</b>		30			30			30	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mo (SubTestCode 224)	in the Wet Digestion Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>6WAF7</b>	<b>0.82</b>	0.14	0.28	<b>1.12</b>	-0.12	0.30	<b>0.62</b>	-0.58	0.68	
		0.02	0.03		-0.02	0.03		-0.05	0.03	
<b>C47NEY</b>	<b>0.84</b>	0.30	0.32	<b>1.11</b>	-0.17	0.27	<b>0.73</b>	0.69	0.53	
		0.04	0.03		-0.02	0.02		0.06	0.03	
<b>C4PRLY</b>	<b>0.95</b>	1.08	0.10	<b>1.13</b>	-0.05	0.47	<b>0.73</b>	0.69	1.16	
		0.15	0.01		-0.01	0.04		0.06	0.06	
<b>KD74FP</b>	<b>0.77</b>	-0.27	0.61	<b>1.17</b>	0.22	0.68	<b>0.70</b>	0.37	2.10	
		-0.04	0.06		0.03	0.06		0.03	0.10	
<b>CQF2X6</b>	<b>0.73</b>	-0.51	4.73	<b>2.33</b>	8.73	16.34	<b>0.97</b>	3.62	6.43	
		-0.07	0.45		1.20	1.38		0.30	0.31	
<b>3D69EG</b>				<b>1.05</b>	-0.61	0.90				
					-0.08	0.08				
<b>BL7NF7</b>	<b>0.97</b>	1.23	3.22	<b>1.35</b>	1.54	3.01	<b>0.71</b>	0.53	1.02	
		0.17	0.31		0.21	0.25		0.04	0.05	
<b>XX43YG</b>	<b>0.67</b>	-0.95	0.79	<b>1.00</b>	-1.00	1.03	<b>0.54</b>	-1.58	1.64	
		-0.13	0.08		-0.14	0.09		-0.13	0.08	
<b>89DUG9</b>	<b>1.07</b>	1.98	0.24	<b>1.37</b>	1.68	0.42				
		0.27	0.02		0.23	0.04				
<b>HMD97T</b>				<b>1.35</b>	1.55	0.29				
					0.21	0.02				
<b>3N2CJA</b>	<b>0.78</b>	-0.14	0.33	<b>1.12</b>	-0.15	0.65	<b>0.62</b>	-0.57	0.43	
		-0.02	0.03		-0.02	0.06		-0.05	0.02	
	<b>0.83</b>	0.19	0.28	<b>1.20</b>	0.44	0.89	<b>0.67</b>	0.01	0.36	
		0.03	0.03		0.06	0.08		0.00	0.02	
<b>KN9DZT</b>	<b>0.78</b>	-0.17	0.14	<b>1.14</b>	0.05	0.56	<b>0.64</b>	-0.33	0.24	
		-0.02	0.01		0.01	0.05		-0.03	0.01	
<b>TPMZPJ</b>	<b>0.66</b>	-1.05	0.10	<b>0.94</b>	-1.46	0.48	<b>0.50</b>	-2.07	0.42	
		-0.14	0.01		-0.20	0.04		-0.17	0.02	
<b>NHLV9L</b>	<b>0.88</b>	0.59	0.44	<b>1.19</b>	0.41	0.48	<b>0.67</b>	0.00	0.42	
		0.08	0.04		0.06	0.04		0.00	0.02	
<b>Grand Median</b>		0.80			1.14			0.67		
<b>Median Abs Dev</b>		0.06			0.06			0.05		
<b>Avg Within Lab SD</b>		0.10			0.08			0.05		
<b>Labs Included</b>		12			14			11		
<b>Labs Reporting</b>		12			14			11		





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

P (SubTestCode 225)	in the Dry Ash Property Groups									Data units: Percent
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>7WA3K4</b>	<b>0.58</b>	-0.09	0.30	<b>0.27</b>	0.00	0.99	<b>0.14</b>	-0.82	0.27	
		-0.01	0.00		0.00	0.01		-0.01	0.00	
<b>Q4YHTG</b>	<b>0.71</b>	1.71	0.87	<b>0.32</b>	1.38	1.68	<b>0.16</b>	0.94	1.91	
		0.12	0.01		0.05	0.01		0.01	0.01	
<b>32WJM7</b>	<b>0.59</b>	0.00	0.87	<b>0.26</b>	-0.42	0.00	<b>0.15</b>	0.00	0.00	
		0.00	0.01		-0.01	0.00		0.00	0.00	
<b>BL7NF7</b>	<b>0.66</b>	1.05	1.28	<b>0.30</b>	0.67	0.52	<b>0.15</b>	0.37	0.26	
		0.07	0.01		0.02	0.00		0.00	0.00	
<b>RLDZFM</b>	<b>0.55</b>	-0.52	1.33	<b>0.24</b>	-0.91	0.97	<b>0.14</b>	-1.25	1.10	
		-0.04	0.02		-0.03	0.01		-0.01	0.01	
<b>Grand Median</b>		0.59		0.27			0.15			
<b>Median Abs Dev</b>		0.04		0.02			0.01			
<b>Avg Within Lab SD</b>		0.01		0.01			0.01			
<b>Labs Included</b>		5		5			5			
<b>Labs Reporting</b>		5		5			5			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

K (SubTestCode 226)	in the Dry Ash Property Groups									Data units: Percent
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
7WA3K4	<b>7.70</b>	0.12	0.09	<b>10.45</b>	3.49	2.06	<b>1.07</b>	-0.29	1.84	
		0.18	0.02		9.10	0.05		-0.11	0.03	
Q4YHTG	<b>7.99</b>	0.30	0.04	<b>1.41</b>	0.02	0.44	<b>1.31</b>	0.36	0.64	
		0.48	0.01		0.06	0.01		0.13	0.01	
32WJM7	<b>7.33</b>	-0.12	0.23	<b>1.28</b>	-0.02	0.00	<b>1.28</b>	0.29	0.96	
		-0.18	0.06		-0.06	0.00		0.11	0.02	
BL7NF7	<b>8.38</b>	0.55	0.63	<b>1.52</b>	0.07	0.46	<b>1.48</b>	0.83	0.40	
		0.87	0.17		0.18	0.01		0.31	0.01	
RLDZFM	<b>7.32</b>	-0.13	2.35	<b>0.98</b>	-0.14	0.44	<b>1.02</b>	-0.42	0.55	
		-0.20	0.65		-0.36	0.01		-0.15	0.01	
8QG8D6	<b>3.06</b>	-2.83	0.08	<b>0.54</b>	-0.31	1.08	<b>0.49</b>	-1.85	0.91	
		-4.46	0.02		-0.80	0.03		-0.68	0.02	
<b>Grand Median</b>		7.51			1.34			1.17		
<b>Median Abs Dev</b>		0.34			0.27			0.14		
<b>Avg Within Lab SD</b>		0.28			0.03			0.02		
<b>Labs Included</b>		6			6			6		
<b>Labs Reporting</b>		6			6			6		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Ca (SubTestCode 227)	in the Dry Ash Property Groups									Data units: Percent
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>7WA3K4</b>	<b>1.18</b>	-0.09	1.25	<b>2.05</b>	0.14	1.23	<b>3.67</b>	-0.20	1.89	
		-0.03	0.03		0.07	0.03		-0.17	0.19	
<b>Q4YHTG</b>	<b>1.19</b>	-0.04	0.50	<b>1.82</b>	-0.35	0.39	<b>3.60</b>	-0.29	0.10	
		-0.01	0.01		-0.17	0.01		-0.24	0.01	
<b>32WJM7</b>	<b>1.22</b>	0.04	0.29	<b>1.92</b>	-0.14	0.45	<b>4.01</b>	0.20	0.39	
		0.01	0.01		-0.07	0.01		0.17	0.04	
<b>BL7NF7</b>	<b>1.30</b>	0.32	0.51	<b>2.25</b>	0.54	1.35	<b>4.15</b>	0.37	0.60	
		0.10	0.01		0.26	0.04		0.31	0.06	
<b>RLDZFM</b>	<b>1.30</b>	0.31	1.89	<b>2.16</b>	0.35	1.02	<b>4.34</b>	0.60	1.22	
		0.09	0.04		0.17	0.03		0.50	0.12	
<b>8QG8D6</b>	<b>0.23</b>	-3.24	0.50	<b>0.76</b>	-2.54	1.13	<b>1.83</b>	-2.40	0.64	
		-0.98	0.01		-1.23	0.03		-2.01	0.07	
<b>Grand Median</b>		1.20		1.99			3.84			
<b>Median Abs Dev</b>		0.06		0.17			0.28			
<b>Avg Within Lab SD</b>		0.02		0.03			0.10			
<b>Labs Included</b>		6		6			6			
<b>Labs Reporting</b>		6		6			6			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mg (SubTestCode 228)	in the Dry Ash Property Groups									Data units: Percent
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>7WA3K4</b>	<b>1.52</b>	0.18	1.31	<b>0.32</b>	0.66	1.39	<b>0.35</b>	-0.02	1.08	
		0.06	0.03		0.05	0.01		0.00	0.01	
<b>Q4YHTG</b>	<b>1.42</b>	-0.12	0.63	<b>0.26</b>	-0.09	1.02	<b>0.36</b>	0.11	1.21	
		-0.04	0.02		-0.01	0.01		0.01	0.01	
<b>32WJM7</b>	<b>1.50</b>	0.12	0.82	<b>0.27</b>	0.00	0.00	<b>0.35</b>	-0.07	0.70	
		0.04	0.02		0.00	0.00		-0.01	0.01	
<b>BL7NF7</b>	<b>1.60</b>	0.40	0.60	<b>0.32</b>	0.76	0.72	<b>0.38</b>	0.44	0.57	
		0.14	0.01		0.05	0.00		0.03	0.00	
<b>RLDZFM</b>	<b>1.41</b>	-0.13	1.66	<b>0.27</b>	0.00	0.00	<b>0.35</b>	0.02	1.40	
		-0.05	0.04		0.00	0.00		0.00	0.01	
<b>8QG8D6</b>	<b>0.39</b>	-3.09	0.33	<b>0.09</b>	-2.53	1.59	<b>0.11</b>	-3.38	0.79	
		-1.07	0.01		-0.18	0.01		-0.24	0.01	
<b>Grand Median</b>		1.46			0.27			0.35		
<b>Median Abs Dev</b>		0.05			0.03			0.01		
<b>Avg Within Lab SD</b>		0.02			0.01			0.01		
<b>Labs Included</b>		6			6			6		
<b>Labs Reporting</b>		6			6			6		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Na (SubTestCode 229)	in the Dry Ash Property Groups									Data units: Percent
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>7WA3K4</b>	<b>2.616</b>	-0.101	0.398	<b>0.057</b>	1.120	0.666	<b>0.020</b>	0.135	0.334	
		-0.080	0.056		0.023	0.002		0.002	0.001	
<b>Q4YHTG</b>	<b>2.777</b>	0.101	0.041	<b>0.043</b>	0.440	1.547	<b>0.020</b>	0.124	0.000	
		0.080	0.006		0.009	0.006		0.001	0.000	
<b>32WJM7</b>	<b>2.890</b>	0.244	0.124	<b>0.025</b>	-0.477	0.309	<b>0.015</b>	-0.331	0.278	
		0.194	0.017		-0.010	0.001		-0.004	0.001	
<b>BL7NF7</b>	<b>2.578</b>	-0.148	0.406	<b>0.025</b>	-0.440	0.808	<b>0.017</b>	-0.124	0.098	
		-0.118	0.057		-0.009	0.003		-0.001	0.000	
<b>RLDZFM</b>	<b>4.217</b>	1.913	2.377	<b>0.053</b>	0.931	1.547	<b>0.050</b>	2.688	2.409	
		1.520	0.333		0.019	0.006		0.031	0.010	
<b>8QG8D6</b>	<b>1.473</b>	-1.539	0.095	<b>0.021</b>	-0.640	0.155	<b>0.011</b>	-0.645	0.000	
		-1.223	0.013		-0.013	0.001		-0.008	0.000	
<b>Grand Median</b>		2.70			0.034			0.019		
<b>Median Abs Dev</b>		0.16			0.011			0.003		
<b>Avg Within Lab SD</b>		0.14			0.004			0.004		
<b>Labs Included</b>		6			6			6		
<b>Labs Reporting</b>		6			6			6		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

AI (SubTestCode 230)	in the Dry Ash Property Groups						Data units: mg/kg
	SRBSRB1507		SRBSRB1508		SRBSRB1509		
<b>BL7NF7</b>	<b>476.6</b>	0.5	<b>109.2</b>	1.2	<b>160.2</b>	0.1	
		12.4		3.9		0.8	
<b>4C4V8E</b>	<b>357.7</b>	1.4	<b>81.7</b>	0.9	<b>136.0</b>	1.6	
		34.8		3.1		9.8	
<b>RLDZFM</b>	<b>471.3</b>	0.9	<b>83.1</b>	0.9	<b>135.2</b>	0.7	
		21.1		2.9		4.6	
<b>Grand Median</b>	471.3		83.1		136.0		
<b>Median Abs Dev</b>							
<b>Avg Within Lab SD</b>	24.6		3.3		6.3		
<b>Labs Included</b>	3		3		3		
<b>Labs Reporting</b>	3		3		3		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

B (SubTestCode 231)	in the Dry Ash Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>6WAFT7</b>	<b>29.9</b>	1.2	0.2	<b>61.1</b>	0.2	0.6	<b>79.3</b>	1.0	0.2	
		4.6	0.4		2.3	1.1		8.6	0.3	
<b>7WA3K4</b>	<b>26.2</b>	0.2	0.3	<b>62.0</b>	0.3	1.5	<b>70.4</b>	0.0	0.9	
		0.9	0.5		3.2	2.8		-0.3	1.1	
<b>Q4YHTG</b>	<b>25.0</b>	-0.1	0.5	<b>60.3</b>	0.2	0.3	<b>71.0</b>	0.0	0.7	
		-0.3	1.0		1.5	0.6		0.3	1.0	
<b>32WJM7</b>	<b>30.3</b>	1.3	0.3	<b>63.3</b>	0.5	0.6	<b>78.7</b>	1.0	0.4	
		5.0	0.6		4.5	1.2		8.0	0.6	
<b>BL7NF7</b>	<b>23.9</b>	-0.4	0.5	<b>50.0</b>	-1.0	1.1	<b>62.0</b>	-1.1	1.0	
		-1.5	1.0		-8.9	2.0		-8.7	1.4	
<b>4C4V8E</b>	<b>25.7</b>	0.1	0.8	<b>57.3</b>	-0.2	1.7	<b>73.0</b>	0.3	1.3	
		0.3	1.5		-1.5	3.1		2.3	1.7	
<b>RLDZFM</b>	<b>22.1</b>	-0.9	0.4	<b>51.1</b>	-0.8	0.3	<b>67.3</b>	-0.4	1.9	
		-3.2	0.9		-7.7	0.6		-3.4	2.6	
<b>8QG8D6</b>	<b>20.7</b>	-1.2	2.5	<b>38.2</b>	-2.2	0.9	<b>57.9</b>	-1.6	0.5	
		-4.6	5.0		-20.7	1.7		-12.8	0.6	
<b>Grand Median</b>		25.3		58.8			70.7			
<b>Median Abs Dev</b>		2.4		3.8			5.7			
<b>Avg Within Lab SD</b>		2.0		1.8			1.4			
<b>Labs Included</b>		8		8			8			
<b>Labs Reporting</b>		8		8			8			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Zn (SubTestCode 232)	in the Dry Ash Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>7WA3K4</b>	<b>38.1</b>	-0.3	1.0	<b>110.3</b>	0.0	1.9	<b>74.3</b>	-0.1	0.1	
		-5.3	1.1		-0.4	3.8		-3.0	0.1	
<b>Q4YHTG</b>	<b>52.3</b>	0.5	1.4	<b>111.0</b>	0.0	0.5	<b>80.0</b>	0.1	0.8	
		9.0	1.5		0.4	1.0		2.7	1.0	
<b>32WJM7</b>	<b>37.7</b>	-0.3	0.5	<b>101.7</b>	-0.3	0.3	<b>74.7</b>	-0.1	0.5	
		-5.7	0.6		-9.0	0.6		-2.7	0.6	
<b>BL7NF7</b>	<b>48.6</b>	0.3	1.5	<b>140.4</b>	1.1	0.8	<b>91.0</b>	0.6	0.8	
		5.3	1.6		29.8	1.7		13.6	1.0	
<b>RLDZFM</b>	<b>36.7</b>	-0.4	0.7	<b>103.1</b>	-0.3	1.2	<b>74.6</b>	-0.1	1.9	
		-6.6	0.7		-7.5	2.4		-2.7	2.2	
<b>8QG8D6</b>	<b>78.1</b>	2.1	0.2	<b>170.6</b>	2.3	0.4	<b>146.1</b>	3.0	1.0	
		34.7	0.2		60.0	0.8		68.7	1.2	
<b>Grand Median</b>		43.3		110.6			77.3			
<b>Median Abs Dev</b>		6.1		8.3			2.9			
<b>Avg Within Lab SD</b>		1.1		2.1			1.2			
<b>Labs Included</b>		6		6			6			
<b>Labs Reporting</b>		6		6			6			





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mn (SubTestCode 233)	in the Dry Ash Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>7WA3K4</b>	<b>57.2</b>	0.0	1.4	<b>252.1</b>	0.4	0.4	<b>27.1</b>	-1.0	0.7	
		-0.2	1.5		13.9	2.0		-4.4	0.4	
<b>Q4YHTG</b>	<b>70.3</b>	1.5	0.6	<b>261.3</b>	0.7	0.3	<b>41.0</b>	2.0	1.6	
		12.9	0.6		23.2	1.5		9.4	1.0	
<b>32WJM7</b>	<b>57.7</b>	0.0	0.6	<b>207.0</b>	-1.0	0.7	<b>31.0</b>	-0.1		
		0.2	0.6		-31.2	3.6		-0.6	0.0	
<b>BL7NF7</b>	<b>68.9</b>	1.3	0.4	<b>263.1</b>	0.8	2.1	<b>32.1</b>	0.1	0.9	
		11.5	0.4		24.9	10.4		0.6	0.5	
<b>RLDZFM</b>	<b>54.8</b>	-0.3	1.7	<b>218.8</b>	-0.6	1.0	<b>29.0</b>	-0.5	1.4	
		-2.6	1.7		-19.4	5.1		-2.5	0.8	
<b>8QG8D6</b>	<b>49.5</b>	-0.9	0.5	<b>224.2</b>	-0.4	0.2	<b>32.9</b>	0.3	0.4	
		-7.9	0.5		-13.9	1.0		1.3	0.2	
<b>Grand Median</b>		57.4		238.2			31.6			
<b>Median Abs Dev</b>		5.3		21.3			1.9			
<b>Avg Within Lab SD</b>		1.0		5.1			0.6			
<b>Labs Included</b>		6		6			6			
<b>Labs Reporting</b>		6		6			6			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Fe (SubTestCode 234)	in the Dry Ash Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>7WA3K4</b>	<b>404.2</b>	0.3	0.0	<b>110.5</b>	-0.4	1.1	<b>60.5</b>	-1.2	0.3	
		46.9	1.0		-11.2	3.3		-26.4	0.5	
<b>Q4YHTG</b>	<b>328.0</b>	-0.2	0.1	<b>131.0</b>	0.3	0.3	<b>85.0</b>	-0.1	0.6	
		-29.3	1.0		9.3	1.0		-1.9	1.0	
<b>32WJM7</b>	<b>263.0</b>	-0.7	0.3	<b>112.3</b>	-0.3	0.5	<b>69.3</b>	-0.8	1.0	
		-94.3	5.6		-9.3	1.5		-17.5	1.5	
<b>BL7NF7</b>	<b>488.9</b>	1.0	2.3	<b>183.3</b>	2.1	1.8	<b>105.2</b>	0.8	1.8	
		131.5	45.8		61.7	5.4		18.3	2.9	
<b>RLDZFM</b>	<b>386.6</b>	0.2	0.8	<b>135.5</b>	0.5	1.2	<b>88.7</b>	0.1	1.1	
		29.3	15.8		13.8	3.5		1.9	1.7	
<b>8QG8D6</b>	<b>129.9</b>	-1.6	0.0	<b>106.9</b>	-0.5	0.3	<b>108.6</b>	1.0	0.2	
		-227.4	0.8		-14.7	0.8		21.8	0.4	
<b>Grand Median</b>		357.3		121.7			86.9			
<b>Median Abs Dev</b>		70.6		12.5			17.9			
<b>Avg Within Lab SD</b>		19.9		3.1			1.6			
<b>Labs Included</b>		6		6			6			
<b>Labs Reporting</b>		6		6			6			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Cu (SubTestCode 235)	in the Dry Ash Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>7WA3K4</b>	<b>17.9</b>	-0.1	1.5	<b>38.4</b>	-0.5	0.3	<b>31.0</b>	-0.7	0.4	
		-0.6	0.9		-3.6	0.8		-3.0	0.3	
<b>Q4YHTG</b>	<b>20.0</b>	0.3	1.7	<b>57.0</b>	2.1	0.4	<b>42.3</b>	2.0	0.8	
		1.5	1.0		15.1	1.0		8.3	0.6	
<b>32WJM7</b>	<b>13.9</b>	-0.9	0.3	<b>39.6</b>	-0.3	0.2	<b>34.3</b>	0.1	1.2	
		-4.6	0.2		-2.4	0.6		0.3	0.9	
<b>BL7NF7</b>	<b>19.2</b>	0.1	0.5	<b>46.3</b>	0.6	0.9	<b>32.2</b>	-0.5	0.5	
		0.6	0.3		4.4	2.2		-1.9	0.4	
<b>RLDZFM</b>	<b>19.8</b>	0.3	0.7	<b>40.4</b>	-0.2	0.7	<b>33.8</b>	-0.1	1.8	
		1.3	0.4		-1.5	1.7		-0.3	1.4	
<b>8QG8D6</b>	<b>6.8</b>	-2.3	0.2	<b>43.5</b>	0.2	2.1	<b>37.1</b>	0.7	0.5	
		-11.7	0.1		1.5	5.1		3.0	0.3	
<b>Grand Median</b>		18.5		41.9			34.1			
<b>Median Abs Dev</b>		1.4		3.0			2.5			
<b>Avg Within Lab SD</b>		0.6		2.5			0.7			
<b>Labs Included</b>		6		6			6			
<b>Labs Reporting</b>		6		6			6			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mo (SubTestCode 236)	in the Dry Ash Property Groups						Data units: mg/kg
	SRBSRB1507		SRBSRB1508		SRBSRB1509		
<b>BL7NF7</b>	<b>0.91</b>	1.00 0.03	<b>1.34</b>	1.00 0.11	<b>0.64</b>	1.00 0.05	
<b>Grand Median</b>	0.91		1.34		0.64		
<b>Median Abs Dev</b>							
<b>Avg Within Lab SD</b>	0.03		0.11		0.05		
<b>Labs Included</b>	1		1		1		
<b>Labs Reporting</b>	1		1		1		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

As (SubTestCode 237)	in the Heavy Metals Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>6WAFT7</b>	<b>0.70</b>	2.72	1.76	<b>0.51</b>	2.64	2.21	<b>0.53</b>	2.87	2.13	
		0.52	0.03		0.40	0.10		0.39	0.04	
<b>3N2CJA</b>	<b>0.18</b>	0.00	1.17	<b>0.11</b>	0.00	0.11	<b>0.14</b>	0.00	0.63	
		0.00	0.02		0.00	0.00		0.00	0.01	
	<b>0.14</b>	-0.19	0.25	<b>0.11</b>	-0.02	0.15	<b>0.14</b>	-0.03	0.14	
		-0.04	0.00		0.00	0.01		0.00	0.00	
<b>KN9DZT</b>	<b>0.15</b>	-0.15	0.11	<b>0.08</b>	-0.18	0.31	<b>0.14</b>	-0.02	0.09	
		-0.03	0.00		-0.03	0.01		0.00	0.00	
<b>NHLV9L</b>	<b>0.24</b>	0.32	0.68	<b>0.19</b>	0.53	0.07	<b>0.20</b>	0.45	0.12	
		0.06	0.01		0.08	0.00		0.06	0.00	
<b>Grand Median</b>		0.18		0.11			0.14			
<b>Median Abs Dev</b>		0.04		0.03			0.00			
<b>Avg Within Lab SD</b>		0.02		0.04			0.02			
<b>Labs Included</b>		5		5			5			
<b>Labs Reporting</b>		5		5			5			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Ba (SubTestCode 238)	in the Heavy Metals Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>3D69EG</b>	<b>8.0</b>	0.2	0.1	<b>38.9</b>	0.0	0.2	<b>56.0</b>	0.0	0.3	
		0.0	0.0		-0.1	0.3		-0.1	0.3	
<b>HMD97T</b>	<b>7.9</b>	-0.2	1.4	<b>39.8</b>	0.6	0.1	<b>56.1</b>	0.0	1.0	
		0.0	0.4		0.8	0.1		0.1	1.1	
<b>3N2CJA</b>	<b>8.1</b>	0.6	1.0	<b>37.0</b>	-1.3	0.1	<b>55.0</b>	-0.6	1.8	
		0.1	0.3		-1.9	0.1		-1.1	1.9	
	<b>7.9</b>	-0.2	0.8	<b>39.0</b>	0.0	2.1	<b>59.1</b>	1.6	0.6	
		0.0	0.2		0.1	2.4		3.0	0.6	
<b>KN9DZT</b>	<b>8.3</b>	1.6	0.1	<b>39.1</b>	0.2	1.2	<b>57.0</b>	0.5	0.8	
		0.4	0.0		0.2	1.3		0.9	0.8	
<b>NHLV9L</b>	<b>7.6</b>	-1.3	1.6	<b>35.9</b>	-2.0	0.3	<b>53.6</b>	-1.3	0.7	
		-0.3	0.4		-3.0	0.3		-2.4	0.8	
<b>Grand Median</b>		7.92		38.9			56.0			
<b>Median Abs Dev</b>		0.09		0.5			1.0			
<b>Avg Within Lab SD</b>		0.27		1.1			1.0			
<b>Labs Included</b>		6		6			6			
<b>Labs Reporting</b>		6		6			6			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Cd (SubTestCode 239)	in the Heavy Metals Property Groups						Data units: mg/kg	
	SRBSRB1507			SRBSRB1508			SRBSRB1509	
<b>6WAFT7</b>	<b>1.799</b>	1.289	0.522	<b>0.015</b>	-0.852	1.947	<b>0.035</b>	1.731
		0.072	0.028		-0.004	0.006		0.016
<b>3D69EG</b>	<b>1.687</b>	-0.715	2.019					
		-0.040	0.110					
<b>HMD97T</b>	<b>1.739</b>	0.216	0.182					
		0.012	0.010					
<b>3N2CJA</b>	<b>1.670</b>	-1.013	0.840	<b>0.020</b>	0.414	0.289	<b>0.005</b>	0.029
		-0.057	0.046		0.002	0.001		0.000
	<b>1.727</b>	0.000	0.940	<b>0.017</b>	-0.414	0.353		
		0.000	0.051		-0.002	0.001		
<b>KN9DZT</b>	<b>1.673</b>	-0.953	0.106					
		-0.053	0.006					
<b>NHLV9L</b>	<b>1.757</b>	0.536	1.009	<b>0.023</b>	1.017	0.000	<b>0.006</b>	0.062
		0.030	0.055		0.005	0.000		0.001
<b>Grand Median</b>		1.73			0.019			0.006
<b>Median Abs Dev</b>		0.04			0.003			
<b>Avg Within Lab SD</b>		0.05			0.003			0.009
<b>Labs Included</b>		7			4			3
<b>Labs Reporting</b>		7			4			3



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Co (SubTestCode 240)	in the Heavy Metals Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>6WAFT7</b>	<b>0.39</b>	0.67	1.43	<b>0.48</b>	0.17	0.66	<b>0.06</b>	-0.48	1.72	
		0.04	0.02		0.01	0.01		-0.02	0.02	
<b>KD74FP</b>	<b>0.41</b>	0.96	0.87	<b>0.51</b>	0.69	0.90	<b>0.16</b>	2.52	1.23	
		0.06	0.01		0.04	0.02		0.08	0.01	
<b>3D69EG</b>	<b>0.40</b>	0.75	1.00	<b>0.56</b>	1.63	1.04				
		0.05	0.01		0.09	0.02				
<b>HMD97T</b>				<b>0.41</b>	-1.18	0.97				
					-0.06	0.02				
<b>3N2CJA</b>	<b>0.32</b>	-0.36	0.87	<b>0.46</b>	-0.29	0.76	<b>0.08</b>	0.00	0.64	
		-0.02	0.01		-0.02	0.01		0.00	0.01	
	<b>0.25</b>	-1.50	0.91	<b>0.40</b>	-1.31	1.62	<b>0.07</b>	-0.21	0.28	
		-0.10	0.01		-0.07	0.03		-0.01	0.00	
<b>KN9DZT</b>	<b>0.32</b>	-0.47	1.00	<b>0.48</b>	0.06	1.20				
		-0.03	0.01		0.00	0.02				
<b>NHLV9L</b>	<b>0.35</b>	0.00	0.78	<b>0.47</b>	-0.06	0.32	<b>0.08</b>	0.16	0.22	
		0.00	0.01		0.00	0.01		0.01	0.00	
<b>Grand Median</b>		0.35			0.47			0.076		
<b>Median Abs Dev</b>		0.04			0.03			0.007		
<b>Avg Within Lab SD</b>		0.01			0.02			0.009		
<b>Labs Included</b>		7			8			5		
<b>Labs Reporting</b>		7			8			5		





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Ni (SubTestCode 241)	in the Heavy Metals Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>6WAFT7</b>	<b>0.45</b>	-1.68	0.78	<b>2.39</b>	-0.22	0.03	<b>2.09</b>	0.05	1.11	
		-0.26	0.04		-0.37	0.06		0.01	0.16	
<b>3D69EG</b>				<b>2.67</b>	-0.06	0.05	<b>1.87</b>	-1.51	2.09	
					-0.10	0.12		-0.21	0.31	
<b>HMD97T</b>				<b>2.88</b>	0.06	0.04	<b>2.16</b>	0.60	0.43	
					0.11	0.09		0.08	0.06	
<b>3N2CJA</b>	<b>0.71</b>	0.00	0.20	<b>5.47</b>	1.56	1.12	<b>2.04</b>	-0.31	0.69	
		0.00	0.01		2.70	2.56		-0.04	0.10	
	<b>0.62</b>	-0.57	0.40	<b>2.38</b>	-0.22	0.09	<b>1.99</b>	-0.66	0.40	
		-0.09	0.02		-0.38	0.22		-0.09	0.06	
<b>KN9DZT</b>	<b>0.76</b>	0.30	1.06	<b>7.27</b>	2.60	2.39	<b>2.08</b>	0.00	0.60	
		0.05	0.06		4.51	5.47		0.00	0.09	
<b>NHLV9L</b>	<b>0.84</b>	0.83	1.75	<b>2.77</b>	0.00	0.06	<b>2.31</b>	1.60	0.49	
		0.13	0.10		0.00	0.13		0.23	0.07	
<b>Grand Median</b>		0.71			2.77			2.08		
<b>Median Abs Dev</b>		0.09			0.37			0.08		
<b>Avg Within Lab SD</b>		0.06			2.29			0.15		
<b>Labs Included</b>		5			7			7		
<b>Labs Reporting</b>		5			7			7		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Pb (SubTestCode 242)	in the Heavy Metals Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>6WAFT7</b>	<b>0.32</b>	0.29	0.24	<b>0.33</b>	0.77	0.36	<b>0.14</b>	1.05	2.21	
		0.11	0.04		0.20	0.06		0.05	0.06	
<b>RLDZFM</b>	<b>1.67</b>	3.72	2.43	<b>0.97</b>	3.21	2.42	<b>0.20</b>	2.25		
		1.46	0.42		0.84	0.38		0.11	0.00	
<b>3N2CJA</b>	<b>0.20</b>	-0.01	0.08	<b>0.12</b>	-0.02	0.05	<b>0.09</b>	-0.05	0.09	
		0.00	0.01		-0.01	0.01		0.00	0.00	
	<b>0.20</b>	-0.01	0.11	<b>0.12</b>	-0.03	0.10	<b>0.09</b>	0.00	0.13	
<b>KN9DZT</b>	<b>0.21</b>	0.00	0.02	<b>0.12</b>	-0.01	0.02		0.00	0.00	
		0.01	0.03		-0.01	0.04				
<b>NHLV9L</b>	<b>0.20</b>	0.00	0.01	<b>0.13</b>	0.00	0.01				
		-0.02	0.07		0.01	0.13	<b>0.09</b>	-0.02	0.27	
		-0.01	0.01		0.00	0.02		0.00	0.01	
<b>Grand Median</b>		0.20			0.13			0.09		
<b>Median Abs Dev</b>		0.01			0.01			0.00		
<b>Avg Within Lab SD</b>		0.17			0.16			0.03		
<b>Labs Included</b>		6			6			5		
<b>Labs Reporting</b>		6			6			5		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Sr (SubTestCode 243)	in the Heavy Metals Property Groups									Data units: mg/kg
	SRBSRB1507			SRBSRB1508			SRBSRB1509			
<b>6WAF7</b>	<b>30.2</b>	0.6	0.0	<b>98.7</b>	0.3	0.5	<b>225.3</b>	0.0	0.3	
		1.1	0.0		1.7	1.3		-0.5	1.2	
<b>KD74FP</b>	<b>26.4</b>	-1.4	0.9	<b>89.1</b>	-1.3	0.6	<b>207.4</b>	-1.5	0.6	
		-2.7	0.8		-7.9	1.5		-18.4	2.6	
<b>3D69EG</b>	<b>28.8</b>	-0.2	0.1	<b>94.0</b>	-0.5	0.3	<b>223.9</b>	-0.2	0.2	
		-0.3	0.1		-3.0	0.7		-1.9	0.8	
<b>HMD97T</b>	<b>30.1</b>	0.5	0.5	<b>107.3</b>	1.6	0.6	<b>235.5</b>	0.8	1.2	
		1.0	0.4		10.3	1.6		9.7	5.3	
<b>3N2CJA</b>	<b>28.2</b>	-0.5	0.9	<b>91.1</b>	-0.9	0.3	<b>219.7</b>	-0.5	2.2	
		-0.9	0.7		-5.9	0.9		-6.1	9.3	
	<b>29.4</b>	0.2	1.4	<b>97.1</b>	0.0	2.6	<b>234.3</b>	0.7	0.7	
		0.3	1.2		0.2	6.9		8.5	3.1	
<b>KN9DZT</b>	<b>28.1</b>	-0.5	0.3	<b>96.8</b>	0.0	0.4	<b>226.3</b>	0.0	0.8	
		-1.0	0.2		-0.2	1.1		0.5	3.5	
<b>NHLV9L</b>	<b>32.1</b>	1.6	2.0	<b>101.7</b>	0.7	0.2	<b>245.3</b>	1.6	0.4	
		3.0	1.7		4.7	0.6		19.5	1.5	
<b>Grand Median</b>		29.1		97.0			225.8			
<b>Median Abs Dev</b>		1.0		3.8			7.3			
<b>Avg Within Lab SD</b>		0.8		2.7			4.3			
<b>Labs Included</b>		8		8			8			
<b>Labs Reporting</b>		8		8			8			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

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## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

PH (SubTestCode 301)	Data units:								
	SRWSRW1507			SRWSRW1508			SRWSRW1509		
<b>6WAFT7</b>	<b>7.84</b>	0.00	0.00	<b>7.60</b>	-0.18	0.00	<b>8.01</b>	-0.12	0.00
		0.00	0.00		-0.05	0.00		-0.02	0.00
<b>C47NEY</b>	<b>8.13</b>	1.28	0.06	<b>7.93</b>	0.99	0.14	<b>8.29</b>	1.34	0.23
		0.29	0.01		0.28	0.02		0.25	0.02
<b>4RZ3B8</b>	<b>7.76</b>	-0.35	0.59	<b>7.65</b>	0.00	0.64	<b>8.14</b>	0.56	0.77
		-0.08	0.05		0.00	0.08		0.11	0.05
<b>4XQDK7</b>	<b>8.08</b>	1.03	0.74	<b>7.94</b>	1.01	2.05	<b>8.22</b>	0.97	1.40
		0.24	0.07		0.29	0.25		0.18	0.09
<b>32WJM7</b>	<b>7.70</b>	-0.63	0.56	<b>7.48</b>	-0.60	0.25	<b>7.94</b>	-0.51	0.37
		-0.14	0.05		-0.17	0.03		-0.10	0.03
<b>CQF2X6</b>	<b>7.44</b>	-1.76	0.17	<b>6.95</b>	-2.49	0.12	<b>7.28</b>	-3.95	0.17
		-0.40	0.02		-0.70	0.02		-0.75	0.01
<b>4C4V8E</b>	<b>7.87</b>	0.15	0.84	<b>7.70</b>	0.17	0.12	<b>8.11</b>	0.42	0.17
		0.03	0.08		0.05	0.02		0.08	0.01
<b>89DUG9</b>	<b>8.36</b>	2.28	0.17	<b>8.45</b>	2.82	0.09	<b>8.49</b>	2.41	0.15
		0.52	0.02		0.80	0.01		0.46	0.01
<b>HMD97T</b>	<b>7.88</b>	0.19	0.23	<b>7.59</b>	-0.21	0.14	<b>8.06</b>	0.16	0.23
		0.04	0.02		-0.06	0.02		0.03	0.02
<b>8QG8D6</b>	<b>7.94</b>	0.42	0.23	<b>7.75</b>	0.34	0.05	<b>8.16</b>	0.69	0.23
		0.10	0.02		0.10	0.01		0.13	0.02
<b>TPMZPJ</b>	<b>7.78</b>	-0.25	0.28	<b>7.79</b>	0.50	0.43	<b>8.03</b>	0.00	0.48
		-0.06	0.03		0.14	0.05		0.00	0.03
<b>NT8YFL</b>	<b>7.91</b>	0.32	2.25	<b>7.81</b>	0.57	1.87	<b>8.01</b>	-0.11	1.15
		0.07	0.20		0.16	0.23		-0.02	0.08
<b>Q77MKK</b>	<b>7.69</b>	-0.65	2.41	<b>7.65</b>	-0.01	2.13	<b>8.01</b>	-0.11	2.93
		-0.15	0.22		0.00	0.26		-0.02	0.20
<b>ALBLDW</b>	<b>7.56</b>	-1.22	0.00	<b>7.26</b>	-1.37	0.05	<b>7.77</b>	-1.39	0.00
		-0.28	0.00		-0.39	0.01		-0.26	0.00
<b>Grand Median</b>	7.84			7.65			8.03		
<b>Median Abs Dev</b>	0.10			0.14			0.10		
<b>Avg Within Lab SD</b>	0.09			0.12			0.07		
<b>Labs Included</b>	13			13			13		
<b>Labs Reporting</b>	13			13			13		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

EC (SubTestCode 302)	Data units: dS/m								
	SRWSRW1507			SRWSRW1508			SRWSRW1509		
<b>6WAFT7</b>	<b>0.98</b>	0.44	0.05	<b>1.29</b>	-0.54	0.04	<b>0.59</b>	-0.38	0.08
		0.01	0.00		-0.03	0.00		-0.01	0.00
<b>C47NEY</b>	<b>0.98</b>	0.40	0.08	<b>1.34</b>	0.61	0.20	<b>0.61</b>	0.80	0.17
		0.01	0.00		0.03	0.01		0.01	0.00
<b>4RZ3B8</b>	<b>0.98</b>	0.30	0.23	<b>1.33</b>	0.34	0.34	<b>0.60</b>	0.40	0.00
		0.01	0.01		0.02	0.01		0.01	0.00
<b>4XQDK7</b>	<b>0.99</b>	0.70	0.00	<b>1.34</b>	0.61	0.20	<b>0.61</b>	1.11	0.00
		0.02	0.00		0.03	0.01		0.02	0.00
<b>32WJM7</b>	<b>0.91</b>	-1.85	0.23	<b>1.22</b>	-1.82	0.20	<b>0.59</b>	-0.54	0.93
		-0.06	0.01		-0.09	0.01		-0.01	0.01
<b>CQF2X6</b>	<b>0.91</b>	-1.65	0.46	<b>1.25</b>	-1.28	0.34	<b>0.56</b>	-2.19	0.47
		-0.05	0.01		-0.06	0.01		-0.03	0.01
<b>4C4V8E</b>	<b>0.98</b>	0.40	0.00	<b>1.33</b>	0.27	0.20	<b>0.60</b>	0.40	0.00
		0.01	0.00		0.01	0.01		0.01	0.00
<b>89DUG9</b>	<b>0.97</b>	0.21	0.10	<b>1.33</b>	0.34	0.00	<b>0.60</b>	0.35	0.05
		0.01	0.00		0.02	0.00		0.01	0.00
<b>HMD97T</b>	<b>0.96</b>	-0.09	0.09	<b>1.32</b>	0.16	0.04	<b>0.59</b>	-0.17	0.17
		0.00	0.00		0.01	0.00		0.00	0.00
<b>8QG8D6</b>	<b>0.82</b>	-4.57	0.14	<b>1.11</b>	-4.16	0.12	<b>0.51</b>	-6.16	0.17
		-0.15	0.00		-0.21	0.00		-0.09	0.00
<b>TPMZPJ</b>	<b>1.15</b>	5.60	0.53	<b>1.59</b>	5.67	0.63	<b>0.67</b>	5.45	1.80
		0.18	0.01		0.28	0.02		0.08	0.02
<b>NT8YFL</b>	<b>0.97</b>	0.09	0.00	<b>1.33</b>	0.34	0.00	<b>0.60</b>	0.17	0.47
		0.00	0.00		0.02	0.00		0.00	0.01
<b>Q77MKK</b>	<b>0.91</b>	-1.75	3.41	<b>1.23</b>	-1.62	3.40	<b>0.58</b>	-1.25	3.26
		-0.06	0.09		-0.08	0.10		-0.02	0.04
<b>ALBLDW</b>	<b>0.96</b>	-0.22	0.04	<b>1.31</b>	-0.16	0.14	<b>0.60</b>	0.33	0.00
		-0.01	0.00		-0.01	0.00		0.00	0.00
<b>Grand Median</b>		0.97		1.31			0.59		
<b>Median Abs Dev</b>		0.01		0.02			0.01		
<b>Avg Within Lab SD</b>		0.03		0.03			0.01		
<b>Labs Included</b>		12		12			12		
<b>Labs Reporting</b>		12		12			12		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Ca (SubTestCode 303)	in the Cations Property Groups									Data units: mmolc/L
	SRWSRW1507			SRWSRW1508			SRWSRW1509			
<b>6WAFT7</b>	<b>3.42</b>	0.15	1.14	<b>7.55</b>	0.38	0.33	<b>2.44</b>	0.00	0.45	
		0.15	0.05		0.83	0.06		0.00	0.02	
<b>C47NEY</b>	<b>3.04</b>	-0.24	0.79	<b>6.53</b>	-0.09	0.25	<b>2.65</b>	0.31	0.53	
		-0.23	0.04		-0.19	0.05		0.21	0.02	
<b>4RZ3B8</b>	<b>3.07</b>	-0.20	0.96	<b>6.70</b>	-0.01	1.80	<b>2.16</b>	-0.42	1.29	
		-0.20	0.05		-0.02	0.34		-0.28	0.06	
<b>4XQDK7</b>	<b>3.53</b>	0.27	1.39	<b>7.88</b>	0.53	0.32	<b>2.52</b>	0.12	0.58	
		0.26	0.07		1.17	0.06		0.08	0.03	
<b>32WJM7</b>	<b>3.17</b>	-0.10	1.20	<b>6.73</b>	0.01	0.31	<b>2.47</b>	0.04	2.67	
		-0.10	0.06		0.02	0.06		0.03	0.12	
<b>CQF2X6</b>	<b>3.50</b>	0.24	2.01	<b>7.70</b>	0.45	0.69	<b>2.53</b>	0.14	1.20	
		0.23	0.10		0.98	0.13		0.09	0.05	
<b>4C4V8E</b>	<b>3.26</b>	-0.01	0.00	<b>6.86</b>	0.07	0.03	<b>2.32</b>	-0.18	0.40	
		-0.01	0.00		0.15	0.01		-0.12	0.02	
<b>89DUG9</b>	<b>0.89</b>	-2.46	0.09	<b>2.00</b>	-2.16	0.05	<b>0.63</b>	-2.70	0.03	
		-2.38	0.00		-4.72	0.01		-1.80	0.00	
<b>HMD97T</b>	<b>3.28</b>	0.01	0.06	<b>6.52</b>	-0.09	2.30	<b>2.34</b>	-0.14	0.08	
		0.01	0.00		-0.20	0.43		-0.09	0.00	
<b>8QG8D6</b>	<b>1.35</b>	-1.98	0.51	<b>2.87</b>	-1.77	1.04	<b>1.11</b>	-1.99	0.69	
		-1.92	0.02		-3.85	0.20		-1.33	0.03	
<b>TPMZPJ</b>	<b>3.66</b>	0.41	1.54	<b>8.10</b>	0.63	0.46	<b>2.48</b>	0.06	1.44	
		0.40	0.07		1.38	0.09		0.04	0.06	
<b>NT8YFL</b>	<b>3.37</b>	0.11		<b>7.62</b>	0.41		<b>2.44</b>	0.00		
		0.10	0.00		0.90	0.00		0.00	0.00	
<b>Q77MKK</b>	<b>3.59</b>	0.33	1.04	<b>6.38</b>	-0.16	1.82	<b>2.54</b>	0.16	0.48	
		0.32	0.05		-0.34	0.34		0.11	0.02	
<b>WN9D4A</b>	<b>0.42</b>	-2.94		<b>0.85</b>	-2.69		<b>0.32</b>	-3.18		
		-2.85	0.00		-5.87	0.00		-2.12	0.00	
<b>Grand Median</b>		3.27		6.72			2.44			
<b>Median Abs Dev</b>		0.23		0.87			0.10			
<b>Avg Within Lab SD</b>		0.05		0.19			0.04			
<b>Labs Included</b>		14		14			14			
<b>Labs Reporting</b>		14		14			14			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Mg (SubTestCode 304)	in the Cations Property Groups									Data units: mmol/L
	SRWSRW1507			SRWSRW1508			SRWSRW1509			
<b>6WAFT7</b>	<b>2.47</b>	0.12	0.76	<b>2.64</b>	0.04	0.83	<b>2.24</b>	0.05	1.38	
		0.09	0.03		0.03	0.03		0.03	0.04	
<b>C47NEY</b>	<b>2.20</b>	-0.23	1.11	<b>2.34</b>	-0.33	0.44	<b>2.16</b>	-0.08	0.62	
		-0.18	0.04		-0.28	0.02		-0.05	0.02	
<b>4RZ3B8</b>	<b>2.32</b>	-0.07	0.15	<b>2.35</b>	-0.31	0.99	<b>1.99</b>	-0.33	1.56	
		-0.05	0.01		-0.26	0.04		-0.22	0.04	
<b>4XQDK7</b>	<b>2.69</b>	0.41	0.91	<b>2.88</b>	0.32	0.28	<b>2.48</b>	0.40	0.45	
		0.31	0.04		0.27	0.01		0.27	0.01	
<b>32WJM7</b>	<b>2.33</b>	-0.05	1.46	<b>2.67</b>	0.07	1.41	<b>2.20</b>	-0.02	0.00	
		-0.04	0.06		0.06	0.06		-0.01	0.00	
<b>CQF2X6</b>	<b>2.55</b>	0.23	1.92	<b>2.70</b>	0.11	1.48	<b>2.32</b>	0.16	1.41	
		0.18	0.08		0.09	0.06		0.11	0.04	
<b>4C4V8E</b>	<b>2.32</b>	-0.07	0.15	<b>2.46</b>	-0.18	0.14	<b>2.14</b>	-0.10	0.60	
		-0.05	0.01		-0.15	0.01		-0.07	0.02	
<b>89DUG9</b>	<b>0.65</b>	-2.23	0.07	<b>0.70</b>	-2.28	0.08	<b>0.59</b>	-2.39	0.10	
		-1.73	0.00		-1.91	0.00		-1.62	0.00	
<b>HMD97T</b>	<b>2.42</b>	0.05	0.12	<b>2.58</b>	-0.04	0.23	<b>2.22</b>	0.02	0.18	
		0.04	0.00		-0.03	0.01		0.01	0.00	
<b>8QG8D6</b>	<b>0.71</b>	-2.15	2.10	<b>0.76</b>	-2.21	2.50	<b>0.73</b>	-2.18	1.95	
		-1.66	0.08		-1.85	0.10		-1.48	0.05	
<b>TPMZPJ</b>	<b>2.71</b>	0.44	0.96	<b>2.94</b>	0.39	1.21	<b>2.37</b>	0.23	1.56	
		0.34	0.04		0.33	0.05		0.16	0.04	
<b>NT8YFL</b>	<b>2.53</b>	0.20		<b>2.69</b>	0.09		<b>2.33</b>	0.17		
		0.15	0.00		0.08	0.00		0.12	0.00	
<b>Q77MKK</b>	<b>2.80</b>	0.55	0.39	<b>2.92</b>	0.37	0.28	<b>2.55</b>	0.50	0.68	
		0.43	0.02		0.31	0.01		0.34	0.02	
<b>WN9D4A</b>	<b>0.33</b>	-2.64		<b>0.34</b>	-2.71		<b>0.31</b>	-2.81		
		-2.05	0.00		-2.27	0.00		-1.90	0.00	
<b>Grand Median</b>		2.38		2.61			2.21			
<b>Median Abs Dev</b>		0.18		0.27			0.14			
<b>Avg Within Lab SD</b>		0.04		0.04			0.03			
<b>Labs Included</b>		14		14			14			
<b>Labs Reporting</b>		14		14			14			





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Na (SubTestCode 305)	in the Cations Property Groups									Data units: mmol/L
	SRWSRW1507			SRWSRW1508			SRWSRW1509			
<b>6WAFT7</b>	<b>4.35</b>	0.40	0.44	<b>4.18</b>	0.39	0.33	<b>1.69</b>	0.32	0.31	
		0.14	0.05		0.12	0.03		0.05	0.01	
<b>C47NEY</b>	<b>3.76</b>	-1.30	0.58	<b>3.91</b>	-0.49	0.19	<b>1.65</b>	0.10	0.26	
		-0.45	0.06		-0.15	0.02		0.02	0.01	
<b>4RZ3B8</b>	<b>4.13</b>	-0.23	2.95	<b>3.63</b>	-1.39	2.44	<b>1.48</b>	-0.98	2.71	
		-0.08	0.31		-0.42	0.24		-0.16	0.13	
<b>4XQDK7</b>	<b>4.41</b>	0.58	0.44	<b>4.20</b>	0.48	0.12	<b>1.70</b>	0.41	0.25	
		0.20	0.05		0.15	0.01		0.07	0.01	
<b>32WJM7</b>	<b>4.37</b>	0.45	0.54	<b>4.03</b>	-0.08	0.59	<b>1.60</b>	-0.22	0.00	
		0.16	0.06		-0.02	0.06		-0.04	0.00	
<b>CQF2X6</b>	<b>4.50</b>	0.83	0.99	<b>4.23</b>	0.58	0.68	<b>1.67</b>	0.22	0.54	
		0.29	0.11		0.18	0.07		0.04	0.03	
<b>4C4V8E</b>	<b>4.16</b>	-0.15	0.20	<b>4.10</b>	0.13	0.12	<b>1.64</b>	0.00	0.25	
		-0.05	0.02		0.04	0.01		0.00	0.01	
<b>89DUG9</b>	<b>4.10</b>	-0.30	0.06	<b>4.06</b>	0.00	0.60	<b>1.48</b>	-0.95	0.05	
		-0.11	0.01		0.00	0.06		-0.16	0.00	
<b>HMD97T</b>	<b>4.39</b>	0.52	0.48	<b>4.24</b>	0.61	0.28	<b>1.72</b>	0.51	0.32	
		0.18	0.05		0.19	0.03		0.08	0.01	
<b>8QG8D6</b>	<b>4.67</b>	1.32	0.84	<b>4.64</b>	1.93	1.89	<b>1.94</b>	1.86	2.03	
		0.46	0.09		0.59	0.19		0.30	0.10	
<b>TPMZPJ</b>	<b>3.91</b>	-0.86	1.11	<b>3.89</b>	-0.56	0.62	<b>1.39</b>	-1.53	0.54	
		-0.30	0.12		-0.17	0.06		-0.25	0.03	
<b>NT8YFL</b>	<b>4.21</b>	0.00		<b>4.04</b>	-0.06		<b>1.62</b>	-0.10		
		0.00	0.00		-0.02	0.00		-0.02	0.00	
<b>Q77MKK</b>	<b>4.85</b>	1.83	0.27	<b>4.69</b>	2.07	1.29	<b>1.89</b>	1.55	0.74	
		0.64	0.03		0.63	0.13		0.25	0.03	
<b>WN9D4A</b>	<b>0.05</b>	-11.93		<b>0.05</b>	-13.18		<b>0.02</b>	-9.91		
		-4.16	0.00		-4.01	0.00		-1.62	0.00	
<b>Grand Median</b>		4.21		4.06			1.64			
<b>Median Abs Dev</b>		0.18		0.15			0.07			
<b>Avg Within Lab SD</b>		0.11		0.10			0.05			
<b>Labs Included</b>		13		13			13			
<b>Labs Reporting</b>		13		13			13			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

K (SubTestCode 306)	in the Cations Property Groups									Data units: mmolc/L
	SRWSRW1507			SRWSRW1508			SRWSRW1509			
<b>6WAF7</b>	<b>0.16</b>	0.04	0.09	<b>0.42</b>	0.49	0.36	<b>0.08</b>	0.09	0.07	
		0.00	0.00		0.02	0.00		0.00	0.00	
<b>C47NEY</b>	<b>0.14</b>	-0.70	0.06	<b>0.36</b>	-0.67	0.49	<b>0.08</b>	-0.12	0.17	
		-0.02	0.00		-0.03	0.01		0.00	0.00	
<b>4RZ3B8</b>	<b>0.17</b>	0.22	2.96	<b>0.35</b>	-0.93	2.86	<b>0.10</b>	0.59	3.36	
		0.01	0.06		-0.04	0.03		0.01	0.07	
<b>CQF2X6</b>	<b>0.19</b>	0.88	0.27	<b>0.45</b>	1.09	1.26	<b>0.10</b>	0.73	0.00	
		0.03	0.01		0.05	0.02		0.02	0.00	
<b>4C4V8E</b>	<b>0.17</b>	0.33	0.00	<b>0.40</b>	0.18	0.48	<b>0.09</b>	0.32	0.00	
		0.01	0.00		0.01	0.01		0.01	0.00	
<b>89DUG9</b>	<b>0.14</b>	-0.65	0.49	<b>0.36</b>	-0.66	0.33	<b>0.05</b>	-1.40	0.50	
		-0.02	0.01		-0.03	0.00		-0.03	0.01	
<b>HMD97T</b>	<b>0.16</b>	-0.04	0.02	<b>0.40</b>	0.17	0.04	<b>0.08</b>	0.10	0.04	
		0.00	0.00		0.01	0.00		0.00	0.00	
<b>8QG8D6</b>	<b>0.24</b>	2.54	0.33	<b>0.52</b>	2.64	1.08	<b>0.13</b>	2.04	0.67	
		0.08	0.01		0.13	0.01		0.05	0.01	
<b>TPMZPJ</b>	<b>0.12</b>	-1.20	0.27	<b>0.37</b>	-0.52	0.00	<b>0.03</b>	-2.13	0.00	
		-0.04	0.01		-0.02	0.00		-0.05	0.00	
<b>NT8YFL</b>	<b>0.15</b>	-0.36		<b>0.39</b>	-0.03		<b>0.07</b>	-0.33		
		-0.01	0.00		0.00	0.00		-0.01	0.00	
<b>Q77MKK</b>	<b>0.19</b>	0.99	1.62	<b>0.43</b>	0.67	0.48	<b>0.08</b>	-0.09	0.00	
		0.03	0.03		0.03	0.01		0.00	0.00	
<b>ALBLDW</b>	<b>0.16</b>	0.14	0.32	<b>0.40</b>	0.03	0.41	<b>0.09</b>	0.16	0.05	
		0.00	0.01		0.00	0.00		0.00	0.00	
<b>WN9D4A</b>	<b>0.02</b>	-4.70		<b>0.04</b>	-7.35		<b>0.01</b>	-2.95		
		-0.14	0.00		-0.35	0.00		-0.07	0.00	
<b>Grand Median</b>		0.16			0.39			0.082		
<b>Median Abs Dev</b>		0.02			0.03			0.008		
<b>Avg Within Lab SD</b>		0.02			0.01			0.022		
<b>Labs Included</b>		12			12			12		
<b>Labs Reporting</b>		12			12			12		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

NH4-N (SubTestCode 307)	in the Cations Property Groups						Data units: mmolc/L
	SRWSRW1507		SRWSRW1508		SRWSRW1509		
<b>C47NEY</b>	<b>0.001</b>	0.150	<b>0.001</b>	0.137	<b>0.001</b>	0.049	
		0.001		0.001		0.000	
<b>CQF2X6</b>	<b>0.013</b>	1.361	<b>0.013</b>	1.368	<b>0.013</b>	1.731	
		0.006		0.006		0.006	
<b>ALBLDW</b>	<b>0.075</b>	1.061	<b>0.083</b>	1.053	<b>0.070</b>	0.000	
		0.005		0.004		0.000	
<b>Grand Median</b>	0.013		0.013		0.013		
<b>Median Abs Dev</b>							
<b>Avg Within Lab SD</b>	0.004		0.004		0.003		
<b>Labs Included</b>	3		3		3		
<b>Labs Reporting</b>	3		3		3		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Sum Cations (SubTestCode 308)	in the Cations Property Groups									Data units: mmolc/L
	SRWSRW1507			SRWSRW1508			SRWSRW1509			
<b>6WAFT7</b>	<b>10.4</b>	0.0	0.5	<b>14.8</b>	0.0	0.3	<b>6.5</b>	0.0	0.7	
		0.0	0.1		0.0	0.0		0.0	0.1	
<b>C47NEY</b>	<b>9.1</b>	-2.0	0.9	<b>13.1</b>	-1.6	0.6	<b>6.5</b>	0.4	0.7	
		-1.3	0.1		-1.6	0.1		0.1	0.1	
<b>CQF2X6</b>	<b>10.8</b>	0.6	1.6	<b>15.1</b>	0.3	1.9	<b>6.6</b>	0.9	1.6	
		0.4	0.3		0.3	0.3		0.2	0.1	
<b>4C4V8E</b>	<b>9.9</b>	-0.8	0.2	<b>13.8</b>	-0.9	0.1	<b>6.2</b>	-1.2	0.2	
		-0.5	0.0		-1.0	0.0		-0.3	0.0	
<b>TPMZPJ</b>	<b>10.4</b>	0.0	1.1	<b>15.3</b>	0.5	0.9	<b>6.3</b>	-0.9	1.2	
		0.0	0.2		0.5	0.1		-0.2	0.1	
<b>Grand Median</b>	10.4			14.8			6.45			
<b>Median Abs Dev</b>	0.4			0.5			0.19			
<b>Avg Within Lab SD</b>	0.2			0.1			0.08			
<b>Labs Included</b>	5			5			5			
<b>Labs Reporting</b>	5			5			5			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

SAR (SubTestCode 309)	in the Cations Property Groups									Data units:
	SRWSRW1507			SRWSRW1508			SRWSRW1509			
<b>6WAFT7</b>	<b>2.53</b>	0.02	0.24	<b>1.85</b>	0.02	0.30	<b>1.10</b>	0.08	0.40	
		0.04	0.04		0.04	0.02		0.05	0.01	
<b>32WJM7</b>	<b>2.63</b>	0.08	0.36	<b>1.87</b>	0.02	0.87	<b>1.07</b>	0.01	1.98	
		0.14	0.06		0.05	0.06		0.01	0.06	
<b>89DUG9</b>	<b>2.34</b>	-0.09	0.05	<b>1.75</b>	-0.03	0.13	<b>0.95</b>	-0.20	0.11	
		-0.15	0.01		-0.06	0.01		-0.11	0.00	
<b>TPMZPJ</b>	<b>6.86</b>	2.47	2.41	<b>9.12</b>	3.20	2.27	<b>2.15</b>	1.93	1.38	
		4.37	0.39		7.31	0.15		1.10	0.04	
<b>NT8YFL</b>	<b>2.45</b>	-0.02		<b>1.78</b>	-0.02		<b>1.05</b>	-0.01		
		-0.04	0.00		-0.04	0.00		-0.01	0.00	
<b>WN9D4A</b>	<b>0.08</b>	-1.36		<b>0.06</b>	-0.77		<b>0.04</b>	-1.80		
		-2.41	0.00		-1.75	0.00		-1.02	0.00	
<b>Grand Median</b>		2.49			1.82			1.06		
<b>Median Abs Dev</b>		0.15			0.06			0.08		
<b>Avg Within Lab SD</b>		0.16			0.07			0.03		
<b>Labs Included</b>		6			6			6		
<b>Labs Reporting</b>		6			6			6		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Adj-SAR (SubTestCode 310)	in the Cations Property Groups						Data units:
	SRWSRW1507		SRWSRW1508		SRWSRW1509		
<b>32WJM7</b>	<b>2.87</b>	0.90	<b>2.50</b>	0.00	<b>1.20</b>	0.00	
		0.06		1.00		0.00	
<b>TPMZPJ</b>	<b>2.26</b>	1.09	<b>2.18</b>	0.04	<b>0.85</b>	1.41	
		0.07				0.02	
<b>Grand Median</b>	2.56		2.34		1.02		
<b>Median Abs Dev</b>							
<b>Avg Within Lab SD</b>	0.06		0.04		0.01		
<b>Labs Included</b>	2		2		2		
<b>Labs Reporting</b>	2		2		2		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

HCO3 (SubTestCode 311)	in the Anions Property Groups									Data units: mmolc/L
	SRWSRW1507			SRWSRW1508			SRWSRW1509			
<b>6WAFT7</b>	<b>3.00</b>	0.24		<b>5.70</b>	-0.48	0.00	<b>5.00</b>	-0.25		
		0.05	0.00		-0.21	0.00		-0.07	0.00	
<b>C47NEY</b>	<b>3.29</b>	1.54	0.21	<b>6.21</b>	0.71	0.26	<b>5.29</b>	0.83	0.20	
		0.35	0.02		0.31	0.03		0.22	0.02	
<b>4RZ3B8</b>	<b>2.95</b>	0.00	0.23	<b>5.63</b>	-0.65	0.43	<b>4.85</b>	-0.80	0.19	
		0.00	0.02		-0.28	0.05		-0.22	0.02	
<b>4XQDK7</b>	<b>3.19</b>	1.09	0.12	<b>6.12</b>	0.49	0.71	<b>5.25</b>	0.69	0.06	
		0.25	0.01		0.21	0.08		0.19	0.01	
<b>32WJM7</b>	<b>2.93</b>	-0.06	2.33	<b>6.13</b>	0.53	2.15	<b>5.07</b>	0.00	2.55	
		-0.01	0.23		0.23	0.23		0.00	0.23	
<b>CQF2X6</b>	<b>2.90</b>	-0.21	0.18	<b>5.59</b>	-0.74	0.97	<b>4.74</b>	-1.21	0.38	
		-0.05	0.02		-0.32	0.10		-0.33	0.03	
<b>4C4V8E</b>	<b>3.11</b>	0.74	0.96	<b>5.99</b>	0.20	0.38	<b>5.11</b>	0.17	0.77	
		0.17	0.09		0.09	0.04		0.05	0.07	
<b>TPMZPJ</b>	<b>2.46</b>	-2.16	1.21	<b>5.91</b>	0.00	1.59	<b>5.02</b>	-0.18	0.73	
		-0.49	0.12		0.00	0.17		-0.05	0.07	
<b>Q77MKK</b>	<b>2.94</b>	-0.04	0.21	<b>4.93</b>	-2.27	0.09	<b>5.59</b>	1.94	0.40	
		-0.01	0.02		-0.98	0.01		0.52	0.04	
<b>Grand Median</b>		2.95			5.91			5.07		
<b>Median Abs Dev</b>		0.05			0.23			0.19		
<b>Avg Within Lab SD</b>		0.10			0.11			0.09		
<b>Labs Included</b>		9			9			9		
<b>Labs Reporting</b>		9			9			9		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

CO3 (SubTestCode 312)	in the Anions Property Groups						Data units: mmolc/L
	SRWSRW1507		SRWSRW1508		SRWSRW1509		
<b>6WAF17</b>					<b>0.001</b>	0.000	
						0.000	
<b>C47NEY</b>					<b>0.117</b>	1.732	
						0.003	
<b>CQF2X6</b>	<b>0.020</b>	1.000	<b>0.020</b>	1.000	<b>0.020</b>	0.000	
		0.000		0.000		0.000	
<b>Grand Median</b>	0.020		0.020		0.020		
<b>Median Abs Dev</b>							
<b>Avg Within Lab SD</b>	0.000		0.000		0.002		
<b>Labs Included</b>	1		1		3		
<b>Labs Reporting</b>	1		1		3		





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

CI (SubTestCode 313)	in the Anions Property Groups									Data units: mmolc/L
	SRWSRW1507			SRWSRW1508			SRWSRW1509			
<b>6WAFT7</b>	<b>0.94</b>	0.02	0.00	<b>1.40</b>	0.01	0.00	<b>0.77</b>	0.03	0.00	
		0.08	0.00		0.04	0.00		0.08	0.00	
<b>C47NEY</b>	<b>0.84</b>	0.00	0.81	<b>1.35</b>	0.00	0.73	<b>0.69</b>	0.00	0.15	
		-0.02	0.02		-0.01	0.01		0.00	0.00	
<b>4RZ3B8</b>	<b>0.77</b>	-0.02	0.78	<b>1.27</b>	-0.01	0.59	<b>0.63</b>	-0.02	0.52	
		-0.09	0.02		-0.09	0.01		-0.06	0.01	
<b>4XQDK7</b>	<b>0.83</b>	-0.01	0.78	<b>1.35</b>	0.00	0.83	<b>0.68</b>	0.00	0.79	
		-0.03	0.02		-0.01	0.01		-0.01	0.02	
<b>32WJM7</b>	<b>0.90</b>	0.01	1.80	<b>1.38</b>	0.00	1.35	<b>0.76</b>	0.02	0.52	
		0.04	0.04		0.02	0.02		0.07	0.01	
<b>CQF2X6</b>	<b>1.73</b>	0.24	2.58	<b>2.46</b>	0.19	2.95	<b>1.56</b>	0.30	2.61	
		0.87	0.05		1.11	0.05		0.87	0.05	
<b>4C4V8E</b>	<b>0.89</b>	0.01	0.00	<b>1.39</b>	0.01	0.59	<b>0.72</b>	0.01	0.00	
		0.03	0.00		0.03	0.01		0.03	0.00	
<b>89DUG9</b>	<b>0.86</b>	0.00	0.53	<b>1.40</b>	0.01	0.26	<b>0.67</b>	-0.01	0.05	
		0.00	0.01		0.04	0.00		-0.02	0.00	
<b>HMD97T</b>	<b>0.84</b>	0.00	0.03	<b>1.32</b>	-0.01	0.21	<b>0.75</b>	0.02	2.17	
		-0.02	0.00		-0.04	0.00		0.06	0.04	
<b>TPMZPJ</b>	<b>0.86</b>	0.00	0.89	<b>1.36</b>	0.00	0.34	<b>0.69</b>	0.00	0.52	
		0.00	0.02		0.00	0.01		0.00	0.01	
<b>NT8YFL</b>	<b>0.76</b>	-0.03	0.22	<b>1.20</b>	-0.03	0.47	<b>0.64</b>	-0.02	0.15	
		-0.10	0.00		-0.15	0.01		-0.05	0.00	
<b>Q77MKK</b>	<b>0.39</b>	-0.13	0.30	<b>0.38</b>	-0.17	0.34	<b>0.52</b>	-0.06	0.00	
		-0.47	0.01		-0.98	0.01		-0.17	0.00	
<b>WN9D4A</b>	<b>30.38</b>	8.28		<b>49.51</b>	8.33		<b>25.16</b>	8.29		
		29.52	0.00		48.15	0.00		24.47	0.00	
<b>Grand Median</b>		0.86			1.36			0.69		
<b>Median Abs Dev</b>		0.04			0.04			0.06		
<b>Avg Within Lab SD</b>		0.02			0.02			0.02		
<b>Labs Included</b>		13			13			13		
<b>Labs Reporting</b>		13			13			13		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

<b>NO3 (SubTestCode 314)</b>										<b>Data units: mmol/L</b>
SRWSRW1507			SRWSRW1508			SRWSRW1509				
<b>6WAFT7</b>	<b>0.05</b>	0.22	0.13	<b>1.41</b>	0.42	0.37	<b>0.02</b>	0.00	0.02	
		0.00	0.00		0.04	0.01		0.00	0.00	
<b>C47NEY</b>	<b>0.05</b>	-0.37	0.92	<b>1.35</b>	-0.22	0.41	<b>0.00</b>	-0.10	0.00	
		0.00	0.00		-0.02	0.01		-0.02	0.00	
<b>4RZ3B8</b>	<b>0.05</b>	0.00	0.00	<b>1.35</b>	-0.18	0.62	<b>0.02</b>	0.00	0.00	
		0.00	0.00		-0.02	0.02		0.00	0.00	
<b>4XQDK7</b>	<b>0.63</b>	69.15	8.42	<b>20.09</b>	207.39	69.48	<b>0.21</b>	0.97	0.19	
		0.58	0.03		18.72	1.72		0.19	0.01	
<b>32WJM7</b>	<b>0.05</b>	0.00	0.00	<b>1.08</b>	-3.18	1.24	<b>0.01</b>	-0.04	0.11	
		0.00	0.00		-0.29	0.03		-0.01	0.01	
<b>CQF2X6</b>	<b>0.07</b>	2.38	0.00	<b>1.39</b>	0.22	0.81	<b>0.07</b>	0.25	0.00	
		0.02	0.00		0.02	0.02		0.05	0.00	
<b>4C4V8E</b>	<b>0.05</b>	-0.28	0.49	<b>1.28</b>	-1.05	0.22	<b>0.01</b>	-0.03	0.02	
		0.00	0.00		-0.09	0.01		-0.01	0.00	
<b>89DUG9</b>	<b>0.06</b>	1.67	0.00	<b>1.49</b>	1.28	0.00	<b>0.04</b>	0.08	0.00	
		0.01	0.00		0.12	0.00		0.02	0.00	
<b>HMD97T</b>	<b>0.05</b>	-0.24	0.12	<b>1.38</b>	0.07	0.40	<b>0.02</b>	0.00	0.02	
		0.00	0.00		0.01	0.01		0.00	0.00	
<b>8QG8D6</b>	<b>0.04</b>	-0.95	0.84	<b>1.42</b>	0.50	0.91	<b>0.01</b>	-0.05	0.11	
		-0.01	0.00		0.05	0.02		-0.01	0.01	
<b>TPMZPJ</b>	<b>0.05</b>	0.00	3.18	<b>1.37</b>	0.00	2.14	<b>0.10</b>	0.39	1.73	
		0.00	0.01		0.00	0.05		0.08	0.09	
<b>NT8YFL</b>	<b>0.05</b>	0.46	0.10	<b>1.37</b>	0.00	1.86	<b>0.13</b>	0.55	3.12	
		0.00	0.00		0.00	0.05		0.11	0.17	
<b>Q77MKK</b>							<b>1.44</b>	7.27	0.49	
								1.42	0.03	
<b>ALBLDW</b>	<b>0.06</b>	1.51	0.18	<b>1.28</b>	-0.96	0.23	<b>0.02</b>	0.01	0.00	
		0.01	0.00		-0.09	0.01		0.00	0.00	
<b>WN9D4A</b>	<b>0.58</b>	63.55		<b>20.57</b>	212.65		<b>0.25</b>	1.17		
		0.53	0.00		19.20	0.00		0.23	0.00	
<b>Grand Median</b>		0.050			1.37			0.020		
<b>Median Abs Dev</b>		0.003			0.03			0.009		
<b>Avg Within Lab SD</b>		0.003			0.02			0.054		
<b>Labs Included</b>		12			12			13		
<b>Labs Reporting</b>		12			12			13		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

SO4 (SubTestCode 315) <span style="float: right;">Data units: mmolc/L</span>									
	SRWSRW1507			SRWSRW1508			SRWSRW1509		
<b>6WAF17</b>	<b>6.42</b>	0.00	0.44	<b>6.11</b>	0.00	0.03	<b>0.72</b>	-0.02	0.33
		0.00	0.07		0.00	0.01		-0.01	0.01
<b>C47NEY</b>	<b>6.16</b>	-0.15	0.23	<b>5.82</b>	-0.17	0.14	<b>0.67</b>	-0.21	0.31
		-0.26	0.04		-0.29	0.04		-0.05	0.01
<b>4RZ3B8</b>	<b>6.34</b>	-0.05	0.27	<b>5.68</b>	-0.26	0.30	<b>0.79</b>	0.28	0.73
		-0.08	0.05		-0.44	0.09		0.07	0.02
<b>4XQDK7</b>	<b>6.59</b>	0.10	0.53	<b>6.38</b>	0.16	0.55	<b>0.73</b>	0.06	2.74
		0.17	0.09		0.27	0.16		0.01	0.06
<b>32WJM7</b>	<b>6.02</b>	-0.23	0.24	<b>5.80</b>	-0.18	0.15	<b>0.69</b>	-0.14	0.99
		-0.40	0.04		-0.31	0.05		-0.03	0.02
<b>CQF2X6</b>	<b>6.90</b>	0.28	0.80	<b>6.47</b>	0.21	0.48	<b>0.78</b>	0.24	0.27
		0.48	0.13		0.35	0.14		0.06	0.01
<b>4C4V8E</b>	<b>6.24</b>	-0.11	0.07	<b>5.96</b>	-0.09	0.07	<b>0.72</b>	0.00	0.00
		-0.18	0.01		-0.15	0.02		0.00	0.00
<b>89DUG9</b>	<b>1.60</b>	-2.82	0.04	<b>1.56</b>	-2.69	0.03	<b>0.19</b>	-2.22	0.05
		-4.83	0.01		-4.55	0.01		-0.53	0.00
<b>8QG8D6</b>	<b>11.58</b>	3.01	3.07	<b>11.26</b>	3.05	3.16	<b>1.42</b>	2.91	0.96
		5.16	0.52		5.15	0.92		0.70	0.02
<b>TPMZPJ</b>	<b>6.97</b>	0.32	0.51	<b>6.65</b>	0.32	0.38	<b>0.46</b>	-1.08	0.82
		0.55	0.09		0.53	0.11		-0.26	0.02
<b>Q77MKK</b>	<b>7.03</b>	0.36	0.12	<b>6.61</b>	0.29	0.47	<b>0.78</b>	0.26	0.27
		0.61	0.02		0.50	0.14		0.06	0.01
<b>WN9D4A</b>	<b>124.70</b>	69.03		<b>116.70</b>	65.43		<b>12.83</b>	50.48	
		118.28	0.00		110.59	0.00		12.11	0.00
<b>Grand Median</b>		6.42			6.11			0.72	
<b>Median Abs Dev</b>		0.40			0.35			0.06	
<b>Avg Within Lab SD</b>		0.17			0.29			0.02	
<b>Labs Included</b>		11			11			11	
<b>Labs Reporting</b>		11			11			11	



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Sum Anions (SubTestCode 316)	in the Anions Property Groups									Data units: mmolc/L
	SRWSRW1507			SRWSRW1508			SRWSRW1509			
<b>6WAFT7</b>	<b>10.4</b>	0.1	0.6	<b>14.6</b>	-0.1	0.1	<b>6.5</b>	-0.1	0.1	
		0.0	0.1		-0.1	0.0		0.0	0.0	
<b>C47NEY</b>	<b>10.3</b>	-0.1	0.3	<b>14.7</b>	0.1	0.4	<b>6.8</b>	0.7	0.2	
		0.0	0.0		0.1	0.1		0.2	0.0	
<b>32WJM7</b>	<b>9.9</b>	-1.0	1.5	<b>14.4</b>	-0.5	1.3	<b>6.5</b>	-0.1	2.2	
		-0.5	0.2		-0.3	0.2		0.0	0.2	
<b>CQF2X6</b>	<b>11.6</b>	2.7	1.2	<b>15.9</b>	2.2	1.9	<b>7.2</b>	2.1	0.4	
		1.2	0.2		1.3	0.3		0.6	0.0	
<b>4C4V8E</b>	<b>10.3</b>	-0.2	0.8	<b>14.6</b>	-0.1	0.1	<b>6.6</b>	0.1	0.7	
		-0.1	0.1		-0.1	0.0		0.0	0.1	
<b>TPMZPJ</b>	<b>10.4</b>	0.1	1.2	<b>15.3</b>	1.1	0.8	<b>6.3</b>	-0.9	0.8	
		0.0	0.2		0.6	0.1		-0.3	0.1	
<b>Grand Median</b>	10.4			14.7			6.55			
<b>Median Abs Dev</b>	0.1			0.2			0.13			
<b>Avg Within Lab SD</b>	0.1			0.2			0.11			
<b>Labs Included</b>	6			6			6			
<b>Labs Reporting</b>	6			6			6			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Cation-Anion Difference (SubTestCode 317)	in the Difference Calculation Property Groups									Data units:
	SRWSRW1507			SRWSRW1508			SRWSRW1509			
<b>6WAFT7</b>	<b>-0.014</b>	0.588	0.265	<b>0.169</b>	1.250	0.458	<b>-0.051</b>	0.674	0.673	
		0.362	0.022		0.966	0.054		0.174	0.048	
<b>C47NEY</b>	<b>-1.209</b>	-1.351	1.408	<b>-1.590</b>	-1.026	0.111	<b>-0.225</b>	0.000	0.545	
		-0.833	0.118		-0.793	0.013		0.000	0.039	
<b>CQF2X6</b>	<b>-0.867</b>	-0.795	1.473	<b>-0.827</b>	-0.039	2.171	<b>-0.523</b>	-1.156	1.673	
		-0.490	0.123		-0.030	0.257		-0.298	0.120	
<b>4C4V8E</b>	<b>-0.377</b>	0.000	0.880	<b>-0.797</b>	0.000	0.244	<b>-0.383</b>	-0.613	1.201	
		0.000	0.074		0.000	0.029		-0.158	0.086	
<b>TPMZPJ</b>	<b>0.017</b>	0.638	0.069	<b>0.020</b>	1.057	0.084	<b>0.015</b>	0.929	0.098	
		0.393	0.006		0.817	0.010		0.240	0.007	
<b>Grand Median</b>		-0.377			-0.797			-0.225		
<b>Median Abs Dev</b>		0.393			0.793			0.174		
<b>Avg Within Lab SD</b>		0.084			0.118			0.072		
<b>Labs Included</b>		5			5			5		
<b>Labs Reporting</b>		5			5			5		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Boron (SubTestCode 318)	in the Other Property Groups									Data units: mg/L
	SRWSRW1507			SRWSRW1508			SRWSRW1509			
<b>6WAFT7</b>	<b>0.152</b>	0.025	0.107	<b>0.080</b>	0.000	0.325	<b>0.284</b>	-0.115	0.591	
		0.001	0.004		0.000	0.003		-0.007	0.003	
<b>C47NEY</b>	<b>0.167</b>	0.496	0.083	<b>0.085</b>	0.144	0.162	<b>0.329</b>	0.625	0.267	
		0.016	0.003		0.005	0.001		0.038	0.001	
<b>4XQDK7</b>	<b>0.150</b>	-0.025	0.283	<b>0.067</b>	-0.399	0.709	<b>0.303</b>	0.197	1.117	
		-0.001	0.010		-0.013	0.006		0.012	0.006	
<b>32WJM7</b>	<b>0.103</b>	-1.448	0.164	<b>0.050</b>	-0.899	2.127	<b>0.257</b>	-0.569	1.117	
		-0.048	0.006		-0.030	0.017		-0.035	0.006	
<b>CQF2X6</b>	<b>0.100</b>	-1.550	0.000	<b>0.050</b>	-0.899	0.000	<b>0.213</b>	-1.280	1.117	
		-0.051	0.000		-0.030	0.000		-0.078	0.006	
<b>4C4V8E</b>	<b>0.147</b>	-0.127	0.164	<b>0.080</b>	0.000	0.000	<b>0.270</b>	-0.350	0.000	
		-0.004	0.006		0.000	0.000		-0.021	0.000	
<b>HMD97T</b>	<b>0.154</b>	0.107	0.014	<b>0.080</b>	0.005	0.044	<b>0.298</b>	0.115	0.207	
		0.003	0.000		0.000	0.000		0.007	0.001	
<b>8QG8D6</b>	<b>0.190</b>	1.198	3.132	<b>0.188</b>	3.236	1.950	<b>0.412</b>	1.975	1.720	
		0.039	0.111		0.108	0.016		0.120	0.009	
<b>TPMZPJ</b>	<b>0.181</b>	0.930	0.107	<b>0.064</b>	-0.489	0.188	<b>0.369</b>	1.279	1.259	
		0.031	0.004		-0.016	0.002		0.078	0.007	
<b>Q77MKK</b>	<b>0.123</b>	-0.838	0.164				<b>0.277</b>	-0.241	1.117	
		-0.028	0.006					-0.015	0.006	
<b>Grand Median</b>		0.15		0.080			0.29			
<b>Median Abs Dev</b>		0.02		0.013			0.03			
<b>Avg Within Lab SD</b>		0.04		0.008			0.01			
<b>Labs Included</b>		10		9			10			
<b>Labs Reporting</b>		10		9			10			



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

PO4-P Phosphorus - Spec (SubTestCode 319) SRWSRW1507	in the Other Property Groups						Data units: mg/L
	SRWSRW1508		SRWSRW1509		SRWSRW1509		
<b>C47NEY</b>	<b>0.01</b>	1.60 0.00	<b>0.09</b>	0.66 0.01	<b>0.02</b>	-0.36 -0.02 -0.58	0.26 0.00 0.18
<b>HMD97T</b>					<b>0.01</b>	-0.03	0.00
<b>8QG8D6</b>	<b>0.11</b>	0.00 0.00	<b>0.23</b>	1.27 0.01	<b>0.10</b>	1.39 0.07	1.95 0.01
<b>ALBLDW</b>	<b>0.02</b>	0.66 0.00	<b>0.12</b>	0.98 0.01	<b>0.05</b>	0.36 0.02	0.28 0.00
<b>Grand Median</b>	0.021		0.12		0.036		
<b>Median Abs Dev</b>					0.022		
<b>Avg Within Lab SD</b>	0.001		0.01		0.005		
<b>Labs Included</b>	3		3		4		
<b>Labs Reporting</b>	3		3		4		



## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

Phosphorus - ICP (Total) (SubTestCode 320)	in the Other Property Groups						Data units: mg/L		
	SRWSRW1507			SRWSRW1508			SRWSRW1509		
<b>6WAFT7</b>	<b>0.003</b>	-0.126	0.039	<b>0.080</b>	0.000	0.035	<b>0.013</b>	-0.005	0.027
		-0.007	0.001		0.000	0.003		0.000	0.001
<b>4C4V8E</b>	<b>0.017</b>	0.126	0.224	<b>0.100</b>	0.336	0.000	<b>0.013</b>	0.005	0.135
		0.007	0.006		0.020	0.000		0.000	0.006
<b>HMD97T</b>				<b>0.022</b>	-1.006	0.030			
					-0.059	0.002			
<b>TPMZPJ</b>	<b>0.133</b>	2.282	1.987	<b>0.197</b>	1.990	2.236	<b>0.193</b>	2.521	1.995
		0.124	0.051		0.116	0.159		0.180	0.085
<b>WN9D4A</b>	<b>0.001</b>	-0.163		<b>0.078</b>	-0.040		<b>0.001</b>	-0.168	
		-0.009	0.000		-0.002	0.000		-0.012	0.000
<b>Grand Median</b>		0.010		0.080			0.013		
<b>Median Abs Dev</b>		0.008		0.020			0.006		
<b>Avg Within Lab SD</b>		0.026		0.071			0.043		
<b>Labs Included</b>		4		5			4		
<b>Labs Reporting</b>		4		5			4		





## ALP Program - Participant Web Summary Report - Cycle 28

Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
Difference W/L STD			Difference W/L STD			Difference W/L STD		

TKN (SubTestCode 321)	in the Other Property Groups						Data units: mg/L
	SRWSRW1507		SRWSRW1508		SRWSRW1509		
<b>ALBLDW</b>	<b>1.30</b>	1.00 0.00	<b>1.52</b>	1.00 0.00	<b>1.09</b>	1.00 0.00	
<b>Grand Median</b>	1.30		1.52		1.09		
<b>Median Abs Dev</b>							
<b>Avg Within Lab SD</b>	0.00		0.00		0.00		
<b>Labs Included</b>	1		1		1		
<b>Labs Reporting</b>	1		1		1		