

# ALP Program

## Participant Web Summary Report



*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 - Summer 2021 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Summer 2021 (Cycle 45) was completed in August 2021, with participation by 106 labs from the United States, Canada, Guatemala, Honduras, Colombia, South Africa, Italy, Ukraine, Serbia and the Philippines. Proficiency samples consisted of five soils, four 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 for the soils program were: SRS2106 a Shano silt loam collected from Benton Cty, WA; SRS2107 a Miami silt loam collected from Champaign Cty, OH; SRS2108 an Embden fine sandy loam collected from Dickey Cty, ND; SRS2109 an Enon fine sandy loam collected from Rowan Cty, NC; and SRS2110 a loam collected near Summerland, BC, CANADA. Standard Reference Botanical (SRB) materials were: SRB2105 cilantro leaf composite from CA; SRB2106 alfalfa composite from KS; SRB2107 potato petiole composite from CA; and SRB2108 corn leaf (GS-V5) composite from IA. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW2104 a river source in SD, SRW2105 a well source in IA, and SRW2106 a domestic source in CO.

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 5 reported results.

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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.

continued on the following page



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.

$$\text{WithinLab Performance} = \frac{\text{laboratory standard deviation}}{\text{Within Lab Average Standard Deviation}}$$

$$\text{Laboratory-Sample Bias} = \frac{(\text{laboratory mean} - \text{Grand Median})}{\text{M.A.D.}}$$

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.

$$\text{k Score} = \frac{\text{laboratory standard deviation}}{\text{Within Lab Average Standard Deviation}}$$

$$\text{Z Score} = \frac{(\text{laboratory mean} - \text{Grand Median})}{1.48(\text{M.A.D.})}$$



Key to Data Tables

**Laboratory Results**

Sample Mean	arithmetic mean of the three determinations for the sample-property
Z Score	difference divided by the product of the M.A.D. and 1.48 (rounded)
k Score	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.



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups														Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
2397W4	45.3	1.73	0.27	46.3	0.70	0.19	30.7	0.91	0.49	52.0	0.90	0.67	39.7	0.39	0.92	
2KQ632	39.7	0.33	0.27	43.0	0.12		27.7	-0.03	0.49	50.7	0.66	0.39	36.7	-0.18	0.35	
39BWEY	39.7	0.33	1.33	47.0	0.81	0.57	29.0	0.39	0.84	47.7	0.10	0.39	40.0	0.45	1.04	
6MJMA4	38.5	0.03	1.17	40.2	-0.37	0.38	27.9	0.03	1.10	41.0	-1.13	0.66	36.7	-0.18	1.48	
83RZZZ	36.2	-0.52	0.62	40.3	-0.34	0.43	27.3	-0.16	1.01	44.2	-0.53	1.35	34.7	-0.54	0.66	
9N78QJ	38.3	0.00	0.27	40.3	-0.34	0.19	26.7	-0.35	0.49	44.7	-0.45	0.39	35.7	-0.37	0.35	
AN6UJG	36.6	-0.43	0.98	39.3	-0.51	0.21	23.6	-1.32	0.94	49.3	0.40	0.88	33.2	-0.83	0.22	
AQR98R	41.4	0.76	0.21	51.3	1.56	0.09	32.2	1.40	0.78	55.3	1.50	1.24	44.8	1.37	0.19	
CL8ZYH	36.3	-0.51	0.46	41.2	-0.18	0.10	25.1	-0.83	0.63	49.5	0.44	0.51	34.2	-0.63	0.40	
FQ9BLT	32.8	-1.37	1.02	31.7	-1.84	1.11	16.9	-3.41X	3.96	36.5	-1.94	1.42	30.2	-1.40	3.24	
FZCVGU	44.1	1.43	0.09	47.7	0.93	0.31	29.1	0.41	0.12	51.8	0.86	0.62	39.5	0.36	0.26	
GCPCQC	43.5	1.28	3.21	50.1	1.34	3.87	31.0	1.03	2.85	49.7	0.47	1.26	38.6	0.19	0.69	
Q3N624	53.7	3.80X	1.43	48.7	1.11	0.64	37.1	2.92X	1.80	62.6	2.84X	1.35	44.7	1.34	1.33	
RHVNCZ	36.0	-0.58	0.59	41.6	-0.12	0.19	26.6	-0.38	0.44	46.7	-0.07	2.65	34.2	-0.63	0.54	
RJMJY9	40.8	0.61	1.09	49.6	1.26	0.42	32.8	1.58	1.62	48.5	0.26	0.99	44.8	1.36	0.81	
TBE3AN	34.2	-1.02	0.16	39.5	-0.49	0.46	24.4	-1.06	0.63	41.1	-1.10	0.37	31.3	-1.19	0.23	
W2V8D6	39.4	0.26		46.0	0.64		30.5	0.86		47.1	0.00		42.2	0.87		
WY3BQV	35.0	-0.83	0.33	41.0	-0.22	0.14	27.3	-0.15	0.15	42.4	-0.86	0.16	38.5	0.18	0.33	
YNW8EX	37.1	-0.31	0.16	40.0	-0.39	0.29	25.5	-0.70	0.19	44.5	-0.48	0.12	34.3	-0.62	0.15	
ZM3JW2	36.4	-0.48	0.00	43.6	0.22	0.02	29.6	0.58	0.17	43.4	-0.69	0.34	39.8	0.42	0.13	



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110	
<b>Grand Median</b>	38.3	42.3	27.8	47.1	37.6	
<b>Median Abs Dev</b>	2.1	2.9	2.0	2.9	3.1	
<b>Avg Within Lab SD</b>	2.2	3.1	1.2	1.5	1.7	
<b>Labs Included</b>	19	20	18	19	20	
<b>Labs Reporting</b>	20	20	20	20	20	



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

pH - sp (SubTestCode 102) in the Salinity Property Groups															Data units: Unit	
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
2397W4	6.71	-0.80	2.34	6.67	-1.89	0.98	6.50	-1.09	0.66	5.58	1.67	3.50	4.89	-1.81	0.25	
2KQ632	6.97	1.55	0.34	6.97	0.33	0.37	6.56	-0.50	0.52	5.48	0.71	0.09	5.07	0.00	0.29	
2UZUK7	6.73	-0.65	0.39	6.91	-0.11	0.14	6.58	-0.30	0.12	5.43	0.22	0.34	5.08	0.10	0.51	
39BWEY	6.54	-2.41	0.23	6.73	-1.48	0.61	6.47	-1.42	0.54	5.34	-0.71	0.65	4.94	-1.26	0.62	
477JED	6.85	0.46	0.23	7.05	0.89	0.49	6.61	0.00	0.12	5.41	-0.02	0.30	5.13	0.61	0.38	
6MJMA4	6.74	-0.53	2.13	6.79	-0.99	1.77	6.65	0.33	0.63	5.52	1.11	0.73	5.07	0.00	1.03	
83RZZZ	6.90	0.93	1.35	6.84	-0.67	1.34	6.66	0.46	1.23	5.50	0.84	0.82	5.13	0.65	0.99	
9N78QJ	6.87	0.62	0.13	6.82	-0.82	1.63	6.71	0.92	0.78	5.41	-0.05	0.17	4.88	-1.91	3.04	
AN6UJG	6.82	0.15	0.47	6.99	0.47	1.20	6.67	0.59	0.24	5.50	0.91	0.31	5.09	0.27	0.29	
AQR98R	6.86	0.56	0.45	6.90	-0.23	0.14	6.50	-1.16	0.31	5.38	-0.35	0.17	5.04	-0.27	0.43	
CL8ZYH	6.76	-0.37	1.58	6.88	-0.36	0.88	6.55	-0.66	0.83	5.31	-0.98	0.34	5.02	-0.51	1.17	
FQ9BLT	7.59	7.30X	1.36	7.09	1.16	2.35	6.83	2.18	3.85	5.42	0.08	0.89	4.98	-0.92	1.45	
FZCVGU	6.76	-0.34	0.34	6.99	0.42	0.28	6.55	-0.59	0.63	5.41	-0.05	0.09	5.19	1.29	0.51	
G6L7AN	6.80	0.00		6.50	-3.14X		6.00	-6.08X		4.60	-8.05X					
GCPCQC	6.86	0.59	1.53	7.08	1.11	1.49	6.69	0.76	0.54	5.54	1.31	0.67	5.20	1.33	1.03	
KXWRYE	7.43	5.85X		6.74	-1.38		7.13	5.12X		6.61	11.89X		6.10	10.56X		
NMH4CH	6.73	-0.62	0.52	6.98	0.35	0.14	6.53	-0.83	0.00	5.28	-1.31	0.26	5.04	-0.24	0.38	
Q3N624	6.80	0.00	0.00	7.00	0.52		6.60	-0.13	0.00	5.37	-0.45	0.86	5.00	-0.68		
RHVNCZ	6.83	0.28	0.90	6.78	-1.11	1.10	6.66	0.43	0.31	5.41	-0.05	0.23	5.03	-0.41	1.11	
RJMJY9	6.84	0.37	0.39	6.96	0.23	0.42	6.64	0.23	0.31	5.49	0.78	0.53	5.12	0.51	0.38	
UVFMF8	6.71	-0.85	0.35	6.94	0.11	0.14	6.62	0.02	0.24	5.41	0.00	0.02	5.07	0.08	0.08	
W2V8D6	6.74	-0.56		6.97	0.30		6.59	-0.23		5.49	0.78		5.14	0.75		
WY3BQV	6.87	0.62	1.30	6.90	-0.21	0.00	6.67	0.53	1.18	5.23	-1.77	2.26	5.07	0.00	1.43	
YNW8EX	6.62	-1.67	0.60	6.83	-0.72	0.42	6.44	-1.72	0.54	5.32	-0.91	0.30	4.98	-0.89	0.25	
ZM3JW2	6.86	0.59	0.13	6.97	0.30	0.24	6.66	0.43	0.43	5.46	0.48	0.15	5.17	1.02	0.38	





## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

pH - sp (SubTestCode 102) in the Salinity Property Groups						Data units: Unit
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110	
<b>Grand Median</b>	6.80	6.93	6.61	5.41	5.07	
<b>Median Abs Dev</b>	0.06	0.07	0.05	0.07	0.06	
<b>Avg Within Lab SD</b>	0.04	0.04	0.05	0.07	0.04	
<b>Labs Included</b>	23	24	23	23	23	
<b>Labs Reporting</b>	25	25	25	25	24	



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110				
	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		
2397W4	1.62	0.38	0.96	6.42	1.23	0.28	1.29	0.60	2.49	0.15	0.03	0.37	4.83	1.06	0.44		
2KQ632	1.63	0.40	0.63	5.49	0.19	0.52	1.30	0.61	0.30	0.15	0.03	0.24	4.26	0.15	0.21		
2UZUK7	1.26	-0.83	0.39	4.80	-0.58	0.32	0.98	-0.98	1.01	0.13	-0.66	2.33	3.49	-1.08	0.43		
39BWEY	1.74	0.79	0.76	5.75	0.48	0.34	1.31	0.71	0.57	0.15	-0.03	0.75	4.34	0.27	0.41		
477JED	1.54	0.11	0.36	4.70	-0.69	0.74	1.23	0.30	0.92	0.16	0.22	0.77	3.88	-0.45	0.99		
6MJMA4	1.30	-0.71	2.79	4.86	-0.52	2.05	1.00	-0.92	0.14	0.13	-0.64	0.45	3.60	-0.91	0.83		
83RZZZ	1.29	-0.73	0.21	4.49	-0.93	0.41	1.06	-0.59	0.86	0.27	3.00	0.13	3.83	-0.54	0.98		
9N78QJ	1.39	-0.39	0.78	5.35	0.03	0.20	1.15	-0.14	0.84	0.22	1.76	1.11	4.14	-0.04	0.38		
AN6UJG	1.05	-1.55	0.21	3.82	-1.68	0.52	0.95	-1.16	1.03	0.12	-0.75	0.98	3.00	-1.87	0.13		
AQR98R	1.39	-0.41	0.21	5.30	-0.03	0.28	1.31	0.67	0.87	0.12	-0.80	0.07	4.24	0.12	0.15		
CL8ZYH	1.61	0.35	0.73	5.57	0.27	0.13	1.35	0.90	0.07	0.17	0.45	0.43	4.29	0.19	0.14		
FQ9BLT	1.65	0.47	0.87	6.81	1.65	2.70	1.13	-0.24	0.59	0.15	0.03	0.43	4.55	0.61	3.63		
FZCVGU	1.38	-0.43	1.10	5.08	-0.27	0.24	1.10	-0.41	0.74	0.13	-0.58	0.13	4.11	-0.08	0.27		
G6L7AN	2.00	1.67		7.00	1.87		1.50	1.66		0.70	14.25X		4.90	1.17			
GCPCQC	1.42	-0.29	1.84	4.84	-0.54	2.76	1.12	-0.27	0.46	0.13	-0.50	0.90	3.62	-0.87	1.81		
KXWRYE	1.19	-1.08		4.86	-0.52		1.15	-0.13		0.32	4.37X		3.05	-1.78			
NMH4CH	1.55	0.13	0.58	5.50	0.20	0.38	1.24	0.32	0.19	0.12	-0.91	0.28	4.23	0.10	0.33		
Q3N624	1.18	-1.13	0.52	4.55	-0.87	0.49	0.99	-0.93	0.94	0.14	-0.32	1.28	3.44	-1.16	0.16		
RHVNCZ	1.10	-1.38	1.44	4.78	-0.60	1.06	0.89	-1.45	2.39	0.06	-2.40	2.79	3.75	-0.66	0.19		
RJMJY9	1.48	-0.11	1.73	5.24	-0.10	0.33	1.20	0.13	1.72	0.17	0.39	0.88	4.04	-0.20	1.07		
TBE3AN	1.72	0.72	0.36	5.70	0.42	0.55	1.31	0.69	0.32	0.17	0.54	1.11	4.65	0.77	0.08		
UVFMF8	1.63	0.41	0.10	5.84	0.58	0.13	1.15	-0.15	0.14	0.14	-0.29	0.14	4.51	0.55	0.04		
W2V8D6	1.72	0.72		5.78	0.51		1.38	1.05		0.16	0.26		4.54	0.60			
WY3BQV	1.21	-1.02	0.62	3.99	-1.49	0.27	0.98	-0.98	0.39	0.15	0.03	0.98	3.19	-1.55	1.29		
YNW8EX	1.74	0.78	0.44	5.73	0.45	0.34	1.27	0.47	0.47	0.14	-0.40	0.37	4.19	0.04	0.28		
ZM3JW2	1.68	0.57	0.08	6.07	0.83	0.08	1.39	1.10	0.19	0.20	1.16	0.04	4.61	0.71	0.09		



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

ECe - sp (SubTestCode 103) in the Salinity Property Groups						Data units: dS/m
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110	
<b>Grand Median</b>	1.51	5.33	1.18	0.15	4.17	
<b>Median Abs Dev</b>	0.19	0.48	0.13	0.02	0.38	
<b>Avg Within Lab SD</b>	0.07	0.27	0.05	0.02	0.24	
<b>Labs Included</b>	26	26	26	24	26	
<b>Labs Reporting</b>	26	26	26	26	26	



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

HCO <sub>3</sub> -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>6MJMA4</b>	<b>8.73</b>	1.27	1.82	<b>2.61</b>	2.19	1.06	<b>3.52</b>	1.58	2.35	<b>1.25</b>	1.39	2.27	<b>1.31</b>	2.17	2.12
<b>9N78QJ</b>	<b>8.53</b>	1.21	0.23	<b>1.73</b>	0.86	1.61	<b>2.47</b>	0.61	0.25	<b>0.53</b>	-0.63	0.50	<b>0.33</b>	-0.08	1.09
<b>AN6UJG</b>	<b>3.83</b>	-0.17	0.30	<b>1.10</b>	-0.10	0.00	<b>1.20</b>	-0.56	0.00	<b>0.80</b>	0.13	0.44	<b>0.90</b>	1.22	0.00
<b>GCPCQC</b>	<b>5.88</b>	0.43	1.28	<b>1.23</b>	0.10	1.48	<b>1.63</b>	-0.16	0.61	<b>0.47</b>	-0.82	0.27	<b>0.37</b>	-0.01	0.54
<b>KXWRYE</b>	<b>2.59</b>	-0.53		<b>0.71</b>	-0.69		<b>1.98</b>	0.16		<b>1.07</b>	0.89		<b>0.90</b>	1.22	
<b>NMH4CH</b>	<b>2.63</b>	-0.52	0.31												
<b>Q3N624</b>	<b>2.51</b>	-0.55	0.61	<b>0.52</b>	-0.97	0.22	<b>0.61</b>	-1.10	0.04	<b>0.50</b>	-0.73	0.09	<b>0.36</b>	-0.01	0.14
<b>TBE3AN</b>	<b>9.18</b>	1.40	1.56	<b>1.32</b>	0.23	0.22	<b>2.35</b>	0.50	0.16	<b>0.71</b>	-0.13	0.57	<b>0.37</b>	0.00	0.09
<b>YNW8EX</b>	<b>4.40</b>	0.00	0.00	<b>1.00</b>	-0.25		<b>1.00</b>	-0.74		<b>1.00</b>	0.69				

HCO <sub>3</sub> -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	4.40			1.17			1.81			0.75			0.37		
<b>Median Abs Dev</b>	1.81			0.31			0.63			0.25			0.04		
<b>Avg Within Lab SD</b>	0.50			0.14			0.47			0.23			0.11		
<b>Labs Included</b>	9			8			8			8			7		
<b>Labs Reporting</b>	9			8			8			8			7		



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K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
2397W4	1.50	-0.78		0.33	-0.89	1.95	1.17	-0.64	0.87				3.93	-0.62	0.26
2KQ632	1.88	0.37	1.60	0.39	0.00	0.50	1.42	0.41	0.22	0.04	-0.28	0.19	4.95	0.81	0.40
2UZUK7	1.52	-0.71	0.20				1.13	-0.79	0.52				3.96	-0.58	0.35
477JED	1.68	-0.22	1.15	0.40	0.17	2.25	1.31	-0.04	1.09	0.14	2.13	3.03	4.04	-0.47	1.60
6MJMA4	1.82	0.21	2.03	0.42	0.47	0.85	1.37	0.22	0.91	0.05	-0.20	0.86	4.95	0.80	0.39
83RZZZ	1.40	-1.07	0.23	0.45	0.89	1.13	1.12	-0.86	2.87	0.05	-0.01	0.15	3.96	-0.58	1.51
AQR98R	1.90	0.45	0.68	0.37	-0.34	0.34	1.44	0.52	1.09	0.10	1.18	0.00	4.86	0.68	0.63
FQ9BLT	1.86	0.33	0.71	0.46	1.07	0.40	1.35	0.11	0.39	0.05	0.01	0.23	4.26	-0.16	1.70
KXWRYE	1.27	-1.48		0.28	-1.70		0.98	-1.44		0.12	1.70		2.64	-2.43X	
NMH4CH	1.81	0.17	1.53	0.38	-0.18	0.12	1.32	0.02	0.81				5.10	1.01	0.84
Q3N624	1.34	-1.25	0.31	0.41	0.32	0.20	1.13	-0.81	1.06	0.10	1.27	0.43	4.07	-0.43	1.23
RJMJY9	1.70	-0.17	1.53	0.35	-0.69	0.20	1.31	-0.02	0.31				4.38	0.00	1.24
TBE3AN	2.08	1.00	0.13	0.38	-0.20	0.32	1.49	0.74	0.52	0.04	-0.33	0.33	5.17	1.11	0.31
UVFMF8	1.59	-0.49	0.13	0.28	-1.65	0.83	1.10	-0.92	0.44	0.04	-0.45	0.35	4.20	-0.24	1.40
W2V8D6	2.28	1.60					1.70	1.62					5.68	1.82	
WY3BQV	1.54	-0.65	0.26	0.44	0.78	0.52	1.13	-0.79	0.86	0.06	0.15	0.75	4.13	-0.35	1.13
YNW8EX	1.89	0.42	0.63	0.44	0.78	1.19	1.40	0.35	0.15	0.04	-0.37	0.00	5.09	0.99	0.45
ZM3JW2	2.01	0.78	0.80	0.58	2.80X	0.20	1.76	1.86	0.49				4.96	0.82	0.31

K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
Grand Median	1.75			0.39			1.32			0.054			4.38		
Median Abs Dev	0.19			0.05			0.16			0.014			0.44		
Avg Within Lab SD	0.07			0.03			0.07			0.013			0.23		
Labs Included	18			15			18			12			17		
Labs Reporting	18			16			18			12			18		



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Ca - sp (SubTestCode 106) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
2397W4	6.5	-1.27	0.49	31.0	-0.56	0.35	5.2	-0.91	1.63	0.5	-0.71	0.54	18.7	-0.92	0.28
2KQ632	8.7	0.29	0.31	36.1	0.42	0.49	6.6	0.47	0.16	0.7	0.39	0.31	25.8	0.82	0.18
2QV4DQ	9.2	0.64		35.9	0.38		6.6	0.48		0.5	-0.52		24.5	0.51	
2UZUK7	6.4	-1.30	0.27	29.2	-0.92	0.39	4.6	-1.50	0.91	0.5	-0.68	1.03	17.7	-1.16	0.27
477JED	8.9	0.45	0.78	30.1	-0.73	0.85	6.0	-0.17	0.23	0.9	1.31	1.21	21.2	-0.29	0.55
6MJMA4	8.6	0.21	2.76	36.0	0.39	2.84	5.9	-0.23	0.51	0.6	-0.16	0.06	21.8	-0.15	1.21
83RZZZ	8.4	0.07	0.90	37.7	0.72	1.93	7.4	1.22	1.23	1.8	5.58X	2.75	25.9	0.86	0.83
9N78QJ	7.8	-0.33	0.61	34.3	0.06	0.42	6.2	0.11	0.65	1.0	1.91	1.08	23.5	0.26	0.27
AN6UJG	8.1	-0.12	0.18	31.0	-0.56	0.46	6.0	-0.16	1.14	0.5	-0.48		21.3	-0.29	0.22
AQR98R	8.1	-0.11	0.14	33.6	-0.06	0.51	6.7	0.60	1.39	0.4	-0.76	0.19	22.9	0.11	0.05
FQ9BLT	9.9	1.11	0.90	34.7	0.14	0.70	6.0	-0.15	0.58	0.6	0.17	0.61	22.1	-0.08	1.51
GCPCQC	8.1	-0.15	0.55	26.4	-1.45	1.60	6.1	-0.04	0.76	0.5	-0.54	3.14	14.7	-1.90	3.68
KXWRYE	3.6	-3.28X		16.8	-3.28X		2.8	-3.24X		0.4	-0.76		6.9	-3.81X	
NMH4CH	8.3	0.00	0.88	37.2	0.61	0.29	5.7	-0.39	0.64	0.2	-2.13	0.35	24.9	0.59	0.43
Q3N624	6.1	-1.50	0.27	30.5	-0.66	0.38	5.1	-0.97	1.12	0.6	0.19	0.57	19.5	-0.71	0.51
RHVNCZ	7.7	-0.37	1.71	32.0	-0.37	0.48	6.3	0.12	0.94	0.4	-0.99	0.92	22.7	0.08	0.29
RJMJY9	8.2	-0.08	1.51	33.0	-0.18	0.67	6.2	0.04	1.76	0.7	0.70	0.65	21.5	-0.24	0.73
TBE3AN	11.6	2.34	0.29	39.5	1.07	0.48	7.5	1.35	0.98	0.7	0.29	1.09	28.2	1.42	0.22
UVFMF8	9.0	0.47	1.37	32.2	-0.34	0.87	5.5	-0.59	1.16	0.6	0.16	0.47	20.5	-0.47	0.28
W2V8D6	10.6	1.63		40.4	1.23		7.7	1.57		0.7	0.24		27.3	1.19	
WY3BQV	7.1	-0.81	0.44	32.6	-0.26	0.55	5.3	-0.76	1.42	0.5	-0.36	0.65	19.8	-0.64	0.48
YNW8EX	10.5	1.58	0.87	45.3	2.18	0.92	8.0	1.82	0.05	0.7	0.66	0.35	27.6	1.27	0.08
ZM3JW2	8.3	0.00	0.22	42.2	1.58	0.46	7.3	1.18	0.36	0.7	0.70	0.06	26.0	0.88	0.09



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Ca - sp (SubTestCode 106) in the Salinity Property Groups						Data units: mmolc/L
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110	
<b>Grand Median</b>	8.27	34.0	6.13	0.60	22.4	
<b>Median Abs Dev</b>	0.59	2.9	0.55	0.13	2.5	
<b>Avg Within Lab SD</b>	0.57	1.7	0.35	0.09	2.3	
<b>Labs Included</b>	22	22	22	22	22	
<b>Labs Reporting</b>	23	23	23	23	23	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
2397W4	3.0	-0.76	0.51	17.6	-0.27	0.50	3.4	-0.49	1.85	0.4	-0.39	0.86	9.2	-0.27	0.39
2KQ632	3.4	-0.01	0.73	18.4	0.01	0.32	3.9	0.43	0.22	0.5	0.27	0.71	10.0	0.38	0.32
2QV4DQ	3.6	0.52		19.3	0.34		4.1	0.75		0.3	-0.76		10.2	0.58	
2UZUK7	2.7	-1.38	0.22	14.9	-1.27	0.32	2.8	-1.65	0.88	0.5	0.47	1.58	7.3	-1.78	0.47
477JED	3.5	0.17	1.03	15.7	-0.96	1.13	3.5	-0.36	0.70	0.5	0.60	1.63	7.9	-1.25	0.09
6MJMA4	3.5	0.22	2.74	19.3	0.34	2.34	3.5	-0.45	0.61	0.5	0.25	0.09	8.3	-0.93	1.04
83RZZZ	3.0	-0.72	0.69	20.8	0.91	1.98	3.2	-0.91	1.15	0.6	1.15	0.91	9.7	0.13	0.90
8THXEY	11.8	16.87X	1.26	12.6	-2.13X	1.21	11.6	14.90X	1.87	5.5	33.08X	4.54	12.4	2.32X	1.63
9N78QJ	3.6	0.37	0.59	19.5	0.44	0.80	4.0	0.58	0.46	0.7	1.80	0.00	10.5	0.81	0.95
AN6UJG	3.3	-0.16	0.00	15.6	-1.01	0.25	3.8	0.14	1.32	0.4	-0.17	1.49	8.5	-0.80	0.38
AQR98R	3.4	0.01	0.61	17.6	-0.28	0.40	4.2	0.91	1.36	0.3	-0.65	0.09	9.6	0.05	0.23
FQ9BLT	4.0	1.21	0.96	18.3	-0.01	0.57	3.7	-0.05	0.63	0.4	0.00	0.56	9.5	-0.02	2.97
GCPCQC	3.0	-0.67	0.69	15.1	-1.20	1.72	3.4	-0.54	0.62	0.3	-0.55	1.28	8.5	-0.80	0.78
KXWRYE	1.4	-4.05X		8.3	-3.72X		1.6	-3.88X		0.2	-1.28		2.7	-5.35X	
NMH4CH	3.4	0.08	1.30	19.4	0.40	0.23	3.5	-0.40	0.80	0.1	-2.11	0.38	10.2	0.58	0.72
Q3N624	3.1	-0.60	0.99	20.9	0.96	0.73	3.7	0.04	1.20	0.5	0.73	0.58	9.3	-0.13	1.96
RHVNCZ	3.3	-0.22	1.06	17.3	-0.40	0.27	3.7	0.08	1.80	0.3	-0.70	1.81	9.5	0.02	0.45
RJMJY9	3.3	-0.11	1.43	17.6	-0.26	0.63	3.7	-0.04	1.48	0.6	0.84	0.31	9.0	-0.42	1.42
TBE3AN	4.1	1.39	0.26	19.2	0.32	0.21	4.2	0.97	0.14	0.4	-0.31	0.16	10.6	0.88	0.03
UVFMF8	2.8	-1.10	0.96	15.8	-0.95	0.51	3.5	-0.38	0.14	0.4	-0.39	0.31	8.3	-0.97	0.41
W2V8D6	4.2	1.61		20.9	0.94		4.7	1.90		0.5	0.69		10.9	1.10	
WY3BQV	2.8	-1.09	0.56	16.8	-0.58	0.72	3.2	-0.92	1.07	0.5	0.23	2.14	8.4	-0.86	0.50
YNW8EX	4.1	1.41	0.86	22.9	1.67	1.64	4.4	1.38	0.14	0.4	-0.23	0.00	10.9	1.13	0.11
ZM3JW2	3.9	1.03	0.33	21.9	1.31	0.40	4.5	1.48	0.46	0.6	0.97	0.17	10.7	0.98	0.27





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<b>Mg - sp (SubTestCode 107) in the Salinity Property Groups</b>						<b>Data units: mmolc/L</b>
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110	
<b>Grand Median</b>	3.38	18.3	3.69	0.43	9.51	
<b>Median Abs Dev</b>	0.32	1.4	0.27	0.09	1.01	
<b>Avg Within Lab SD</b>	0.20	1.1	0.22	0.07	0.53	
<b>Labs Included</b>	22	22	22	23	22	
<b>Labs Reporting</b>	24	24	24	24	24	



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Na - sp (SubTestCode 108) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
2397W4	1.77	-0.02	0.22	0.59	2.19	0.88	1.01	2.06	2.68	0.42	1.62	0.33	1.26	0.28	1.05
2KQ632	1.84	0.24	1.31	0.41	0.15	0.44	0.86	0.94	1.84	0.30	-0.11	0.00	1.25	0.22	0.29
2QV4DQ	2.11	1.19		0.51	1.28		0.90	1.26		0.36	0.72		1.50	1.39	
2UZUK7	1.42	-1.24	0.26	0.38	-0.08	0.30	0.69	-0.24	1.58	0.31	-0.02	0.54	1.03	-0.77	0.42
477JED	1.59	-0.65	0.43	0.35	-0.50	0.27	0.63	-0.67	0.47	0.33	0.32	0.20	1.06	-0.62	0.18
6MJMA4	1.72	-0.18	2.96	0.42	0.26	0.66	0.67	-0.36	0.58	0.29	-0.33	0.47	1.07	-0.59	0.91
83RZZZ	0.88	-3.17X	0.11	0.32	-0.75	0.26	0.52	-1.41	0.43	0.28	-0.53	0.21	0.86	-1.53	0.85
8THXEY	24.61	80.66X	34.04	6.23	63.42X	7.15	8.28	53.17X	5.99	7.15	102.54X	3.62	15.32	64.77X	8.23
9N78QJ	1.87	0.33	0.54	0.43	0.45	1.01	0.83	0.79	0.65	0.43	1.82	0.76	1.33	0.62	0.67
AN6UJG	1.70	-0.26	0.00	0.30	-1.00	0.00	0.70	-0.15	0.00	0.23	-1.18	0.76	1.20	0.01	0.00
AQR98R	1.77	0.00	0.29	0.32	-0.75	0.10	0.71	-0.08	0.40	0.24	-1.03	0.08	1.19	-0.04	0.31
FQ9BLT	1.97	0.68	0.84	0.56	1.78	3.52	0.81	0.60	1.49	0.29	-0.31	0.24	1.20	-0.01	1.88
GCPCQC	2.11	1.18	1.67	0.35	-0.42	0.27	0.79	0.46	0.67	0.24	-1.05	0.97	1.36	0.76	0.91
KXWRYE	1.43	-1.21		0.37	-0.24		0.61	-0.79		0.36	0.72		0.86	-1.55	
NMH4CH	2.59	2.87X	2.20	1.07	7.34X	2.41	1.57	5.96X	0.78	0.99	10.09X	0.55	2.04	3.85X	0.77
Q3N624	1.33	-1.55	0.54	0.40	0.08	0.00	0.57	-1.09	0.65	0.23	-1.18	0.76	0.93	-1.21	2.42
RHVNCZ	1.79	0.07	0.75	0.30	-1.06	1.37	0.70	-0.18	1.04	0.35	0.58	3.76	1.15	-0.20	1.04
RJMJY9	1.65	-0.45	1.01				0.66	-0.41	0.42	0.32	0.07	0.20	1.09	-0.48	0.86
TBE3AN	2.02	0.87	0.08	0.37	-0.28	0.68	0.79	0.51	0.21	0.40	1.31	0.43	1.47	1.24	1.76
UVFMF8	1.41	-1.27	0.72	0.33	-0.69	0.30	0.61	-0.81	0.35	0.28	-0.56	0.74	1.04	-0.74	0.55
W2V8D6	2.14	1.30					0.87	1.04		0.36	0.72		1.42	1.02	
WY3BQV	1.70	-0.25	0.44	0.47	0.81	0.20	0.73	0.08	0.28	0.31	0.02	0.80	1.29	0.44	0.27
YNW8EX	1.96	0.67	0.71	0.43	0.37	0.66	0.78	0.43	0.06	0.27	-0.58	0.08	1.32	0.58	0.07
ZM3JW2	1.93	0.57	0.47	0.42	0.34	0.10	0.79	0.48	0.19	0.32	0.07	0.08	1.31	0.53	0.13



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Na - sp (SubTestCode 108) in the Salinity Property Groups	Data units: mmolc/L				
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110
<b>Grand Median</b>	1.77	0.39	0.72	0.31	1.20
<b>Median Abs Dev</b>	0.18	0.04	0.08	0.04	0.13
<b>Avg Within Lab SD</b>	0.11	0.06	0.09	0.08	0.09
<b>Labs Included</b>	21	20	22	22	22
<b>Labs Reporting</b>	24	22	24	24	24



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SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
2397W4	0.813	0.77	0.29	0.120	1.98	0.72	0.487	2.21	2.52	0.650	2.61	0.93	0.340	0.79	0.63	
2KQ632	0.750	0.00	1.30	0.073	-0.21	0.42	0.370	0.46	1.72	0.400	-0.27	0.35	0.297	-0.07	0.18	
2QV4DQ	0.830	0.97		0.100	1.04		0.390	0.76		0.570	1.69		0.360	1.19		
6MJMA4	0.703	-0.57	1.82	0.080	0.10	1.25	0.310	-0.43	0.43	0.407	-0.19	1.04	0.273	-0.54	0.18	
83RZZZ	0.369	-4.63X	0.30	0.060	-0.82	0.36	0.228	-1.66	0.35	0.110	-3.60X	0.30	0.206	-1.88	0.67	
9N78QJ	0.800	0.61	0.00	0.100	1.04	0.00	0.400	0.91	0.00	0.433	0.12	1.17	0.300	-0.01	0.00	
FQ9BLT	0.747	-0.04	0.49	0.108	1.42	2.83	0.368	0.43	1.50	0.401	-0.26	0.36	0.301	0.01	0.56	
GCPCQC	0.896	1.77	2.35	0.078	0.00	0.07	0.361	0.33	0.48	0.346	-0.89	1.32	0.417	2.33	2.88	
KXWRYE	0.680	-0.85		0.070	-0.37		0.290	-0.73		0.430	0.08		0.280	-0.40		
Q3N624	0.597	-1.87	0.14	0.073	-0.21	0.42	0.270	-1.03	0.25	0.333	-1.04	0.31	0.243	-1.13	1.45	
RJMJY9	0.700	-0.61	0.91				0.303	-0.53	0.38	0.423	0.00	1.35	0.287	-0.27	0.18	
TBE3AN	0.721	-0.36	0.14	0.068	-0.48	0.52	0.328	-0.16	0.13	0.556	1.53	1.17	0.333	0.66	1.11	
W2V8D6	0.790	0.49					0.350	0.16		0.470	0.54		0.320	0.39		
WY3BQV	0.763	0.16	0.14	0.093	0.72	0.42	0.353	0.21	0.79	0.450	0.31	1.85	0.347	0.92	0.36	
YNW8EX	0.700	-0.61	0.00	0.070	-0.37	0.00	0.300	-0.58	0.00	0.400	-0.27	0.00	0.300	-0.01	0.00	
ZM3JW2	0.787	0.45	0.52				0.327	-0.19	0.14	0.393	-0.35	0.12	0.310	0.19	0.00	

  

SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
Grand Median	0.75			0.078			0.34			0.42			0.30			
Median Abs Dev	0.05			0.010			0.03			0.03			0.02			
Avg Within Lab SD	0.04			0.014			0.04			0.05			0.03			
Labs Included	15			13			16			15			16			
Labs Reporting	16			13			16			16			16			



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CI - sp (SubTestCode 110) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
2397W4	1.37	-0.86	0.76	0.40	0.00	0.00	0.47	-0.23	1.32	0.20	-0.10	0.00	0.50	0.09		
2KQ632	1.57	-0.17	0.77	0.35	-0.55	0.51	0.45	-0.40	1.13	0.16	-0.50	0.27	0.44	-0.39	0.34	
477JED	1.55	-0.24	0.39	0.46	0.76	0.34	0.53	0.53	0.26	0.29	0.76	0.48	0.56	0.56	0.12	
6MJMA4	1.51	-0.37	1.73	0.37	-0.32	0.25	0.45	-0.46	0.74	0.13	-0.80	0.16	0.44	-0.40	0.43	
9N78QJ	2.00	1.29	1.38	0.47	0.88	1.68	0.50	0.15	1.79	0.36	1.46	0.99	0.53	0.32	0.54	
AN6UJG	1.17	-1.54	0.76	0.40	0.00	0.00	0.50	0.15		0.30	0.90	0.00	0.47	-0.18	2.46	
AQR98R	1.62	0.00	0.35													
CL8ZYP	1.68	0.20	0.18	0.45	0.61	1.36	0.52	0.34	0.19	0.24	0.30	0.61	0.49	0.00	0.35	
FZCVGU	1.38	-0.83	0.36	0.30	-1.16	0.27	0.38	-1.22	0.14	0.17	-0.40	0.24	0.41	-0.63	0.42	
GCPCQC	1.38	-0.82	2.25	0.26	-1.70	0.96	0.34	-1.68	0.93	0.11	-0.98	0.12	0.34	-1.26	0.46	
KXWRYE	1.48	-0.48		0.47	0.84		0.50	0.15		0.93	7.16X		0.50	0.09		
Q3N624	1.16	-1.55	0.55	0.37	-0.40	0.71	0.35	-1.59	0.48	0.31	1.03	0.25	0.45	-0.32	0.56	
RHVNCZ	1.82	0.67	0.53	0.38	-0.24	1.92	0.40	-0.95	0.53	0.30	0.90	3.43	0.44	-0.37	0.25	
RJMZY9	1.68	0.22	1.51										0.72	1.87	1.36	
TBE3AN	2.02	1.37	0.01	0.41	0.15	1.23	0.53	0.54	0.98	0.27	0.61	0.63	0.81	2.66	1.09	
UVFMF8	1.66	0.14	0.13	0.29	-1.28	1.27	0.42	-0.72	1.87	0.13	-0.83	0.69	0.37	-0.98	1.69	
W2V8D6	1.95	1.12					0.65	1.86					0.62	1.09		
WY3BQV	1.70	0.27	1.26				0.49	0.00	0.95	0.21	0.00	0.72				
YNW8EX	1.82	0.67	0.62	0.50	1.24	0.77	0.53	0.49	0.61	0.15	-0.56	0.19	0.52	0.26	0.74	
ZM3JW2	2.96	4.57X	1.29	1.96	18.61X	0.89	1.72	14.03X	0.69				0.89	3.34X	1.25	

CI - sp (SubTestCode 110) in the Salinity Property Groups														Data units: mmolc/L		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
Grand Median	1.62			0.40			0.49			0.21			0.49			
Median Abs Dev	0.20			0.05			0.04			0.08			0.05			
Avg Within Lab SD	0.08			0.05			0.04			0.06			0.05			
Labs Included	19			15			17			15			17			
Labs Reporting	20			16			18			16			18			



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
2397W4	2.90	0.03	0.91	1.07	-1.46	0.61	3.33	-0.51	2.20	0.23	-0.12	1.65	2.17	-0.77	0.94	
2KQ632	2.27	-1.24	0.33	1.23	-0.82	0.38	3.44	-0.34	0.34	0.28	0.67	0.90	2.05	-1.05	0.52	
477JED	2.70	-0.36	0.32	1.53	0.38	0.46	3.04	-0.95	0.19	0.23	-0.24	0.33	2.27	-0.52	0.51	
6MJMA4	2.90	0.03	3.16	1.46	0.09	1.53	3.47	-0.29	1.21	0.25	0.12	0.59	2.50	0.04	0.45	
9N78QJ	3.24	0.72	0.50	1.62	0.74	0.53	4.25	0.91	0.07	0.39	2.72	1.57	2.88	0.93	0.78	
AN6UJG	2.87	-0.03	0.30	1.40	-0.13	0.00	3.80	0.22	0.93	0.23	-0.12	1.65	2.50	0.03		
AQR98R	2.34	-1.09	0.24	1.31	-0.50	0.27	3.52	-0.22	0.61				2.48	-0.03	1.04	
FQ9BLT	3.32	0.89	0.59	2.28	3.38X	1.26	3.88	0.35	0.97	0.23	-0.24	0.44	3.06	1.38	2.23	
GCPCQC	2.37	-1.03	0.43	1.28	-0.62	1.13	3.13	-0.82	0.61	0.17	-1.22	1.58	2.28	-0.49	1.27	
KXWRYE	1.20	-3.40X		0.72	-2.84X		1.60	-3.19X		0.24	0.00		0.86	-3.89X		
Q3N624	2.20	-1.39	0.81	1.31	-0.50	0.32	2.76	-1.39	1.29	0.05	-3.31X	0.16	2.18	-0.73	0.91	
RJMZY9	2.75	-0.26	1.24	1.43	0.00	1.28	3.81	0.23	1.70	0.30	1.12	0.16	2.42	-0.16	1.51	
TBE3AN	3.27	0.77	0.11	1.53	0.38	0.59	4.21	0.85	0.12	0.20	-0.76	0.12	2.80	0.74	0.27	
W2V8D6	3.18	0.60		1.76	1.30		4.60	1.45		0.31	1.24		3.06	1.36		
WY3BQV	2.19	-1.39	0.51	1.29	-0.57	2.39	3.39	-0.41	1.07	0.44	3.54X	10.45	2.10	-0.92	0.85	
YNW8EX	3.20	0.64	0.73	1.85	1.65	1.19	4.39	1.12	0.11	0.24	0.00	0.00	2.92	1.04	0.25	
ZM3JW2	3.03	0.30	0.22	1.68	0.97	0.34	4.14	0.74	0.49	0.29	0.89	0.29	2.74	0.61	0.41	

  

SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
Grand Median	2.88			1.43			3.66			0.24			2.49			
Median Abs Dev	0.34			0.14			0.40			0.03			0.31			
Avg Within Lab SD	0.19			0.09			0.21			0.04			0.12			
Labs Included	16			15			16			14			16			
Labs Reporting	17			17			17			16			17			



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
2397W4	6.0	0.74	0.73	49.1	0.03	0.39	6.0	0.16	1.66	0.2	0.10	0.00	35.3	0.01	0.86	
2KQ632	7.8	1.28	0.32	54.1	0.75	0.41	7.2	0.98	0.10	0.2	0.00	0.18	35.2	-0.01	0.76	
6MJMA4	1.9	-0.51	2.66	39.7	-1.30	2.67	3.4	-1.72	1.83	0.2	-0.13	2.07	28.7	-1.11	0.84	
AN6UJG	5.2	0.50	0.93	46.5	-0.33	0.50	7.2	1.01	0.21	0.2	0.24	1.79	33.2	-0.35	1.11	
AQR98R				48.7	-0.03	0.20	5.6	-0.16	0.45				36.3	0.19	0.22	
KXWRYE	3.4	-0.07		35.6	-1.89		5.2	-0.39					19.9	-2.61		
Q3N624	1.0	-0.81	0.09	7.9	-5.82X	0.13	1.0	-3.39X	0.10	0.1	-1.79	0.10	5.9	-4.98X	0.28	
RJMZY9	0.7	-0.90	0.55	51.3	0.34	0.98	4.6	-0.85	1.57	0.1	-0.46	1.20	36.5	0.21	2.31	
TBE3AN	3.8	0.07	0.30	55.7	0.97	0.49	6.3	0.33	0.25	0.3	1.16	0.10	40.8	0.95	0.48	
UVFMF8	6.6	0.93	0.13	45.7	-0.44	0.23	6.2	0.30	0.39	0.3	1.87	0.11	32.3	-0.49	0.32	
ZM3JW2	0.6	-0.93	0.02	53.6	0.67	0.09	4.6	-0.84	0.04	0.2	-0.31	0.00	40.0	0.81	0.08	

NO3 - sp (SubTestCode 112) in the Salinity Property Groups														Data units: mmolc/L		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
Grand Median	3.60			48.9			5.79			0.18			35.2			
Median Abs Dev	2.50			3.9			0.86			0.02			2.5			
Avg Within Lab SD	0.61			2.8			0.48			0.06			1.5			
Labs Included	10			10			10			9			10			
Labs Reporting	10			11			11			9			11			



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B - sp (SubTestCode 113) in the Salinity Property Groups														Data units: mg/L		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
2397W4													<b>0.600</b>	0.65	0.00	
2KQ632	<b>0.126</b>	0.09	0.11	<b>0.022</b>	-0.97	0.55	<b>0.147</b>	0.27	0.12	<b>0.024</b>	-0.03	1.15	<b>0.519</b>	-0.31	0.37	
2UZUK7													<b>0.521</b>	-0.29	0.43	
477JED	<b>0.107</b>	-0.50	0.31	<b>0.087</b>	0.90	1.31	<b>0.113</b>	-0.37	0.16	<b>0.063</b>	0.99	1.03	<b>0.447</b>	-1.17	0.41	
6MJMA4	<b>0.138</b>	0.45	0.48	<b>0.059</b>	0.11	0.45	<b>0.138</b>	0.10	0.03	<b>0.014</b>	-0.31	0.17	<b>0.617</b>	0.85	0.32	
9N78QJ	<b>0.247</b>	3.68	0.31	<b>0.133</b>	2.25	0.49	<b>0.243</b>	2.07	0.16	<b>0.160</b>	3.52	1.17	<b>0.693</b>	1.75	0.41	
AN6UJG	<b>0.113</b>	-0.30	1.22	<b>0.027</b>	-0.83	2.47	<b>0.140</b>	0.13	1.43	<b>0.020</b>	-0.14	0.67	<b>0.517</b>	-0.34	0.54	
FQ9BLT	<b>0.129</b>	0.16	0.48	<b>0.043</b>	-0.37	0.23	<b>0.118</b>	-0.29	0.19	<b>0.004</b>	-0.55	0.09	<b>0.529</b>	-0.20	1.43	
G6L7AN	<b>0.360</b>	7.06X		<b>0.220</b>	4.75X		<b>0.780</b>	12.15X		<b>0.280</b>	6.67X					
KXWRYE	<b>0.070</b>	-1.59		<b>0.030</b>	-0.73		<b>0.070</b>	-1.18		<b>0.030</b>	0.12		<b>0.290</b>	-3.02X		
NMH4CH	<b>0.116</b>	-0.22	0.13				<b>0.124</b>	-0.16	0.20				<b>0.545</b>	0.00	0.54	
Q3N624	<b>0.087</b>	-1.09	0.31	<b>0.057</b>	0.04	0.49	<b>0.117</b>	-0.31	0.16	<b>0.027</b>	0.03	0.39	<b>0.427</b>	-1.40	0.89	
RHVNCZ	<b>0.120</b>	-0.09	1.03	<b>0.054</b>	-0.04	0.89	<b>0.104</b>	-0.54	0.41	<b>0.047</b>	0.55	1.80	<b>0.566</b>	0.24	1.72	
RJMJY9													<b>0.600</b>	0.65	1.00	
TBE3AN	<b>0.137</b>	0.39	0.13	<b>0.069</b>	0.39	0.17	<b>0.133</b>	-0.01	0.20	<b>0.023</b>	-0.08	0.17	<b>0.598</b>	0.62	0.34	
UVFMF8	<b>0.110</b>	-0.40	0.55	<b>0.019</b>	-1.04	0.79	<b>0.329</b>	3.68	2.85	<b>0.077</b>	1.36	1.83	<b>0.471</b>	-0.87	1.41	
WY3BQV	<b>0.133</b>	0.30	3.06				<b>0.133</b>	0.01	1.57				<b>0.500</b>	-0.54		
YNW8EX	<b>0.130</b>	0.20	0.00	<b>0.070</b>	0.42	0.85	<b>0.150</b>	0.32	0.00	<b>0.010</b>	-0.41	0.00	<b>0.633</b>	1.04	0.41	
ZM3JW2													<b>0.593</b>	0.57	2.36	

B - sp (SubTestCode 113) in the Salinity Property Groups														Data units: mg/L		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	0.12			0.055			0.13			0.026			0.55			
<b>Median Abs Dev</b>	0.01			0.020			0.02			0.014			0.05			
<b>Avg Within Lab SD</b>	0.02			0.012			0.04			0.015			0.03			
<b>Labs Included</b>	14			12			14			12			17			
<b>Labs Reporting</b>	15			13			15			13			18			





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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
2397W4	0.54	0.45	0.68	2.31	1.06	2.70	0.44	1.05	0.60	0.09	-0.04	0.33	0.94	-0.44	0.12	
28L7UU	0.64	1.19	0.90	2.04	0.51	0.95	0.44	1.08	0.96	0.12	0.27	0.83	1.42	0.87	0.06	
2KQ632	0.58	0.76	0.49	2.16	0.75	1.61	0.41	0.68	0.32	0.06	-0.46	0.43	1.27	0.46	1.09	
2QV4DQ	0.46	-0.13	0.68	1.38	-0.81	0.19	0.34	-0.09	0.72	0.10	0.05	0.00	0.70	-1.10	0.16	
3H2HKX	0.57	0.67	0.00	2.25	0.93		0.36	0.11	0.00	0.06	-0.49	0.00	1.47	1.01	0.00	
477JED	0.45	-0.22	0.59	1.62	-0.34	0.28	0.33	-0.25	1.58	0.11	0.14	0.33	1.05	-0.14	0.16	
4GLFB4	0.43	-0.34	0.39	1.46	-0.65	1.09	0.23	-1.42	1.50	0.07	-0.31	0.61	1.15	0.13	0.52	
63XXV6	0.43	-0.36	0.09	1.64	-0.30	0.07	0.41	0.74	0.19	0.10	0.00	0.15	1.09	-0.03	0.05	
6AGXFN	0.48	0.00	0.16	1.77	-0.03	0.13	0.38	0.37	0.26	0.08	-0.26	0.05	1.23	0.35	0.23	
6MJMA4	0.37	-0.76	1.41	1.33	-0.92	1.00	0.27	-1.00	0.52	0.07	-0.34	0.09	0.99	-0.31	1.00	
83RZZZ	0.42	-0.41	0.22	1.49	-0.60	0.82	0.29	-0.77	0.43	0.10	0.05	0.32	0.92	-0.50	0.81	
8THXEY	0.57	0.69	0.70	2.02	0.46	0.29	0.39	0.46	0.62	0.96	11.72	3.06	1.49	1.07	0.15	
AN6UJG	0.36	-0.85	0.26	1.19	-1.21	0.14	0.33	-0.29	0.20	0.11	0.14	0.33	0.79	-0.83	0.16	
GCPCQC	0.51	0.20	2.72	1.88	0.19	1.84	0.35	0.00	2.69	0.12	0.26	1.66	1.26	0.43	1.96	
HADU7L	0.55	0.50	0.39	1.87	0.17	0.26	0.38	0.38	0.20	0.07	-0.31	0.33	1.36	0.72	0.12	
HMYA9K	0.33	-1.09	0.39	1.30	-0.98	0.24	0.35	-0.01	0.60	0.10	0.00	0.33	0.92	-0.48	0.81	
JFVK88	0.39	-0.66	0.15	1.61	-0.36	0.23	0.30	-0.56	0.40	0.07	-0.31	0.33	1.01	-0.25	0.16	
KHJELM	0.69	1.53	0.00	2.51	1.46	0.63	0.45	1.13	0.20	0.09	-0.09	0.00	1.76	1.79	0.24	
M67ZDK	0.66	1.29	0.15	2.59	1.63	0.38	0.42	0.85	0.20	0.09	-0.13	0.33	1.68	1.59	0.16	
PJGFB2	0.61	0.96	0.26	2.37	1.18	1.52	0.41	0.73	1.05	0.06	-0.45	0.88	1.88	2.14	0.26	
Q3N624	0.37	-0.74	0.34	1.50	-0.58	0.38	0.28	-0.81	0.93	0.15	0.79	2.23	1.01	-0.25	0.15	
RBUAQY	0.45	-0.20	0.40	1.86	0.14	0.47	0.28	-0.85	0.39	0.11	0.20	0.29	1.10	0.00	0.32	
TW8LU7	0.64	1.20	1.63	2.31	1.05	0.38	0.28	-0.84	0.34	0.07	-0.36	0.00	1.06	-0.11	0.28	
W9FZUB	0.45	-0.17	0.97	1.69	-0.20	1.34	0.40	0.59	1.50	0.11	0.19	0.75	1.09	-0.04	1.15	
XG3L98	0.50	0.16		1.80	0.03	0.00	0.30	-0.60	0.00	0.10	0.05	0.00	1.20	0.27	0.00	
XRZLKB	0.61	0.98	3.34	1.47	-0.63	2.10	0.42	0.85	2.87	0.19	1.32	2.19	1.40	0.83	4.35	



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m				
SRS2106				SRS2107				SRS2108				SRS2109				SRS2110		
WebCode	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	Sample Mean	Z Score	k Score
<b>Y72BLH</b>	<b>0.62</b>	1.00	0.15	<b>2.09</b>	0.62	0.05	<b>0.42</b>	0.85	0.20	<b>0.12</b>	0.28	0.33	<b>1.56</b>	1.26	0.22			
<b>YC4RPW</b>	<b>0.36</b>	-0.85	0.00	<b>1.25</b>	-1.09	0.05	<b>0.29</b>	-0.72	0.00	<b>0.07</b>	-0.36	0.00	<b>0.67</b>	-1.17	0.00			
<b>ZFKDXA</b>	<b>0.31</b>	-1.21	0.00	<b>0.76</b>	-2.06	0.28	<b>0.23</b>	-1.47	0.87	<b>0.08</b>	-0.18	1.86	<b>0.74</b>	-0.98	0.75			
Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m				
SRS2106				SRS2107				SRS2108				SRS2109				SRS2110		
<b>Grand Median</b>	0.48			1.79			0.35			0.10			1.10					
<b>Median Abs Dev</b>	0.10			0.31			0.06			0.02			0.18					
<b>Avg Within Lab SD</b>	0.04			0.11			0.03			0.02			0.10					
<b>Labs Included</b>	29			28			29			29			29					
<b>Labs Reporting</b>	29			29			29			29			29					



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
27PVW7	0.34	-0.15	1.00	1.19	-0.20	2.04	0.26	0.17	0.89	0.05	-0.22	0.42	0.84	-0.36	1.31	
2KQ632	0.39	0.48	1.97	1.18	-0.24	0.46	0.23	-0.65	0.34	0.03	-1.39	1.42	0.89	-0.08	1.09	
6NDCDW	0.40	0.64	0.85	1.70	1.29	1.06	0.31	1.22	0.93	0.06	0.67	0.00	1.04	0.66	1.54	
89YQ6Q	0.30	-0.84	0.43	0.38	-2.60	0.00	0.34	1.92	0.46	0.34	19.13X	8.46	0.59	-1.55	0.25	
8NB6K4	0.42	0.98	0.09	1.64	1.12	0.13	0.29	0.75	0.19	0.05	-0.05	0.07	1.07	0.80	0.14	
99RYT2	0.34	-0.24	1.30	1.07	-0.57	2.29	0.20	-1.33	0.94	0.04	-0.84	1.45	0.93	0.08	0.64	
ACAKXT	0.42	1.03	0.89	1.43	0.48	0.87	0.26	0.02	0.09	0.04	-0.31	0.31	1.04	0.62	0.84	
AN6UJG	0.25	-1.53		0.85	-1.20	0.17	0.19	-1.42	1.86	0.07	1.54	1.60	0.67	-1.17	0.00	
APVVKY	0.37	0.25	1.48	1.40	0.41	1.02	0.25	-0.02	0.46	0.07	1.11	1.60	0.97	0.30	0.76	
BU83NN	0.31	-0.58	0.00	1.23	-0.09	0.00	0.21	-1.10	0.00	0.04	-0.89	0.00	0.85	-0.29	0.00	
CAU3RT	0.35	-0.04	0.09	1.34	0.23	0.24	0.22	-0.82	0.08	0.04	-0.67	0.32	0.93	0.09	0.22	
CDTEMT	0.26	-1.34	0.26	0.94	-0.94	0.23	0.52	6.18X	46.63	0.04	-0.59	1.37	0.57	-1.67	3.69	
DVP2UH	0.43	1.08	2.98	1.72	1.34	2.95	0.31	1.30	3.69	0.05	0.02	0.00	1.09	0.88	0.76	
FZDHZT	0.41	0.84	0.67	1.33	0.21	0.70	0.25	-0.13	0.38	0.05	0.20	0.89	0.95	0.20	0.84	
GCPCQC	0.34	-0.20	0.70	1.24	-0.06	0.27	0.27	0.33	0.17	0.06	0.48	0.55	0.82	-0.43	0.55	
JVAT7P	0.50	2.12	0.61	1.40	0.41	0.09	0.29	0.79	0.08	0.06	0.60	0.52	0.98	0.33	0.18	
K9F4CC	0.39	0.54	0.09	1.26	0.00	0.25	0.23	-0.62	0.30	0.04	-0.87	0.32	0.88	-0.16	0.30	
N9XN9H	0.17	-2.70X	0.11	0.57	-2.04	0.02	0.10	-3.59X	0.07	0.02	-1.95	0.17	0.39	-2.53	0.04	
NMH4CH	0.35	0.00	0.44	1.37	0.31	0.47	0.22	-0.80	0.42	0.04	-0.76	0.19	0.93	0.11	0.89	
ULP4ZE	0.30	-0.84	0.43	0.95	-0.92	0.29	0.23	-0.49	0.46	0.07	1.54	1.60	0.60	-1.53	0.25	
VB6CQV	0.34	-0.13	0.37	1.23	-0.09	0.00	0.24	-0.45	0.08	0.05	0.13	0.16	0.76	-0.73	0.03	
W2V8D6	0.42	0.93	0.39	1.40	0.41	0.29	0.26	0.07	0.61	0.05	0.02	2.20	0.99	0.37	0.12	
WLEA94	0.32	-0.49	0.74	0.11	-3.40X	0.17	0.26	0.13	0.00	0.06	0.67	0.00	0.74	-0.85	0.25	
ZM3JW2	0.37	0.23	0.23	1.38	0.35	0.78	0.27	0.29	0.86	0.05	0.00	1.60	0.99	0.39	0.80	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups						Data units: dS/m
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110	
<b>Grand Median</b>	0.35	1.26	0.25	0.050	0.91	
<b>Median Abs Dev</b>	0.04	0.14	0.03	0.010	0.08	
<b>Avg Within Lab SD</b>	0.01	0.03	0.01	0.004	0.02	
<b>Labs Included</b>	23	23	22	23	24	
<b>Labs Reporting</b>	24	24	24	24	24	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
2397W4	6.92	-0.79	1.27	6.78	-3.10	2.03	6.70	-1.46	0.70	5.90	1.35	3.72	5.01	-2.90X	0.56	
28L7UU	6.99	-0.04	0.44	7.09	-0.27	0.27	6.80	-0.21	0.00	5.92	1.49	2.08	5.37	0.71	1.01	
2KQ632	7.00	0.04	0.39	7.19	0.63	1.98	6.59	-2.87X	0.58	5.29	-3.67X	0.75	5.37	0.67	1.99	
2QV4DQ	7.00	0.08		7.03	-0.81	1.34	6.80	-0.21	0.00	5.73	-0.03	1.24	5.40	1.01	1.94	
2UX4B3	6.98	-0.11	0.65	7.10	-0.24	0.35	6.94	1.54	1.06	5.83	0.77	0.37	5.29	-0.10	0.34	
2XXDL4	6.99	-0.08	0.74	7.03	-0.87	0.71	6.80	-0.21	0.00	5.74	0.06	0.66	5.22	-0.78	0.30	
3H2HKX	6.97	-0.26	0.00	7.05	-0.66	0.00	6.83	0.17	0.00	5.65	-0.72	0.00	5.29	-0.10	0.00	
44AAZ2	6.83	-1.81	0.15	7.14	0.15	0.23	6.83	0.17	0.23	5.60	-1.10	0.12	5.21	-0.91	0.19	
477JED	7.08	1.02	1.27	7.15	0.27	0.48	6.86	0.56	0.83	5.72	-0.14	0.86	5.30	0.03	0.40	
4GLFB4	7.09	1.10	0.89	7.18	0.48	0.75	6.84	0.34	0.70	5.78	0.36	0.37	5.27	-0.27	0.30	
4PGFU3	7.13	1.55	1.43	7.18	0.54	0.27	6.91	1.20	0.46	5.88	1.21	0.45	5.31	0.10	0.19	
4TFRQ3										5.81	0.61	0.21	5.24	-0.57	0.11	
6AGXFN	6.95	-0.54	0.31	7.11	-0.16	0.22	6.78	-0.42	0.11	5.73	-0.09	0.81	5.33	0.34	0.28	
6MJMA4	7.15	1.78	1.78	7.01	-1.05	0.27	6.82	0.00	0.27	5.81	0.58	0.33	5.28	-0.17	0.62	
7NGYQ6	6.93	-0.68	1.48	7.13	0.09	1.34	6.77	-0.64	1.33	5.80	0.52	0.00	5.30	0.00	0.00	
83RZZZ	6.97	-0.23	1.16	7.09	-0.27	0.82	6.85	0.47	0.70	5.86	1.02	0.43	5.43	1.32	0.39	
89YQ6Q	6.97	-0.26	0.93	7.02	-0.90	0.13	6.71	-1.33	0.70	5.75	0.14	1.08	5.24	-0.61	0.70	
8E3UVP	6.98	-0.11	0.30	7.13	0.06	0.40	6.90	1.03	0.13	5.92	1.49	0.81	5.45	1.48	0.40	
8WLQ9X	6.99	0.00	0.39	6.69	-3.94X	0.27	6.79	-0.34	0.40	5.68	-0.50	0.97	5.20	-1.05	0.11	
AA32EZ	7.10	1.21	0.26	7.05	-0.69	0.27	6.87	0.64	0.58	5.78	0.36	0.43	5.28	-0.24	0.73	
AN6UJG	6.99	-0.08	0.39	7.02	-0.96	0.75	6.76	-0.69	0.13	5.78	0.33	0.33	5.23	-0.74	0.30	
APVVKY	7.02	0.26	1.94	7.14	0.18	1.28	6.90	1.07	0.69	5.81	0.58	0.66	5.38	0.84	1.13	
BU83NN	6.99	-0.08	0.15	7.16	0.33	0.23	6.82	0.04	0.40	5.66	-0.61	0.45	5.28	-0.20	0.19	
CAU3RT	6.98	-0.15	0.44	7.13	0.03	0.82	6.85	0.43	0.23	5.74	0.00	0.66	5.30	0.00	0.58	
DVP2UH	7.07	0.88	0.72	7.26	1.24	1.84	6.81	-0.06	1.03	5.71	-0.23	0.49	5.41	1.15	0.35	
FZDHZT	7.06	0.79	0.78	7.35	2.05	0.40	6.89	0.94	0.23	5.19	-4.50X	0.54	5.67	3.74X	0.34	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			Unit
	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	
GCPCQC	6.94	-0.57	1.07	7.15	0.24	0.61	6.87	0.69	0.23	5.68	-0.44	0.45	5.29	-0.10	0.34	
HADU7L	7.00	0.08		7.10	-0.21	0.00	6.80	-0.21	0.00	5.60	-1.13	0.00	5.50	2.02		
HMYA9K	7.00	0.08		7.20	0.69	0.00	6.82	0.00	0.66	5.70	-0.28	0.12	5.39	0.88	0.81	
J78RVB	6.50	-5.59X		6.60	-4.73X	0.00	6.70	-1.50	0.00	5.63	-0.86	1.24	5.10	-2.02	0.00	
JFVK88	6.91	-0.91	0.39	7.09	-0.33	0.35	6.78	-0.51	0.58	5.51	-1.85	0.33	5.22	-0.81	0.34	
K72YEE	7.06	0.72	0.39	7.13	0.06	0.40	6.80	-0.21	0.69	5.82	0.69	0.43	5.30	0.00	0.34	
KHJELM	6.99	-0.04	0.89	6.82	-2.71	0.48	6.89	0.90	1.16	6.02	2.34	1.76	5.18	-1.18	0.68	
LFBQGG	6.86	-1.51	0.51	7.03	-0.84	0.46	6.75	-0.86	0.46	5.70	-0.30	0.43	5.34	0.40	0.39	
LURJ89	7.18	2.12	0.00	7.24	1.08	0.35	6.94	1.54	0.35	5.83	0.74	0.33	5.27	-0.34	0.30	
M67ZDK	6.91	-0.94	0.68	7.03	-0.81	0.88	6.67	-1.93	0.58	5.23	-4.17X	0.81	5.17	-1.28	0.30	
NMH4CH	7.15	1.81	0.15	7.34	1.93	0.13	6.90	1.07	0.23	5.76	0.19	0.37	5.32	0.24	0.45	
NNEDQT	7.01	0.19	0.26	7.11	-0.09	1.28	6.89	0.94	0.23	5.75	0.14	1.06	5.35	0.47	0.56	
NQK6CE	6.78	-2.46	0.15	6.87	-2.26	0.82	6.74	-0.94	0.58	5.81	0.58	0.12	5.08	-2.23	0.34	
NW8PLL	7.16	1.89	0.68	7.25	1.11	0.13	7.18	4.72X	0.35	6.38	5.30X	0.62	5.55	2.53	0.19	
PN8UY8	6.88	-1.25	0.53	7.06	-0.60	0.27	6.80	-0.26	0.58	5.53	-1.68	0.62	5.43	1.32	0.58	
Q3N624	6.96	-0.42	0.15	7.14	0.15	0.40	6.77	-0.56	0.27	5.57	-1.35	0.33	5.29	-0.07	0.78	
QP2VGJ	7.05	0.64	0.26	6.94	-1.63	0.48	6.77	-0.60	0.23	5.63	-0.88	0.21	5.31	0.10	0.19	
RBUAQY	6.95	-0.55	0.21	7.15	0.25	0.07	6.90	1.02	0.27	5.69	-0.42	0.51	5.34	0.39	0.13	
RJMZY9	7.07	0.87	1.12	7.05	-0.66	1.21	6.79	-0.30	0.35	5.75	0.08	0.54	5.22	-0.84	0.11	
TBE3AN	7.03	0.45	1.48	7.20	0.69	0.00	6.83	0.21	1.33	5.73	-0.03	1.24	5.33	0.34	1.12	
TW8LU7	6.95	-0.49	0.26	7.12	0.00	1.10	6.82	0.00	0.48	5.70	-0.28	0.69	5.40	0.98	6.13	
UB6TN2	7.03	0.38	0.15	7.16	0.36	0.35	6.93	1.41	0.35	5.78	0.39	0.62	5.38	0.84	0.11	
UFZLL3	6.94	-0.58	1.31	7.14	0.17	1.85	6.79	-0.34	2.89	5.69	-0.38	1.58	5.36	0.59	0.93	
VB6CQV	6.99	0.00	0.97	7.10	-0.21	1.86	6.91	1.20	2.53	5.73	-0.06	0.21	5.34	0.40	0.19	
W2V8D6	6.97	-0.23	2.82	7.09	-0.33	0.94	6.84	0.30	1.05	5.71	-0.19	1.92	5.27	-0.30	0.19	
W9FZUB	7.02	0.34	2.86	7.02	-0.96	2.80	6.90	1.07	3.57	5.85	0.94	0.77	5.33	0.34	1.13	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>WLEA94</b>	<b>7.02</b>	0.34	0.30	<b>7.17</b>	0.42	0.23	<b>6.88</b>	0.81	0.23	<b>5.68</b>	-0.47	0.43	<b>5.34</b>	0.37	0.49	
<b>WVPBU6</b>	<b>6.98</b>	-0.11	0.15	<b>7.10</b>	-0.18	0.35	<b>6.81</b>	-0.09	0.23	<b>5.52</b>	-1.77	0.25	<b>5.35</b>	0.54	0.30	
<b>XG3L98</b>	<b>7.10</b>	1.21	0.00	<b>7.20</b>	0.69	0.00	<b>6.90</b>	1.07	0.00	<b>5.90</b>	1.35	0.00	<b>5.40</b>	1.01	0.00	
<b>XRZLKB</b>	<b>6.97</b>	-0.30	2.96	<b>7.13</b>	0.09	3.55	<b>6.93</b>	1.50	3.52	<b>5.77</b>	0.25	2.48	<b>5.20</b>	-1.01	0.00	
<b>Y72BLH</b>	<b>7.07</b>	0.87	0.26	<b>7.12</b>	-0.06	0.13	<b>6.73</b>	-1.07	0.27	<b>5.62</b>	-0.97	0.21	<b>5.22</b>	-0.78	0.22	
<b>YC4RPW</b>	<b>7.10</b>	1.21	0.00	<b>7.10</b>	-0.21	0.00	<b>6.80</b>	-0.21	0.00	<b>5.80</b>	0.52	0.00	<b>5.30</b>	0.00	0.00	
<b>YC7GR9</b>	<b>6.99</b>	-0.09	0.04	<b>6.75</b>	-3.39X	0.02	<b>6.45</b>	-4.73X	0.05	<b>5.60</b>	-1.13	0.03	<b>5.23</b>	-0.70	0.03	
<b>ZFKDXA</b>	<b>7.11</b>	1.36	0.22	<b>7.38</b>	2.30	0.46	<b>7.07</b>	3.22X	0.63	<b>5.65</b>	-0.74	2.47	<b>5.22</b>	-0.81	0.36	
<b>ZM3JW2</b>	<b>7.07</b>	0.87	0.26	<b>7.13</b>	0.06	0.23	<b>6.80</b>	-0.21	0.23	<b>5.83</b>	0.74	0.87	<b>5.32</b>	0.17	0.22	

  

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>Grand Median</b>	6.99			7.12			6.82			5.74			5.30			
<b>Median Abs Dev</b>	0.05			0.05			0.05			0.07			0.06			
<b>Avg Within Lab SD</b>	0.04			0.04			0.04			0.05			0.05			
<b>Labs Included</b>	59			57			56			57			59			
<b>Labs Reporting</b>	60			60			60			61			61			



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
27PVW7	7.07	-0.60	0.80	6.87	-2.41	2.29	7.10	1.07	0.00	6.00	0.48		5.60	1.86	0.00	
2KQ632	7.19	0.21	0.35	7.23	0.22	0.31	6.66	-2.02	0.84	5.43	-1.57	0.56	5.40	-0.12	2.11	
2NQD9W	7.27	0.72	1.15	7.28	0.64	0.46	6.94	-0.08	0.17	5.95	0.29	2.09	5.49	0.73	1.31	
2UZUK7	7.19	0.21	0.42	7.35	1.09	0.61	7.06	0.81	0.52	6.00	0.48	0.74	5.52	1.02	2.32	
2XXDL4	7.18	0.13	0.14	7.17	-0.22	0.48	6.92	-0.19	0.21	5.86	-0.04	0.33	5.38	-0.38	1.06	
63XXV6	7.05	-0.69	0.40	6.96	-1.75	0.09	6.77	-1.23	0.55	5.61	-0.91	1.07	5.19	-2.26	1.12	
8NB6K4	7.07	-0.60	0.08	7.20	0.00	0.09	6.81	-0.98	0.12	5.49	-1.34	0.12	5.40	-0.12	0.16	
99RYT2	7.17	0.04	1.16	7.14	-0.39	1.65	7.01	0.42	1.20	6.04	0.62	0.43	5.44	0.28	0.81	
ACAKXT	7.33	1.07	0.35	7.15	-0.32	0.53	6.97	0.19	0.60	5.99	0.43	1.51	5.45	0.35	1.22	
AN6UJG	7.12	-0.26	0.14	7.17	-0.17	0.38	6.92	-0.16	0.12	5.87	0.00	0.44	5.37	-0.42	0.16	
AQR98R	7.15	-0.04	0.21	7.18	-0.15	0.09	6.88	-0.44	0.52	5.87	0.00	0.25	5.32	-0.92	0.43	
CDTEMT	7.50	2.19	3.65	7.36	1.22	3.15	7.57	4.33X	3.18	7.10	4.44X	2.13	6.36	9.48X	5.30	
FBTF2Q	6.86	-1.91	0.35	6.91	-2.09	0.15	6.66	-2.00	0.91	5.46	-1.46	0.21	5.09	-3.26X	0.28	
GCPCQC	7.09	-0.45	0.00	7.25	0.41	0.62	6.96	0.12	0.24	5.84	-0.10	0.21	5.44	0.22	0.32	
JVAT7P	6.87	-1.89	0.52	6.97	-1.63	0.23	6.57	-2.63	0.21	5.86	-0.01	0.33	5.30	-1.15	0.28	
KHJELM	7.04	-0.79	1.28	7.04	-1.17	1.00	7.05	0.72	1.27	6.46	2.12	1.93	5.48	0.69	0.64	
NL6AWG	6.97	-1.25	1.51	6.78	-3.01X	0.61	6.95	0.00	3.12	6.33	1.68	1.80	5.52	1.08	0.84	
NMH4CH	7.41	1.63	0.21	7.30	0.75	0.00	6.89	-0.37	0.52	5.78	-0.32	0.65	5.38	-0.35	0.48	
NW8PLL	7.16	-0.02	0.08	7.27	0.54	0.15	7.20	1.79	0.32	6.36	1.79	0.44	5.68	2.69	0.16	
PJGFB2	7.20	0.26	1.38	7.20	0.02	1.50	6.87	-0.56	1.20	5.67	-0.72	1.23	5.43	0.18	1.61	
RJMJY9	7.24	0.54	0.21	7.17	-0.19	0.45	6.95	0.00	0.12	5.96	0.32	0.33	5.37	-0.42	0.58	
T9P4PX	7.04	-0.77	0.73	7.16	-0.27	0.79	6.97	0.14	2.41	5.76	-0.38	1.13	5.36	-0.55	1.48	
ULP4ZE	7.23	0.45	0.14	7.30	0.73	0.35	6.97	0.19	0.12	5.90	0.13	0.33	5.45	0.32	0.16	
W2V8D6	7.16	0.02	1.25	7.23	0.22	1.00	6.97	0.16	1.25	6.00	0.47	1.86	5.41	-0.02	0.85	
WVPBU6	7.11	-0.34	0.08	7.21	0.12	0.23	6.90	-0.35	0.12	5.61	-0.92	0.21	5.42	0.02	0.43	
ZM3JW2	7.23	0.43	0.52	7.22	0.15	0.23	6.98	0.23	0.21	5.94	0.25	0.65	5.41	-0.05	0.28	





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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups						Data units: Unit
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110	
<b>Grand Median</b>	7.16	7.20	6.95	5.87	5.42	
<b>Median Abs Dev</b>	0.08	0.05	0.05	0.13	0.04	
<b>Avg Within Lab SD</b>	0.07	0.07	0.05	0.05	0.04	
<b>Labs Included</b>	26	25	25	25	24	
<b>Labs Reporting</b>	26	26	26	26	26	



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pH (1:1) 0.01M CaCl <sub>2</sub> (SubTestCode 118) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>2KQ632</b>	<b>6.55</b>	-1.03	0.53	<b>6.99</b>	0.00	0.50	<b>6.32</b>	-1.27	0.18	<b>4.85</b>	-1.80	1.58	<b>5.10</b>	-0.35	1.01	
<b>44AAZ2</b>	<b>6.60</b>	-0.21	0.35	<b>6.96</b>	-0.31	0.19	<b>6.37</b>	-0.44	0.18	<b>4.93</b>	-0.96	0.18	<b>5.05</b>	-1.15	0.40	
<b>6NDCDW</b>	<b>6.59</b>	-0.31	2.25	<b>6.99</b>	-0.07	1.94	<b>6.43</b>	0.44	1.58	<b>5.02</b>	0.15	2.09	<b>5.13</b>	0.00	2.45	
<b>7NGYQ6</b>	<b>6.63</b>	0.31	2.02	<b>6.90</b>	-0.96	0.00	<b>6.40</b>	0.00	0.00	<b>5.00</b>	-0.11		<b>5.10</b>	-0.40	0.00	
<b>83RZZZ</b>	<b>6.55</b>	-0.98	1.05	<b>6.88</b>	-1.20	1.82	<b>6.42</b>	0.39	0.78	<b>5.10</b>	1.07	1.42	<b>5.13</b>	0.10	1.62	
<b>G3YRLE</b>	<b>7.20</b>	9.04X	0.00	<b>7.53</b>	5.56X	1.91	<b>7.00</b>	9.95X		<b>5.60</b>	6.78X	0.00	<b>5.73</b>	9.12X	2.32	
<b>GCPCQC</b>	<b>6.65</b>	0.51	0.53	<b>7.09</b>	0.96	0.50	<b>6.49</b>	1.49	0.31	<b>5.04</b>	0.31	0.18	<b>5.15</b>	0.30	0.23	
<b>K72YEE</b>	<b>6.79</b>	2.77	0.88	<b>7.03</b>	0.34	0.50	<b>6.41</b>	0.11	0.47	<b>5.01</b>	0.00	0.63	<b>5.14</b>	0.15	0.93	
<b>K9F4CC</b>	<b>6.58</b>	-0.46	0.53	<b>7.00</b>	0.07	0.87	<b>6.39</b>	-0.11	0.71	<b>5.03</b>	0.27	1.10	<b>5.12</b>	-0.05	1.01	
<b>NNEDQT</b>	<b>6.60</b>	-0.21	0.00	<b>6.90</b>	-0.96	0.00	<b>6.37</b>	-0.55	1.78	<b>5.00</b>	-0.11		<b>5.10</b>	-0.40	0.00	
<b>PN8UY8</b>	<b>6.69</b>	1.13	0.53	<b>6.75</b>	-2.47	0.83	<b>6.39</b>	-0.17	0.93	<b>5.12</b>	1.30	0.79	<b>5.32</b>	2.85	1.23	
<b>Q3N624</b>	<b>6.61</b>	0.00	0.81	<b>7.09</b>	0.99	0.33	<b>6.36</b>	-0.72	0.18	<b>4.89</b>	-1.42	0.48	<b>5.03</b>	-1.50	0.46	
<b>UB6TN2</b>	<b>6.70</b>	1.28	0.20	<b>7.07</b>	0.75	0.50	<b>6.51</b>	1.82	0.53	<b>5.04</b>	0.38	0.73	<b>5.15</b>	0.40	0.84	
<b>VB6CQV</b>	<b>6.62</b>	0.05	1.23	<b>7.04</b>	0.45	2.15	<b>6.47</b>	1.16	2.47	<b>5.03</b>	0.19	0.79	<b>5.19</b>	1.00	0.61	
<b>WLEA94</b>	<b>6.65</b>	0.56	0.70	<b>7.04</b>	0.48	0.66	<b>6.45</b>	0.88	0.64	<b>4.94</b>	-0.77	0.65	<b>5.14</b>	0.25	0.61	
<b>WVPBU6</b>	<b>6.59</b>	-0.31	0.20	<b>6.98</b>	-0.10	0.50	<b>6.37</b>	-0.55	0.36	<b>4.90</b>	-1.26	0.00	<b>5.05</b>	-1.20	0.23	

  

pH (1:1) 0.01M CaCl <sub>2</sub> (SubTestCode 118) in the Soil pH & EC Property Groups														Data units: Unit		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	6.61			6.99			6.40			5.01			5.13			
<b>Median Abs Dev</b>	0.03			0.05			0.03			0.03			0.03			
<b>Avg Within Lab SD</b>	0.03			0.03			0.03			0.03			0.02			
<b>Labs Included</b>	15			15			15			15			15			
<b>Labs Reporting</b>	16			16			16			16			16			



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pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>2397W4</b>	<b>6.61</b>	-0.69	0.71	<b>6.79</b>	-2.78	1.57	<b>6.18</b>	-2.97	0.87	<b>4.85</b>	-3.97X	0.72	<b>4.94</b>	-5.43X	0.60	
<b>2KQ632</b>	<b>6.62</b>	-0.56	0.28	<b>7.04</b>	0.11	0.45	<b>6.35</b>	-0.86	0.87	<b>4.92</b>	-1.73	0.83	<b>5.13</b>	0.00	0.60	
<b>8NB6K4</b>	<b>6.73</b>	0.56	0.16	<b>7.03</b>	0.00	0.45	<b>6.41</b>	-0.04	0.00	<b>4.97</b>	-0.41	0.21	<b>5.12</b>	-0.28	0.23	
<b>CAU3RT</b>	<b>6.72</b>	0.43	0.00	<b>7.14</b>	1.22	0.00	<b>6.46</b>	0.56	0.44	<b>5.00</b>	0.51	0.21	<b>5.18</b>	1.38	0.23	
<b>LURJ89</b>	<b>6.68</b>	0.07	0.65	<b>7.13</b>	1.10	0.78	<b>6.46</b>	0.65	1.15	<b>4.98</b>	0.00	0.00	<b>5.17</b>	1.01	0.79	
<b>NMH4CH</b>	<b>6.84</b>	1.63	0.12	<b>7.06</b>	0.25	0.43	<b>6.44</b>	0.38	0.67	<b>5.02</b>	1.19	1.23	<b>5.17</b>	1.10	0.31	
<b>RJMZY9</b>	<b>6.74</b>	0.59	0.71	<b>7.02</b>	-0.15	1.36	<b>6.41</b>	0.00	0.44	<b>4.98</b>	0.00	0.72	<b>5.13</b>	0.00	1.14	
<b>W2V8D6</b>	<b>6.67</b>	-0.07	2.30	<b>6.99</b>	-0.46	1.63	<b>6.39</b>	-0.26	2.18	<b>5.01</b>	0.92	1.30	<b>5.14</b>	0.28	1.14	
<b>XRZLKB</b>	<b>6.47</b>	-2.08	1.62	<b>6.60</b>	-4.94X	15.68	<b>5.70</b>	-9.22X	45.92	<b>4.97</b>	-0.41	2.09	<b>5.07</b>	-1.84	2.27	
<b>ZM3JW2</b>	<b>6.67</b>	-0.07	0.74	<b>7.03</b>	0.00	0.91	<b>6.44</b>	0.34	0.75	<b>4.95</b>	-0.92	0.36	<b>5.13</b>	-0.18	0.23	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	6.68			7.03			6.41			4.98			5.13			
<b>Median Abs Dev</b>	0.06			0.02			0.03			0.02			0.01			
<b>Avg Within Lab SD</b>	0.04			0.01			0.01			0.03			0.03			
<b>Labs Included</b>	10			9			9			9			9			
<b>Labs Reporting</b>	10			10			10			10			10			



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pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups														Data units: Unit			
SRS2106			SRS2107			SRS2108			SRS2109			SRS2110					
WebCode	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		
<b>6MJMA4</b>	<b>6.37</b>		1.24	<b>6.60</b>		0.38	<b>6.12</b>		1.39	<b>4.29</b>		1.11	<b>4.82</b>		1.29		
<b>FZDHZT</b>	<b>6.29</b>		0.69	<b>6.60</b>		1.36	<b>6.10</b>		0.28	<b>4.23</b>		0.87	<b>4.76</b>		0.59		
<b>KXWRYE</b>	<b>6.55</b>			<b>6.75</b>			<b>6.22</b>			<b>4.27</b>			<b>4.84</b>				
pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups														Data units: Unit			
SRS2106			SRS2107			SRS2108			SRS2109			SRS2110					
<b>Grand Median</b>	6.37			6.60			6.12			4.27			4.82				
<b>Median Abs Dev</b>																	
<b>Avg Within Lab SD</b>	0.05			0.02			0.04			0.03			0.03				
<b>Labs Included</b>	3			3			3			3			3				
<b>Labs Reporting</b>	3			3			3			3			3				



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Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>2NQD9W</b>	<b>0.20</b>		1.66	<b>0.59</b>	-0.28	1.54	<b>0.14</b>		1.75	<b>0.05</b>		1.96	<b>0.40</b>		1.87	
<b>4TFRQ3</b>				<b>0.60</b>	0.00	1.17										
<b>ACAKXT</b>	<b>0.21</b>		0.89	<b>0.61</b>	0.88	0.75	<b>0.12</b>		0.57	<b>0.02</b>		0.42	<b>0.43</b>		0.47	
<b>KHJELM</b>	<b>0.22</b>		0.66	<b>0.60</b>	-0.09	0.62	<b>0.13</b>		0.78	<b>0.04</b>		0.00	<b>0.39</b>		0.39	
<b>M67ZDK</b>	<b>0.19</b>		0.00	<b>0.62</b>	2.11	0.54	<b>0.12</b>		0.00	<b>0.02</b>		0.00	<b>0.41</b>		0.39	
Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	0.21			0.60			0.13			0.031			0.40			
<b>Median Abs Dev</b>				0.00												
<b>Avg Within Lab SD</b>	0.01			0.02			0.01			0.004			0.01			
<b>Labs Included</b>	4			5			4			4			4			
<b>Labs Reporting</b>	4			5			4			4			4			



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SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>477JED</b>	<b>7.29</b>	0.09	0.19	<b>7.35</b>	0.00	0.45	<b>7.26</b>	0.09	0.25	<b>6.79</b>	0.08	0.19	<b>6.74</b>	0.12	0.76
<b>CAU3RT</b>	<b>7.28</b>	0.05	0.06	<b>7.37</b>	0.16	0.00	<b>7.25</b>	0.03	0.07	<b>6.77</b>	-0.08	0.19	<b>6.69</b>	-0.31	0.17
<b>FQ9BLT</b>	<b>7.35</b>	0.47	0.17	<b>7.46</b>	1.00	0.20	<b>7.36</b>	1.04	0.14	<b>6.87</b>	0.75	0.34	<b>6.78</b>	0.45	0.13
<b>T9P4PX</b>	<b>7.16</b>	-0.83	0.57	<b>7.23</b>	-1.13	1.69	<b>7.18</b>	-0.65	0.43	<b>6.65</b>	-0.96	1.69	<b>6.58</b>	-1.37	2.08
<b>WLEA94</b>	<b>7.28</b>	0.00	0.34	<b>7.36</b>	0.09	0.94	<b>7.25</b>	0.00	0.12	<b>6.86</b>	0.65	0.67	<b>6.83</b>	0.93	0.44
<b>WVPBU6</b>	<b>7.11</b>	-1.13	0.13	<b>7.19</b>	-1.51	0.45	<b>7.15</b>	-0.90	0.07	<b>6.73</b>	-0.39	0.70	<b>6.71</b>	-0.12	0.17
<b>XRZLKB</b>	<b>6.97</b>	-2.15	2.55	<b>7.27</b>	-0.82	1.69	<b>7.03</b>	-2.01	2.59	<b>6.93</b>	1.22	1.94	<b>6.83</b>	1.00	1.66
<b>YNW8EX</b>										<b>6.61</b>	-1.27	0.51	<b>6.61</b>	-1.09	0.29

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups						Data units: Unit	
	SRS2106		SRS2107		SRS2108	SRS2109	SRS2110
<b>Grand Median</b>	7.28		7.35		7.25	6.78	6.73
<b>Median Abs Dev</b>	0.07		0.09		0.07	0.09	0.07
<b>Avg Within Lab SD</b>	0.09		0.03		0.08	0.03	0.03
<b>Labs Included</b>	7		7		7	8	8
<b>Labs Reporting</b>	7		7		7	8	8



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
28L7UU	7.31	0.36	0.68	7.40	0.62	0.27	7.32	0.91	0.70	6.85	0.85	0.87	6.91	1.12	0.88	
2UX4B3	7.22	-1.01	0.00	7.32	-0.65	0.00	7.23	-0.43	0.27	6.65	-0.97	0.33	6.69	-1.62	0.79	
32BAR7	7.35	0.91	0.23	7.42	0.83	0.27	7.35	1.44	0.00	6.86	0.91	0.68	6.88	0.71	0.66	
4GLFB4	7.18	-1.57	0.82	7.27	-1.41	1.26	7.21	-0.75	0.53	6.72	-0.30	0.38	6.77	-0.71	1.16	
6MJMA4										6.88	1.13	1.43	6.90	0.91	1.80	
89YQ6Q	7.27	-0.25	0.39	7.36	0.01	0.73	7.26	0.00	0.46	6.71	-0.40	0.38	6.82	0.00	0.79	
AN6UJG	7.28	-0.15	0.60	7.35	-0.14	0.27	7.24	-0.32	0.46	6.70	-0.49	0.68	6.81	-0.17	1.01	
BU83NN	7.28	-0.10	0.68	7.35	-0.14	1.20	7.26	0.00	1.22	6.73	-0.24	0.57	6.83	0.12	0.22	
GCPCQC	7.32	0.51	0.79	7.40	0.62	0.73	7.31	0.75	0.27	6.78	0.24	0.68	6.83	0.04	0.22	
HMYA9K	7.31	0.30	0.45	7.36	-0.04	2.52	7.30	0.64	0.00	6.80	0.43	0.19	6.88	0.75	1.10	
J78RVB	7.03	-3.86X	2.27	7.00	-5.54X		7.10	-2.56X	0.00	6.27	-4.48X	1.89	6.50	-4.03X		
JFVK88	7.24	-0.76	0.23	7.33	-0.45	0.27	7.20	-0.96	0.00	6.76	0.00	0.19	6.74	-1.04	0.00	
LURJ89	7.29	0.10	0.60	7.37	0.11	0.48	7.26	0.05	0.27	6.66	-0.91	0.38	6.78	-0.54	0.38	
Q3N624	7.29	0.10	0.45	7.28	-1.31	1.20	7.23	-0.53	1.16	6.77	0.12	0.65	6.84	0.17	2.10	
QP2VGJ	7.00	-4.36X		7.00	-5.54X		7.00	-4.17X		6.68	-0.70	0.33	6.86	0.42	0.58	
RBUAQY	7.32	0.54	0.09	7.39	0.46	0.03	7.29	0.46	0.09	6.75	-0.07	0.32	6.81	-0.22	0.27	
TBE3AN	7.50	3.25X		7.60	3.63X	0.00	7.50	3.85X		6.93	1.61	1.89	6.87	0.54	2.20	
UB6TN2	7.27	-0.30	1.86	7.38	0.22	1.53	7.25	-0.16	2.00	6.79	0.30	0.57	6.73	-1.16	1.32	
UFZLL3	7.30	0.23	0.94	7.38	0.31	0.90	7.26	-0.02	0.78	6.67	-0.82	0.65	6.80	-0.25	1.32	
UVFMF8	7.25	-0.62	0.36	7.36	-0.01	0.28	7.28	0.37	0.07	6.68	-0.67	0.12	6.71	-1.38	0.08	
VB6CQV	7.21	-1.22	3.20	7.23	-2.08	2.14	7.13	-2.08	2.30	6.58	-1.65	1.00	6.74	-1.04	0.76	
W9FZUB	7.37	1.27	1.71	7.45	1.29	0.99	7.32	0.91	2.66	6.87	1.07	3.28	6.96	1.74	0.79	
WLEA94	7.30	0.20	0.39	7.39	0.47	0.73	7.31	0.80	0.46	6.78	0.18	0.19	6.86	0.46	1.01	
WVPBU6	7.22	-1.01	0.68	7.29	-1.11	0.48	7.25	-0.11	0.27	6.83	0.64	0.68	6.81	-0.12	0.22	
XG3L98	7.20	-1.32	0.00	7.30	-0.96	0.00	7.20	-0.96	0.00	6.70	-0.52	0.00	6.80	-0.29	0.00	
ZFKDXA	7.42	1.97	0.32	7.47	1.60	0.30	7.40	2.17	0.71	6.93	1.62	1.65	6.93	1.37	0.20	



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups						Data units: Unit
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110	
<b>Grand Median</b>	7.29	7.36	7.26	6.76	6.82	
<b>Median Abs Dev</b>	0.03	0.04	0.04	0.07	0.04	
<b>Avg Within Lab SD</b>	0.03	0.02	0.02	0.03	0.03	
<b>Labs Included</b>	22	22	22	25	25	
<b>Labs Reporting</b>	25	25	25	26	26	





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Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
														SRS2110				
SRS2106				SRS2107				SRS2108				SRS2109						
WebCode	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	Sample Mean	Z Score	k Score
<b>6MJMA4</b>													<b>6.93</b>	1.02		<b>6.94</b>		0.73
<b>FZDHZT</b>	<b>7.27</b>		1.00	<b>7.32</b>		1.00	<b>7.20</b>		1.00	<b>6.62</b>		0.98	<b>6.72</b>		1.21			
Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
														SRS2110				
SRS2106				SRS2107				SRS2108				SRS2109						
<b>Grand Median</b>	7.27			7.32			7.20			6.78			6.83					
<b>Median Abs Dev</b>	0.05			0.01			0.04			0.05			0.07					
<b>Avg Within Lab SD</b>	0.05			0.01			0.04			0.05			0.07					
<b>Labs Included</b>	1			1			1			2			2					
<b>Labs Reporting</b>	1			1			1			2			2					



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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>99RYT2</b>	<b>7.68</b>	-0.80	0.78	<b>7.67</b>	-0.74	0.41	<b>7.72</b>	-1.05	0.28	<b>7.37</b>	-0.99	0.59	<b>7.38</b>	-1.38	0.91	
<b>BU83NN</b>	<b>7.71</b>	-0.13	0.26	<b>7.74</b>	0.35	0.47	<b>7.74</b>	0.21	0.74	<b>7.41</b>	-0.35	1.18	<b>7.47</b>	0.14	0.53	
<b>DVP2UH</b>	<b>7.68</b>	-0.87	2.04	<b>7.58</b>	-2.03	2.27	<b>7.54</b>	-12.01X	1.21	<b>7.32</b>	-1.58	1.32	<b>7.42</b>	-0.69	0.91	
<b>JFVK88</b>	<b>7.72</b>	0.13	0.26	<b>7.71</b>	-0.10	0.24	<b>7.73</b>	-0.21	0.00	<b>7.46</b>	0.35	0.29	<b>7.45</b>	-0.14	0.30	
<b>VB6CQV</b>	<b>7.77</b>	1.40	0.69	<b>7.77</b>	0.74	0.41	<b>7.73</b>	0.00	1.96	<b>7.46</b>	0.35	0.78	<b>7.53</b>	1.16	1.58	
<b>Y72BLH</b>	<b>7.74</b>	0.72	0.78	<b>7.73</b>	0.10	0.47	<b>7.76</b>	1.90	0.74	<b>7.47</b>	0.44	1.35	<b>7.49</b>	0.54	1.22	

  

Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	7.71			7.72			7.73			7.44			7.46			
<b>Median Abs Dev</b>	0.03			0.04			0.00			0.03			0.04			
<b>Avg Within Lab SD</b>	0.02			0.02			0.02			0.02			0.02			
<b>Labs Included</b>	6			6			5			6			6			
<b>Labs Reporting</b>	6			6			6			6			6			



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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>2QV4DQ</b>	<b>6.97</b>	-0.50	1.18	<b>7.03</b>	-1.03	1.34	<b>6.95</b>	0.07	1.14	<b>6.66</b>	1.15	1.68	<b>6.66</b>	0.24	1.21	
<b>83RZZZ</b>	<b>7.01</b>	0.75	1.64	<b>7.13</b>	0.91	1.61	<b>7.07</b>	2.79	1.92	<b>6.71</b>	1.98	1.54	<b>6.70</b>	0.59	1.58	
<b>GCPCQC</b>	<b>7.00</b>	0.37	0.71	<b>7.12</b>	0.71	0.98	<b>6.92</b>	-0.57	0.84	<b>6.60</b>	0.00	0.64	<b>6.43</b>	-1.83	0.15	
<b>Q3N624</b>	<b>6.96</b>	-1.12	0.97	<b>7.04</b>	-0.84	0.37	<b>6.93</b>	-0.21	0.32	<b>6.61</b>	0.19	0.32	<b>6.66</b>	0.24	0.95	
<b>UB6TN2</b>	<b>6.99</b>	0.00	0.71	<b>7.10</b>	0.32	0.98	<b>6.99</b>	1.07	0.63	<b>6.54</b>	-1.21	0.56	<b>6.45</b>	-1.59	0.40	
<b>VB6CQV</b>	<b>6.99</b>	0.12	0.94	<b>7.08</b>	0.00	0.64	<b>6.94</b>	0.00	0.84	<b>6.59</b>	-0.19	0.98	<b>6.63</b>	0.00	1.33	
<b>WVPBU6</b>	<b>6.94</b>	-1.86	0.27	<b>7.03</b>	-0.91	0.37	<b>6.94</b>	0.00	0.32	<b>6.60</b>	0.00	0.16	<b>6.61</b>	-0.24	0.40	

  

Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	6.99			7.08			6.94			6.60			6.63			
<b>Median Abs Dev</b>	0.01			0.04			0.01			0.01			0.03			
<b>Avg Within Lab SD</b>	0.02			0.02			0.02			0.04			0.04			
<b>Labs Included</b>	7			7			7			7			7			
<b>Labs Reporting</b>	7			7			7			7			7			



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
WebCode	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
<b>6NDCDW</b>	<b>6.49</b>		1.00	<b>6.62</b>		1.00	<b>6.45</b>		1.09	<b>6.15</b>		1.37	<b>6.15</b>		1.35
<b>APVVKY</b>							<b>6.47</b>		0.90	<b>6.20</b>		0.34	<b>6.12</b>		0.42
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	6.49			6.62			6.46			6.18			6.13		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.05			0.04			0.05			0.06			0.06		
<b>Labs Included</b>	1			1			2			2			2		
<b>Labs Reporting</b>	1			1			2			2			2		



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### NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups

Data units: mg/kg

WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
28L7UU	33.5	-0.31	0.07	302.0	-0.26	0.33	29.3	0.51	0.23	1.9	0.51	0.24	178.1	-0.44	0.29
2NQD9W	37.0	0.83	0.29	369.5	1.51	2.23	29.1	0.48	0.91	2.7	1.35	2.69	226.1	1.44	1.58
2QV4DQ	34.7	0.10	0.30	350.1	1.00	0.66	31.0	1.01	0.23	1.9	0.47	0.69	201.2	0.46	0.16
3H2HKX	33.3	-0.37	0.00	264.0	-1.26		26.2	-0.36	0.00	1.4	-0.15	0.00	176.0	-0.52	
477JED	36.2	0.56	1.01	322.8	0.28	0.59	27.5	0.00	0.84	2.6	1.33	1.05	198.0	0.34	0.21
4GLFB4	34.7	0.09	0.13	326.4	0.38	0.25	25.9	-0.44	0.08	1.4	-0.15	0.09	203.8	0.57	0.07
6AGXFN	32.6	-0.60	0.23	260.3	-1.36	0.00	23.9	-1.01	0.40	6.8	6.17X	0.30	195.0	0.22	0.08
6MJMA4	34.2	-0.08	1.08	310.0	-0.05	0.84	28.6	0.32	1.35	1.7	0.23	0.34	179.0	-0.40	1.71
83RZZZ	35.7	0.40	1.51	345.3	0.88	2.62	30.3	0.82	1.89	1.8	0.31	0.87	148.3	-1.60	2.19
89YQ6Q	34.5	0.02	0.36	321.6	0.25	0.75	25.3	-0.62	0.42	1.9	0.51	2.92	189.3	0.00	0.92
99RYT2	34.2	-0.07	0.03	299.7	-0.32	0.39	27.5	0.00	0.22	1.0	-0.58	0.55	188.0	-0.05	0.19
AN6UJG	31.3	-1.00	1.73	312.0	0.00	0.35	31.7	1.20	1.56	0.9	-0.74	1.03	187.3	-0.08	0.22
BU83NN	30.4	-1.32	0.32	267.4	-1.17	1.65	28.1	0.18	0.14	1.2	-0.32	0.83	163.0	-1.03	0.32
CAU3RT	35.4	0.30	0.31	328.3	0.43	0.20	26.5	-0.27	0.16	1.2	-0.40	0.06	201.7	0.48	0.16
CDTEMT	35.3	0.29	0.69	350.0	1.00	1.69	28.3	0.25	0.87	1.4	-0.14	0.37	236.7	1.85	2.16
CL8ZYH	32.9	-0.50	0.10	298.6	-0.35	0.09	28.3	0.24	0.33	1.5	0.00	0.60	172.2	-0.67	0.24
DVP2UH	28.8	-1.82	0.54	279.7	-0.85	1.34	25.9	-0.44	1.98	0.7	-0.90	0.46	173.2	-0.63	0.52
FQ9BLT	36.3	0.60	0.23	323.1	0.29	0.05	27.7	0.07	0.36	1.1	-0.45	0.18	208.2	0.74	0.04
G6L7AN	38.1	1.19					33.7	1.78							
GCPCQC	32.1	-0.77	3.45	147.4	-4.32X	1.70	26.6	-0.26	1.42	1.1	-0.50	0.77	126.2	-2.47	2.62
HADU7L	35.7	0.42	0.27	327.7	0.41	0.23	27.2	-0.08	0.33	1.4	-0.12	0.60	205.7	0.64	0.29
HMYA9K	34.5	0.03	0.56	344.2	0.84	0.98	30.3	0.82	0.50	0.9	-0.73	0.37	186.0	-0.13	0.68
JFVK88	28.3	-1.98	0.35	277.7	-0.90	0.24	29.7	0.63	0.43	2.2	0.78	0.99	154.3	-1.37	0.57
JVAT7P	36.5	0.68	0.35	325.1	0.34	0.33	26.6	-0.25	0.39	2.2	0.81	0.27	211.2	0.86	0.22
K9F4CC	74.1	12.87X	2.86	721.1	10.74X	0.66	56.3	8.23X	0.76	2.6	1.34	0.19	436.7	9.68X	1.15
KXWRYE	32.5	-0.64		315.3	0.09		26.8	-0.18		0.3	-1.37		76.3	-4.42X	



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NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
LURJ89	35.2	0.25	1.30	306.0	-0.16	0.59	22.6	-1.38	1.40				209.0	0.77	1.25
NQK6CE	34.7	0.10	0.20	314.3	0.06	0.11	26.0	-0.43	0.42	1.2	-0.30	0.52	196.0	0.26	0.36
PJGFB2	31.9	-0.82	0.73	282.8	-0.77	2.82	24.2	-0.93	0.53	1.3	-0.23	0.69	192.5	0.12	0.84
Q3N624	31.9	-0.81	0.28	307.0	-0.13	0.49	25.5	-0.57	0.98	2.1	0.66	0.72	191.7	0.09	0.53
RBUAQY	31.9	-0.82	0.17	289.6	-0.59	0.05	26.8	-0.19	0.12	2.2	0.81	0.16	167.8	-0.84	0.10
RHVNCZ	32.5	-0.61	0.08	323.9	0.31	1.41	33.8	1.82	0.37	2.8	1.51	2.36	182.4	-0.27	0.29
TBE3AN	31.7	-0.90	0.17	292.0	-0.53	0.42	24.3	-0.90	0.22	1.8	0.39	0.99	181.2	-0.32	0.25
TW8LU7	39.1	1.51	1.98	376.8	1.70	0.56	34.9	2.13	1.58	1.9	0.47	1.16	219.4	1.18	2.13
UFZLL3	29.9	-1.47	2.60	188.9	-3.23	1.70	21.8	-1.62	2.36	0.8	-0.76	1.35	142.2	-1.84	2.65
VB6CQV	36.6	0.72	0.08	226.3	-2.25	0.08	28.2	0.22	0.21	1.5	-0.04	0.14	178.6	-0.42	0.07
W2V8D6	31.8	-0.85	0.37	291.7	-0.53	0.31	23.0	-1.27	1.11				184.3	-0.20	0.08
WLEA94	35.8	0.44	0.12	335.7	0.62	0.38	26.7	-0.21	0.38	1.4	-0.08	0.53	213.0	0.92	0.57
WVPBU6	31.8	-0.86	0.13	306.8	-0.14	0.03	26.5	-0.28	0.11	1.9	0.50	0.31	174.3	-0.59	0.39
XRZLKB	33.0	-0.48	2.21	325.7	0.36	1.17	23.6	-1.11	2.78	1.8	0.35	0.00	206.0	0.65	0.65
Y72BLH	36.4	0.65	0.50	330.5	0.49	0.43	27.8	0.09	0.64	1.2	-0.31	0.20	211.2	0.85	0.60
YC4RPW	38.0	1.16		339.0	0.71	0.10	35.0	2.15		4.0	2.93		195.3	0.23	0.08
YNW8EX	39.4	1.60	0.28	295.7	-0.43	0.15	31.0	1.01		7.9	7.46X	0.20	205.7	0.64	0.08
ZFKDXA	34.4	0.00	0.33	296.6	-0.40	0.52	29.1	0.48	0.53	3.8	2.75	1.52	177.8	-0.45	0.24

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
Grand Median	34.4			312.0			27.5			1.50			189.3		
Median Abs Dev	1.9			16.3			1.7			0.42			14.5		
Avg Within Lab SD	1.7			10.3			1.3			0.29			7.1		
Labs Included	43			41			43			39			41		
Labs Reporting	44			43			44			41			43		



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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110		
WebCode	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
<b>27PVW7</b>	<b>35.7</b>	-0.53	0.96	<b>340.3</b>	0.13	0.20	<b>29.3</b>	-0.39	0.96	<b>2.0</b>	-0.17		<b>203.0</b>	0.00	
<b>2UX4B3</b>	<b>34.3</b>	-0.84	0.87	<b>331.8</b>	0.00	0.34	<b>26.1</b>	-0.73	0.13	<b>3.2</b>	2.71	1.27	<b>204.0</b>	0.05	0.55
<b>9N78QJ</b>	<b>41.5</b>	0.79	0.21	<b>315.0</b>	-0.26	0.71	<b>36.9</b>	0.42	0.79	<b>6.3</b>	9.87X	1.13	<b>198.8</b>	-0.21	0.33
<b>APVVKY</b>	<b>93.9</b>	12.70X	3.19	<b>413.3</b>	1.27	1.85	<b>54.0</b>	2.25	1.10	<b>2.0</b>	-0.06	0.80	<b>210.2</b>	0.35	1.32
<b>EGQGRK</b>	<b>36.4</b>	-0.37	0.50	<b>309.7</b>	-0.34	0.40	<b>27.5</b>	-0.59	0.65	<b>2.4</b>	0.87	1.31	<b>189.1</b>	-0.69	0.28
<b>W9FZUB</b>	<b>39.7</b>	0.37	1.74	<b>438.3</b>	1.66	1.32	<b>36.2</b>	0.34	1.68	<b>2.1</b>	0.06	0.23	<b>231.7</b>	1.41	1.66
<b>XG3L98</b>	<b>43.0</b>	1.13		<b>264.0</b>	-1.05		<b>33.0</b>	0.00		<b>2.0</b>	-0.17		<b>162.0</b>	-2.02	
NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	38.0			331.8			33.0			2.07			203.0		
<b>Median Abs Dev</b>	2.9			22.1			3.9			0.07			7.2		
<b>Avg Within Lab SD</b>	1.2			15.3			1.2			0.44			6.3		
<b>Labs Included</b>	6			7			7			6			7		
<b>Labs Reporting</b>	7			7			7			7			7		



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS2106				SRS2107				SRS2108				SRS2109				SRS2110		
WebCode	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	Sample Mean	Z Score	k Score
<b>FZCVGU</b>	<b>41.0</b>		0.28	<b>388.6</b>		0.78	<b>31.2</b>		0.54	<b>1.4</b>		1.06	<b>233.0</b>		0.16			
<b>UVFMF8</b>	<b>37.3</b>		1.39	<b>339.6</b>		1.18	<b>29.6</b>		1.31	<b>1.2</b>		0.94	<b>221.3</b>		1.41			
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg					
SRS2106				SRS2107				SRS2108				SRS2109				SRS2110		
<b>Grand Median</b>	39.1			364.1			30.4			1.28			227.1					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.7			3.3			0.4			0.09			3.1					
<b>Labs Included</b>	2			2			2			2			2					
<b>Labs Reporting</b>	2			2			2			2			2					





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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>2QV4DQ</b>	<b>38.8</b>	0.13	0.12	<b>14.9</b>	-0.29	0.16	<b>24.6</b>	0.32	0.10	<b>4.0</b>	-0.01	0.36	<b>40.7</b>	-0.33	0.57	
<b>3H2HKX</b>	<b>32.6</b>	-0.90	0.00	<b>13.5</b>	-0.67		<b>20.1</b>	-0.60	0.00	<b>3.7</b>	-0.25	0.00	<b>38.2</b>	-0.64	0.00	
<b>6AGXFN</b>	<b>36.8</b>	-0.19	0.27	<b>14.2</b>	-0.49	0.43	<b>21.6</b>	-0.30	0.68	<b>4.1</b>	0.08	0.85	<b>39.3</b>	-0.50	0.17	
<b>6MJMA4</b>	<b>33.2</b>	-0.80	2.18	<b>15.9</b>	-0.01	0.91	<b>24.4</b>	0.29	1.06	<b>4.1</b>	0.05	0.85	<b>39.3</b>	-0.50	1.47	
<b>83RZZZ</b>	<b>25.4</b>	-2.10	2.06	<b>12.1</b>	-1.05	0.48	<b>17.5</b>	-1.15	2.23	<b>4.8</b>	0.67	2.21	<b>25.9</b>	-2.21	0.44	
<b>89YQ6Q</b>	<b>48.2</b>	1.70	0.99	<b>23.2</b>	2.00	0.87	<b>30.4</b>	1.52	0.91	<b>9.8</b>	4.87X	0.61	<b>50.7</b>	0.95	1.21	
<b>99RYT2</b>	<b>37.9</b>	-0.01	0.43	<b>16.3</b>	0.09	0.60	<b>22.2</b>	-0.17	0.16	<b>5.7</b>	1.43	0.52	<b>43.2</b>	0.00	0.56	
<b>APVVKY</b>	<b>31.9</b>	-1.01	0.57	<b>13.2</b>	-0.76	0.47	<b>17.7</b>	-1.10	0.35	<b>3.7</b>	-0.26	1.11	<b>30.6</b>	-1.62	0.50	
<b>BU83NN</b>	<b>39.2</b>	0.20	0.81	<b>17.5</b>	0.43	0.33	<b>26.4</b>	0.68	0.04	<b>4.1</b>	0.06	0.13	<b>47.4</b>	0.53	0.60	
<b>CAU3RT</b>	<b>38.6</b>	0.11	0.53	<b>16.2</b>	0.06	0.09	<b>23.2</b>	0.03	0.15	<b>4.0</b>	0.01	0.09	<b>45.2</b>	0.25	0.06	
<b>CDTEMT</b>	<b>39.8</b>	0.30	0.82	<b>17.6</b>	0.46	0.51	<b>24.1</b>	0.23	0.47	<b>4.2</b>	0.19	0.18	<b>46.4</b>	0.40	0.39	
<b>EGQGRK</b>	<b>38.0</b>	0.01	0.76	<b>16.6</b>	0.17	1.73	<b>23.7</b>	0.14	1.65	<b>3.6</b>	-0.37	1.78	<b>43.5</b>	0.03	0.50	
<b>GCPCQC</b>	<b>40.4</b>	0.41	1.87	<b>27.1</b>	3.06X	10.20	<b>27.2</b>	0.85	0.57	<b>5.1</b>	0.90	2.08	<b>52.6</b>	1.20	3.62	
<b>HADU7L</b>	<b>39.7</b>	0.29	0.61	<b>16.7</b>	0.21	0.40	<b>24.6</b>	0.32	0.10	<b>4.5</b>	0.38	0.53	<b>49.2</b>	0.76	0.63	
<b>JFVK88</b>	<b>38.6</b>	0.11	0.59	<b>19.6</b>	0.99	1.66	<b>27.6</b>	0.94	1.34	<b>6.7</b>	2.24	0.32	<b>43.7</b>	0.06	0.69	
<b>JVAT7P</b>	<b>19.0</b>	-3.17	0.11	<b>9.3</b>	-1.84	0.51	<b>11.1</b>	-2.45	0.38	<b>2.3</b>	-1.47	0.94	<b>29.3</b>	-1.78	0.25	
<b>K9F4CC</b>	<b>58.1</b>	3.36X	1.27	<b>23.8</b>	2.16	2.65	<b>33.4</b>	2.12	0.39	<b>5.1</b>	0.95	0.65	<b>65.5</b>	2.84X	0.57	
<b>KXWRYE</b>	<b>18.5</b>	-3.26		<b>6.3</b>	-2.65		<b>12.6</b>	-2.15		<b>1.2</b>	-2.36		<b>24.4</b>	-2.41		
<b>LURJ89</b>	<b>39.1</b>	0.19	1.15	<b>17.7</b>	0.48	1.44	<b>26.4</b>	0.69	0.64	<b>5.2</b>	1.01	1.66	<b>46.2</b>	0.37	0.71	
<b>NQK6CE</b>	<b>39.4</b>	0.24	0.31	<b>16.0</b>	0.01	0.09	<b>24.0</b>	0.19	0.46	<b>3.6</b>	-0.37	0.12	<b>45.2</b>	0.25	0.06	
<b>PJGFB2</b>	<b>31.9</b>	-1.02	0.24	<b>12.4</b>	-0.98	0.48	<b>18.9</b>	-0.86	0.45	<b>2.9</b>	-0.94	0.42	<b>37.0</b>	-0.79	1.13	
<b>Q3N624</b>	<b>31.4</b>	-1.09	1.38	<b>13.8</b>	-0.60	2.24	<b>19.4</b>	-0.74	2.44	<b>3.0</b>	-0.88	1.91	<b>34.4</b>	-1.13	2.22	
<b>RBUAQY</b>	<b>31.6</b>	-1.07	0.07	<b>13.0</b>	-0.80	0.22	<b>21.8</b>	-0.25	0.16	<b>3.2</b>	-0.65	0.00	<b>36.0</b>	-0.93	0.10	
<b>TBE3AN</b>	<b>37.4</b>	-0.09	0.04	<b>13.6</b>	-0.65	0.16	<b>22.3</b>	-0.16	0.17	<b>3.6</b>	-0.39	0.18	<b>43.3</b>	0.00	0.11	
<b>VB6CQV</b>	<b>39.5</b>	0.25	0.33	<b>16.5</b>	0.16	0.11	<b>26.2</b>	0.65	0.12	<b>4.6</b>	0.52	0.10	<b>47.4</b>	0.54	0.08	
<b>WLEA94</b>	<b>38.5</b>	0.08	0.43	<b>15.4</b>	-0.16	0.90	<b>23.0</b>	0.00	0.23	<b>4.9</b>	0.72	0.74	<b>45.4</b>	0.27	0.26	



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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110		
WebCode	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
<b>WVPBU6</b>	<b>33.3</b>	-0.79	0.37	<b>12.1</b>	-1.06	0.53	<b>21.6</b>	-0.30	0.66	<b>3.3</b>	-0.64	0.20	<b>40.0</b>	-0.42	0.23
<b>XRZLKB</b>	<b>37.9</b>	-0.02	2.64	<b>17.2</b>	0.33	1.14	<b>22.2</b>	-0.18	2.90	<b>4.5</b>	0.44	1.79	<b>48.4</b>	0.66	0.61
<b>Y72BLH</b>	<b>36.2</b>	-0.30	0.09	<b>16.4</b>	0.12	0.16	<b>21.4</b>	-0.34	0.25	<b>3.0</b>	-0.83	0.24	<b>41.7</b>	-0.20	0.03
<b>YC4RPW</b>	<b>39.0</b>	0.17		<b>16.0</b>	0.01		<b>27.7</b>	0.95	0.57	<b>4.0</b>	-0.01		<b>46.0</b>	0.35	
<b>YNW8EX</b>	<b>39.3</b>	0.23	0.44	<b>14.0</b>	-0.54		<b>22.0</b>	-0.21	0.99	<b>2.6</b>	-1.16	0.53	<b>42.0</b>	-0.16	1.11

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	38.0			16.0			23.0			4.01			43.2		
<b>Median Abs Dev</b>	1.6			1.8			1.7			0.68			3.9		
<b>Avg Within Lab SD</b>	1.3			0.6			1.0			0.48			1.8		
<b>Labs Included</b>	30			30			31			30			30		
<b>Labs Reporting</b>	31			31			31			31			31		



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Amino Nitrogen (SubTestCode 132) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg				
SRS2106				SRS2107				SRS2108				SRS2109			SRS2110		
WebCode	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		
<b>UFZLL3</b>	<b>35.6</b>		1.00	<b>15.9</b>		1.00	<b>23.6</b>		1.00	<b>3.9</b>		1.00	<b>38.5</b>		1.00		

Amino Nitrogen (SubTestCode 132) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg				
SRS2106				SRS2107				SRS2108				SRS2109			SRS2110		
<b>Grand Median</b>	35.6			15.9			23.6			3.92			38.5				
<b>Median Abs Dev</b>																	
<b>Avg Within Lab SD</b>	2.2			0.8			1.4			0.53			2.6				
<b>Labs Included</b>	1			1			1			1			1				
<b>Labs Reporting</b>	1			1			1			1			1				



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
28L7UU	63.0	0.12	0.75	22.0	0.84		90.7	0.18	1.30	5.0	0.68		69.0	0.07	0.49
2QV4DQ	66.7	0.58	0.43	23.0	1.37		92.0	0.29	0.85	4.7	0.45	1.82	73.0	0.52	0.49
2UX4B3	64.4	0.29	0.33	19.7	-0.36	0.80	72.6	-1.34	0.40	3.8	-0.14	0.11	68.4	0.00	0.29
44AAZ2	63.5	0.18	0.37	20.9	0.25	0.12	94.2	0.48	0.10	3.4	-0.38	0.11	68.6	0.02	0.12
4GLFB4	67.5	0.68	0.22	23.2	1.48	0.27	89.0	0.04	0.41	5.1	0.75	0.51	76.4	0.90	0.06
4TFRQ3							78.3	-0.86	0.67						
6MJMA4	66.5	0.57	0.80	23.0	1.37	1.21	103.7	1.27	2.74	3.2	-0.52	2.67	74.8	0.71	3.04
7NGYQ6	66.6	0.58	0.85	19.6	-0.44	0.38	96.6	0.68	1.24	5.2	0.84	0.30	65.2	-0.36	1.58
83RZZZ	54.3	-0.97	2.64	18.0	-1.26	1.16	70.7	-1.50	2.19	5.7	1.15	1.13	60.7	-0.86	1.71
8E3UVP	60.8	-0.15	1.08	20.7	0.14	0.34	84.0	-0.38		3.5	-0.34		64.2	-0.47	0.86
AN6UJG	62.0	0.00	2.25	18.3	-1.08	1.34	93.3	0.40	1.07	5.7	1.13	1.82	70.0	0.18	1.46
BU83NN	71.0	1.12	1.99	20.3	-0.04	1.36	99.7	0.94	0.64	3.0	-0.71	0.40	76.3	0.88	0.59
GCPCQC	52.3	-1.22	0.65	14.4	-3.17X	0.41	80.9	-0.64	1.22	1.5	-1.66	0.60	60.2	-0.91	1.14
HMYA9K	60.0	-0.26		20.0	-0.21		84.7	-0.32	0.89	5.0	0.68		65.0	-0.38	0.49
J78RVB	57.1	-0.62	0.47	18.5	-0.99	2.91	83.7	-0.40	0.12	2.4	-1.06	0.36	58.3	-1.13	1.51
JFVK88	73.0	1.38	0.75	19.7	-0.38	0.67	93.0	0.37	0.43	3.0	-0.68		67.3	-0.12	1.23
K72YEE	62.0	0.00	0.37	20.7	0.16	0.40	86.0	-0.21	0.94	3.6	-0.24	0.29	72.7	0.48	0.67
NNEDQT	53.3	-1.09	1.15	20.0	-0.21	1.16	52.7	-3.01X	1.37	6.2	1.47	0.91	52.3	-1.79	0.28
PN8UY8	52.1	-1.25	0.40	20.5	0.04	0.32	65.9	-1.89	0.93	6.0	1.35	0.29	52.6	-1.75	0.39
Q3N624	60.6	-0.18	0.60	19.6	-0.43	0.68	88.5	0.00	1.02	3.5	-0.34	0.63	70.8	0.27	0.38
RBUAQY	63.9	0.23	0.64	20.5	0.03	0.38	98.2	0.81	0.35	1.6	-1.66	1.01	71.0	0.29	0.46
T9P4PX	53.6	-1.06	1.13	20.3	-0.03	1.12	81.3	-0.61	0.81	4.9	0.58	1.17	61.2	-0.80	0.73
UB6TN2	49.6	-1.56	0.27	18.6	-0.96	0.36	77.7	-0.91	0.43	3.8	-0.14	0.54	59.8	-0.96	0.10
WLEA94	54.0	-1.01		18.0	-1.26		78.7	-0.83	0.89	4.0	0.00		60.3	-0.90	0.56
WVPBU6	66.2	0.52	0.26	22.3	1.00	1.07	96.6	0.68	0.35	5.4	0.97	0.80	73.5	0.57	0.28
XG3L98	58.7	-0.42	0.43	21.7	0.67	0.67	82.7	-0.49	0.25	4.0	0.00		62.7	-0.64	0.28



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110			
WebCode	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	
<b>Y72BLH</b>	<b>69.9</b>	0.98	0.31	<b>21.5</b>	0.60	0.18	<b>94.8</b>	0.52	0.32	<b>4.0</b>	0.00	0.31	<b>79.3</b>	1.21	0.82	
<b>ZFKDXA</b>	<b>71.4</b>	1.18	0.31	<b>24.1</b>	1.93	0.64	<b>102.5</b>	1.17	0.16	<b>3.5</b>	-0.32	0.36	<b>78.0</b>	1.07	0.71	
PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	62.0			20.4			88.5			4.00			68.4			
<b>Median Abs Dev</b>	4.6			1.0			7.3			1.00			5.7			
<b>Avg Within Lab SD</b>	1.3			0.9			2.3			0.32			2.0			
<b>Labs Included</b>	27			26			27			27			27			
<b>Labs Reporting</b>	27			27			28			27			27			



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>477JED</b>	<b>56.2</b>	0.03	0.72	<b>14.7</b>	0.09	0.03	<b>71.9</b>	-0.22	0.47	<b>3.7</b>	0.54	0.82	<b>49.9</b>	-0.29	0.51	
<b>63XXV6</b>	<b>61.4</b>	0.66	0.01	<b>14.3</b>	-0.09	0.04	<b>86.0</b>	0.98	0.09	<b>2.4</b>	-0.54	0.29	<b>72.9</b>	1.70	0.08	
<b>AA32EZ</b>	<b>53.6</b>	-0.29	0.25	<b>15.1</b>	0.28	0.34	<b>60.9</b>	-1.15	0.37	<b>2.7</b>	-0.24	0.28	<b>52.9</b>	-0.04	0.35	
<b>KXWRYE</b>	<b>35.0</b>	-2.56		<b>12.0</b>	-1.25		<b>61.0</b>	-1.14		<b>2.0</b>	-0.84		<b>40.0</b>	-1.15		
<b>PJGFB2</b>	<b>55.7</b>	-0.03	0.51	<b>18.0</b>	1.74	0.31	<b>77.0</b>	0.22	0.98	<b>5.1</b>	1.65	1.29	<b>53.7</b>	0.04	0.39	
<b>XRZLKB</b>	<b>59.8</b>	0.47	2.04	<b>13.3</b>	-0.59	2.19	<b>78.4</b>	0.34	1.92	<b>3.3</b>	0.24	1.59	<b>63.0</b>	0.84	2.11	

  

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	56.0			14.5			74.4			3.04			53.3			
<b>Median Abs Dev</b>	3.1			0.9			7.8			0.67			6.5			
<b>Avg Within Lab SD</b>	4.1			3.2			4.5			0.32			5.3			
<b>Labs Included</b>	6			6			6			6			6			
<b>Labs Reporting</b>	6			6			6			6			6			



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
28L7UU	29.8	-0.89	0.28	11.2	-0.82	0.35	41.5	-0.17	0.16	6.1	0.00	0.15	35.7	-0.60	0.27	
2QV4DQ	35.0	0.09	0.15	13.3	0.03	0.36	43.0	0.11		6.3	0.19	0.49	39.0	-0.09	0.15	
2XXDL4	40.7	1.16	0.62	15.3	0.82	0.72	44.0	0.29	0.53	7.3	1.03	0.98	42.0	0.37	0.31	
477JED	29.0	-1.04	0.12	11.4	-0.74	0.77	34.2	-1.56	0.15	5.7	-0.33	0.08	33.6	-0.93	0.25	
4GLFB4	24.8	-1.83	0.03	8.0	-2.08	0.11	31.8	-2.01	0.04	4.7	-1.19	0.03	32.8	-1.05	0.09	
4PGFU3	40.7	1.16	0.17	15.3	0.82	0.72	45.3	0.55	0.15	6.0	-0.08	1.69	36.7	-0.45	0.18	
4TFRQ3	25.0	-1.80	0.13													
63XXV6	36.1	0.31	0.05	13.7	0.15	0.08	43.4	0.19	0.05	5.3	-0.64	0.04	43.1	0.53	0.09	
6AGXFN	26.6	-1.50	0.01	13.7	0.18	0.09	29.4	-2.47	0.04	9.2	2.59	0.24	30.9	-1.34	0.07	
6MJMA4	36.5	0.37	0.18	14.0	0.30	1.20	51.0	1.63	0.44	6.5	0.33	0.39	47.3	1.19	0.30	
89YQ6Q	34.7	0.03	0.09	10.7	-1.03	0.72	42.0	-0.08		6.0	-0.08		41.3	0.27	0.09	
9N78QJ	36.3	0.33	0.16	13.3	0.00	0.19	39.1	-0.64	0.07	5.7	-0.30	0.21	37.2	-0.37	0.15	
AA32EZ	35.9	0.26	0.25	14.4	0.46	0.82	45.5	0.59	0.24	4.6	-1.22	0.15	43.4	0.58	0.03	
AN6UJG	34.3	-0.03	0.23	14.0	0.29	0.62	44.7	0.42	0.08	7.3	1.02	0.49	42.0	0.37	0.15	
CDTEMT	32.0	-0.47	0.93	12.0	-0.50		37.7	-0.91	0.08	5.9	-0.19	0.05	39.7	0.01	0.24	
CL8ZYH	36.8	0.44	0.05	11.4	-0.75	0.24	39.9	-0.47	0.26	5.3	-0.69	0.05	35.2	-0.68	0.06	
EGQGRK	44.6	1.90	0.29	23.2	3.95X	0.61	46.3	0.74	0.27	20.1	11.59X	0.56	45.8	0.95	0.33	
FQ9BLT	37.1	0.48	0.24	13.9	0.24	0.96	44.2	0.33	0.53	6.2	0.05	0.47	40.7	0.17	0.12	
FZCVGU	36.9	0.46	0.14	11.5	-0.70	0.89	32.4	-1.91	0.13				23.8	-2.44	0.19	
G6L7AN	32.8	-0.32		11.3	-0.78		40.4	-0.39		4.0	-1.74		33.7	-0.91		
GCPCQC	25.4	-1.71	1.17	10.3	-1.18	1.78	42.4	0.00	0.83	6.4	0.26	3.10	30.2	-1.45	0.97	
HADU7L	34.3	-0.03	0.09	13.0	-0.11		41.3	-0.21	0.08	6.0	-0.08		41.7	0.32	0.09	
HMYA9K	29.7	-0.91	0.09	11.0	-0.90		36.3	-1.16	0.20	6.0	-0.08		34.0	-0.86	0.15	
JFVK88	32.7	-0.35	0.09	12.7	-0.24	0.36	40.7	-0.34	0.08	6.7	0.47	0.49	34.3	-0.81	0.09	
JVAT7P	37.6	0.59	0.04	14.1	0.31	0.23	44.5	0.40	0.03	5.3	-0.67	0.04	46.4	1.05	0.10	
KHJELM	81.5	8.86X	0.09	31.3	7.16X	0.55	75.6	6.29X	0.31	12.7	5.47X	0.89	60.0	3.16X	0.33	



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
L4XLAK	13.6	-3.94X	0.06	5.6	-3.06X	0.13	15.6	-5.10X	0.06	1.7	-3.63X	0.15	9.8	-4.61X	0.08
M67ZDK	44.6	1.90	0.16	18.3	1.98	0.54	49.6	1.36	0.03	6.3	0.17	0.11	47.4	1.21	0.06
PJGFB2	33.3	-0.22	0.62	15.7	0.95	0.95	39.3	-0.59	0.56	7.8	1.44	1.71	36.7	-0.45	0.24
Q3N624	34.1	-0.08	0.68	13.6	0.15	0.59	45.4	0.56	0.75	5.9	-0.20	1.03	39.5	-0.01	0.81
RBUAQY	31.6	-0.54	0.16	12.1	-0.48	0.07	44.3	0.36	0.04	7.4	1.05	0.63	39.0	-0.09	0.08
RHVNCZ	37.3	0.53	0.13	14.4	0.45	0.23	51.0	1.63	0.12	7.7	1.32	0.35	45.5	0.91	0.27
T9P4PX	13.2	-4.02X	1.44	10.3	-1.19	0.47	24.8	-3.34X	0.26	5.9	-0.14	0.55	27.4	-1.89	0.10
TW8LU7	38.6	0.77	5.67	18.2	1.97	4.28	43.1	0.12	5.53	7.4	1.08	3.20	39.9	0.04	5.71
UVFMF8	34.2	-0.06	0.08	14.1	0.35	0.08	44.0	0.30	0.12	7.2	0.94	0.05	41.0	0.22	0.09
W2V8D6	33.0	-0.28	0.44	11.5	-0.69	0.65	38.2	-0.80	0.45	5.4	-0.58	0.30	36.3	-0.50	0.44
WLEA94	34.0	-0.09		14.0	0.29		44.7	0.42	0.08	8.0	1.58		41.0	0.22	
WVPBU6	30.8	-0.69	0.05	12.4	-0.34	0.22	42.3	-0.03	0.05	6.8	0.58	0.22	38.3	-0.21	0.06
XG3L98	40.0	1.04	0.15	13.7	0.16	0.36	49.0	1.25		7.0	0.75		47.0	1.14	
XRZLKB	40.7	1.16	1.24	18.7	2.14	1.44	42.3	-0.02	0.69	11.0	4.07X	4.70	42.3	0.42	0.85
Y72BLH	35.5	0.18	0.05	12.5	-0.30	0.19	43.9	0.28	0.07	4.9	-0.97	0.27	43.1	0.55	0.18
YNW8EX	34.7	0.03	0.09	13.0	-0.11		42.0	-0.08		6.0	-0.08		40.0	0.06	
ZFKDXA	29.7	-0.90	0.05	9.9	-1.34	0.16	37.5	-0.94	0.07	7.1	0.83	0.15	31.6	-1.24	0.12

  

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
Grand Median	34.5			13.3			42.4			6.10			39.6		
Median Abs Dev	2.5			1.2			2.2			0.70			3.5		
Avg Within Lab SD	6.7			1.6			7.5			1.18			6.5		
Labs Included	40			39			39			37			40		
Labs Reporting	43			42			42			41			42		





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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110		
WebCode	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
<b>XRZLKB</b>	<b>17.40</b>		1.41	<b>10.10</b>		1.36	<b>29.90</b>		1.41	<b>2.03</b>		1.41	<b>7.77</b>		1.41
<b>Y72BLH</b>	<b>16.33</b>		0.06	<b>8.77</b>		0.38	<b>32.27</b>		0.06	<b>0.30</b>		0.00	<b>7.73</b>		0.10
PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	16.9			9.43			31.1			1.17			7.75		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	1.0			1.54			8.0			1.14			2.48		
<b>Labs Included</b>	2			2			2			2			2		
<b>Labs Reporting</b>	2			2			2			2			2		



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PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110		
WebCode	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
<b>CDTEMT</b>	<b>57.3</b>		0.76	<b>17.7</b>		0.90	<b>75.0</b>		0.73	<b>3.5</b>		1.00	<b>63.0</b>		1.35
<b>W2V8D6</b>	<b>53.2</b>		1.19	<b>14.2</b>		1.09	<b>68.5</b>		1.21				<b>56.7</b>		0.43
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	55.3			15.9			71.8			3.50			59.9		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	1.5			0.6			2.4			0.30			1.5		
<b>Labs Included</b>	2			2			2			1			2		
<b>Labs Reporting</b>	2			2			2			1			2		



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>2QV4DQ</b>	<b>175.0</b>	-0.15	1.03	<b>57.0</b>	0.12	0.44	<b>113.3</b>	-0.62	0.11	<b>14.3</b>	0.55	0.53	<b>166.7</b>	-0.28	0.08
<b>6MJMA4</b>	<b>195.3</b>	0.35	1.80	<b>65.3</b>	1.65	1.58	<b>139.7</b>	0.85	2.30	<b>12.8</b>	0.01	0.57	<b>186.3</b>	0.23	2.00
<b>GCPCQC</b>	<b>164.9</b>	-0.40	1.84	<b>54.0</b>	-0.44	1.58	<b>114.5</b>	-0.56	1.49	<b>12.8</b>	-0.01	2.69	<b>174.2</b>	-0.08	1.78
<b>HMYA9K</b>	<b>175.0</b>	-0.15	0.63	<b>60.7</b>	0.80	0.51	<b>119.0</b>	-0.31	0.34	<b>16.7</b>	1.39	0.27	<b>175.0</b>	-0.06	0.66
<b>KXWRYE</b>	<b>99.0</b>	-2.01		<b>55.0</b>	-0.26		<b>97.0</b>	-1.54		<b>7.0</b>	-2.08		<b>89.0</b>	-2.29	
<b>Q3N624</b>	<b>208.0</b>	0.66	0.88	<b>58.2</b>	0.34	1.69	<b>130.0</b>	0.31	0.52	<b>13.7</b>	0.33	0.03	<b>201.3</b>	0.62	1.10
<b>RBUAQY</b>	<b>191.3</b>	0.25	0.14	<b>64.3</b>	1.47	0.29	<b>131.7</b>	0.40	0.05	<b>12.6</b>	-0.07	0.07	<b>188.8</b>	0.30	0.42
<b>WLEA94</b>	<b>137.0</b>	-1.08	0.13	<b>52.0</b>	-0.81	0.44	<b>107.0</b>	-0.98		<b>9.0</b>	-1.37		<b>133.7</b>	-1.13	0.08
<b>WVPBU6</b>	<b>187.2</b>	0.15	0.27	<b>55.7</b>	-0.12	0.41	<b>137.3</b>	0.72	0.23	<b>12.9</b>	0.02	0.10	<b>179.6</b>	0.06	0.17
<b>Y72BLH</b>	<b>245.1</b>	1.56	0.17	<b>52.4</b>	-0.74	0.48	<b>132.9</b>	0.47	0.25	<b>10.3</b>	-0.91	0.28	<b>242.4</b>	1.69	0.09

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	181.1			56.4			124.5			12.8			177.3		
<b>Median Abs Dev</b>	15.2			3.2			10.6			1.2			11.1		
<b>Avg Within Lab SD</b>	8.0			2.3			5.1			2.2			7.6		
<b>Labs Included</b>	10			10			10			10			10		
<b>Labs Reporting</b>	10			10			10			10			10		



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg	
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
28L7UU	13.0	-0.76	0.59	10.5	-0.52	0.65	16.0	-0.30	0.67	5.4	0.27	0.54	13.0	-0.78	0.03	
2QV4DQ	18.7	0.53	1.62	15.3	1.18	1.01	19.0	0.45	1.19	6.3	0.67	0.97	17.0	0.40	1.46	
477JED	16.9	0.14	0.86	14.5	0.89	1.90	15.1	-0.54	1.56	1.6	-1.45	0.48	16.3	0.21	1.14	
4GLFB4	18.7	0.55	0.04	12.1	0.05	0.26	17.9	0.17	0.38	1.6	-1.41	0.16	18.4	0.82	0.11	
6AGXFN	11.2	-1.15	0.22	8.6	-1.17	0.18	11.2	-1.53	0.29	6.2	0.62	0.20	12.5	-0.94	0.06	
83RZZZ	10.1	-1.41	1.69	6.7	-1.83	1.06	11.8	-1.37	0.78	4.8	-0.01	0.77	8.6	-2.07	0.81	
CDTEMT	19.7	0.76	1.62	12.3	0.13	1.01	19.0	0.45	1.19	1.7	-1.39	0.17	18.7	0.90	1.69	
DVP2UH	17.5	0.26	0.36	11.6	-0.13	0.43	17.2	0.00	0.93	4.8	0.01	0.54	15.8	0.06	1.28	
HADU7L	12.7	-0.82	0.81	6.3	-1.97	1.01	16.7	-0.14	0.69	4.0	-0.36		15.7	0.01	0.84	
HMYA9K	18.5	0.50	0.98	13.3	0.48	1.24	20.1	0.74	0.99	2.9	-0.85	0.03	18.2	0.77	1.13	
JFVK88	21.3	1.14	0.81	13.3	0.48	1.01	22.3	1.30	0.69	4.7	-0.07	0.97	19.3	1.09	0.84	
Q3N624	16.7	0.08	2.14	11.7	-0.10	1.01	17.7	0.12	1.82	7.7	1.27	1.93	15.0	-0.19	1.46	
RBUAQY	14.6	-0.39	0.04	11.8	-0.04	0.70	15.5	-0.44	0.39	5.0	0.10	0.17	15.3	-0.09	0.48	
TBE3AN	15.9	-0.08	0.43	13.7	0.62	0.26	18.9	0.42	0.48	4.7	-0.06	0.28	15.4	-0.06	1.11	
UFZLL3	14.0	-0.51	0.91	12.3	0.12	0.96	14.5	-0.70	0.44	5.3	0.20	0.54	12.8	-0.84	0.82	
W2V8D6	19.5	0.71	0.32	12.0	0.00	0.27	18.0	0.20	0.90				18.8	0.95	0.42	
WVPBU6	14.6	-0.39	0.23	11.4	-0.21	0.45	16.3	-0.24	0.76	6.8	0.87	1.39	15.6	-0.01	1.13	
XG3L98	7.7	-1.95	0.81	9.0	-1.04		8.0	-2.34		2.0	-1.26		9.0	-1.96		
XRZLKB	27.0	2.42X	2.42	17.3	1.88	2.03	22.7	1.38	1.82	7.7	1.27	2.56	26.7	3.26X	0.84	

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg	
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
Grand Median	16.3			12.0			17.2			4.82			15.6			
Median Abs Dev	2.4			1.4			1.8			1.46			2.6			
Avg Within Lab SD	0.7			0.6			0.8			0.60			0.7			
Labs Included	18			19			19			18			18			
Labs Reporting	19			19			19			18			19			



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### K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
28L7UU	414.7	-0.15	0.85	129.3	-0.19	0.46	320.3	-0.88	2.36	44.3	0.11	0.42	537.3	-0.37	1.13
2QV4DQ	417.7	-0.07	0.11	124.0	-0.66	0.80	359.0	0.59	2.47	57.0	2.24	1.25	546.0	-0.24	0.61
2UX4B3	442.8	0.63	1.24	118.9	-1.11	0.38	332.1	-0.43	1.18	36.6	-1.19	3.71	652.6	1.36	0.55
32BAR7	400.0	-0.56	0.27	121.1	-0.92	0.10	306.5	-1.41	0.40	39.0	-0.78	1.06	562.7	0.01	0.66
44AAZ2	401.5	-0.52	0.04	94.6	-3.24X	0.08	279.8	-2.43	0.02	46.3	0.44	0.11	487.4	-1.12	0.01
477JED	449.3	0.81	0.37	137.7	0.54	0.51	337.0	-0.24	0.54	42.7	-0.17	0.42	623.7	0.92	0.63
4GLFB4	442.1	0.61	0.53	142.3	0.95	0.16	343.4	0.00	0.47	43.2	-0.07	0.10	613.6	0.77	0.05
63XXV6	429.1	0.25	0.63	115.4	-1.41	1.22	325.9	-0.67	0.98	35.9	-1.30	0.63	616.8	0.82	1.19
6AGXFN	346.9	-2.05	0.65	134.5	0.26	0.16	636.8	11.18X	0.41	143.9	16.81X	1.04	229.0	-4.99X	0.16
6MJMA4	458.0	1.06	3.84	141.0	0.84	2.68	394.3	1.94	1.37	46.7	0.50	1.18	601.3	0.59	1.68
7NGYQ6	406.9	-0.37	0.79	132.3	0.07	0.23	345.0	0.06	0.48	46.8	0.52	0.49	521.0	-0.61	1.14
83RZZZ	419.0	-0.03	0.37	140.3	0.78	0.68	384.0	1.55	1.75	43.7	0.01	1.04	569.3	0.11	1.30
9N78QJ	447.3	0.76	0.35	143.7	1.07	0.71	365.0	0.82	0.76	51.0	1.23	0.95	624.7	0.94	0.59
AA32EZ	438.5	0.51	0.40	125.0	-0.57	0.44	337.5	-0.23	0.39	34.0	-1.63	0.09	612.5	0.76	0.51
AN6UJG	384.7	-0.99	0.37	104.7	-2.36	0.89	330.0	-0.51	0.26	37.0	-1.12	0.95	499.7	-0.94	0.35
CDTEMT	420.0	0.00	1.60	130.0	-0.13	2.21	316.7	-1.02	1.13	40.0	-0.61	0.36	576.7	0.22	1.07
CL8ZYH	398.1	-0.62	0.29	112.3	-1.69	0.18	318.6	-0.95	0.29	33.2	-1.75	0.20	495.5	-1.00	0.50
EGQGRK	410.3	-0.27	1.48	126.7	-0.42	0.46	303.3	-1.53	1.19	43.0	-0.11	0.36	506.0	-0.84	1.31
FQ9BLT	482.0	1.73	0.28	145.3	1.22	0.61	369.5	0.99	0.74	41.2	-0.41	0.75	660.9	1.48	0.28
FZCVGU	426.5	0.18	0.17	134.9	0.30	0.37	325.1	-0.70	0.36	49.9	1.05	0.37	575.0	0.19	0.25
FZDHZT	468.0	1.34	0.36	140.4	0.78	0.00	374.4	1.18	0.38	44.2	0.09	0.81	640.9	1.18	0.32
G6L7AN	437.0	0.47		136.0	0.40		340.0	-0.13		44.0	0.06				
GCPCQC	457.1	1.03	1.22	139.3	0.68	1.34	395.5	1.98	2.59	50.3	1.12	2.13	577.1	0.23	2.34
HMYA9K	394.7	-0.71	1.02	143.0	1.01	1.96	334.7	-0.33	0.41	57.7	2.35	0.90	529.0	-0.50	1.71
JFVK88	435.7	0.43	0.37	138.7	0.63	0.46	372.7	1.12	0.20	43.0	-0.11		561.3	-0.01	0.41
JVAT7P	456.6	1.02	0.61	136.2	0.41	0.28	355.6	0.47	0.47	39.5	-0.69	0.02	636.4	1.12	0.53



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>K72YEE</b>	<b>400.3</b>	-0.55	0.36	<b>118.3</b>	-1.16	0.73	<b>337.3</b>	-0.23	1.51	<b>36.9</b>	-1.14	1.03	<b>501.0</b>	-0.91	1.18	
<b>KHJELM</b>	<b>391.8</b>	-0.79	0.17	<b>110.2</b>	-1.87	0.05	<b>288.5</b>	-2.09	0.38	<b>23.9</b>	-3.31X	0.05	<b>499.2</b>	-0.94	0.13	
<b>KXWRYE</b>	<b>412.0</b>	-0.23		<b>135.0</b>	0.31		<b>325.0</b>	-0.70		<b>31.0</b>	-2.12		<b>517.0</b>	-0.68		
<b>NNEDQT</b>	<b>402.7</b>	-0.49	0.34	<b>124.3</b>	-0.63	0.65	<b>348.6</b>	0.20	1.46	<b>44.0</b>	0.05	0.33	<b>518.3</b>	-0.66	0.88	
<b>PJGFB2</b>	<b>419.0</b>	-0.03	0.49	<b>129.3</b>	-0.19	1.77	<b>330.7</b>	-0.49	0.25	<b>43.3</b>	-0.06	0.55	<b>565.7</b>	0.05	1.95	
<b>PN8UY8</b>	<b>402.8</b>	-0.48	1.17	<b>128.5</b>	-0.26	1.09	<b>343.8</b>	0.02	0.77	<b>46.1</b>	0.40	0.87	<b>518.9</b>	-0.65	0.27	
<b>Q3N624</b>	<b>370.7</b>	-1.38	1.66	<b>130.3</b>	-0.10	2.32	<b>347.0</b>	0.14	0.74	<b>47.7</b>	0.67	1.98	<b>510.3</b>	-0.78	1.54	
<b>RBUAQY</b>	<b>420.3</b>	0.00	0.51	<b>139.3</b>	0.69	0.13	<b>357.0</b>	0.52	0.17	<b>47.3</b>	0.61	0.55	<b>532.0</b>	-0.45	0.12	
<b>RHVNCZ</b>	<b>422.7</b>	0.07	1.39	<b>128.3</b>	-0.28	1.29	<b>358.0</b>	0.56	1.63	<b>42.0</b>	-0.27	0.61	<b>557.3</b>	-0.07	2.58	
<b>T9P4PX</b>	<b>360.0</b>	-1.68	1.31	<b>121.3</b>	-0.89	0.78	<b>330.7</b>	-0.49	0.37	<b>45.7</b>	0.34	0.42	<b>530.3</b>	-0.48	0.63	
<b>TW8LU7</b>	<b>450.7</b>	0.85	1.11	<b>138.3</b>	0.60	1.44	<b>334.0</b>	-0.36	0.58	<b>45.0</b>	0.22	1.65	<b>618.7</b>	0.85	0.67	
<b>UB6TN2</b>	<b>368.7</b>	-1.44	0.35	<b>130.7</b>	-0.07	0.78	<b>314.7</b>	-1.10	0.44	<b>48.8</b>	0.86	0.42	<b>475.7</b>	-1.30	0.41	
<b>UVFMF8</b>	<b>450.2</b>	0.84	0.30	<b>128.7</b>	-0.25	0.24	<b>345.1</b>	0.06	0.08	<b>41.4</b>	-0.38	0.26	<b>600.0</b>	0.57	0.50	
<b>W2V8D6</b>	<b>433.3</b>	0.37	0.53				<b>350.0</b>	0.25	0.97				<b>616.7</b>	0.82	0.41	
<b>WLEA94</b>	<b>439.7</b>	0.54	0.47	<b>125.5</b>	-0.53	0.26	<b>344.0</b>	0.02	0.42	<b>43.7</b>	0.00	0.24	<b>552.7</b>	-0.14	0.67	
<b>WVPBU6</b>	<b>369.0</b>	-1.43	0.25	<b>133.5</b>	0.18	0.28	<b>349.2</b>	0.22	0.19	<b>43.2</b>	-0.07	0.48	<b>519.9</b>	-0.63	0.59	
<b>XG3L98</b>	<b>425.3</b>	0.14	0.23	<b>134.0</b>	0.22	0.22	<b>343.0</b>	-0.02		<b>50.7</b>	1.17	0.21	<b>564.3</b>	0.03	0.04	
<b>XRZLKB</b>	<b>470.7</b>	1.41	2.26	<b>143.7</b>	1.07	1.47	<b>351.0</b>	0.29	0.52	<b>42.7</b>	-0.17	0.75	<b>657.7</b>	1.43	1.56	
<b>YNW8EX</b>	<b>448.7</b>	0.80	0.11	<b>134.3</b>	0.25	0.26	<b>346.7</b>	0.12	0.15	<b>40.3</b>	-0.56	0.42	<b>628.7</b>	1.00	0.29	
<b>ZFKDXA</b>	<b>409.5</b>	-0.30	0.79	<b>123.4</b>	-0.71	0.56	<b>352.0</b>	0.33	0.11	<b>45.2</b>	0.26	0.46	<b>500.7</b>	-0.92	0.46	

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	420.2			131.5			343.4			43.7			562.0			
<b>Median Abs Dev</b>	20.0			7.0			12.7			3.0			47.7			
<b>Avg Within Lab SD</b>	10.8			4.5			10.3			2.8			14.3			
<b>Labs Included</b>	46			44			45			43			44			
<b>Labs Reporting</b>	46			45			46			45			45			



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
28L7UU	1,468.2	-0.46	0.14	2,564.8	-0.10	0.45	1,698.9	0.06	0.66	1,309.9	-0.73	0.67	1,413.8	-0.95	0.38	
2QV4DQ	1,297.7	-1.58	0.14	2,283.3	-1.73	0.06	1,623.3	-0.33	0.98	1,229.0	-1.38	0.19	1,390.0	-1.14	1.75	
2UX4B3	1,538.1	0.00	0.53	2,676.3	0.55	0.36	1,648.8	-0.20	0.41	1,442.4	0.34	0.58	1,607.8	0.57	0.37	
32BAR7	1,603.7	0.43	0.48	2,612.0	0.18	0.28	1,746.7	0.31	0.69	1,508.0	0.87	0.71	1,678.7	1.12	0.43	
477JED	1,454.3	-0.55	0.66	2,553.3	-0.16	0.70	1,609.7	-0.40	0.69	1,313.7	-0.70	0.73	1,536.3	0.01	0.81	
4GLFB4	1,551.5	0.09	0.49	2,574.2	-0.04	0.14	1,576.1	-0.58	0.20	1,399.1	-0.01	0.04	1,556.1	0.17	0.02	
63XXV6	1,337.7	-1.31	0.40	2,264.1	-1.84	0.04	1,331.7	-1.84	0.31	1,206.7	-1.56	0.55	1,510.7	-0.19	0.13	
6AGXFN	1,553.6	0.10	1.06	2,598.1	0.10	0.25	1,628.6	-0.30	0.05	1,398.5	-0.01	0.24	1,550.2	0.12	0.38	
6MJMA4	1,539.3	0.01	2.89	2,686.7	0.61	1.37	1,892.7	1.06	0.32	1,431.7	0.25	3.54	1,562.7	0.22	1.76	
7NGYQ6	1,443.1	-0.62	0.40	2,552.0	-0.17	1.25	1,540.9	-0.76	0.13	1,394.6	-0.05	0.73	1,373.9	-1.26	0.71	
83RZZZ	1,570.7	0.21	2.07	2,567.7	-0.08	1.35	1,802.7	0.60	1.61	1,259.7	-1.13	0.97	1,605.0	0.55	2.40	
9N78QJ	1,669.7	0.86	1.50	2,609.7	0.16	0.46	1,596.3	-0.47	0.20	1,315.0	-0.69	0.24	1,533.7	-0.01	0.87	
AA32EZ	1,586.4	0.32	0.07	2,626.6	0.26	0.21	1,593.8	-0.48	0.36	1,331.3	-0.55	0.37	1,549.3	0.11	0.08	
AN6UJG	1,306.7	-1.52	0.32	2,081.7	-2.89X	0.35	1,495.7	-0.99	0.55	1,241.3	-1.28	0.92	1,259.7	-2.16	0.55	
CDTEMT	1,500.0	-0.25	1.98	2,500.0	-0.47	2.91	1,500.0	-0.97	1.71	1,433.3	0.27	1.31	1,466.7	-0.54	1.16	
CL8ZYH	1,474.3	-0.42	0.20	2,533.0	-0.28	0.02	1,755.3	0.35	0.24	1,440.3	0.32	0.12	1,487.7	-0.37	0.83	
EGQGRK	1,622.0	0.55	0.92	2,792.3	1.22	0.69	1,732.7	0.24	0.47	1,574.0	1.40	1.01	1,627.0	0.72	1.14	
FQ9BLT	1,653.0	0.75	0.16	2,709.8	0.74	0.62	1,687.2	0.00	1.47	1,386.6	-0.11	0.52	1,604.2	0.54	0.15	
FZCVGU	1,671.3	0.87	1.10	2,645.7	0.37	1.08	1,617.7	-0.36	1.28	1,454.7	0.44	1.17	1,600.0	0.51	1.51	
FZDHZT	1,853.3	2.06	0.76	3,206.7	3.62X	0.34	2,020.0	1.72	0.34	1,458.0	0.46	0.61	1,858.0	2.53X	0.55	
GCPCQC	1,529.3	-0.06	1.27	2,638.7	0.33	0.42	1,904.7	1.13	3.37	1,420.7	0.16	1.33	1,498.0	-0.29	0.47	
HADU7L	1,573.3	0.23	1.00	2,566.7	-0.09	0.25	1,620.0	-0.35		1,346.7	-0.43	0.52	1,580.0	0.35	0.40	
HMYA9K	1,513.0	-0.16	0.77	2,581.7	0.00	0.51	1,830.0	0.74	0.85	1,463.0	0.50	1.09	1,514.3	-0.16	0.11	
JFVK88	1,560.7	0.15	0.19	2,679.3	0.57	0.36	1,862.7	0.91	0.04	1,404.3	0.03	0.38	1,507.7	-0.21	0.40	
JVAT7P	1,705.9	1.10	0.57	2,713.0	0.76	0.26	1,694.5	0.04	0.58	1,476.5	0.61	0.45	1,679.5	1.13	0.59	
K72YEE	1,483.9	-0.36	0.77	2,430.9	-0.87	0.91	1,644.2	-0.22	0.38	1,340.1	-0.48	1.56	1,376.4	-1.24	0.52	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>KHJELM</b>	<b>1,536.1</b>	-0.01	0.24	<b>2,628.0</b>	0.27	0.28	<b>1,489.8</b>	-1.02	0.40	<b>1,217.1</b>	-1.47	0.06	<b>1,414.1</b>	-0.95	0.23	
<b>KXWRYE</b>	<b>1,287.0</b>	-1.64		<b>2,437.0</b>	-0.84		<b>1,552.0</b>	-0.70		<b>976.0</b>	-3.41X		<b>1,388.0</b>	-1.15		
<b>NNEDQT</b>	<b>1,522.6</b>	-0.10	0.61	<b>2,573.5</b>	-0.05	0.24	<b>1,745.4</b>	0.30	0.64	<b>1,571.0</b>	1.37	0.21	<b>1,502.1</b>	-0.26	0.43	
<b>PJGFB2</b>	<b>1,255.0</b>	-1.85	0.28	<b>2,279.3</b>	-1.75	0.36	<b>1,564.3</b>	-0.64	0.38	<b>1,215.3</b>	-1.49	0.22	<b>1,396.0</b>	-1.09	0.72	
<b>PN8UY8</b>	<b>1,484.1</b>	-0.35	1.04	<b>2,462.8</b>	-0.69	0.44	<b>1,557.0</b>	-0.67	0.58	<b>1,451.6</b>	0.41	0.51	<b>1,481.6</b>	-0.42	0.56	
<b>Q3N624</b>	<b>1,475.7</b>	-0.41	2.28	<b>2,555.3</b>	-0.15	1.43	<b>1,790.7</b>	0.54	0.84	<b>1,401.3</b>	0.01	0.66	<b>1,483.3</b>	-0.40	0.91	
<b>RBUAQY</b>	<b>1,715.7</b>	1.16	0.25	<b>2,721.7</b>	0.81	0.08	<b>1,992.0</b>	1.58	0.05	<b>1,594.3</b>	1.56	1.52	<b>1,563.7</b>	0.22	0.52	
<b>RHVNCZ</b>	<b>1,753.3</b>	1.41	2.23	<b>2,906.7</b>	1.88	2.17	<b>2,010.0</b>	1.67	2.57	<b>1,650.0</b>	2.01	2.38	<b>1,700.0</b>	1.29	3.49	
<b>T9P4PX</b>	<b>1,276.3</b>	-1.71	0.16	<b>2,232.0</b>	-2.02	0.56	<b>1,583.7</b>	-0.54	0.09	<b>1,251.0</b>	-1.20	0.71	<b>1,329.7</b>	-1.61	0.61	
<b>TW8LU7</b>	<b>1,387.3</b>	-0.99	0.60	<b>2,522.0</b>	-0.35	1.07	<b>1,589.0</b>	-0.51	1.49	<b>1,313.0</b>	-0.70	1.31	<b>1,529.0</b>	-0.05	1.80	
<b>UB6TN2</b>	<b>1,573.7</b>	0.23	0.17	<b>2,760.0</b>	1.03	0.10	<b>1,938.3</b>	1.30	0.17	<b>1,472.3</b>	0.58	0.24	<b>1,635.7</b>	0.79	0.25	
<b>UVFMF8</b>	<b>1,561.2</b>	0.15	0.13	<b>2,389.6</b>	-1.11	0.06	<b>1,537.3</b>	-0.78	0.05	<b>1,397.8</b>	-0.02	0.20	<b>1,569.2</b>	0.27	0.17	
<b>W2V8D6</b>	<b>1,680.0</b>	0.93	1.55	<b>2,826.7</b>	1.42	3.62	<b>1,850.0</b>	0.84	2.49	<b>1,463.3</b>	0.51	1.07	<b>1,756.7</b>	1.74	0.95	
<b>WLEA94</b>	<b>1,467.7</b>	-0.46	0.36	<b>2,580.7</b>	-0.01	0.18	<b>1,747.7</b>	0.31	0.17	<b>1,369.0</b>	-0.25	0.16	<b>1,490.7</b>	-0.35	0.30	
<b>WVPBU6</b>	<b>1,474.4</b>	-0.42	0.63	<b>2,758.0</b>	1.02	0.19	<b>1,879.0</b>	0.99	0.34	<b>1,397.0</b>	-0.03	0.29	<b>1,544.0</b>	0.07	0.38	
<b>XG3L98</b>	<b>1,732.0</b>	1.27	0.11	<b>2,732.0</b>	0.87	0.09	<b>2,105.7</b>	2.17	0.22	<b>1,637.0</b>	1.90	0.15	<b>1,600.0</b>	0.51	0.23	
<b>XRZLKB</b>	<b>1,666.7</b>	0.84	0.61	<b>2,746.7</b>	0.95	1.21	<b>1,700.0</b>	0.07	0.59	<b>1,433.3</b>	0.27	1.83	<b>1,693.3</b>	1.24	1.29	
<b>YNW8EX</b>	<b>1,654.3</b>	0.76	0.09	<b>2,688.7</b>	0.62	0.06	<b>1,690.7</b>	0.02	0.13	<b>1,438.7</b>	0.31	0.19	<b>1,677.0</b>	1.11	0.46	
<b>ZFKDXA</b>	<b>1,443.1</b>	-0.62	0.01	<b>2,321.2</b>	-1.51	0.23	<b>1,628.6</b>	-0.30	0.32	<b>1,297.0</b>	-0.83	0.40	<b>1,339.1</b>	-1.53	0.56	

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	1,538.1			2,581.7			1,687.2			1,400.2			1,535.0			
<b>Median Abs Dev</b>	70.5			97.7			103.5			62.9			66.7			
<b>Avg Within Lab SD</b>	50.4			90.9			58.3			44.2			49.7			
<b>Labs Included</b>	45			43			45			44			44			
<b>Labs Reporting</b>	45			45			45			45			45			





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### Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
28L7UU	220.4	-0.21	0.32	573.7	0.03	0.30	340.4	0.07	0.38	386.6	-0.60	0.54	219.7	-0.86	0.08
2QV4DQ	222.0	-0.13	0.43	477.0	-1.73	0.22	316.0	-0.64	0.73	279.3	-3.49X	0.40	219.7	-0.86	0.36
2UX4B3	236.2	0.64	0.49	587.3	0.28	0.13	334.1	-0.11	0.33	425.2	0.44	0.19	264.7	0.75	0.21
32BAR7	223.0	-0.07	0.91	570.9	-0.02	0.14	344.4	0.19	0.79	408.8	0.00	0.49	263.9	0.73	0.82
477JED	221.0	-0.18	0.59	553.3	-0.34	0.75	313.0	-0.73	0.85	340.3	-1.85	0.90	229.0	-0.53	0.76
4GLFB4	230.3	0.32	0.49	612.6	0.74	0.05	325.3	-0.37	0.15	407.5	-0.03	0.35	250.4	0.24	0.16
63XXV6	220.6	-0.20	1.30	517.7	-0.99	0.46	240.5	-2.83X	0.20	436.2	0.74	0.53	233.6	-0.36	0.31
6AGXFN	213.7	-0.57	1.57	515.4	-1.03	0.38	293.4	-1.29	0.18	383.2	-0.69	0.07	227.1	-0.59	0.30
6MJMA4	240.7	0.88	1.95	649.0	1.41	1.80	394.7	1.65	1.68	429.0	0.55	2.74	256.3	0.45	1.05
7NGYQ6	232.3	0.43	0.44	572.0	0.00	0.67	354.6	0.48	0.62	396.0	-0.35	0.90	234.5	-0.33	0.67
83RZZZ	222.0	-0.13	0.98	569.0	-0.05	0.78	352.7	0.43	1.35	344.3	-1.74	0.83	253.7	0.36	2.63
9N78QJ	224.3	0.00	1.31	537.0	-0.64	0.53	301.3	-1.06	0.43	335.3	-1.98	1.22	228.7	-0.54	0.44
AA32EZ	239.3	0.80	0.16	609.9	0.69	0.55	335.5	-0.07	0.29	439.9	0.84	0.28	260.1	0.59	0.05
AN6UJG	199.3	-1.34	0.57	490.0	-1.50	0.42	310.0	-0.81	0.68	378.7	-0.81	0.83	208.3	-1.27	0.51
CDTEMT	210.0	-0.77		620.0	0.88	1.12	290.0	-1.39		396.7	-0.33	1.34	230.0	-0.49	
CL8ZYH	198.3	-1.39	0.34	524.2	-0.87	0.09	310.8	-0.79	0.30	405.7	-0.08	0.04	211.4	-1.16	0.07
EGQGRK	274.3	2.68X	2.81	615.3	0.79	2.01	378.7	1.18	1.45	419.7	0.29	1.66	284.0	1.44	3.04
FQ9BLT	254.7	1.63	0.22	653.0	1.48	0.35	365.6	0.80	0.71	451.6	1.15	0.28	275.7	1.15	0.16
FZCVGU	214.9	-0.51	1.65	549.3	-0.41	1.74	300.3	-1.10	1.70	386.7	-0.60	1.49	231.7	-0.43	2.48
FZDHZT	244.0	1.05	0.45	700.0	2.34	0.35	359.2	0.62	0.14	444.4	0.96	1.22	260.4	0.60	0.00
GCPCQC	241.8	0.93	1.27	606.1	0.62	0.49	395.4	1.67	3.58	419.6	0.29	0.74	245.4	0.06	0.93
HADU7L	234.7	0.55	0.53	567.0	-0.09	0.52	321.3	-0.48	0.32	386.7	-0.60	0.05	250.7	0.25	0.36
HMYA9K	222.3	-0.11	0.74	577.7	0.10	1.69	361.7	0.69	0.87	434.3	0.69	1.80	259.0	0.55	0.57
JFVK88	248.0	1.27	0.43	625.3	0.97	0.33	390.3	1.52	0.33	415.0	0.17	0.40	249.3	0.20	0.40
JVAT7P	236.0	0.62	0.72	607.7	0.65	0.14	334.6	-0.10	0.80	446.8	1.02	0.35	257.0	0.48	0.70
K72YEE	222.0	-0.12	0.45	567.2	-0.09	0.95	344.8	0.20	1.08	396.0	-0.34	2.07	217.8	-0.93	0.61



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>KHJELM</b>	<b>217.1</b>	-0.39	0.09	<b>565.4</b>	-0.12	0.10	<b>303.9</b>	-0.99	0.50	<b>402.5</b>	-0.17	0.31	<b>219.2</b>	-0.88	0.63
<b>KXWRYE</b>	<b>200.0</b>	-1.30		<b>569.0</b>	-0.05		<b>311.0</b>	-0.78		<b>315.0</b>	-2.53		<b>232.0</b>	-0.42	
<b>NNEDQT</b>	<b>240.9</b>	0.89	0.89	<b>543.2</b>	-0.52	0.47	<b>353.1</b>	0.44	0.41	<b>419.7</b>	0.29	0.71	<b>230.4</b>	-0.47	1.17
<b>PJGFB2</b>	<b>202.0</b>	-1.20	0.43	<b>474.7</b>	-1.78	0.23	<b>300.7</b>	-1.08	0.78	<b>280.3</b>	-3.47X	0.13	<b>206.7</b>	-1.32	0.64
<b>PN8UY8</b>	<b>244.7</b>	1.09	1.97	<b>529.2</b>	-0.78	0.24	<b>348.4</b>	0.30	0.07	<b>403.5</b>	-0.14	0.74	<b>248.7</b>	0.18	0.52
<b>Q3N624</b>	<b>194.0</b>	-1.63	1.02	<b>521.3</b>	-0.92	1.16	<b>322.3</b>	-0.45	0.33	<b>409.3</b>	0.01	0.68	<b>214.3</b>	-1.05	0.51
<b>RBUAQY</b>	<b>200.0</b>	-1.30	0.49	<b>529.5</b>	-0.78	0.26	<b>318.5</b>	-0.56	0.15	<b>375.1</b>	-0.91	0.18	<b>198.2</b>	-1.63	0.29
<b>RHVNCZ</b>	<b>229.7</b>	0.29	1.75	<b>607.0</b>	0.64	2.16	<b>373.3</b>	1.03	2.24	<b>450.7</b>	1.13	1.73	<b>243.7</b>	0.00	2.36
<b>T9P4PX</b>	<b>212.0</b>	-0.66	2.95	<b>637.0</b>	1.19	0.36	<b>385.3</b>	1.38	0.94	<b>423.7</b>	0.40	0.58	<b>267.0</b>	0.84	1.00
<b>TW8LU7</b>	<b>250.0</b>	1.38	0.75	<b>589.3</b>	0.32	0.74	<b>341.3</b>	0.10	0.74	<b>348.7</b>	-1.62	1.02	<b>258.3</b>	0.53	0.75
<b>UB6TN2</b>	<b>234.3</b>	0.54	0.53	<b>619.0</b>	0.86	0.11	<b>378.3</b>	1.17	0.42	<b>416.0</b>	0.19	0.63	<b>249.0</b>	0.19	0.55
<b>UVFMF8</b>	<b>226.2</b>	0.10	0.93	<b>582.0</b>	0.18	0.39	<b>303.6</b>	-1.00	0.79	<b>420.7</b>	0.32	0.31	<b>250.3</b>	0.24	0.60
<b>W2V8D6</b>	<b>222.7</b>	-0.09	0.57	<b>577.0</b>	0.09	3.71	<b>330.0</b>	-0.23	1.70	<b>414.0</b>	0.14	1.22	<b>248.3</b>	0.17	0.64
<b>WLEA94</b>	<b>225.3</b>	0.05	0.25	<b>578.7</b>	0.12	0.25	<b>349.7</b>	0.34	0.12	<b>428.3</b>	0.53	0.05	<b>223.7</b>	-0.72	0.26
<b>WVPBU6</b>	<b>201.8</b>	-1.21	0.20	<b>571.4</b>	-0.01	0.82	<b>332.9</b>	-0.15	0.49	<b>363.9</b>	-1.21	0.38	<b>210.8</b>	-1.18	0.25
<b>XG3L98</b>	<b>177.3</b>	-2.52X	0.34	<b>478.0</b>	-1.71	0.65	<b>329.0</b>	-0.26	0.58	<b>360.0</b>	-1.32	0.46	<b>193.3</b>	-1.80	0.59
<b>XRZLKB</b>	<b>246.0</b>	1.16	1.13	<b>616.7</b>	0.82	1.59	<b>343.0</b>	0.15	0.72	<b>423.7</b>	0.40	1.88	<b>270.0</b>	0.94	1.73
<b>YNW8EX</b>	<b>239.3</b>	0.80	0.09	<b>606.0</b>	0.62	0.13	<b>341.0</b>	0.09	0.27	<b>426.7</b>	0.48	0.35	<b>260.0</b>	0.58	0.13
<b>ZFKDXA</b>	<b>225.6</b>	0.07	0.28	<b>567.4</b>	-0.08	0.42	<b>363.0</b>	0.73	0.60	<b>407.4</b>	-0.04	0.44	<b>214.8</b>	-1.03	0.45

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	224.3			572.0			338.0			408.8			243.7		
<b>Median Abs Dev</b>	11.6			35.0			21.6			19.5			16.3		
<b>Avg Within Lab SD</b>	6.1			15.4			9.6			11.4			8.0		
<b>Labs Included</b>	43			45			44			43			45		
<b>Labs Reporting</b>	45			45			45			45			45		



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
28L7UU	30.1	-0.97	0.40	6.3	-1.30	1.41	14.1	-0.91	1.27	10.9	-1.51	0.64	14.3	-1.29	1.68	
2QV4DQ	35.3	-0.13	1.03	3.3	-1.93X	0.41	13.3	-1.06	1.71	15.3	-0.70	1.56	16.3	-0.94	1.13	
32BAR7	41.5	0.86	0.51	16.9	0.99	0.79	30.3	1.93	1.90	30.0	1.99	0.59	32.2	1.76	1.77	
477JED	37.0	0.14	0.86	15.7	0.71	2.15	19.7	0.06	0.95	18.0	-0.21	0.67	24.0	0.36	2.21	
4GLFB4	44.7	1.37	0.20	19.4	1.51	0.12	25.2	1.02	0.15	24.7	1.01	0.15	31.1	1.56	0.13	
63XXV6	31.4	-0.77	0.55	8.6	-0.79	0.14	15.0	-0.77	0.83	16.6	-0.47	0.37	19.4	-0.42	0.61	
6AGXFN	42.9	1.09	0.58	14.1	0.38	0.47	21.2	0.32	0.15	22.9	0.68	0.43	25.0	0.52	0.14	
6MJMA4	34.1	-0.34	1.28	7.7	-0.99	0.49	16.2	-0.55	1.33	17.5	-0.30	1.15	17.9	-0.68	0.35	
7NGYQ6	35.1	-0.17	0.28	12.1	-0.05	0.11	19.9	0.10	0.23	19.5	0.07	0.52	21.4	-0.09	0.40	
83RZZZ	40.0	0.62	0.67	12.3	0.00	1.28	24.3	0.86	0.49	15.7	-0.63	1.01	21.2	-0.12	1.16	
9N78QJ	34.7	-0.24	1.74	11.7	-0.14	0.41	18.7	-0.12	1.89	17.0	-0.39	0.67	20.3	-0.26	1.13	
AA32EZ	38.8	0.43	0.75	10.9	-0.30	0.33	19.4	0.02	0.26	20.4	0.24	0.13	26.7	0.82	0.15	
AN6UJG	33.0	-0.51		9.3	-0.64	0.41	18.0	-0.24		19.0	-0.03	0.67	19.7	-0.38	0.43	
CDTEMT	36.7	0.08	0.57	11.7	-0.14	1.08	18.7	-0.12	0.95	20.0	0.16	1.17	23.8	0.33	1.07	
CL8ZYH	24.6	-1.86	2.43	11.8	-0.10	0.60	5.7	-2.40	1.11	15.5	-0.67	2.00	20.7	-0.20	0.37	
EGQGRK	43.7	1.21	0.57	19.3	1.50	1.47	25.0	0.99	2.46	27.3	1.50	1.70	30.3	1.44	1.86	
FQ9BLT	33.9	-0.37	0.43	6.0	-1.36	0.95	13.6	-1.01	0.52	12.6	-1.21	1.09	17.8	-0.69	0.65	
FZCVGU	34.1	-0.33	0.65	9.8	-0.54	0.84	15.2	-0.74	0.62	17.9	-0.23	0.93	22.0	0.02	1.93	
FZDHZT	36.8	0.10	0.00	9.2	-0.67	0.00	16.1	-0.57	0.00	16.1	-0.56	0.00	20.7	-0.20	0.00	
GCPCQC	40.2	0.66	0.77	15.5	0.67	1.67	24.8	0.96	1.80	23.7	0.84	1.70	26.4	0.77	1.33	
HADU7L	36.3	0.02	0.80	17.6	1.14	0.93	17.6	-0.30	1.09	16.2	-0.55	0.84	19.9	-0.33	0.98	
HMYA9K	35.2	-0.16	0.07	13.5	0.24	0.40	19.3	-0.02	0.62	20.1	0.18	0.54	21.8	-0.02	0.14	
JFVK88	45.0	1.43	0.99	17.7	1.14	0.41	26.0	1.17	0.82	24.7	1.01	0.39	28.7	1.15	0.43	
JVAT7P	25.4	-1.74	0.65	1.9	-2.23	0.37	5.9	-2.37	0.83	7.2	-2.19	0.44	11.4	-1.79	1.13	
KHJELM	28.6	-1.22	0.88	8.3	-0.87	0.22	18.3	-0.18	0.14	10.2	-1.64	0.36	16.8	-0.87	0.50	
KXWRYE	39.0	0.46		14.0	0.36		22.0	0.47		21.0	0.34		27.0	0.87		



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>NNEDQT</b>	<b>35.2</b>	-0.15	0.43	<b>10.9</b>	-0.32	0.17	<b>18.5</b>	-0.15	0.15	<b>19.3</b>	0.03	0.26	<b>19.6</b>	-0.39	0.08
<b>PJGFB2</b>	<b>33.0</b>	-0.51	2.16	<b>12.6</b>	0.06	2.27	<b>22.0</b>	0.47	1.39	<b>16.4</b>	-0.50	1.38	<b>15.9</b>	-1.01	1.09
<b>PN8UY8</b>	<b>34.1</b>	-0.33	0.75	<b>10.7</b>	-0.34	0.28	<b>19.8</b>	0.08	0.16	<b>18.1</b>	-0.20	0.33	<b>20.3</b>	-0.27	0.51
<b>Q3N624</b>	<b>34.0</b>	-0.35	0.50	<b>12.7</b>	0.07	2.15	<b>17.7</b>	-0.30	0.95	<b>18.0</b>	-0.21	1.17	<b>18.7</b>	-0.55	0.43
<b>RBUAQY</b>	<b>40.1</b>	0.63	0.36	<b>14.5</b>	0.47	0.15	<b>24.3</b>	0.88	0.05	<b>22.6</b>	0.64	0.86	<b>24.5</b>	0.44	0.34
<b>RHVNCZ</b>	<b>32.2</b>	-0.63	0.72	<b>9.3</b>	-0.65	1.68	<b>16.0</b>	-0.59	0.05	<b>17.3</b>	-0.34	0.24	<b>19.4</b>	-0.42	1.77
<b>T9P4PX</b>	<b>29.7</b>	-1.05	0.76	<b>14.3</b>	0.43	0.41	<b>20.7</b>	0.23	0.95	<b>22.3</b>	0.59	0.39	<b>29.3</b>	1.27	1.13
<b>TW8LU7</b>	<b>42.0</b>	0.94	2.16	<b>16.7</b>	0.93	1.47	<b>23.0</b>	0.64	1.42	<b>24.7</b>	1.01	3.33	<b>27.0</b>	0.87	1.28
<b>UVFMF8</b>	<b>41.7</b>	0.90	0.27	<b>9.7</b>	-0.56	0.28	<b>15.2</b>	-0.72	0.28	<b>24.7</b>	1.02	0.41	<b>24.2</b>	0.40	0.16
<b>WLEA94</b>	<b>38.4</b>	0.37	0.08	<b>12.4</b>	0.02	0.09	<b>19.7</b>	0.06	0.14	<b>21.0</b>	0.33	0.35	<b>22.0</b>	0.02	0.22
<b>WVPBU6</b>	<b>41.8</b>	0.91	0.22	<b>15.2</b>	0.62	0.29	<b>25.5</b>	1.08	0.23	<b>21.2</b>	0.37	0.14	<b>25.7</b>	0.65	0.20
<b>XRZLKB</b>	<b>46.8</b>	1.71	2.38	<b>17.6</b>	1.14	1.87	<b>24.5</b>	0.91	1.09	<b>23.8</b>	0.85	0.90	<b>29.9</b>	1.36	0.00
<b>YNW8EX</b>	<b>36.0</b>	-0.02		<b>9.3</b>	-0.64	0.23	<b>18.0</b>	-0.23	0.29	<b>17.9</b>	-0.24	0.38	<b>23.5</b>	0.27	1.43
<b>ZFKDXA</b>	<b>43.5</b>	1.19	0.62	<b>18.3</b>	1.28	0.07	<b>27.3</b>	1.40	0.49	<b>26.4</b>	1.34	0.32	<b>28.7</b>	1.15	0.34

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	36.2			12.3			19.4			19.1			21.9		
<b>Median Abs Dev</b>	3.5			3.0			3.3			3.0			3.2		
<b>Avg Within Lab SD</b>	2.0			1.4			1.2			1.5			1.4		
<b>Labs Included</b>	40			39			40			40			40		
<b>Labs Reporting</b>	40			40			40			40			40		



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110		
WebCode	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
<b>4GLFB4</b>	<b>388.6</b>		1.37	<b>110.5</b>		0.70	<b>292.3</b>		1.17	<b>33.9</b>		0.16	<b>528.5</b>		0.62
<b>J78RVB</b>	<b>347.0</b>		0.55	<b>95.9</b>		0.65	<b>284.0</b>		0.95	<b>33.0</b>		1.44	<b>462.8</b>		1.30
<b>WVPBU6</b>	<b>319.2</b>		0.91	<b>104.0</b>		1.45	<b>283.4</b>		0.85	<b>41.3</b>		0.95	<b>456.2</b>		0.97
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	347.0			104.0			284.0			33.9			462.8		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	3.2			1.3			2.1			0.7			3.6		
<b>Labs Included</b>	3			3			3			3			3		
<b>Labs Reporting</b>	3			3			3			3			3		



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K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>CL8ZYH</b>	<b>380.7</b>		0.18	<b>92.7</b>		0.07	<b>287.7</b>		0.44	<b>35.7</b>		0.58	<b>431.3</b>		1.24
<b>HADU7L</b>	<b>414.7</b>		0.27	<b>109.7</b>		0.14	<b>293.3</b>		0.62	<b>42.3</b>		0.58	<b>520.3</b>		0.10
<b>Y72BLH</b>	<b>408.7</b>		1.70	<b>92.7</b>		1.73	<b>284.3</b>		1.56	<b>18.3</b>		1.53	<b>528.0</b>		1.21
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	408.7			92.7			287.7			35.7			520.3		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	13.8			8.3			5.2			1.0			6.0		
<b>Labs Included</b>	3			3			3			3			3		
<b>Labs Reporting</b>	3			3			3			3			3		



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Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>8NB6K4</b>	<b>0.06</b>		0.02	<b>0.04</b>		0.00	<b>0.04</b>		0.03	<b>0.22</b>		0.01	<b>0.08</b>		0.03	
<b>GCPCQC</b>	<b>0.20</b>		0.28	<b>0.34</b>		1.49	<b>0.14</b>		0.15	<b>12.80</b>		1.98	<b>0.69</b>		1.88	
<b>K9F4CC</b>	<b>2.34</b>		1.46	<b>2.83</b>		1.30	<b>0.91</b>		0.60	<b>9.01</b>		0.12	<b>1.02</b>		0.53	
<b>Y72BLH</b>	<b>2.27</b>		1.34	<b>1.37</b>		0.29	<b>1.97</b>		1.90	<b>11.10</b>		0.28	<b>2.30</b>		0.44	
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	1.23			0.85			0.53			10.1			0.86			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.24			0.20			0.17			0.9			0.23			
<b>Labs Included</b>	4			4			4			4			4			
<b>Labs Reporting</b>	4			4			4			4			4			



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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>99RYT2</b>	<b>177.7</b>		0.17	<b>35.2</b>		0.41	<b>99.6</b>		0.31	<b>13.6</b>		0.30	<b>143.1</b>		0.82
<b>BU83NN</b>	<b>183.6</b>		0.24	<b>39.8</b>		0.79	<b>102.5</b>		0.18	<b>15.9</b>		0.24	<b>154.3</b>		0.58
<b>DVP2UH</b>	<b>142.8</b>		1.49	<b>36.4</b>		1.78	<b>90.2</b>		1.51	<b>13.4</b>		1.23	<b>128.1</b>		1.71
<b>K9F4CC</b>	<b>376.0</b>	<b>X</b>	0.51	<b>87.9</b>	<b>X</b>	0.68	<b>201.2</b>	<b>X</b>	1.95	<b>36.5</b>	<b>X</b>	1.59	<b>311.3</b>	<b>X</b>	0.97
<b>VB6CQV</b>	<b>133.2</b>		1.30	<b>32.4</b>		0.21	<b>79.3</b>		1.26	<b>10.3</b>		1.53	<b>94.9</b>		0.24

  

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	160.2			35.8			94.9			13.5			135.6		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	6.1			1.3			2.8			0.4			5.3		
<b>Labs Included</b>	4			4			4			4			4		
<b>Labs Reporting</b>	5			5			5			5			5		





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Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>99RYT2</b>	<b>334.4</b>	1.43	0.25	<b>84.3</b>	0.76	0.23	<b>217.0</b>	0.47	0.41	<b>32.3</b>	0.35	0.53	<b>449.1</b>	1.16	0.72	
<b>BU83NN</b>	<b>315.5</b>	0.65	0.80	<b>82.8</b>	0.37	1.75	<b>223.5</b>	0.65	0.53	<b>30.6</b>	0.00	1.79	<b>420.9</b>	0.47	0.22	
<b>DVP2UH</b>	<b>283.2</b>	-0.68	1.27	<b>79.1</b>	-0.53	1.06	<b>200.4</b>	0.00	0.70	<b>28.2</b>	-0.48	0.45	<b>361.5</b>	-0.97	1.45	
<b>K9F4CC</b>	<b>671.9</b>	15.32X	0.86	<b>183.1</b>	25.54X	0.93	<b>466.6</b>	7.46X	3.29	<b>65.3</b>	6.97X	0.65	<b>903.5</b>	12.22X	0.70	
<b>KHJELM</b>	<b>299.7</b>	0.00	0.65	<b>81.3</b>	0.00	0.35	<b>127.4</b>	-2.05	1.27	<b>18.9</b>	-2.36	0.13	<b>401.4</b>	0.00	0.94	
<b>VB6CQV</b>	<b>284.8</b>	-0.61	1.50	<b>74.5</b>	-1.70	0.79	<b>192.9</b>	-0.21	1.56	<b>31.5</b>	0.19	1.13	<b>369.9</b>	-0.77	1.20	

  

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	299.7			81.3			200.4			30.6			401.4			
<b>Median Abs Dev</b>	15.8			2.1			16.6			1.7			31.5			
<b>Avg Within Lab SD</b>	8.0			3.2			3.7			1.2			9.3			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	6			6			6			6			6			



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Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>99RYT2</b>	<b>1,938.9</b>	0.14	0.41	<b>2,914.7</b>	0.77	0.45	<b>1,888.6</b>	0.89	0.46	<b>1,250.3</b>	0.49	1.00	<b>1,849.9</b>	0.19	0.39	
<b>BU83NN</b>	<b>1,878.3</b>	0.00	0.36	<b>2,575.7</b>	0.00	1.68	<b>1,901.7</b>	0.97	0.88	<b>1,204.7</b>	0.00	1.23	<b>1,775.0</b>	0.00	1.17	
<b>DVP2UH</b>	<b>1,598.0</b>	-0.65	1.22	<b>2,519.5</b>	-0.13	1.04	<b>1,755.7</b>	0.00	0.85	<b>1,115.7</b>	-0.95	0.81	<b>1,525.3</b>	-0.63	1.38	
<b>K9F4CC</b>	<b>3,565.3</b>	3.92X	0.74	<b>5,354.7</b>	6.28X	0.58	<b>3,555.3</b>	12.01X	2.04	<b>2,304.3</b>	11.74X	0.74	<b>3,415.0</b>	4.17X	0.78	
<b>KHJELM</b>	<b>2,708.6</b>	1.93	0.88	<b>3,500.2</b>	2.09	0.81	<b>1,576.3</b>	-1.20	0.84	<b>1,338.4</b>	1.43	1.25	<b>2,499.8</b>	1.84	0.91	
<b>VB6CQV</b>	<b>1,597.3</b>	-0.65	1.56	<b>2,403.7</b>	-0.39	0.50	<b>1,708.7</b>	-0.31	1.61	<b>1,157.0</b>	-0.51	0.52	<b>1,498.0</b>	-0.70	0.86	
Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	1,878.3			2,575.7			1,755.7			1,204.7			1,775.0			
<b>Median Abs Dev</b>	280.3			172.0			132.9			47.7			249.7			
<b>Avg Within Lab SD</b>	48.4			106.1			50.3			18.2			48.1			
<b>Labs Included</b>	5			5			5			5			5			
<b>Labs Reporting</b>	6			6			6			6			6			



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Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>99RYT2</b>	<b>223.1</b>	0.24	0.29	<b>637.8</b>	0.31	0.26	<b>331.3</b>	0.00	0.56	<b>438.0</b>	0.14	1.02	<b>242.9</b>	0.29	0.62
<b>BU83NN</b>	<b>213.4</b>	0.00	0.97	<b>593.5</b>	0.00	1.38	<b>354.0</b>	0.31	0.64	<b>427.2</b>	0.00	0.61	<b>231.3</b>	0.00	0.59
<b>DVP2UH</b>	<b>193.1</b>	-0.50	0.70	<b>570.7</b>	-0.16	1.15	<b>316.1</b>	-0.21	0.43	<b>393.0</b>	-0.45	1.31	<b>195.3</b>	-0.90	1.15
<b>K9F4CC</b>	<b>396.0</b>	4.53X	0.49	<b>1,075.7</b>	3.41X	0.44	<b>605.7</b>	3.73X	1.71	<b>764.3</b>	4.45X	0.92	<b>417.7</b>	4.68X	0.42
<b>KHJELM</b>	<b>301.7</b>	2.19	0.66	<b>972.7</b>	2.68	0.63	<b>522.9</b>	2.61	1.01	<b>619.9</b>	2.55	0.89	<b>292.4</b>	1.53	0.71
<b>VB6CQV</b>	<b>195.8</b>	-0.44	1.74	<b>563.1</b>	-0.22	1.14	<b>312.7</b>	-0.25	1.75	<b>409.6</b>	-0.23	1.04	<b>205.6</b>	-0.64	1.57

  

Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	213.4			593.5			331.3			427.2			231.3		
<b>Median Abs Dev</b>	17.6			30.4			18.6			17.6			25.6		
<b>Avg Within Lab SD</b>	6.1			22.6			10.2			6.6			6.0		
<b>Labs Included</b>	5			5			5			5			5		
<b>Labs Reporting</b>	6			6			6			6			6		



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Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>99RYT2</b>	<b>60.3</b>	-0.18	0.47	<b>29.1</b>	-0.39	0.11	<b>104.2</b>	-0.02	0.32	<b>38.3</b>	-0.42	0.34	<b>26.6</b>	-0.47	0.38
<b>BU83NN</b>	<b>73.7</b>	0.18	0.73	<b>57.6</b>	0.39	0.85	<b>152.1</b>	0.81	0.66	<b>65.0</b>	0.33	0.65	<b>50.5</b>	0.47	0.36
<b>DVP2UH</b>	<b>55.8</b>	-0.29	0.88	<b>27.8</b>	-0.42	1.55	<b>106.8</b>	0.02	0.41	<b>41.3</b>	-0.33	0.95	<b>21.1</b>	-0.69	0.84
<b>K9F4CC</b>	<b>120.0</b>	1.39	0.38	<b>73.7</b>	0.82	0.82	<b>238.0</b>	2.30	2.01	<b>86.3</b>	0.93	1.85	<b>50.6</b>	0.48	0.59
<b>KHJELM</b>	<b>130.6</b>	1.67	1.10	<b>97.8</b>	1.47	1.44	<b>60.5</b>	-0.78	0.28	<b>107.2</b>	1.52	0.43	<b>66.8</b>	1.12	0.95
<b>VB6CQV</b>	<b>54.0</b>	-0.34	1.77	<b>22.8</b>	-0.56	0.32	<b>99.5</b>	-0.10	1.09	<b>34.6</b>	-0.52	0.97	<b>17.8</b>	-0.82	1.94

  

Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	67.0			43.4			105.5			53.2			38.5		
<b>Median Abs Dev</b>	12.1			18.1			25.5			16.7			14.7		
<b>Avg Within Lab SD</b>	1.6			1.0			3.6			2.3			1.3		
<b>Labs Included</b>	6			6			6			6			6		
<b>Labs Reporting</b>	6			6			6			6			6		



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Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>99RYT2</b>	<b>5.73</b>	1.45	0.90	<b>2.47</b>	0.34	0.18	<b>8.34</b>	0.97	0.16	<b>1.58</b>	0.43	0.36	<b>90.59</b>	0.07	0.64
<b>BU83NN</b>	<b>5.39</b>	0.95	0.88	<b>3.61</b>	2.36	1.76	<b>8.94</b>	1.82	0.43	<b>1.45</b>	-1.42	0.36	<b>89.35</b>	0.00	0.33
<b>DVP2UH</b>	<b>4.65</b>	-0.10	1.02	<b>2.18</b>	-0.18	1.33	<b>7.65</b>	0.00	0.51	<b>1.55</b>	0.00	2.06	<b>72.68</b>	-0.92	1.41
<b>K9F4CC</b>	<b>11.73</b>	10.03X	1.38	<b>5.29</b>	5.34X	0.50	<b>17.42</b>	13.74X	3.75	<b>3.36</b>	27.54X	1.71	<b>174.71</b>	4.70X	0.65
<b>KHJELM</b>	<b>4.11</b>	-0.87	0.21	<b>2.28</b>	0.00	0.21	<b>7.49</b>	-0.23	0.31	<b>1.55</b>	0.00	0.22	<b>116.81</b>	1.51	1.14
<b>VB6CQV</b>	<b>4.72</b>	0.00	1.53	<b>1.99</b>	-0.50	0.17	<b>7.40</b>	-0.35	2.11	<b>1.45</b>	-1.52	0.67	<b>73.44</b>	-0.88	1.09

  

Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	4.72			2.28			7.65			1.55			89.4		
<b>Median Abs Dev</b>	0.61			0.19			0.25			0.03			15.9		
<b>Avg Within Lab SD</b>	0.14			0.18			0.13			0.07			2.0		
<b>Labs Included</b>	5			5			5			5			5		
<b>Labs Reporting</b>	6			6			6			6			6		



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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm3		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>27PVW7</b>	<b>0.99</b>	-2.04	0.52	<b>1.03</b>	-2.00	0.26	<b>1.11</b>	-1.77	0.00	<b>1.03</b>	-2.50	0.37	<b>0.98</b>	-1.04	0.00
<b>6MJMA4</b>	<b>1.14</b>	0.15	1.86	<b>1.19</b>	0.02	2.55	<b>1.38</b>	0.67	1.89	<b>1.21</b>	0.21	0.98	<b>1.10</b>	0.26	2.30
<b>89YQ6Q</b>	<b>1.17</b>	0.49	0.52	<b>1.22</b>	0.35	0.53	<b>1.32</b>	0.15	0.51	<b>1.18</b>	-0.24	0.98	<b>1.06</b>	-0.11	0.18
<b>APVVKY</b>	<b>1.15</b>	0.20	1.86	<b>1.24</b>	0.64	0.79	<b>1.41</b>	0.98	2.06	<b>1.22</b>	0.41	1.11	<b>1.21</b>	1.52	1.43
<b>CAU3RT</b>	<b>1.10</b>	-0.45	0.45	<b>1.14</b>	-0.64	0.83	<b>1.25</b>	-0.51	0.59	<b>1.13</b>	-0.90	0.23	<b>1.02</b>	-0.57	0.32
<b>DVP2UH</b>	<b>1.12</b>	-0.21	0.85	<b>1.19</b>	-0.02	0.79	<b>1.32</b>	0.18	0.69	<b>1.20</b>	0.11	2.24	<b>1.11</b>	0.37	1.19
<b>KXWRYE</b>	<b>1.19</b>	0.83		<b>1.21</b>	0.27		<b>1.35</b>	0.43		<b>1.22</b>	0.41		<b>1.16</b>	0.96	
<b>RBUAQY</b>	<b>1.12</b>	-0.15	0.32	<b>1.13</b>	-0.68	0.25	<b>1.27</b>	-0.35	0.19	<b>1.19</b>	-0.11	0.26	<b>1.05</b>	-0.30	0.17
<b>ULP4ZE</b>	<b>1.01</b>	-1.75	0.52	<b>1.02</b>	-2.04	0.26	<b>1.13</b>	-1.56	0.17	<b>1.08</b>	-1.70	0.64	<b>0.94</b>	-1.52	0.18
<b>WLEA94</b>	<b>1.17</b>	0.49	0.52	<b>1.20</b>	0.10	0.26	<b>1.29</b>	-0.15	0.17	<b>1.20</b>	0.16	0.37	<b>1.08</b>	0.11	0.18

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups					Data units: g/cm3
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110
<b>Grand Median</b>	1.13	1.19	1.30	1.19	1.07
<b>Median Abs Dev</b>	0.03	0.04	0.05	0.02	0.04
<b>Avg Within Lab SD</b>	0.01	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



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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>2QV4DQ</b>	<b>82.3</b>	1.61	0.27	<b>35.3</b>	5.57X	0.60	<b>102.0</b>	1.12	0.68	<b>5.3</b>	0.12	0.73	<b>89.0</b>	1.57	0.47
<b>83RZZZ</b>	<b>70.3</b>	0.12	1.92	<b>28.0</b>	1.47	2.07	<b>92.7</b>	0.00	1.20	<b>5.2</b>	0.00	0.70	<b>75.7</b>	0.36	1.65
<b>8E3UVP</b>	<b>63.7</b>	-0.71	0.53	<b>25.2</b>	-0.11	0.30	<b>82.0</b>	-1.28		<b>5.0</b>	-0.17	0.63	<b>62.0</b>	-0.87	0.82
<b>FBTF2Q</b>	<b>82.3</b>	1.61	1.35	<b>28.6</b>	1.82	0.68	<b>98.3</b>	0.68	0.12	<b>4.1</b>	-0.94	2.21	<b>85.7</b>	1.27	0.14
<b>HMYA9K</b>	<b>68.0</b>	-0.17	0.46	<b>24.7</b>	-0.39	0.60	<b>91.0</b>	-0.20	0.79	<b>6.7</b>	1.28	0.73	<b>71.7</b>	0.00	0.98
<b>RBUAQY</b>	<b>69.4</b>	0.00	0.05	<b>25.1</b>	-0.15	0.63	<b>95.7</b>	0.37	0.17	<b>3.9</b>	-1.10	0.29	<b>70.9</b>	-0.07	0.32
<b>UFZLL3</b>	<b>65.3</b>	-0.50	0.96	<b>25.5</b>	0.11	0.65	<b>83.7</b>	-1.07	1.85	<b>6.5</b>	1.12	0.28	<b>65.3</b>	-0.58	1.52

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	69.4			25.4			92.7			5.20			71.7		
<b>Median Abs Dev</b>	4.1			0.5			5.6			1.07			6.4		
<b>Avg Within Lab SD</b>	2.2			1.0			2.5			0.79			2.1		
<b>Labs Included</b>	7			6			7			7			7		
<b>Labs Reporting</b>	7			7			7			7			7		



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
27PVW7	77.7	0.11	1.35	31.0	0.33	0.88	110.0	0.13	1.09	6.0	0.35		84.0	0.13	1.36
28L7UU	80.8	0.45	0.74	28.6	-0.37	0.77	105.1	-0.21	0.28	4.7	-0.51	0.24	87.0	0.35	0.51
2NQD9W	92.4	1.72	3.49	37.7	2.31	3.53	118.5	0.72	2.17	5.4	-0.03	3.32	105.6	1.72	3.83
3H2HKX	71.9	-0.52	0.00	28.2	-0.49	0.00	98.6	-0.65	0.00	7.0	1.04	0.00	74.4	-0.58	0.00
44AAZ2	82.1	0.59	0.03	29.3	-0.16	0.10	112.4	0.29	0.05	6.8	0.91	0.04	84.4	0.16	0.05
6MJMA4	74.7	-0.22	1.72	30.0	0.03	0.64	119.0	0.75	1.38	6.0	0.37	1.04	87.4	0.38	1.96
6NDCDW	80.7	0.44	0.26	29.3	-0.16	1.35	119.0	0.75	0.80	5.0	-0.33		92.0	0.72	0.54
7NGYQ6	76.9	0.03	0.28	31.0	0.35	0.90	111.7	0.25	0.55	6.8	0.89	0.43	78.2	-0.30	0.26
83RZZZ	64.7	-1.31	1.11	29.0	-0.26	0.88	95.0	-0.90	0.30	5.0	-0.33	0.21	73.0	-0.69	0.31
89YQ6Q	73.5	-0.35	0.60	25.3	-1.35	0.32	106.9	-0.08	1.28	1.4	-2.81	0.90	77.4	-0.36	0.56
8NB6K4	102.4	2.82X	1.37	54.0	7.14X	2.62	133.9	1.77	0.50	21.3	10.77X	2.15	114.8	2.40	0.66
8WLQ9X	67.4	-1.01	0.33	28.9	-0.29	0.55	88.0	-1.38	0.25	6.4	0.60	0.24	71.7	-0.78	1.06
99RYT2	83.5	0.75	0.09	33.5	1.07	0.11	107.4	-0.05	0.22	6.5	0.67	0.12	92.9	0.78	0.11
APVVKY	72.2	-0.49	1.08	30.6	0.22	1.08	112.2	0.28	0.29	5.3	-0.15	0.85	86.1	0.28	1.11
BU83NN	71.7	-0.54	0.27	24.2	-1.66	0.40	92.5	-1.07	0.19	4.5	-0.67	0.13	76.5	-0.43	0.23
CAU3RT	85.3	0.95	0.07	30.6	0.22	0.15	118.7	0.73	0.17	4.9	-0.38	0.12	91.1	0.65	0.35
FZDHZT	83.8	0.78	1.67	31.0	0.33	0.88	117.8	0.67	0.70	5.2	-0.22	1.21	88.7	0.47	1.26
G3YRLE	85.0	0.91		34.0	1.22	1.53	127.3	1.32	0.76	5.3	-0.10	2.42	96.0	1.01	0.82
GCPCQC	88.0	1.24	1.59	32.8	0.86	1.96	120.3	0.84	2.52	7.7	1.51	1.34	96.0	1.01	1.82
HMYA9K	72.5	-0.46	0.66	29.8	-0.02	0.33	104.5	-0.24	0.24	8.3	1.94	1.21	79.5	-0.21	0.73
J78RVB	104.0	2.99X	0.61	42.2	3.64X	0.15	142.2	2.34	0.24	6.9	0.99	1.16	107.7	1.88	0.94
KXWRYE	62.0	-1.61		26.0	-1.14		58.0	-3.44X		4.0	-1.01		45.0	-2.75X	
LFBQGG	68.0	-0.95	0.07	38.9	2.66	0.10	89.2	-1.30	0.02	11.7	4.20X	0.06	70.7	-0.85	0.01
LURJ89	71.4	-0.58	0.76	30.3	0.13	0.75	100.6	-0.52	0.75	5.7	0.12	0.52	73.4	-0.65	0.20
NNEDQT	74.2	-0.28	0.58	29.9	0.02	1.14	102.1	-0.41	0.34	6.7	0.79	0.37	74.5	-0.57	0.41
PN8UY8	74.2	-0.27	0.23	32.0	0.63	0.21	104.5	-0.25	1.26	7.0	1.01	0.54	77.0	-0.39	0.13





## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>Q3N624</b>	<b>65.3</b>	-1.24	1.28	<b>29.0</b>	-0.26	0.88	<b>91.0</b>	-1.17	0.52	<b>5.3</b>	-0.10	1.21	<b>66.3</b>	-1.18	0.78	
<b>QP2VGJ</b>	<b>90.4</b>	1.50	0.10	<b>36.7</b>	2.03	0.01	<b>131.4</b>	1.60	0.04	<b>5.9</b>	0.25	0.11	<b>107.2</b>	1.84	0.08	
<b>RBUAQY</b>	<b>78.8</b>	0.23	0.05	<b>28.5</b>	-0.40	0.62	<b>108.8</b>	0.05	0.15	<b>4.5</b>	-0.69	0.55	<b>80.6</b>	-0.13	0.24	
<b>T9P4PX</b>	<b>91.5</b>	1.62	1.11	<b>45.3</b>	4.56X	1.39	<b>111.7</b>	0.25	2.12	<b>7.0</b>	1.04	0.47	<b>93.0</b>	0.79	1.43	
<b>TBE3AN</b>	<b>77.2</b>	0.05	0.13	<b>23.8</b>	-1.78	0.25	<b>115.8</b>	0.53	0.23	<b>1.8</b>	-2.49	0.61	<b>85.8</b>	0.26	0.39	
<b>UB6TN2</b>	<b>70.5</b>	-0.67	0.32	<b>29.2</b>	-0.21	0.13	<b>99.5</b>	-0.59	0.24	<b>6.1</b>	0.40	0.79	<b>76.9</b>	-0.40	0.04	
<b>UFZLL3</b>	<b>70.6</b>	-0.67	0.96	<b>28.0</b>	-0.55	0.72	<b>97.3</b>	-0.74	1.78	<b>5.8</b>	0.24	1.27	<b>72.9</b>	-0.69	0.54	
<b>ULP4ZE</b>	<b>77.4</b>	0.08	1.14	<b>29.1</b>	-0.23	0.25	<b>105.4</b>	-0.19	0.14	<b>5.0</b>	-0.33	0.25	<b>92.9</b>	0.78	0.40	
<b>VB6CQV</b>	<b>82.7</b>	0.66	0.92	<b>27.5</b>	-0.70	0.76	<b>114.0</b>	0.41	0.80	<b>4.8</b>	-0.44	0.61	<b>84.3</b>	0.15	0.78	
<b>W9FZUB</b>	<b>71.6</b>	-0.55	0.76	<b>30.4</b>	0.16	1.71	<b>98.8</b>	-0.64	2.72	<b>11.0</b>	3.78X	10.66	<b>80.3</b>	-0.14	1.17	
<b>WLEA94</b>	<b>76.7</b>	0.00	0.07	<b>30.1</b>	0.06	0.05	<b>105.5</b>	-0.18	0.03	<b>5.2</b>	-0.20	0.29	<b>78.1</b>	-0.31	0.16	
<b>WVPBU6</b>	<b>67.8</b>	-0.97	0.13	<b>29.5</b>	-0.12	0.54	<b>94.0</b>	-0.97	0.09	<b>5.5</b>	0.03	0.41	<b>73.4</b>	-0.66	0.25	
<b>YC4RPW</b>	<b>78.0</b>	0.15		<b>35.0</b>	1.52		<b>114.0</b>	0.41		<b>5.0</b>	-0.33		<b>75.0</b>	-0.54		

  

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	76.7			29.9			108.1			5.49			82.3			
<b>Median Abs Dev</b>	5.3			1.2			9.0			0.62			7.8			
<b>Avg Within Lab SD</b>	2.3			1.1			3.3			0.48			3.2			
<b>Labs Included</b>	37			36			38			36			38			
<b>Labs Reporting</b>	39			39			39			39			39			



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
27PVW7	442.3	0.03	1.13	136.7	-0.02	0.64	364.0	0.18	0.73	41.0	-0.30	0.48	594.7	0.55	1.56
28L7UU	509.6	1.99	0.66	153.9	1.67	0.52	382.9	0.92	0.54	46.0	0.82	0.58	706.8	2.27	0.87
2NQD9W	447.6	0.18	2.18	149.8	1.28	1.80	345.8	-0.53	0.71	40.4	-0.43	2.77	602.4	0.67	2.71
3H2HKX	441.0	-0.01		133.0	-0.38		348.0	-0.44		45.3	0.66	0.00	533.0	-0.40	
44AAZ2	465.4	0.70	0.00	136.0	-0.09	0.01	357.1	-0.09	0.01	44.9	0.57	0.04	559.3	0.00	0.01
6MJMA4	431.3	-0.29	2.01	149.0	1.19	1.01	378.7	0.75	1.56	44.3	0.45	1.55	558.7	0.00	2.20
6NDCDW	450.0	0.25	1.04	149.7	1.26	0.34	385.0	1.00	1.06	43.0	0.15	0.83	608.7	0.76	0.55
7NGYQ6	441.6	0.01	0.64	130.8	-0.60	0.70	356.7	-0.10	0.28	41.9	-0.11	0.48	534.2	-0.38	0.07
83RZZZ	390.7	-1.47	1.21	132.7	-0.42	0.55	356.3	-0.12	1.26	39.6	-0.60	1.01	515.7	-0.66	0.67
89YQ6Q	414.0	-0.80	0.75	118.4	-1.82	2.00	348.1	-0.44	1.53	30.2	-2.71	1.72	516.5	-0.65	0.52
8E3UVP	396.0	-1.32	0.51	124.7	-1.21	0.25	327.3	-1.25	0.24	40.8	-0.34	0.50	512.0	-0.72	0.48
8NB6K4	514.8	2.14	0.20	151.8	1.47	0.19	384.2	0.97	0.91	39.3	-0.69	0.33	684.7	1.93	2.00
8WLQ9X	289.3	-4.42X	4.42	132.3	-0.45	1.35	276.3	-3.23X	0.16	45.3	0.67	1.68	382.0	-2.72X	0.82
99RYT2	453.1	0.34	0.81	135.6	-0.13	0.20	329.2	-1.17	0.54	40.5	-0.40	1.12	606.3	0.73	0.33
APVVKY	434.3	-0.21	2.36	144.0	0.70	1.09	379.1	0.77	0.71	40.2	-0.49	1.77	622.0	0.97	1.45
BU83NN	423.2	-0.53	0.54	132.3	-0.45	1.69	344.7	-0.57	0.25	40.8	-0.35	0.31	569.3	0.16	1.09
CAU3RT	492.3	1.48	0.29	150.0	1.29	0.66	387.7	1.10	0.40	41.3	-0.24	0.19	600.0	0.63	0.26
FBTF2Q	513.8	2.11	0.62	136.9	0.00	1.89	394.3	1.36	0.17	34.9	-1.67	1.23	685.0	1.93	0.58
FZDHZT	467.0	0.75	0.43	137.8	0.09	1.32	376.0	0.65	1.47	41.0	-0.30	0.48	587.2	0.43	0.74
G3YRLE	464.7	0.68	0.62	150.3	1.33	0.55	422.0	2.44	0.55	42.3	0.00	0.55	671.7	1.73	0.78
HMYA9K	424.3	-0.49	1.01	142.4	0.55	0.37	359.6	0.01	1.50	52.0	2.16	0.81	541.3	-0.27	1.02
J78RVB	455.4	0.41	0.12	140.9	0.39	0.17	374.8	0.60	0.41	47.9	1.25	0.18	562.4	0.05	0.10
KXWRYE	470.0	0.83		134.0	-0.29		224.0	-5.27X		23.0	-4.33X		450.0	-1.67	
LFBQGG	434.5	-0.20	0.01	135.0	-0.19	0.05	356.5	-0.11	0.01	43.1	0.17	0.01	541.5	-0.27	0.00
LURJ89	425.0	-0.48	0.35	138.0	0.11	0.22	360.0	0.03	0.54	43.5	0.27	0.62	539.7	-0.30	0.13
NNEDQT	431.1	-0.30	0.43	137.6	0.07	0.69	333.0	-1.03	0.70	44.4	0.47	0.75	531.9	-0.42	0.47



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>PN8UY8</b>	<b>449.9</b>	0.25	0.26	<b>141.0</b>	0.41	0.32	<b>348.7</b>	-0.42	0.46	<b>43.1</b>	0.17	0.73	<b>572.5</b>	0.21	0.14	
<b>QP2VGJ</b>	<b>456.6</b>	0.45	0.19	<b>151.5</b>	1.45	0.04	<b>404.6</b>	1.76	0.20	<b>43.1</b>	0.17	0.02	<b>639.2</b>	1.23	0.08	
<b>RBUAQY</b>	<b>434.6</b>	-0.20	0.50	<b>136.6</b>	-0.03	0.19	<b>365.4</b>	0.24	0.13	<b>45.1</b>	0.62	0.24	<b>546.6</b>	-0.19	0.05	
<b>T9P4PX</b>	<b>451.7</b>	0.30	2.34	<b>141.7</b>	0.47	0.67	<b>394.0</b>	1.35	0.86	<b>50.3</b>	1.79	1.99	<b>623.0</b>	0.98	0.44	
<b>TBE3AN</b>	<b>410.3</b>	-0.90	0.10	<b>123.7</b>	-1.30	0.17	<b>359.3</b>	0.00	0.26	<b>35.5</b>	-1.53	0.48	<b>523.7</b>	-0.54	0.24	
<b>UB6TN2</b>	<b>405.0</b>	-1.06	0.35	<b>134.3</b>	-0.25	0.34	<b>347.3</b>	-0.47	0.50	<b>41.0</b>	-0.31	0.34	<b>526.0</b>	-0.51	0.16	
<b>UFZLL3</b>	<b>433.9</b>	-0.22	1.73	<b>134.9</b>	-0.20	1.75	<b>345.6</b>	-0.54	1.85	<b>41.3</b>	-0.24	1.53	<b>557.2</b>	-0.03	1.65	
<b>ULP4ZE</b>	<b>447.9</b>	0.19	1.24	<b>137.9</b>	0.09	0.03	<b>347.4</b>	-0.47	0.20	<b>37.6</b>	-1.06	0.04	<b>626.0</b>	1.03	0.41	
<b>VB6CQV</b>	<b>477.0</b>	1.04	0.91	<b>146.0</b>	0.90	1.88	<b>400.7</b>	1.61	2.01	<b>48.3</b>	1.34	1.20	<b>587.0</b>	0.43	2.33	
<b>W9FZUB</b>	<b>397.9</b>	-1.26	0.66	<b>153.0</b>	1.59	2.58	<b>340.7</b>	-0.73	3.24	<b>67.0</b>	5.53X	4.27	<b>538.2</b>	-0.32	0.61	
<b>WLEA94</b>	<b>423.7</b>	-0.51	0.05	<b>121.5</b>	-1.52	0.07	<b>350.7</b>	-0.34	0.12	<b>42.7</b>	0.08	0.61	<b>516.8</b>	-0.65	0.03	
<b>WVPBU6</b>	<b>439.4</b>	-0.06	0.15	<b>133.9</b>	-0.30	0.49	<b>348.1</b>	-0.44	0.40	<b>44.1</b>	0.41	0.25	<b>539.0</b>	-0.31	0.36	
<b>YC4RPW</b>	<b>400.0</b>	-1.20		<b>133.3</b>	-0.35	0.34	<b>359.3</b>	0.00	0.12	<b>38.0</b>	-0.97		<b>516.3</b>	-0.65	0.09	

  

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	441.3			136.9			359.3			42.3			559.0			
<b>Median Abs Dev</b>	16.7			4.6			13.7			2.0			35.5			
<b>Avg Within Lab SD</b>	10.4			4.5			9.5			2.1			16.5			
<b>Labs Included</b>	38			39			37			37			38			
<b>Labs Reporting</b>	39			39			39			39			39			



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
27PVW7	1,670.3	-0.06	0.16	2,834.0	-0.04	0.59	2,051.3	0.11	0.38	1,415.3	0.17	1.16	1,668.0	0.30	1.39	
28L7UU	1,645.4	-0.25	0.09	2,767.0	-0.31	0.34	1,800.4	-1.25	0.51	1,318.0	-0.70	0.47	1,666.0	0.29	0.46	
2NQD9W	1,805.8	0.99	0.68	2,938.0	0.40	2.25	1,999.8	-0.17	2.03	1,495.0	0.89	2.38	1,792.8	1.12	3.04	
3H2HKX	1,636.0	-0.32		2,763.0	-0.33		1,956.0	-0.41		1,425.0	0.26		1,512.0	-0.72		
6MJMA4	1,740.0	0.48	0.41	2,844.0	0.01	2.30	2,155.3	0.67	0.99	1,399.7	0.03	2.75	1,655.3	0.22	1.02	
6NDCDW	1,820.0	1.10	0.04	3,061.3	0.91	0.75	2,120.0	0.48	0.76	1,453.3	0.52	0.90	1,700.7	0.52	0.61	
7NGYQ6	1,806.4	1.00	0.08	2,749.0	-0.39	0.59	2,109.6	0.42	0.50	1,440.9	0.41	0.12	1,645.8	0.16	0.57	
83RZZZ	1,507.0	-1.32	0.32	2,579.3	-1.09	1.44	1,875.7	-0.84	0.66	1,319.7	-0.69	0.96	1,555.0	-0.43	0.79	
89YQ6Q	1,531.9	-1.13	0.09	2,444.9	-1.65	1.28	1,839.8	-1.03	0.78	1,348.9	-0.43	1.58	1,424.2	-1.29	0.53	
8E3UVP	1,585.7	-0.71	0.04	2,681.3	-0.67	0.07	1,914.7	-0.63	0.37	1,312.7	-0.75	0.20	1,477.3	-0.94	0.25	
8NB6K4	1,832.1	1.20	0.09	3,096.1	1.05	0.30	2,011.8	-0.10	1.24	1,329.7	-0.60	0.74	1,745.8	0.81	0.38	
8WLQ9X	1,546.7	-1.01	0.20	2,527.0	-1.31	0.50	1,813.7	-1.17	0.68	1,263.7	-1.20	1.13	1,463.7	-1.03	0.90	
99RYT2	1,613.1	-0.50	0.09	2,699.8	-0.59	0.06	1,778.7	-1.36	0.24	1,313.9	-0.74	0.16	1,615.9	-0.04	0.13	
APVVKY	1,687.2	0.07	0.41	3,145.5	1.26	1.90	2,269.5	1.29	0.86	1,474.4	0.71	0.42	1,822.0	1.31	1.74	
BU83NN	1,621.2	-0.44	0.05	2,842.5	0.00	0.31	1,829.0	-1.09	0.61	1,381.3	-0.13	0.20	1,551.2	-0.46	0.22	
CAU3RT	1,748.7	0.55	0.03	2,904.3	0.26	0.23	2,032.0	0.01	0.12	1,436.0	0.36	0.27	1,609.3	-0.08	0.25	
FBTF2Q	1,660.0	-0.14	0.22	2,986.7	0.60	1.55	1,970.7	-0.33	3.68	2,034.0	5.76X	2.33	1,482.7	-0.91	1.59	
FZDHZT	1,887.0	1.62	0.13	3,117.2	1.14	0.94	2,211.0	0.97	0.79	1,588.3	1.74	0.55	1,735.5	0.74	0.72	
G3YRLE	1,906.7	1.77	0.11	3,265.7	1.76	2.35	2,401.3	2.00	1.24	1,425.3	0.26	1.04	1,885.7	1.72	2.53	
HMYA9K	1,681.3	0.03	0.22	2,754.3	-0.37	0.29	2,106.3	0.41	0.06	1,401.3	0.05	1.12	1,627.7	0.04	0.75	
J78RVB	1,829.7	1.18	0.01	2,929.6	0.36	0.32	2,170.7	0.75	0.30	1,515.3	1.08	0.02	1,674.0	0.34	0.05	
KXWRYE	1,753.0	0.58		2,397.0	-1.85		1,343.0	-3.72X		973.0	-3.82X		1,286.0	-2.19		
LURJ89	1,613.3	-0.50	0.09	2,777.0	-0.27	0.75	1,955.7	-0.41	0.42	1,387.0	-0.08	0.64	1,477.0	-0.94	0.15	
NNEDQT	1,682.7	0.04	0.04	2,773.9	-0.28	0.22	2,000.8	-0.16	0.26	1,395.3	-0.01	0.39	1,582.3	-0.26	0.49	
PN8UY8	1,744.1	0.51	0.05	3,050.1	0.86	0.65	2,121.6	0.49	1.31	1,444.5	0.44	2.29	1,651.5	0.19	0.33	
QP2VGJ	1,736.1	0.45	0.03	3,090.0	1.03	0.07	2,220.9	1.03	0.04	1,528.8	1.20	0.12	1,784.2	1.06	0.11	



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>T9P4PX</b>	<b>1,711.3</b>	0.26	0.06	<b>2,974.0</b>	0.55	0.37	<b>2,212.7</b>	0.98	0.16	<b>1,396.0</b>	0.00	0.48	<b>1,733.7</b>	0.73	0.19	
<b>TBE3AN</b>	<b>1,433.8</b>	-1.89	0.02	<b>2,304.5</b>	-2.23	0.07	<b>1,725.5</b>	-1.65	0.43	<b>1,072.7</b>	-2.92	0.32	<b>1,310.7</b>	-2.03	0.21	
<b>UB6TN2</b>	<b>1,647.0</b>	-0.24	0.02	<b>2,854.0</b>	0.05	0.13	<b>2,082.3</b>	0.28	0.19	<b>1,352.7</b>	-0.39	0.22	<b>1,621.7</b>	0.00	0.08	
<b>UFZLL3</b>	<b>1,664.1</b>	-0.11	0.25	<b>2,826.2</b>	-0.07	1.22	<b>1,999.1</b>	-0.17	1.65	<b>1,276.4</b>	-1.08	0.98	<b>1,609.5</b>	-0.08	0.65	
<b>ULP4ZE</b>	<b>1,641.7</b>	-0.28	0.17	<b>2,849.1</b>	0.03	0.19	<b>1,885.1</b>	-0.79	0.18	<b>1,348.2</b>	-0.43	0.05	<b>1,655.7</b>	0.22	0.41	
<b>VB6CQV</b>	<b>1,860.7</b>	1.42	0.15	<b>3,000.3</b>	0.65	1.13	<b>2,228.3</b>	1.07	0.84	<b>1,562.3</b>	1.50	0.36	<b>1,710.3</b>	0.58	1.60	
<b>W9FZUB</b>	<b>1,828.7</b>	1.17	5.72	<b>4,332.7</b>	6.18X	0.36	<b>3,291.0</b>	6.81X	0.62	<b>2,127.3</b>	6.61X	0.14	<b>2,699.7</b>	7.03X	2.52	
<b>WLEA94</b>	<b>1,674.0</b>	-0.03	0.02	<b>2,731.0</b>	-0.46	0.52	<b>2,030.0</b>	-0.01	0.54	<b>1,433.3</b>	0.34	0.18	<b>1,486.0</b>	-0.89	0.35	
<b>WVPBU6</b>	<b>1,619.7</b>	-0.45	0.06	<b>2,797.3</b>	-0.19	0.40	<b>2,053.7</b>	0.12	0.74	<b>1,292.7</b>	-0.93	0.81	<b>1,600.3</b>	-0.14	1.04	
<b>YC4RPW</b>	<b>1,616.0</b>	-0.48	0.02	<b>2,990.3</b>	0.61	0.06	<b>2,083.3</b>	0.28	0.08	<b>1,261.7</b>	-1.21	0.39	<b>1,492.3</b>	-0.84	0.04	

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	1,677.7			2,842.5			2,031.0			1,396.0			1,621.7			
<b>Median Abs Dev</b>	64.4			131.5			103.5			57.3			88.7			
<b>Avg Within Lab SD</b>	275.1			86.2			72.0			52.3			63.0			
<b>Labs Included</b>	36			35			34			33			35			
<b>Labs Reporting</b>	36			36			36			36			36			



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
27PVW7	241.3	-0.36	1.16	645.0	-0.32	0.66	391.0	0.04	0.52	435.3	-0.11	1.10	253.7	-0.07	1.65	
28L7UU	253.1	0.39	0.04	681.9	0.50	0.29	359.5	-0.89	0.23	440.5	0.00	0.25	262.7	0.30	0.32	
2NQD9W	234.9	-0.77	1.12	700.3	0.90	1.18	376.7	-0.38	1.03	483.3	0.88	1.16	257.1	0.07	0.75	
3H2HKX	243.0	-0.25		642.0	-0.38		373.0	-0.49		453.0	0.26		237.0	-0.74		
6MJMA4	249.3	0.15	0.71	666.3	0.15	2.41	404.3	0.43	1.79	440.7	0.00	3.11	255.3	0.00	2.35	
6NDCDW	251.3	0.28	0.62	718.7	1.31	0.31	415.7	0.77	0.55	473.3	0.68	0.41	265.0	0.39	0.97	
7NGYQ6	249.5	0.16	0.43	642.9	-0.36	0.47	382.4	-0.21	0.28	420.4	-0.42	0.18	232.1	-0.94	0.14	
83RZZZ	224.7	-1.42	2.25	623.3	-0.79	1.38	374.3	-0.45	0.65	402.3	-0.79	0.77	236.3	-0.76	0.90	
89YQ6Q	232.5	-0.92	0.64	599.7	-1.31	1.54	373.5	-0.48	1.48	435.7	-0.10	1.20	222.4	-1.33	0.31	
8E3UVP	245.3	-0.11	0.89	672.3	0.29	0.57	402.7	0.38	0.55	451.7	0.23	0.67	231.3	-0.97	1.46	
8NB6K4	255.4	0.53	0.98	696.4	0.82	0.23	381.4	-0.24	0.83	462.9	0.46	1.09	266.1	0.43	1.78	
8WLQ9X	234.3	-0.81	1.11	506.3	-3.37X	0.77	331.7	-1.71	0.72	352.3	-1.83	1.25	233.3	-0.89	1.85	
99RYT2	222.9	-1.54	0.57	580.2	-1.74	0.07	319.8	-2.06	0.18	398.5	-0.87	0.20	234.9	-0.82	0.10	
APVVKY	260.5	0.86	2.07	665.7	0.14	1.68	426.3	1.08	0.88	470.2	0.61	1.35	291.9	1.47	0.77	
BU83NN	239.8	-0.46	0.40	624.7	-0.76	0.86	347.2	-1.25	0.08	431.0	-0.20	0.52	264.0	0.35	0.09	
CAU3RT	254.0	0.45	0.15	705.0	1.01	0.16	398.3	0.26	0.10	477.0	0.75	0.42	248.0	-0.30	0.42	
FBTF2Q	292.3	2.89X	1.63	717.3	1.28	2.69	440.0	1.48	3.33	555.7	2.38	2.68	286.3	1.25	0.98	
FZDHZT	267.2	1.28	0.79	722.5	1.39	1.21	420.5	0.91	1.31	524.3	1.73	0.57	265.2	0.40	0.86	
G3YRLE	260.7	0.87	1.29	690.3	0.68	0.60	454.3	1.90	0.90	459.3	0.39	1.00	296.0	1.64	0.97	
HMYA9K	253.0	0.38	1.32	631.7	-0.61	0.36	410.3	0.61	1.37	424.7	-0.33	0.61	265.3	0.40	0.20	
J78RVB	261.6	0.93	0.28	679.5	0.45	0.07	399.0	0.28	0.19	473.1	0.67	0.04	256.3	0.04	0.32	
KXWRYE	240.0	-0.45		629.0	-0.67		236.0	-4.52X		303.0	-2.85X		185.0	-2.83X		
LURJ89	226.7	-1.29	0.77	626.7	-0.72	0.77	362.7	-0.79	0.41	424.0	-0.34	0.63	218.3	-1.49	0.21	
NNEDQT	248.2	0.07	0.53	680.0	0.46	0.95	368.9	-0.61	0.36	436.8	-0.08	1.19	232.1	-0.93	0.05	
PN8UY8	267.1	1.28	0.25	654.5	-0.11	0.32	389.7	0.00	0.73	458.0	0.36	0.82	240.8	-0.59	0.43	
QP2VGJ	264.8	1.13	0.01	745.1	1.89	0.17	439.6	1.47	0.07	542.4	2.11	0.04	286.8	1.26	0.09	



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>T9P4PX</b>	<b>236.7</b>	-0.66	0.79	<b>644.3</b>	-0.33	0.17	<b>396.0</b>	0.19	0.67	<b>434.0</b>	-0.14	0.59	<b>245.7</b>	-0.39	0.85
<b>TBE3AN</b>	<b>233.8</b>	-0.84	0.19	<b>584.0</b>	-1.66	0.05	<b>379.7</b>	-0.29	0.44	<b>400.0</b>	-0.84	0.51	<b>239.0</b>	-0.66	0.30
<b>UB6TN2</b>	<b>247.0</b>	0.00	0.15	<b>659.3</b>	0.00	0.27	<b>404.0</b>	0.42	0.38	<b>435.3</b>	-0.11	0.16	<b>258.3</b>	0.12	0.76
<b>UFZLL3</b>	<b>240.7</b>	-0.40	1.60	<b>634.9</b>	-0.54	1.46	<b>372.3</b>	-0.51	1.85	<b>384.9</b>	-1.15	1.07	<b>242.5</b>	-0.52	1.00
<b>ULP4ZE</b>	<b>241.3</b>	-0.37	1.06	<b>653.1</b>	-0.14	0.36	<b>358.6</b>	-0.91	0.15	<b>457.5</b>	0.35	0.06	<b>260.8</b>	0.22	0.51
<b>VB6CQV</b>	<b>261.0</b>	0.89	0.53	<b>699.7</b>	0.89	1.15	<b>422.7</b>	0.97	1.35	<b>494.0</b>	1.10	0.72	<b>256.3</b>	0.04	2.10
<b>W9FZUB</b>	<b>254.9</b>	0.51	2.45	<b>651.5</b>	-0.17	1.43	<b>394.9</b>	0.16	1.25	<b>390.2</b>	-1.04	0.38	<b>277.0</b>	0.87	1.38
<b>WLEA94</b>	<b>239.7</b>	-0.47	0.10	<b>665.0</b>	0.12	0.21	<b>387.3</b>	-0.07	0.09	<b>471.6</b>	0.64	0.39	<b>230.5</b>	-1.00	0.04
<b>WVPBU6</b>	<b>259.0</b>	0.76	0.41	<b>688.0</b>	0.63	0.25	<b>408.1</b>	0.54	0.25	<b>465.7</b>	0.52	0.20	<b>264.5</b>	0.37	0.84
<b>YC4RPW</b>	<b>222.3</b>	-1.57	0.39	<b>655.0</b>	-0.10	0.27	<b>377.3</b>	-0.36	0.22	<b>386.3</b>	-1.12	0.10	<b>215.0</b>	-1.62	

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	247.0			659.3			389.7			440.7			255.3		
<b>Median Abs Dev</b>	8.4			27.7			16.7			25.0			14.6		
<b>Avg Within Lab SD</b>	6.5			18.5			11.6			15.6			7.2		
<b>Labs Included</b>	35			35			35			35			35		
<b>Labs Reporting</b>	36			36			36			36			36		



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
27PVW7	37.0	-0.35	0.34	11.7	-0.46	0.16	20.3	-0.24	0.70	21.7	-0.05	0.42	22.7	-0.24	1.08	
28L7UU	34.6	-0.80	0.12	6.7	-1.49	0.03	13.7	-1.81	0.13	15.2	-1.60	0.27	18.9	-1.09	0.24	
2NQD9W	55.1	3.05X	3.53	14.1	0.05	4.12	32.3	2.59X	4.78	37.0	3.61X	9.56	38.8	3.42X	10.35	
3H2HKX	39.0	0.03		12.2	-0.35	0.00	20.3	-0.25	0.00	21.9	0.01	0.00	23.6	-0.03	0.00	
6MJMA4	42.9	0.76	2.51	12.6	-0.26	0.30	20.8	-0.14	0.70	20.2	-0.41	1.90	23.5	-0.04	1.61	
6NDCDW	35.0	-0.72	0.34	9.7	-0.88	0.16	17.7	-0.87	0.27	18.3	-0.85	0.42	21.3	-0.54	0.41	
7NGYQ6	40.5	0.32	0.22	14.1	0.03	0.16	22.0	0.16	0.23	21.9	0.01	0.41	25.0	0.28	0.54	
89YQ6Q	31.4	-1.39	1.29	5.1	-1.83	0.17	13.3	-1.89	0.23	15.1	-1.62	0.64	15.6	-1.84	0.53	
8NB6K4	39.1	0.05	0.55	10.3	-0.74	0.03	18.4	-0.69	0.31	18.4	-0.84	0.04	23.6	-0.03	0.24	
8WLQ9X	38.7	-0.03	3.33	22.7	1.82	2.70	26.3	1.18	3.92	21.7	-0.05	1.53	26.3	0.59	3.50	
99RYT2	42.1	0.62	0.27	15.5	0.34	0.13	22.2	0.20	0.10	23.5	0.38	0.21	26.4	0.61	0.16	
APVVKY	40.3	0.28	1.22	20.5	1.37	0.43	24.4	0.72	0.79	31.3	2.25	2.84	51.4	6.28X	2.62	
BU83NN	39.3	0.08	0.22	11.6	-0.47	0.26	18.6	-0.64	0.30	18.3	-0.87	0.08	28.3	1.03	0.08	
CAU3RT	36.3	-0.48	0.05	7.9	-1.24	0.04	15.6	-1.36	0.08	16.5	-1.28	0.04	17.7	-1.36	0.45	
G3YRLE	71.0	6.05X	1.36	41.3	5.68X	0.69	37.7	3.85X	3.52	41.0	4.57X	3.67	61.0	8.46X	6.84	
HMYA9K	36.5	-0.45	0.06	14.3	0.07	0.13	22.8	0.34	0.41	21.8	-0.01	0.09	24.1	0.08	0.45	
KXWRYE	51.0	2.29		22.0	1.68		23.0	0.39		29.0	1.70		30.0	1.43		
LURJ89	34.8	-0.76	0.10	11.1	-0.58	0.19	20.9	-0.11	2.15	21.6	-0.07	1.85	20.1	-0.81	0.47	
NNEDQT	38.7	-0.03	0.35	13.5	-0.09	0.14	21.0	-0.09	0.47	22.1	0.06	0.93	23.6	-0.03	0.90	
PN8UY8	41.7	0.53	0.52	13.9	0.00	0.24	22.9	0.36	0.17	23.0	0.28	0.88	27.0	0.75	0.90	
QP2VGJ	43.3	0.84	0.02	15.0	0.23	0.05	30.3	2.12	0.29	30.7	2.11	0.19	35.5	2.68	0.39	
T9P4PX	29.3	-1.79	0.52	15.3	0.30	0.16	21.0	-0.08	0.46	23.3	0.35	1.12	22.0	-0.39	0.71	
UFZLL3	43.2	0.82	0.50	16.9	0.63	0.15	26.4	1.20	0.87	25.0	0.76	1.10	28.8	1.14	1.11	
ULP4ZE	34.9	-0.74	0.32	10.0	-0.80	0.17	16.6	-1.13	0.12	17.4	-1.07	0.23	20.9	-0.64	0.03	
W9FZUB	37.4	-0.27	0.24	17.9	0.83	0.09	23.6	0.52	0.61	20.0	-0.45	0.46	26.5	0.62	0.57	
WLEA94	39.5	0.12	0.10	13.4	-0.10	0.05	21.7	0.08	0.17	22.1	0.06	0.31	24.1	0.09	0.00	





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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110			
WebCode	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	
<b>WVPBU6</b>	<b>54.1</b>	2.88	1.27	<b>17.4</b>	0.72	0.29	<b>22.9</b>	0.37	0.36	<b>22.5</b>	0.15	0.98	<b>23.7</b>	0.00	1.28	
<b>YC4RPW</b>	<b>38.3</b>	-0.09	0.20	<b>18.0</b>	0.85		<b>24.0</b>	0.63		<b>23.0</b>	0.27		<b>26.0</b>	0.52		
Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS2106				SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	38.8			13.9			21.4			21.9			23.7			
<b>Median Abs Dev</b>	2.7			2.8			1.9			1.7			2.6			
<b>Avg Within Lab SD</b>	2.9			3.7			2.2			1.4			1.4			
<b>Labs Included</b>	26			27			26			26			25			
<b>Labs Reporting</b>	28			28			28			28			28			



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
27PVW7	23.3	0.23	0.50	20.3	0.11	0.42	26.3	0.48	0.47	6.7	-0.78	0.59	25.3	0.24	1.20	
2NQD9W	48.3	10.66X	3.79	38.5	8.55X	5.18	49.3	7.42X	4.36	32.0	16.72X	12.01	52.0	6.74X	6.67	
3H2HKX	23.2	0.17	0.00	19.3	-0.37	0.00	23.7	-0.31	0.00	8.4	0.43	0.00	22.5	-0.45		
6MJMA4	21.2	-0.68	2.18	20.5	0.19	0.77	25.7	0.30	1.97	7.8	-0.02	1.15	25.8	0.35	0.74	
6NDCDW	24.3	0.64	0.50	22.7	1.19	0.42	27.0	0.68		7.8	0.00	0.27	27.0	0.65		
7NGYQ6	21.5	-0.53	0.78	18.2	-0.89	0.55	24.4	-0.09	0.74	8.1	0.19	0.16	21.2	-0.78	0.64	
83RZZZ	22.0	-0.34	1.00	23.8	1.73	1.29	18.0	-2.02	0.57	10.3	1.75	0.31	18.9	-1.33	0.98	
89YQ6Q	22.7	-0.02	1.49	17.9	-1.00	0.54	24.5	-0.06	0.81	6.2	-1.08	0.31	22.4	-0.47	0.62	
8NB6K4	44.0	8.86X	0.55	75.9	25.88X	0.44	54.9	9.10X	2.27	18.9	7.66X	0.70	49.4	6.11X	3.11	
8WLQ9X	23.7	0.37	0.50	21.3	0.57	1.53	25.0	0.08	2.14	8.0	0.14		23.3	-0.25	0.90	
99RYT2	22.9	0.02	0.42	20.1	0.00	0.03	23.5	-0.37	0.15	8.7	0.60	0.10	25.2	0.20	0.07	
APVVKY	21.6	-0.51	1.09	20.4	0.15	0.55	26.5	0.52	0.12	7.1	-0.48	0.37	25.6	0.30	1.07	
BU83NN	22.6	-0.09	0.82	20.6	0.22	0.91	23.3	-0.44	0.09	7.7	-0.05	0.03	24.5	0.04	0.59	
CAU3RT	17.6	-2.18	0.06	14.8	-2.45	0.17	21.6	-0.96	0.14				18.3	-1.48	0.10	
G3YRLE	23.3	0.23	1.33	19.3	-0.36	0.42	29.3	1.39	0.93	5.3	-1.70	0.59	29.3	1.21	0.90	
GCPCQC	25.6	1.18	1.96	22.6	1.15	2.84	27.7	0.88	1.23	11.0	2.24	3.70	27.4	0.73	2.37	
HMYA9K	21.4	-0.58	1.08	19.6	-0.24	0.49	24.5	-0.08	0.51	8.1	0.21	0.41	23.1	-0.30	0.62	
J78RVB	27.9	2.13	0.64	31.5	5.28X	0.47	30.2	1.65	0.21	20.2	8.57X	0.79	25.8	0.36	1.00	
KXWRYE	18.6	-1.77		11.6	-3.93X		13.3	-3.44X		4.1	-2.54		14.3	-2.45		
LURJ89	20.8	-0.82	0.36	19.2	-0.43	0.89	23.6	-0.35	0.61	7.4	-0.25	0.37	21.1	-0.79	0.23	
NNEDQT	21.3	-0.64	0.70	18.4	-0.79	0.20	22.8	-0.59	0.46	8.0	0.16	0.30	22.7	-0.41	0.85	
PN8UY8	22.9	0.06	0.22	20.1	-0.01	0.44	24.7	0.00	1.20	7.6	-0.14	0.10	24.2	-0.04	0.44	
QP2VGJ	24.7	0.80	0.08	23.5	1.57	0.02	31.2	1.94	0.05	8.4	0.43	0.16	32.2	1.91	0.05	
T9P4PX	26.3	1.48	1.33	21.3	0.57	1.85	28.0	0.98	2.92	10.3	1.75	0.59	29.3	1.21	1.97	
UB6TN2	21.9	-0.36	0.31	19.8	-0.12	0.24	23.9	-0.24	0.38	7.4	-0.25	0.26	24.1	-0.07	0.33	
UFZLL3	22.9	0.03	0.58	19.3	-0.35	1.01	23.1	-0.50	0.25	7.8	-0.01	0.50	23.2	-0.28	1.40	



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### Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>ULP4ZE</b>	<b>21.2</b>	-0.65	0.67	<b>19.7</b>	-0.19	0.26	<b>23.2</b>	-0.46	0.17	<b>6.1</b>	-1.19	0.05	<b>26.1</b>	0.44	0.18
<b>VB6CQV</b>	<b>25.3</b>	1.06	2.01	<b>21.7</b>	0.73	2.25	<b>28.3</b>	1.08	1.24	<b>9.3</b>	1.06	2.59	<b>27.7</b>	0.81	1.97
<b>W9FZUB</b>	<b>26.7</b>	1.63	1.36	<b>30.1</b>	4.65X	1.31	<b>30.4</b>	1.71	1.28	<b>17.9</b>	6.98X	1.77	<b>30.4</b>	1.48	0.55
<b>WLEA94</b>	<b>22.6</b>	-0.09	0.36	<b>19.1</b>	-0.46	0.13	<b>24.6</b>	-0.03	0.02	<b>7.9</b>	0.09	0.20	<b>23.9</b>	-0.11	0.08
<b>WVPBU6</b>	<b>24.2</b>	0.60	0.25	<b>22.3</b>	1.01	0.38	<b>27.0</b>	0.67	0.31	<b>7.9</b>	0.09	0.11	<b>27.6</b>	0.79	0.98
<b>YC4RPW</b>	<b>22.0</b>	-0.33		<b>23.0</b>	1.34		<b>27.0</b>	0.68		<b>7.0</b>	-0.55		<b>23.0</b>	-0.33	

### Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	22.8			20.1			24.7			7.80			24.3		
<b>Median Abs Dev</b>	1.3			1.0			1.7			0.63			1.8		
<b>Avg Within Lab SD</b>	1.1			1.4			1.2			0.97			1.3		
<b>Labs Included</b>	30			27			29			27			30		
<b>Labs Reporting</b>	32			32			32			31			32		



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Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
28L7UU	599.3	1.46	0.70	632.2	0.93	1.67	385.1	0.63	1.44	874.5	1.46	0.78	676.0	0.88	1.37
2NQD9W	625.6	2.15	3.33	655.3	1.35	2.24	379.4	0.43	2.62	874.9	1.48	1.78	726.3	1.65	3.00
6MJMA4	524.0	-0.49	0.94	549.3	-0.58	1.82	372.3	0.18	1.43	811.7	-0.37	2.13	607.7	-0.17	1.37
6NDCDW	539.3	-0.09	0.16	599.3	0.33	0.52	391.0	0.84	0.94	819.3	-0.14	0.45	656.0	0.57	0.69
7NGYQ6	531.2	-0.30	0.42	541.7	-0.72	0.64	362.2	-0.18	0.18	789.5	-1.01	0.11	562.2	-0.87	0.19
89YQ6Q	506.1	-0.95	0.16	518.7	-1.14	0.85	336.5	-1.09	0.34	843.1	0.55	1.96	560.7	-0.89	0.40
99RYT2	539.7	-0.08	0.38	547.4	-0.61	0.30	324.7	-1.51	0.23	793.1	-0.91	0.07	605.6	-0.20	0.18
APVVKY	582.0	1.02	0.90	636.5	1.01	0.68	420.0	1.87	0.25	915.5	2.66	0.66	737.4	1.82	1.14
CAU3RT	610.0	1.74	0.08	623.0	0.76	0.66	382.0	0.52	0.53	847.3	0.67	0.22	639.3	0.31	0.23
KXWRYE	429.0	-2.95X		364.0	-3.95X		204.0	-5.78X		512.0	-9.10X		350.0	-4.13X	
LURJ89	530.0	-0.33	0.41	574.3	-0.12	0.62	360.7	-0.23	0.50	822.7	-0.04	0.78	588.0	-0.47	0.19
NNEDQT	543.7	0.03	0.18	566.7	-0.26	0.38	352.2	-0.54	0.63	823.6	-0.02	0.45	575.3	-0.67	0.07
PN8UY8	553.1	0.27	0.36	567.9	-0.24	0.41	373.9	0.24	0.87	852.6	0.83	1.08	602.4	-0.25	0.27
QP2VGJ	690.3	3.82X	0.08	727.8	2.67X	0.01	460.6	3.30X	0.03	946.3	3.56X	0.01	832.8	3.29X	0.09
T9P4PX	560.0	0.45	0.68	611.3	0.55	0.51	359.0	-0.29	1.05	828.0	0.11	0.31	633.7	0.23	0.29
ULP4ZE	541.8	-0.03	0.72	587.8	0.12	0.71	356.6	-0.38	0.26	824.8	0.02	0.11	653.9	0.54	0.02
WLEA94	510.0	-0.85	0.21	521.7	-1.08	0.15	347.0	-0.72	0.15	810.3	-0.40	0.10	548.3	-1.08	0.11
YC4RPW	565.0	0.58		635.0	0.98		400.0	1.16		820.0	-0.12		630.0	0.17	

Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
Grand Median	542.8			581.1			367.3			824.2			618.8		
Median Abs Dev	18.0			36.5			14.9			16.4			36.1		
Avg Within Lab SD	22.3			19.8			11.6			37.6			28.0		
Labs Included	16			16			16			16			16		
Labs Reporting	18			18			18			18			18		



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
27PVW7	6.43	0.13	0.71	2.90	0.45	0.96	11.03	0.39	0.29	1.57	0.19	0.05	97.73	0.27	1.29
28L7UU	7.02	1.05	0.31	2.69	-0.12	0.08	10.39	-0.03	0.11	1.48	-0.03	0.04	108.75	1.01	0.17
2NQD9W	12.77	10.07X	7.07	4.35	4.39X	48.49	17.26	4.40X	6.69	2.79	3.52	5.54	223.15	8.67X	8.15
3H2HKX	6.26	-0.14	0.00	2.55	-0.50	0.00	10.00	-0.28		1.55	0.15	0.00	91.20	-0.16	0.00
6MJMA4	6.29	-0.09	3.47	2.91	0.48	1.16	10.10	-0.21	0.75	1.58	0.23	0.12	88.87	-0.32	2.15
6NDCDW	6.37	0.03	0.70	2.88	0.41	0.22	10.86	0.28	0.43	1.45	-0.13	0.02	97.67	0.27	0.43
7NGYQ6	6.11	-0.37	0.11	2.74	0.02	0.57	10.47	0.03	0.30	1.63	0.35	0.02	83.05	-0.71	0.42
83RZZZ	5.57	-1.22	0.93	2.95	0.58	0.17	9.74	-0.44	0.75	1.46	-0.11	0.09	86.87	-0.45	0.49
89YQ6Q	5.65	-1.09	0.97	1.73	-2.74	1.23	9.85	-0.37	0.60	0.46	-2.82	0.05	88.83	-0.32	0.63
8NB6K4	6.38	0.05	0.82	2.19	-1.47	1.76	10.03	-0.26	0.67	1.09	-1.12	0.09	98.32	0.31	1.66
8WLQ9X	2.40	-6.19X	0.49	1.10	-4.45X	0.55	3.70	-4.34X	0.00	0.47	-2.81	0.05	31.33	-4.17X	0.16
99RYT2	6.17	-0.28	0.35	2.66	-0.20	0.29	9.17	-0.81	0.06	1.45	-0.14	0.03	94.56	0.06	0.09
APVVKY	5.78	-0.90	0.76	2.56	-0.48	0.85	10.34	-0.06	0.12	1.47	-0.07	0.16	111.84	1.22	2.67
BU83NN	6.11	-0.38	0.05	2.70	-0.10	0.50	9.46	-0.62	0.04	1.36	-0.36	0.01	91.85	-0.12	0.44
CAU3RT	6.95	0.94	0.35	2.91	0.48	0.22	11.40	0.62	0.00	1.50	0.00	0.02	101.00	0.49	0.28
FBTF2Q	7.01	1.04	0.23	3.12	1.05	0.42	7.70	-1.76	0.80	1.59	0.26	0.09	113.17	1.31	0.38
FZDHZT	5.98	-0.57	0.36	2.43	-0.82	0.32	10.52	0.05	0.16	1.40	-0.26	0.16	138.17	2.98	2.09
G3YRLE	7.10	1.18	0.28	3.03	0.82	0.64	12.63	1.42	0.40	1.70	0.56	0.00	106.67	0.87	0.98
HMYA9K	5.93	-0.66	0.17	2.91	0.47	0.74	9.91	-0.34	0.28	1.75	0.68	0.02	84.49	-0.61	0.50
J78RVB	6.84	0.77	0.05	2.73	0.00	0.31	10.57	0.09	0.06	1.45	-0.12	0.03	93.39	-0.02	0.11
KXWRYE	5.76	-0.92		1.95	-2.14		6.35	-2.63		0.84	-1.79		68.26	-1.70	
LURJ89	6.46	0.17	2.93	3.16	1.15	4.02	12.09	1.07	4.60	4.17	7.29X	1.22	83.47	-0.68	0.50
NNEDQT	6.01	-0.53	0.16	2.73	-0.02	0.15	9.72	-0.46	0.16	1.55	0.13	0.01	83.73	-0.66	0.45
PN8UY8	6.39	0.07	0.18	2.72	-0.04	0.28	10.52	0.06	0.24	1.50	0.00	0.01	79.41	-0.95	0.01
QP2VGJ	7.83	2.32	0.03	3.55	2.22	0.10	13.31	1.86	0.01	1.88	1.05	0.01	116.46	1.53	0.16
T9P4PX	5.60	-1.18	0.28	2.40	-0.91	0.55	8.97	-0.94	0.58	2.00	1.37	0.41	81.83	-0.79	0.72



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>UB6TN2</b>	<b>6.53</b>	0.29	0.59	<b>2.67</b>	-0.18	0.32	<b>11.07</b>	0.41	0.21	<b>1.37</b>	-0.35	0.05	<b>93.90</b>	0.02	0.07
<b>UFZLL3</b>	<b>6.15</b>	-0.31	1.03	<b>2.67</b>	-0.18	1.08	<b>10.31</b>	-0.08	0.66	<b>1.38</b>	-0.31	0.09	<b>91.10</b>	-0.17	1.84
<b>ULP4ZE</b>	<b>6.57</b>	0.34	1.23	<b>2.93</b>	0.53	0.31	<b>10.10</b>	-0.21	0.11	<b>1.56</b>	0.16	0.03	<b>104.73</b>	0.74	0.20
<b>VB6CQV</b>	<b>7.20</b>	1.33	1.47	<b>3.13</b>	1.09	1.28	<b>11.93</b>	0.97	0.29	<b>1.80</b>	0.83	0.16	<b>98.83</b>	0.35	1.29
<b>W9FZUB</b>	<b>7.30</b>	1.49	0.38	<b>5.07</b>	6.38X	0.72	<b>15.39</b>	3.20	2.10	<b>6.11</b>	12.59X	0.53	<b>99.05</b>	0.36	0.46
<b>WLEA94</b>	<b>6.27</b>	-0.12	0.53	<b>2.70</b>	-0.10	0.03	<b>10.60</b>	0.11	0.15	<b>1.70</b>	0.56	0.01	<b>85.69</b>	-0.53	0.14
<b>WVPBU6</b>	<b>7.37</b>	1.60	0.20	<b>2.83</b>	0.27	0.81	<b>12.34</b>	1.23	0.47	<b>1.55</b>	0.16	0.10	<b>102.75</b>	0.61	0.70
<b>YC4RPW</b>	<b>6.33</b>	-0.03	0.16	<b>3.05</b>	0.86	0.28	<b>10.90</b>	0.30	0.00	<b>1.15</b>	-0.95	0.00	<b>79.00</b>	-0.98	

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	6.35			2.73			10.4			1.50			93.6		
<b>Median Abs Dev</b>	0.35			0.18			0.6			0.10			8.5		
<b>Avg Within Lab SD</b>	0.35			0.18			0.7			1.11			3.6		
<b>Labs Included</b>	32			31			32			32			32		
<b>Labs Reporting</b>	34			34			34			34			34		



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
27PVW7	71.7	-0.14	0.83	161.0	-1.07	0.40	199.0	-0.88	0.91	102.7	-1.14	0.70	40.7	-0.94	0.67	
28L7UU	82.8	1.43	0.12	140.6	-1.68	3.28	193.0	-1.05	1.39	84.1	-1.90	2.92	30.9	-1.76	1.78	
2NQD9W	77.7	0.70	2.81	226.8	0.90	1.22	246.2	0.49	1.72	142.8	0.51	2.12	62.1	0.85	1.97	
3H2HKX	70.6	-0.29	0.00	182.0	-0.44		222.0	-0.21		141.0	0.43		50.1	-0.16	0.00	
6MJMA4	77.4	0.67	1.70	208.0	0.34	1.39	250.7	0.61	2.34	145.7	0.62	2.25	58.8	0.57	2.35	
6NDCDW	73.0	0.05	0.40	222.7	0.78	0.57	254.3	0.72	0.96	132.7	0.09	0.16	63.3	0.95	0.44	
7NGYQ6	69.5	-0.45	0.63	210.3	0.41	0.78	248.0	0.54	0.37	136.4	0.25	0.58	51.7	-0.02	0.34	
83RZZZ	57.7	-2.10	2.33	180.0	-0.50	1.17	186.4	-1.25	1.18	115.5	-0.61	1.06	48.8	-0.27	0.33	
89YQ6Q	68.2	-0.63	0.28	183.5	-0.40	0.42	221.3	-0.24	0.70	128.2	-0.09	0.24	44.3	-0.64	0.12	
8NB6K4	79.6	0.97	1.64	224.2	0.82	0.69	246.6	0.50	0.93	141.6	0.46	1.13	68.4	1.37	0.91	
8WLQ9X	69.7	-0.42	0.83	167.7	-0.87	0.46	174.7	-1.58	0.97	112.0	-0.76	0.36	65.0	1.09	1.05	
99RYT2	73.1	0.06	0.41	193.8	-0.09	0.12	202.9	-0.77	0.32	133.8	0.14	0.18	61.6	0.81	0.29	
APVVKY	65.8	-0.96	1.11	167.8	-0.87	0.78	216.9	-0.36	0.51	101.6	-1.18	0.49	43.8	-0.68	1.88	
BU83NN	72.0	-0.10	0.72	180.5	-0.49	0.42	202.7	-0.77	0.84	112.5	-0.74	0.04	47.7	-0.35	0.55	
CAU3RT	84.3	1.64	0.12	224.7	0.84	0.13	250.7	0.61	0.80	143.7	0.54	0.28	57.7	0.48	0.27	
FBTF2Q	94.9	3.11X	0.21	237.5	1.22	1.38	274.4	1.30	0.26	173.7	1.77	0.28	66.7	1.23	0.09	
FZDHZT	69.7	-0.42	0.61	166.3	-0.91	0.36	205.0	-0.71	0.75	110.7	-0.81	0.41	40.7	-0.94	0.67	
G3YRLE	78.7	0.84	0.46	206.0	0.28	0.48	255.3	0.75	0.16	124.7	-0.24	0.31	63.0	0.92	2.03	
J78RVB	82.4	1.36	0.40	209.4	0.38	0.31	242.3	0.37	0.22	127.3	-0.13	0.28	48.6	-0.28	0.16	
KXWRYE	66.7	-0.84		103.7	-2.79X		116.9	-3.26X		60.5	-2.87X		33.8	-1.52		
LURJ89	72.3	-0.05	0.25	179.7	-0.51	0.71	211.0	-0.53	0.43	116.0	-0.59	0.85	43.8	-0.68	0.44	
NNEDQT	70.7	-0.27	0.50	204.0	0.22	0.28	229.2	-0.01	0.88	133.4	0.12	0.48	49.0	-0.25	0.73	
PN8UY8	75.8	0.44	0.26	201.0	0.13	0.42	233.9	0.13	0.49	137.8	0.30	0.46	53.0	0.09	0.20	
QP2VGJ	88.4	2.21	0.08	258.2	1.84	0.06	307.1	2.25	0.08	169.7	1.61	0.06	93.1	3.43X	0.02	
T9P4PX	71.4	-0.18	1.22	161.2	-1.07	1.03	209.6	-0.57	0.72	94.7	-1.47	0.28	52.2	0.02	0.70	
UB6TN2	74.7	0.28	0.23	164.7	-0.96	0.28	198.0	-0.91	0.11	103.0	-1.13	0.14	43.3	-0.72	0.17	



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>UFZLL3</b>	<b>73.5</b>	0.11	1.43	<b>167.9</b>	-0.87	1.26	<b>205.8</b>	-0.68	0.71	<b>100.8</b>	-1.21	1.27	<b>44.4</b>	-0.63	1.32
<b>ULP4ZE</b>	<b>75.6</b>	0.41	0.87	<b>223.4</b>	0.80	0.46	<b>240.7</b>	0.33	0.32	<b>155.5</b>	1.03	0.08	<b>70.8</b>	1.58	0.20
<b>VB6CQV</b>	<b>81.0</b>	1.17	0.40	<b>199.7</b>	0.09	1.07	<b>245.0</b>	0.45	1.02	<b>134.3</b>	0.16	0.28	<b>52.3</b>	0.03	1.70
<b>W9FZUB</b>	<b>67.4</b>	-0.74	1.18	<b>186.3</b>	-0.31	1.97	<b>214.1</b>	-0.44	2.38	<b>117.0</b>	-0.55	2.08	<b>56.4</b>	0.37	0.16
<b>WLEA94</b>	<b>70.4</b>	-0.32	0.15	<b>189.7</b>	-0.21	0.24	<b>229.7</b>	0.01	0.20	<b>138.2</b>	0.32	0.36	<b>46.0</b>	-0.49	0.10
<b>WVPBU6</b>	<b>81.6</b>	1.25	0.38	<b>222.0</b>	0.76	0.73	<b>277.7</b>	1.40	1.61	<b>136.7</b>	0.25	0.56	<b>57.7</b>	0.48	0.17
<b>YC4RPW</b>	<b>72.0</b>	-0.09		<b>215.0</b>	0.55		<b>235.0</b>	0.16		<b>120.0</b>	-0.43		<b>57.0</b>	0.42	

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	72.7			196.7			229.4			130.5			52.0		
<b>Median Abs Dev</b>	3.2			21.8			20.5			13.3			7.6		
<b>Avg Within Lab SD</b>	2.5			9.0			9.4			7.4			3.4		
<b>Labs Included</b>	32			32			32			32			32		
<b>Labs Reporting</b>	33			33			33			33			33		





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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
27PVW7	116.3	-0.67	0.47	106.7	-0.93	0.53	98.7	-0.79	1.09	201.7	-0.71	0.78	129.7	-0.98	0.71
28L7UU	150.9	0.81	0.46	111.5	-0.72	3.09	101.6	-0.64	1.33	202.8	-0.66	1.58	119.1	-1.36	3.12
2NQD9W	156.8	1.05	2.92	154.7	1.10	1.88	127.9	0.74	2.58	248.5	1.08	1.94	171.1	0.54	2.20
3H2HKX	123.0	-0.38		119.0	-0.41		112.0	-0.09		234.0	0.53		141.0	-0.56	
6MJMA4	130.3	-0.07	1.33	132.0	0.14	1.52	123.7	0.52	1.66	228.0	0.30	1.74	161.3	0.18	1.46
6NDCDW	137.3	0.23	0.61	148.7	0.84	0.86	139.3	1.34	0.13	240.0	0.76	0.96	182.7	0.96	0.71
7NGYQ6	126.9	-0.22	0.32	125.5	-0.13	0.48	121.1	0.38	0.15	219.4	-0.03	0.33	142.5	-0.51	0.33
83RZZZ	132.0	0.00	1.13	140.7	0.51	1.27	111.4	-0.12	1.30	213.0	-0.28	0.53	156.3	0.00	0.41
89YQ6Q	124.3	-0.33	0.16	122.9	-0.24	0.77	113.7	0.00	0.42	236.7	0.63	3.45	142.9	-0.49	0.33
8NB6K4	162.7	1.31	2.08	160.6	1.35	0.41	141.5	1.45	1.13	213.9	-0.24	0.84	194.6	1.40	0.34
8WLQ9X	167.7	1.52	0.22	172.0	1.83	0.46	147.3	1.76	0.92	216.0	-0.16	1.34	184.7	1.04	1.32
99RYT2	134.9	0.13	0.13	133.2	0.19	0.26	110.5	-0.17	0.33	226.7	0.25	0.12	156.8	0.02	0.18
APVVKY	133.2	0.05	1.18	128.6	0.00	1.12	114.8	0.06	1.23	221.0	0.03	0.96	161.1	0.18	1.74
BU83NN	112.8	-0.82	0.35	103.1	-1.08	0.15	101.6	-0.63	0.38	196.9	-0.89	0.12	134.0	-0.82	0.15
CAU3RT	148.7	0.71	0.17	144.3	0.66	0.20	126.0	0.64	0.97	225.7	0.21	0.18	163.0	0.24	0.12
FBTF2Q	194.8	2.67	2.24	174.2	1.92	1.09	163.7	2.61	0.38	279.8	2.28	0.39	204.0	1.75	0.32
FZDHZT	116.7	-0.65	0.22	106.7	-0.93	0.27	101.7	-0.63	1.05	198.0	-0.85	0.31	137.0	-0.71	0.32
G3YRLE	137.3	0.23	0.51	134.7	0.25	0.86	122.0	0.43	0.22	180.3	-1.52	0.78	175.0	0.68	0.32
J78RVB	174.8	1.82	0.10	159.9	1.31	0.18	143.4	1.55	0.22	255.2	1.34	0.28	175.3	0.69	0.49
KXWRYE	89.8	-1.79		75.3	-2.25X		57.0	-2.96X		138.9	-3.11X		73.8	-3.02X	
LURJ89	128.3	-0.16	0.66	127.0	-0.07	0.53	110.7	-0.16	0.34	223.0	0.11	0.62	141.0	-0.56	0.32
NNEDQT	123.4	-0.36	0.24	124.7	-0.17	0.26	111.6	-0.11	0.43	207.7	-0.48	0.56	138.2	-0.66	0.93
PN8UY8	129.2	-0.12	0.34	126.2	-0.10	0.74	109.1	-0.24	0.37	222.2	0.08	0.62	139.6	-0.61	0.32
QP2VGJ	220.4	3.76X	0.10	201.6	3.07X	0.03	180.3	3.48X	0.04	272.4	1.99	0.08	252.1	3.50X	0.02
T9P4PX	132.0	0.00	0.67	120.0	-0.37	0.35	104.7	-0.47	0.46	201.0	-0.73	0.79	131.0	-0.93	0.65
UB6TN2	130.7	-0.06	0.37	119.0	-0.41		109.0	-0.25	0.66	209.3	-0.42	0.13	136.7	-0.72	0.19



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>UFZLL3</b>	<b>127.1</b>	-0.21	1.15	<b>120.8</b>	-0.33	1.00	<b>110.3</b>	-0.18	1.10	<b>206.0</b>	-0.54	0.63	<b>138.7</b>	-0.65	0.99
<b>ULP4ZE</b>	<b>146.9</b>	0.63	0.60	<b>155.9</b>	1.15	0.73	<b>134.3</b>	1.07	0.61	<b>242.1</b>	0.84	0.06	<b>183.9</b>	1.01	0.09
<b>VB6CQV</b>	<b>146.0</b>	0.60	0.51	<b>128.7</b>	0.00	0.66	<b>121.7</b>	0.41	1.09	<b>218.3</b>	-0.07	0.20	<b>161.7</b>	0.20	0.67
<b>W9FZUB</b>	<b>123.5</b>	-0.36	1.35	<b>128.7</b>	0.00	1.48	<b>112.3</b>	-0.07	1.99	<b>182.1</b>	-1.46	0.53	<b>153.7</b>	-0.10	1.56
<b>WLEA94</b>	<b>118.8</b>	-0.56	0.07	<b>111.7</b>	-0.71	0.42	<b>110.9</b>	-0.15	0.49	<b>213.9</b>	-0.24	0.13	<b>134.3</b>	-0.81	0.02
<b>WVPBU6</b>	<b>186.7</b>	2.32	0.55	<b>170.3</b>	1.76	0.20	<b>154.7</b>	2.14	0.71	<b>265.0</b>	1.71	0.09	<b>185.3</b>	1.06	0.07
<b>YC4RPW</b>	<b>150.0</b>	0.77		<b>160.0</b>	1.32		<b>135.0</b>	1.11		<b>225.0</b>	0.18		<b>170.0</b>	0.50	

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg				
	SRS2106		SRS2107		SRS2108		SRS2109		SRS2110	
<b>Grand Median</b>	132.0		128.7		113.7		220.2		156.3	
<b>Median Abs Dev</b>	11.1		12.0		9.1		14.0		18.1	
<b>Avg Within Lab SD</b>	6.8		5.7		4.5		11.6		8.2	
<b>Labs Included</b>	32		31		31		32		31	
<b>Labs Reporting</b>	33		33		33		33		33	



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
27PVW7	1.53	-0.73	0.69	3.03	-0.89	0.33	0.83	-0.52	0.61	2.10	-0.43	0.78	2.83	-0.69	0.69	
28L7UU	1.73	0.19	0.69	3.26	-0.15	0.68	0.76	-0.84	0.61	1.78	-1.91	2.33	3.10	0.00	1.28	
2NQD9W	3.37	7.67X	4.39	3.70	1.30	4.37	0.73	-0.98	0.63	3.27	5.02X	5.36	2.99	-0.29	4.26	
3H2HKX	1.56	-0.61	0.00	2.99	-1.04	0.00	0.85	-0.45	0.00	2.38	0.87	0.00	2.67	-1.11	0.00	
6MJMA4	1.58	-0.53	0.42	3.39	0.28	0.25	0.93	-0.09	0.38	2.27	0.37	1.73	3.11	0.02	1.35	
6NDCDW	1.81	0.55	0.54	3.65	1.15	0.19	1.01	0.28	0.21	2.26	0.33	0.29	3.48	0.99	0.09	
7NGYQ6	1.62	-0.33	0.33	3.05	-0.85	0.50	0.93	-0.09	0.31	2.24	0.24	0.39	2.74	-0.94	0.27	
83RZZZ	1.43	-1.22	0.72	3.25	-0.17	1.07	0.90	-0.24	0.60	1.92	-1.25	0.93	3.21	0.27	0.69	
89YQ6Q	1.47	-1.04	0.56	2.92	-1.26	0.87	0.71	-1.06	0.62	2.16	-0.17	1.23	2.85	-0.65	0.29	
8NB6K4	1.68	-0.08	0.86	3.43	0.41	0.01	0.95	0.00	0.38	2.08	-0.52	0.06	3.57	1.22	0.94	
8WLQ9X	1.87	0.79	3.45	3.30	-0.02	1.00	1.17	0.98	3.07	2.10	-0.43	0.78	3.07	-0.09	0.91	
99RYT2	1.73	0.15	0.61	3.22	-0.28	0.23	0.83	-0.54	0.10	2.25	0.25	0.18	3.13	0.08	0.18	
APVVKY	1.78	0.38	1.02	3.40	0.30	1.43	1.42	2.11	0.16	2.38	0.85	1.51	3.27	0.45	1.48	
BU83NN	1.55	-0.64	0.18	3.10	-0.69	0.94	0.81	-0.62	0.49	2.11	-0.37	0.86	2.82	-0.71	0.03	
CAU3RT	1.85	0.72	0.00	3.72	1.38	0.35	1.01	0.29	0.06	2.40	0.94	0.20	3.29	0.49	0.21	
FBTF2Q	1.47	-1.04	0.77	3.31	0.02	0.17	0.34	-2.74X	0.00	1.81	-1.77	1.39	3.12	0.06	0.09	
FZDHZT	1.43	-1.19	0.38	3.06	-0.80	0.99	0.77	-0.79	0.32	1.94	-1.19	0.45	2.74	-0.92	0.29	
G3YRLE	1.90	0.95	2.07	3.77	1.52	0.67	1.23	1.28	0.61	2.30	0.50	2.79	3.80	1.81	0.60	
J78RVB	1.96	1.21	1.14	3.40	0.33	0.49	1.20	1.11	0.85	2.71	2.42	0.49	3.80	1.81	0.44	
KXWRYE	1.63	-0.29		2.42	-2.91X		0.69	-1.17		1.57	-2.90X		1.62	-3.82X		
LURJ89				3.09	-0.70	0.61				2.19	-0.02	0.74	2.80	-0.78	0.75	
NNEDQT	1.59	-0.47	0.48	3.16	-0.47	0.31	0.90	-0.21	0.37	2.34	0.68	0.47	2.77	-0.87	0.41	
PN8UY8	1.60	-0.41	0.23	2.95	-1.15	0.13	0.97	0.11	0.22	2.11	-0.38	0.16	2.69	-1.06	0.26	
QP2VGJ	2.01	1.45	0.12	4.03	2.39	0.05	1.14	0.86	0.11	2.50	1.42	0.08	4.15	2.70X	0.09	
T9P4PX	1.90	0.95	1.20	3.23	-0.24	0.89	1.40	2.03	3.83	2.30	0.50	1.55	3.23	0.34	0.69	
UB6TN2	1.72	0.14	1.31	3.38	0.25	0.44	0.92	-0.15	0.96	2.12	-0.36	1.16	2.98	-0.32	1.09	



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>UFZLL3</b>	<b>1.69</b>	0.00	0.90	<b>3.29</b>	-0.05	0.87	<b>0.93</b>	-0.10	0.37	<b>2.16</b>	-0.15	0.78	<b>2.88</b>	-0.56	0.81	
<b>ULP4ZE</b>	<b>1.73</b>	0.15	0.86	<b>3.38</b>	0.26	0.19	<b>0.98</b>	0.14	0.18	<b>2.29</b>	0.46	0.04	<b>3.46</b>	0.94	0.28	
<b>VB6CQV</b>	<b>2.00</b>	1.41	1.20	<b>3.53</b>	0.75	0.33	<b>1.07</b>	0.53	0.61	<b>2.30</b>	0.50	0.00	<b>3.27</b>	0.43	0.35	
<b>W9FZUB</b>	<b>1.89</b>	0.92	0.30	<b>3.46</b>	0.50	1.29	<b>1.32</b>	1.66	0.16	<b>2.19</b>	0.00	0.38	<b>3.49</b>	1.00	0.28	
<b>WLEA94</b>	<b>1.62</b>	-0.34	0.60	<b>3.19</b>	-0.39	0.15	<b>1.01</b>	0.26	0.34	<b>2.44</b>	1.13	0.36	<b>2.87</b>	-0.59	0.21	
<b>WVPBU6</b>	<b>2.02</b>	1.51	0.60	<b>3.70</b>	1.31	0.45	<b>1.27</b>	1.46	0.49	<b>2.18</b>	-0.06	0.23	<b>3.43</b>	0.85	0.41	
<b>YC4RPW</b>	<b>1.58</b>	-0.52	0.00	<b>3.40</b>	0.31	0.00	<b>0.95</b>	0.00	0.00	<b>2.10</b>	-0.43	0.00	<b>2.88</b>	-0.58	0.15	

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	1.69			3.31			0.95			2.19			3.10			
<b>Median Abs Dev</b>	0.13			0.15			0.12			0.10			0.25			
<b>Avg Within Lab SD</b>	0.08			0.17			0.09			0.13			0.17			
<b>Labs Included</b>	31			32			31			31			31			
<b>Labs Reporting</b>	32			33			32			33			33			



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
27PVW7	0.60	0.95	0.00	1.63	1.13	0.71	0.87	1.08	0.78	0.40	0.74	0.00	1.00	1.44	1.03	
3H2HKX	0.51	0.43	0.00	1.48	0.48	0.00	0.73	0.33	0.00	0.29	0.23	0.00	0.80	0.26	0.00	
6MJMA4	0.42	-0.11	2.23	1.29	-0.31	0.97	0.71	0.24	1.70	0.20	-0.17	1.95	0.90	0.87	3.79	
7NGYQ6	0.47	0.18	0.20	1.33	-0.15	0.32	0.68	0.05	0.30	0.15	-0.40	0.07	0.70	-0.35	0.16	
89YQ6Q	0.26	-1.01	0.84	0.74	-2.63	0.51	0.41	-1.40	0.39	0.11	-0.62	0.48	0.45	-1.80	0.27	
8WLQ9X	0.10	-1.96	0.00	0.10	-5.30X	0.00	0.10	-3.12X	0.00	0.10	-0.65	0.00	0.10	-3.87X	0.00	
99RYT2	0.16	-1.62	1.59	1.13	-0.97	0.67	0.37	-1.67	0.24	-0.21	-2.07	0.22	0.55	-1.19	0.33	
APVVKY	0.37	-0.41	1.59	1.17	-0.83	0.71	0.60	-0.38	0.00	0.20	-0.19	0.00	0.73	-0.13	0.60	
BU83NN	0.42	-0.08	0.69	1.41	0.20	0.19	0.62	-0.27	0.27	0.24	-0.03	0.26	0.81	0.32	0.09	
CAU3RT	0.43	-0.03	0.22	1.44	0.31	0.21	0.65	-0.10	0.44				0.81	0.34	0.28	
G3YRLE	0.97	3.09X	3.18	1.40	0.15	2.45	0.93	1.45	3.92	0.53	1.35	3.61	1.57	4.78X	1.58	
J78RVB	0.68	1.42	0.30	1.42	0.24	0.19	0.86	1.04	0.11	0.51	1.23	0.38	0.98	1.29	0.06	
KXWRYE	0.71	1.60		1.66	1.24		0.64	-0.16		0.34	0.46		0.74	-0.09		
NNEDQT	0.44	0.03	0.66	1.41	0.19	0.23	0.67	0.01	0.36	0.14	-0.45	0.07	0.74	-0.08	0.04	
PN8UY8	0.45	0.06	0.42	1.43	0.28	0.11	0.61	-0.34	0.36	0.15	-0.42	0.10	0.76	0.00	0.26	
QP2VGJ	0.15	-1.67	0.73	1.28	-0.34	0.60	0.45	-1.18	0.08	0.53	1.32	0.38	1.19	2.54	0.22	
T9P4PX	0.49	0.31	0.73	1.12	-1.01	1.91	0.78	0.63	0.42	0.63	1.80	0.66	1.52	4.52X	0.98	
UB6TN2	0.41	-0.13	0.69	1.21	-0.66	0.37	0.58	-0.47	0.28	0.22	-0.11	0.14	0.66	-0.59	0.22	
UFZLL3	0.46	0.16	2.07	0.92	-1.87	2.32	0.62	-0.27	1.09	0.30	0.27	0.83	0.69	-0.39	1.96	
ULP4ZE	0.30	-0.81	0.42	1.18	-0.78	0.00	0.50	-0.95	0.08	0.03	-0.96	0.07	0.71	-0.29	0.16	
VB6CQV	0.63	1.15	1.59	1.43	0.29	0.71	0.87	1.08	0.78	0.33	0.43	1.81	0.93	1.05	0.60	
W9FZUB	0.37	-0.37	0.16	1.32	-0.20	0.81	0.67	0.02	0.08	0.25	0.03	0.65	0.76	0.00	0.22	
WLEA94	0.39	-0.29	0.69	1.26	-0.45	0.46	0.67	-0.01	0.80	0.20	-0.19	0.76	0.65	-0.61	0.12	
WVPBU6	0.51	0.43	1.38	1.68	1.32	1.78	1.06	2.16	0.75	0.49	1.14	0.30	0.89	0.77	0.67	
YC4RPW	0.60	0.97	0.16	1.40	0.15	0.00	0.83	0.88	0.00	0.44	0.92	0.00	0.83	0.44	0.00	



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110	
<b>Grand Median</b>	0.44	1.37	0.67	0.24	0.76	
<b>Median Abs Dev</b>	0.07	0.09	0.08	0.10	0.07	
<b>Avg Within Lab SD</b>	0.04	0.08	0.07	0.08	0.10	
<b>Labs Included</b>	24	24	24	24	22	
<b>Labs Reporting</b>	25	25	25	24	25	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
28L7UU	3.28	0.29	0.42	0.80	-0.02	0.24	4.98	0.13	0.37	1.06	0.53	0.27	67.39	-0.14	0.12	
2NQD9W	3.76	1.48	1.54	1.01	1.49	1.58	5.90	1.31	4.48	27.30	93.65X	465.83	52.38	-0.90	5.77	
2QV4DQ	2.73	-1.09	0.92	0.73	-0.47	1.27	4.83	-0.05	0.93	0.43	-1.71	0.63	71.17	0.06	0.31	
2XXDL4	1.72	-3.64X	1.03	0.50	-2.10	0.44	0.54	-5.50X	0.44	2.99	7.36X	11.19	21.47	-2.49	0.55	
32BAR7	2.87	-0.73	0.36	0.70	-0.71	0.37	4.07	-1.01	0.08	1.07	0.56	3.37	64.72	-0.27	0.14	
477JED	3.13	-0.08	0.28	0.75	-0.35	0.44	4.53	-0.44	0.17	0.94	0.08	0.23	76.37	0.32	0.24	
4GLFB4	3.18	0.05	0.08	0.72	-0.55	0.01	3.77	-1.39	0.13	0.82	-0.34	0.01	56.73	-0.68	0.06	
4PGFU3	3.04	-0.31	0.73	0.92	0.84	0.21	5.17	0.37	0.12	0.90	-0.04	0.22	73.42	0.17	0.27	
63XXV6	3.21	0.11	0.85	0.79	-0.09	0.46	4.72	-0.19	0.44	0.89	-0.10	0.44	81.14	0.57	0.08	
6AGXFN	3.17	0.02	0.67	1.12	2.27	0.09	5.61	0.94	0.01	0.95	0.11	0.19	68.78	-0.07	0.06	
6MJMA4	3.22	0.14	1.51	0.81	0.09	1.65	5.30	0.55	2.23	1.80	3.16	2.62	71.90	0.09	0.65	
83RZZZ	3.20	0.08	0.69	0.83	0.20	0.14	5.35	0.61	0.08	0.93	0.05	0.54	64.30	-0.29	0.18	
9N78QJ	3.16	-0.02	0.22	0.91	0.75	0.92	4.42	-0.57	0.19	1.07	0.56	0.28	70.07	0.00	0.19	
AA32EZ	3.68	1.30	1.44	0.90	0.72	2.11	5.59	0.91	0.13	0.91	0.00	1.31	77.93	0.40	0.80	
AN6UJG	2.51	-1.65	0.16	0.49	-2.15	0.77	4.06	-1.03	0.49	0.60	-1.13	0.39	54.62	-0.79	0.08	
CDTEMT	3.63	1.18	0.92	0.78	-0.12	0.46	4.93	0.08	0.43	1.00	0.30	0.96	80.00	0.51	0.34	
CL8ZYH	3.54	0.94	0.46	0.83	0.21	0.07	5.16	0.36	0.33	0.92	0.00	0.16	78.69	0.44	0.05	
FQ9BLT	3.48	0.79	1.88	0.83	0.22	0.38	5.18	0.40	0.51	0.99	0.27	0.47	70.98	0.05	1.01	
G6L7AN	5.90	6.88X		1.30	3.50X		8.90	5.11X		1.70	2.79					
GCPCQC	3.60	1.09	1.63	0.86	0.45	0.82	5.58	0.89	1.03	1.10	0.67	0.93	73.86	0.19	0.80	
HADU7L	3.12	-0.12	0.15	0.82	0.14	0.22	4.87	0.00	0.14	1.59	2.41	0.49	83.03	0.66	0.05	
HMYA9K	2.82	-0.88	0.07	0.88	0.54	0.92	3.78	-1.38	0.12	1.03	0.39	0.57	51.64	-0.94	0.27	
JFVK88	2.97	-0.48	0.21	0.73	-0.51	0.34	4.89	0.03	0.32	0.87	-0.17	0.23	63.67	-0.33	0.18	
JVAT7P	2.55	-1.55	0.23	0.70	-0.68	0.91	3.65	-1.54	0.14	0.68	-0.83	0.04	53.43	-0.85	0.03	
KXWRYE	3.01	-0.39		0.78	-0.14		3.68	-1.51		0.64	-0.97		35.00	-1.79		
PJGFB2	3.00	-0.42	0.60	0.80	0.00	2.20	3.63	-1.57	0.57	0.80	-0.41	1.10	54.47	-0.80	0.50	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>Q3N624</b>	<b>2.53</b>	-1.61	2.62	<b>0.94</b>	0.96	1.79	<b>4.66</b>	-0.26	1.75	<b>0.60</b>	-1.13	0.39	<b>32.48</b>	-1.92	0.19
<b>RBUAQY</b>	<b>3.06</b>	-0.26	0.14	<b>1.14</b>	2.39	0.91	<b>5.48</b>	0.77	0.64	<b>0.59</b>	-1.14	0.06	<b>15.92</b>	-2.77	0.11
<b>RHVNCZ</b>	<b>3.46</b>	0.73	1.18	<b>0.80</b>	-0.03	1.19	<b>5.41</b>	0.68	1.18	<b>1.21</b>	1.04	2.47	<b>73.87</b>	0.19	0.32
<b>TBE3AN</b>	<b>2.37</b>	-2.01	0.69	<b>0.53</b>	-1.87	1.27	<b>3.37</b>	-1.91	0.43	<b>0.73</b>	-0.64	0.63	<b>70.63</b>	0.03	0.10
<b>TW8LU7</b>	<b>3.60</b>	1.09	0.49	<b>0.90</b>	0.72	0.55	<b>5.48</b>	0.77	1.15	<b>1.02</b>	0.39	0.54	<b>91.35</b>	1.09	0.35
<b>UFZLL3</b>	<b>3.35</b>	0.47	0.69	<b>0.86</b>	0.39	0.74	<b>5.81</b>	1.19	0.74	<b>0.84</b>	-0.26	0.57	<b>77.62</b>	0.39	0.52
<b>UVFMF8</b>	<b>3.10</b>	-0.17	0.14	<b>0.73</b>	-0.47	0.54	<b>4.37</b>	-0.63	0.38	<b>0.88</b>	-0.14	0.10	<b>77.21</b>	0.37	0.39
<b>W2V8D6</b>	<b>3.33</b>	0.42	1.49	<b>0.81</b>	0.09	1.29	<b>4.87</b>	0.00	0.80	<b>0.98</b>	0.22	0.60	<b>71.27</b>	0.06	0.24
<b>WVPBU6</b>	<b>2.44</b>	-1.82	0.34	<b>0.98</b>	1.24	0.55	<b>4.93</b>	0.08	0.27	<b>0.60</b>	-1.12	0.19	<b>27.79</b>	-2.16	0.08
<b>XG3L98</b>	<b>2.77</b>	-1.00	0.35	<b>0.67</b>	-0.93	1.27	<b>4.37</b>	-0.64	0.21	<b>0.77</b>	-0.52	0.63	<b>16.20</b>	-2.76	0.01
<b>XRZLKB</b>	<b>3.30</b>	0.34	2.62	<b>0.80</b>	0.00	2.20	<b>4.30</b>	-0.72	0.64	<b>1.13</b>	0.78	1.67	<b>62.30</b>	-0.40	0.09
<b>Y72BLH</b>	<b>3.21</b>	0.12	0.09	<b>0.72</b>	-0.54	0.13	<b>4.58</b>	-0.37	0.07	<b>0.76</b>	-0.56	0.17	<b>74.79</b>	0.24	0.07
<b>YNW8EX</b>	<b>3.28</b>	0.29	0.42	<b>0.76</b>	-0.28	0.22	<b>4.62</b>	-0.31	0.04	<b>0.91</b>	-0.03	0.06	<b>71.23</b>	0.06	0.01
<b>ZFKDXA</b>	<b>3.12</b>	-0.12	0.10	<b>0.71</b>	-0.62	0.30	<b>4.89</b>	0.02	0.16	<b>0.93</b>	0.07	0.07	<b>68.91</b>	-0.06	0.11

  

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>Grand Median</b>	3.17			0.80			4.87			0.91			70.1		
<b>Median Abs Dev</b>	0.18			0.07			0.49			0.13			7.6		
<b>Avg Within Lab SD</b>	0.17			0.05			0.27			0.09			7.7		
<b>Labs Included</b>	38			39			38			38			39		
<b>Labs Reporting</b>	40			40			40			40			39		





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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
28L7UU	47.33	0.38	0.11	11.35	0.62	1.28	82.97	0.30	0.41	34.58	1.22	0.62	19.74	0.14	0.37
2NQD9W	33.59	-1.68	1.48	9.92	0.32	0.80	62.68	-1.18	2.97	22.62	0.10	2.63	20.99	0.33	4.31
2QV4DQ	41.80	-0.45	0.32	6.47	-0.42	0.81	78.83	0.00	0.49	12.80	-0.82	0.10	18.07	-0.12	0.64
2XXDL4	25.93	-2.83X	1.78	6.53	-0.41	2.06	35.40	-3.16X	3.02	17.07	-0.42	2.22	17.33	-0.23	0.74
32BAR7	44.63	-0.02	0.24	8.73	0.06	0.24	71.97	-0.50	0.08	28.40	0.64	0.47	20.17	0.20	0.62
477JED	45.20	0.07	0.19	4.60	-0.82	1.05	77.50	-0.10	0.40	17.43	-0.39	0.28	16.07	-0.43	1.01
4GLFB4	43.52	-0.19	0.07	5.71	-0.58	0.03	62.36	-1.20	0.08	16.92	-0.43	0.04	13.65	-0.80	0.10
4PGFU3	44.07	-0.10	0.30	17.91	2.02	0.71	92.00	0.96	1.07	38.86	1.62	2.43	30.76	1.83	0.36
63XXV6	46.94	0.33	0.09	8.23	-0.04	0.25	69.15	-0.71	0.14	57.06	3.32X	0.62	17.63	-0.19	0.54
6AGXFN	38.76	-0.90	0.62	5.99	-0.52	0.35	70.40	-0.61	0.19	15.77	-0.54	0.21	18.75	-0.01	0.30
6MJMA4	47.60	0.43	1.93	7.43	-0.22	0.87	87.60	0.64	2.23	19.80	-0.16	0.62	17.77	-0.16	1.66
83RZZZ	44.77	0.00	1.11	12.97	0.97	0.65	76.53	-0.17	2.45	33.07	1.08	1.34	21.27	0.37	0.48
9N78QJ	53.20	1.27	1.23	10.33	0.40	0.49	92.57	1.00	0.70	28.83	0.68	0.22	41.20	3.42X	1.35
AA32EZ	50.59	0.87	0.21	12.52	0.87	1.91	87.44	0.63	0.57	36.56	1.41	1.34	20.33	0.23	0.50
AN6UJG	37.05	-1.16	0.08	5.88	-0.54	0.25	68.75	-0.73	0.58	16.76	-0.45	0.20	17.27	-0.24	0.26
CDTEMT	52.00	1.09	1.36	7.68	-0.16	0.25	84.33	0.40	1.23	20.33	-0.11	0.91	24.67	0.89	1.14
CL8ZYH	48.32	0.53	0.24	11.48	0.65	0.48	82.98	0.30	0.08	34.00	1.17	0.12	33.14	2.19	0.16
FQ9BLT	50.98	0.93	0.39	12.40	0.85	0.27	87.40	0.62	0.52	31.94	0.97	0.33	22.07	0.49	0.15
GCPCQC	48.51	0.56	1.27	12.26	0.82	1.41	91.22	0.90	1.37	33.77	1.14	1.32	20.12	0.20	1.56
HADU7L	46.33	0.24	0.47	4.40	-0.86	0.32	75.17	-0.27	0.28	17.43	-0.39	0.24	28.30	1.45	0.20
HMYA9K	41.43	-0.50	0.48	8.64	0.04	0.94	57.21	-1.58	0.77	25.71	0.39	0.90	11.29	-1.16	0.46
JFVK88	42.50	-0.34	0.10	6.00	-0.52	0.16	79.97	0.08	0.42	17.63	-0.37	0.09	13.23	-0.86	0.11
JVAT7P	28.55	-2.43	0.06	12.88	0.95	0.11	49.43	-2.14	0.12	26.27	0.44	0.19	13.07	-0.88	0.03
KXWRYE	41.93	-0.43		9.37	0.20		55.87	-1.67		25.15	0.34		19.27	0.07	
PJGFB2	45.93	0.18	0.60	3.73	-1.00	3.07	65.53	-0.97	0.59	16.63	-0.46	0.33	8.57	-1.57	0.19
Q3N624	32.62	-1.82	1.33	5.38	-0.65	0.49	70.70	-0.59	1.03	20.48	-0.10	0.09	11.46	-1.13	1.00



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>RBUAQY</b>	<b>43.13</b>	-0.25	0.31	<b>5.19</b>	-0.69	0.29	<b>92.63</b>	1.01	0.47	<b>16.97</b>	-0.43	0.12	<b>15.38</b>	-0.53	0.16
<b>RHVNCZ</b>	<b>49.70</b>	0.74	0.98	<b>9.76</b>	0.28	0.42	<b>92.33</b>	0.98	1.09	<b>28.93</b>	0.69	0.53	<b>16.03</b>	-0.43	0.35
<b>TW8LU7</b>	<b>55.44</b>	1.60	1.60	<b>18.10</b>	2.06	1.17	<b>98.53</b>	1.43	1.01	<b>48.76</b>	2.55X	1.65	<b>33.95</b>	2.31	0.58
<b>UFZLL3</b>	<b>38.14</b>	-0.99	0.66	<b>6.17</b>	-0.48	0.65	<b>73.84</b>	-0.36	0.22	<b>16.07</b>	-0.51	0.98	<b>18.84</b>	0.00	0.28
<b>UVFMF8</b>	<b>48.10</b>	0.50	1.30	<b>16.30</b>	1.68	1.38	<b>85.09</b>	0.46	1.24	<b>40.88</b>	1.81	1.02	<b>28.06</b>	1.41	0.85
<b>W2V8D6</b>	<b>51.23</b>	0.97	0.60	<b>11.73</b>	0.70	1.49	<b>85.10</b>	0.46	0.67	<b>31.63</b>	0.94	0.95	<b>13.47</b>	-0.82	0.34
<b>WVPBU6</b>	<b>34.00</b>	-1.61	0.24	<b>5.37</b>	-0.65	0.14	<b>73.53</b>	-0.39	0.42	<b>18.81</b>	-0.26	0.21	<b>11.95</b>	-1.06	0.30
<b>XG3L98</b>	<b>44.67</b>	-0.02	0.30	<b>13.00</b>	0.97		<b>83.00</b>	0.30		<b>33.67</b>	1.13	0.91	<b>22.67</b>	0.59	0.43
<b>XRZLKB</b>	<b>51.37</b>	0.99	3.72	<b>5.43</b>	-0.64	1.46	<b>79.70</b>	0.06	1.29	<b>16.73</b>	-0.45	2.15	<b>23.57</b>	0.72	2.06
<b>Y72BLH</b>	<b>44.70</b>	-0.01	0.29	<b>4.77</b>	-0.78	0.24	<b>74.30</b>	-0.33	0.03	<b>13.60</b>	-0.74	0.12	<b>18.97</b>	0.02	0.19
<b>YNW8EX</b>	<b>42.27</b>	-0.38	0.11	<b>10.77</b>	0.50	0.61	<b>70.20</b>	-0.63	0.03	<b>33.17</b>	1.09	0.03	<b>23.23</b>	0.67	0.26
<b>ZFKDXA</b>	<b>44.91</b>	0.02	0.30	<b>5.30</b>	-0.67	0.21	<b>82.80</b>	0.29	0.16	<b>17.47</b>	-0.38	0.20	<b>17.33</b>	-0.23	0.02

  

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	44.8			8.44			78.8			21.6			18.8		
<b>Median Abs Dev</b>	3.3			3.03			8.4			5.2			3.2		
<b>Avg Within Lab SD</b>	1.9			0.62			3.1			1.7			1.3		
<b>Labs Included</b>	37			38			37			36			37		
<b>Labs Reporting</b>	38			38			38			38			38		



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### Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
28L7UU	26.0	0.06	0.31	11.4	0.17	0.70	16.3	-0.18	0.29	55.7	0.85	0.78	68.4	-0.04	0.20
2NQD9W	38.0	2.20	1.66	16.9	2.02	1.29	23.1	1.41	2.89	83.3	2.82X	7.50	94.0	1.46	4.26
2QV4DQ	22.4	-0.59	0.69	10.0	-0.30	0.64	24.5	1.73	2.02	28.0	-1.13	0.15	74.2	0.30	0.65
2XXDL4	17.0	-1.54	1.29	10.3	-0.20	0.85	42.0	5.80X	7.27	9.2	-2.47X	0.61	36.7	-1.90	0.43
32BAR7	24.0	-0.30	1.82	9.3	-0.52	0.00	14.9	-0.50	2.45	45.0	0.09	0.46	57.6	-0.68	0.58
477JED	20.3	-0.95	0.40	7.9	-0.98	0.77	12.1	-1.15	0.16	36.3	-0.54	0.58	54.3	-0.87	0.22
4GLFB4	26.9	0.21	0.56	9.2	-0.56	0.22	10.4	-1.55	0.06	33.6	-0.73	0.09	77.0	0.46	0.24
4PGFU3	29.0	0.59	1.16	15.6	1.59	0.42	19.7	0.61	0.22	56.0	0.88	1.02	63.3	-0.34	0.13
63XXV6	24.7	-0.17	0.20	11.2	0.12	0.04	17.1	0.00	0.20	53.2	0.67	0.30	90.1	1.23	0.29
6AGXFN	24.0	-0.29	1.22	17.9	2.34	2.91	20.8	0.86	1.00	39.9	-0.28	0.12	66.3	-0.16	0.11
6MJMA4	23.7	-0.35	1.82	10.5	-0.13	0.54	16.6	-0.10	1.28	42.3	-0.11	0.92	70.4	0.08	1.09
83RZZZ	27.5	0.33	0.66	12.4	0.52	0.59	18.6	0.35	0.40	53.5	0.69	0.46	70.5	0.08	0.79
9N78QJ	32.3	1.17	0.37	12.3	0.48	1.18	17.9	0.20	1.14	60.6	1.21	0.65	89.9	1.22	0.50
AA32EZ	25.5	-0.03	0.85	11.0	0.04	1.16	17.6	0.11	0.82	42.5	-0.09	2.42	67.4	-0.10	1.03
AN6UJG	17.5	-1.46	0.32	6.9	-1.33	0.47	10.2	-1.60	0.17	25.8	-1.28	0.22	39.0	-1.77	0.06
CDTEMT	35.0	1.66	2.87	10.7	-0.07	0.97	16.7	-0.09	1.65	42.0	-0.13	1.02	74.8	0.34	0.35
CL8ZYH	26.4	0.14	0.55	12.1	0.42	0.65	17.3	0.05	0.03	51.1	0.52	0.43	80.4	0.66	1.01
FQ9BLT	27.5	0.33	0.19	12.4	0.50	0.29	18.3	0.28	0.63	52.5	0.62	0.26	80.4	0.66	0.21
G6L7AN	26.8	0.20		12.1	0.41		14.6	-0.57		60.8	1.22				
GCPCQC	26.1	0.09	0.69	11.8	0.31	0.47	17.6	0.12	0.48	51.0	0.51	0.81	63.5	-0.33	0.94
HADU7L	23.3	-0.41	0.33	10.0	-0.29		17.7	0.14	0.46	37.0	-0.48	0.38	86.3	1.01	0.41
HMYA9K	22.1	-0.63	0.42	10.2	-0.23	0.79	13.9	-0.74	0.81	36.0	-0.55	0.50	48.6	-1.20	0.55
JFVK88	29.6	0.69	0.99	9.9	-0.32	0.34	20.3	0.75	0.42	40.2	-0.25	0.59	78.8	0.57	0.24
JVAT7P	24.9	-0.14	0.05	12.5	0.56	0.22	15.3	-0.41	0.25	46.4	0.19	0.19	68.5	-0.03	0.18
KXWRYE	14.6	-1.96		8.5	-0.79		7.7	-2.17		27.8	-1.14		21.2	-2.81X	
PJGFB2	25.9	0.04	0.75	7.6	-1.08	1.01	11.2	-1.37	0.24	33.6	-0.73	0.10	62.3	-0.40	1.13



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>Q3N624</b>	<b>22.8</b>	-0.52	0.74	<b>11.6</b>	0.25	1.51	<b>18.1</b>	0.23	0.63	<b>52.6</b>	0.63	0.37	<b>71.0</b>	0.11	0.36
<b>RBUAQY</b>	<b>14.8</b>	-1.93	0.46	<b>8.6</b>	-0.75	1.96	<b>14.1</b>	-0.69	0.48	<b>32.4</b>	-0.82	0.18	<b>51.6</b>	-1.03	0.28
<b>RHVNCZ</b>	<b>26.2</b>	0.10	0.64	<b>10.7</b>	-0.04	0.10	<b>16.6</b>	-0.12	0.48	<b>49.3</b>	0.40	0.44	<b>65.2</b>	-0.23	0.59
<b>TBE3AN</b>	<b>14.6</b>	-1.96	0.58	<b>6.0</b>	-1.62	0.17	<b>8.6</b>	-1.96	0.32	<b>34.1</b>	-0.69	0.17	<b>39.6</b>	-1.73	0.56
<b>TW8LU7</b>	<b>31.9</b>	1.11	1.15	<b>14.0</b>	1.05	0.23	<b>18.8</b>	0.41	1.29	<b>66.2</b>	1.61	1.70	<b>91.3</b>	1.30	2.78
<b>UFZLL3</b>	<b>25.7</b>	0.00	0.43	<b>12.0</b>	0.37	0.64	<b>20.8</b>	0.87	1.13	<b>37.3</b>	-0.46	1.04	<b>80.1</b>	0.64	0.51
<b>UVFMF8</b>	<b>34.7</b>	1.61	0.24	<b>15.7</b>	1.60	0.26	<b>20.8</b>	0.87	0.18	<b>66.8</b>	1.65	0.21	<b>85.2</b>	0.94	0.20
<b>W2V8D6</b>	<b>28.5</b>	0.51	0.79	<b>12.7</b>	0.60	1.12	<b>16.6</b>	-0.10	1.05	<b>52.6</b>	0.63	1.83	<b>53.8</b>	-0.90	0.36
<b>WVPBU6</b>	<b>23.7</b>	-0.35	1.01	<b>8.7</b>	-0.72	0.65	<b>19.6</b>	0.60	0.48	<b>52.5</b>	0.62	1.36	<b>74.7</b>	0.33	0.44
<b>XG3L98</b>	<b>28.7</b>	0.53	0.33	<b>13.0</b>	0.71		<b>19.0</b>	0.45		<b>55.0</b>	0.80	0.38	<b>69.7</b>	0.03	0.30
<b>XRZLKB</b>	<b>25.7</b>	0.00	2.17	<b>7.7</b>	-1.07	2.58	<b>12.3</b>	-1.10	0.91	<b>41.3</b>	-0.17	3.57	<b>61.3</b>	-0.46	1.48
<b>Y72BLH</b>	<b>19.0</b>	-1.18		<b>8.0</b>	-0.95		<b>12.0</b>	-1.18		<b>29.0</b>	-1.06		<b>46.7</b>	-1.32	0.11
<b>YNW8EX</b>	<b>27.5</b>	0.32	0.09	<b>11.7</b>	0.27	0.54	<b>17.5</b>	0.10		<b>55.7</b>	0.85	0.04	<b>78.3</b>	0.54	0.08
<b>ZFKDXA</b>	<b>23.8</b>	-0.33	0.39	<b>8.8</b>	-0.69	0.07	<b>14.5</b>	-0.59	0.02	<b>38.9</b>	-0.35	0.16	<b>66.3</b>	-0.17	0.37

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	25.7			10.9			17.1			43.8			69.1		
<b>Median Abs Dev</b>	2.2			1.6			2.5			8.8			9.4		
<b>Avg Within Lab SD</b>	1.7			0.6			1.3			2.6			5.1		
<b>Labs Included</b>	40			40			39			38			38		
<b>Labs Reporting</b>	40			40			40			40			39		



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
28L7UU	1.52	0.27	0.48	1.13	0.03	0.44	0.22	-0.19	0.34	1.58	0.80	0.57	1.35	0.05	0.21	
2NQD9W	1.98	1.67	3.13	1.78	3.72X	5.74	0.55	3.94X	7.35	1.82	1.70	2.13	2.40	3.17X	2.38	
2QV4DQ	1.27	-0.51	0.72	1.03	-0.51	0.98	0.17	-0.84	2.08	0.80	-2.06	0.00	1.20	-0.39	1.04	
2XXDL4	0.82	-1.88	1.25	2.79	9.46X	61.67	0.97	9.33X	9.10	0.10	-4.63X	0.53	0.61	-2.13X	0.53	
32BAR7	1.42	-0.04	0.35	1.02	-0.60	0.12	0.21	-0.36	0.19	1.42	0.22	0.22	1.33	-0.01	0.36	
477JED	1.34	-0.30	0.31	0.95	-0.99	0.29	0.20	-0.46	0.42	1.21	-0.54	0.47	1.19	-0.42	0.42	
4GLFB4	1.37	-0.20	0.05	1.02	-0.57	0.18	0.15	-1.09	0.14	1.21	-0.57	0.18	1.04	-0.87	0.03	
4PGFU3	1.44	0.01	0.78	1.18	0.34	0.25	0.15	-1.05	0.12	1.39	0.11	0.31	1.20	-0.40	0.42	
63XXV6	1.61	0.54	0.12	1.20	0.44	0.00	0.20	-0.38	0.90	1.50	0.50	0.32	1.58	0.72	0.26	
6AGXFN	0.99	-1.35	0.54	1.47	1.98	0.40	0.12	-1.48	0.31	1.36	0.00	0.23	1.93	1.76	0.07	
6MJMA4	1.57	0.42	1.87	1.16	0.21	1.32	0.28	0.59	0.95	1.41	0.17	1.39	1.49	0.45	1.00	
83RZZZ	1.30	-0.42	0.81	1.07	-0.32	0.26	0.20	-0.46	0.79	1.36	0.00	0.27	1.37	0.12	0.26	
9N78QJ	1.98	1.69	0.92	1.41	1.65	1.27	0.28	0.55	1.04	2.07	2.59X	2.20	1.99	1.94	2.02	
AA32EZ	1.54	0.33	0.98	1.17	0.28	0.70	0.24	0.08	0.95	1.32	-0.15	1.22	1.55	0.63	2.11	
AN6UJG	1.23	-0.61	0.36	0.91	-1.21	0.17	0.18	-0.67	0.36	1.19	-0.62	0.39	1.05	-0.84	0.28	
CDTEMT	1.80	1.13	2.16	1.23	0.63	1.95	0.29	0.67	1.50	1.47	0.39	1.78	1.53	0.57	3.31	
CL8ZYH	1.36	-0.23	0.32	1.25	0.73	0.29	0.23	0.01	0.02	1.50	0.51	0.16	1.69	1.04	0.43	
FQ9BLT	1.46	0.10	0.26	1.15	0.17	0.21	0.21	-0.26	0.75	1.50	0.51	0.32	1.66	0.97	1.27	
GCPCQC	1.58	0.46	0.66	1.16	0.21	0.70	0.25	0.25	0.31	1.54	0.64	1.04	1.41	0.23	1.10	
HADU7L	1.50	0.20		1.10	-0.13	0.00	0.30	0.84	0.00	1.23	-0.47	0.89	1.77	1.28	0.60	
HMYA9K	1.23	-0.62	0.33	1.02	-0.57	2.20	0.19	-0.54	0.61	1.14	-0.81	1.39	1.01	-0.94	0.80	
JFVK88	1.41	-0.06	0.19	1.10	-0.11	0.43	0.23	0.00	0.42	1.28	-0.29	0.32	1.34	0.02	0.10	
JVAT7P	1.17	-0.82	0.14	0.86	-1.47	0.18	0.17	-0.77	0.06	1.16	-0.75	0.05	1.25	-0.24	0.03	
KXWRYE	0.98	-1.39		0.97	-0.87		0.17	-0.80		1.03	-1.22		0.56	-2.29		
PJGFB2	1.35	-0.25	0.75	1.00	-0.72	1.20	0.17	-0.84	1.10	1.22	-0.53	0.47	1.01	-0.96	0.42	
Q3N624	0.92	-1.58	0.65	0.97	-0.85	2.29	0.24	0.13	1.10	1.17	-0.69	0.45	1.23	-0.30	0.32	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>RBUAQY</b>	<b>0.87</b>	-1.74	0.19	<b>1.12</b>	-0.03	0.80	<b>0.26</b>	0.35	0.04	<b>1.17</b>	-0.70	0.10	<b>1.28</b>	-0.16	0.54	
<b>RHVNCZ</b>	<b>1.51</b>	0.23	0.76	<b>1.21</b>	0.49	0.51	<b>0.32</b>	1.14	1.62	<b>1.54</b>	0.67	1.09	<b>1.31</b>	-0.06	1.15	
<b>TBE3AN</b>	<b>1.03</b>	-1.23	0.72	<b>0.73</b>	-2.22	0.98	<b>0.13</b>	-1.26	2.08	<b>1.17</b>	-0.72	0.89	<b>0.87</b>	-1.38	0.60	
<b>TW8LU7</b>	<b>1.85</b>	1.29	1.61	<b>1.42</b>	1.71	0.35	<b>0.28</b>	0.63	0.90	<b>1.75</b>	1.41	1.40	<b>1.92</b>	1.73	1.94	
<b>UFZLL3</b>	<b>1.41</b>	-0.08	1.04	<b>1.13</b>	0.01	0.68	<b>0.25</b>	0.21	0.65	<b>1.06</b>	-1.11	1.28	<b>1.51</b>	0.51	0.51	
<b>UVFMF8</b>	<b>1.75</b>	0.96	0.80	<b>1.38</b>	1.45	0.68	<b>0.35</b>	1.43	1.12	<b>1.78</b>	1.54	1.16	<b>1.76</b>	1.25	0.54	
<b>W2V8D6</b>	<b>1.77</b>	1.03	0.98	<b>1.26</b>	0.80	0.99	<b>0.32</b>	1.05	1.16	<b>1.70</b>	1.25	1.33	<b>1.24</b>	-0.27	0.26	
<b>WVPBU6</b>	<b>0.80</b>	-1.94	0.12	<b>1.16</b>	0.21	1.61	<b>0.29</b>	0.71	0.36	<b>1.26</b>	-0.39	0.36	<b>1.27</b>	-0.20	0.16	
<b>XG3L98</b>	<b>1.50</b>	0.20		<b>1.13</b>	0.06	0.98	<b>0.33</b>	1.26	2.08	<b>1.60</b>	0.88	0.00	<b>1.33</b>	0.00	0.60	
<b>XRZLKB</b>	<b>1.43</b>	0.00	1.91	<b>0.87</b>	-1.46	2.58	<b>0.17</b>	-0.84	2.08	<b>1.37</b>	0.02	3.21	<b>1.17</b>	-0.49	1.60	
<b>Y72BLH</b>	<b>1.47</b>	0.10	0.26	<b>1.03</b>	-0.51	0.26	<b>0.07</b>	-2.10	0.21	<b>1.04</b>	-1.19	0.09	<b>1.15</b>	-0.55	0.06	
<b>YNW8EX</b>	<b>1.54</b>	0.33	0.00	<b>1.12</b>	0.00	0.35	<b>0.25</b>	0.21		<b>1.55</b>	0.70	0.09	<b>1.58</b>	0.72	0.12	
<b>ZFKDXA</b>	<b>1.46</b>	0.08	0.19	<b>1.05</b>	-0.42	0.32	<b>0.27</b>	0.44	0.60	<b>1.40</b>	0.12	0.34	<b>1.40</b>	0.20	0.24	

  

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups					Data units: mg/kg
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110
<b>Grand Median</b>	1.43	1.12	0.23	1.36	1.33
<b>Median Abs Dev</b>	0.14	0.09	0.05	0.17	0.17
<b>Avg Within Lab SD</b>	0.08	0.06	0.03	0.06	0.10
<b>Labs Included</b>	39	37	37	37	37
<b>Labs Reporting</b>	39	39	39	39	39



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<b>Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups</b>														<b>Data units: mg/kg</b>				
SRS2106				SRS2107				SRS2108				SRS2109				SRS2110		
WebCode	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	Sample Mean	Z Score	k Score
<b>KXWRYE</b>	<b>6.72</b>			<b>2.30</b>			<b>9.13</b>			<b>1.20</b>			<b>92.57</b>					
<b>Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups</b>														<b>Data units: mg/kg</b>				
SRS2106				SRS2107				SRS2108				SRS2109				SRS2110		
<b>Grand Median</b>	6.72			2.30			9.13			1.20			92.6					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.00			0.00			0.00			0.00			0.00					0.0
<b>Labs Included</b>	1			1			1			1			1					1
<b>Labs Reporting</b>	1			1			1			1			1					1



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CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>4GLFB4</b>	<b>20.07</b>	-0.15	0.02	<b>6.41</b>	0.00	0.46	<b>5.58</b>	0.00	0.32	<b>6.72</b>	1.62	1.00	<b>6.92</b>	0.11	0.68	
<b>6AGXFN</b>	<b>40.06</b>	7.13X	0.51	<b>5.63</b>	-0.65	0.15	<b>2.46</b>	-1.75	0.14	<b>3.38</b>	-0.02	0.31	<b>5.00</b>	-1.06	0.87	
<b>6MJMA4</b>	<b>25.23</b>	1.74	0.94	<b>8.33</b>	1.61	0.76	<b>6.57</b>	0.55	1.16	<b>4.40</b>	0.48	0.79	<b>8.33</b>	0.98	1.33	
<b>CDTEMT</b>	<b>20.00</b>	-0.17	0.70	<b>6.23</b>	-0.15	1.08	<b>6.63</b>	0.59	1.49	<b>2.87</b>	-0.27	0.28	<b>6.90</b>	0.10	0.36	
<b>GCPCQC</b>	<b>24.54</b>	1.48	2.57	<b>6.54</b>	0.11	1.42	<b>6.04</b>	0.26	1.87	<b>3.46</b>	0.02	0.28	<b>6.35</b>	-0.23	1.59	
<b>JFVK88</b>	<b>19.67</b>	-0.29	0.40	<b>5.83</b>	-0.48	0.49	<b>4.33</b>	-0.70	0.93	<b>2.00</b>	-0.69		<b>5.17</b>	-0.96	0.39	
<b>Q3N624</b>	<b>20.47</b>	0.00	0.26	<b>8.57</b>	1.81	2.15	<b>7.07</b>	0.83	0.91	<b>7.03</b>	1.77	2.26	<b>10.07</b>	2.04	1.78	
<b>W2V8D6</b>	<b>20.13</b>	-0.12	0.11	<b>5.03</b>	-1.15	0.26	<b>3.87</b>	-0.96	0.19				<b>5.80</b>	-0.57	0.14	
<b>WLEA94</b>	<b>24.50</b>	1.47	0.89	<b>18.27</b>	9.94X	2.79	<b>21.10</b>	8.69X	0.43	<b>23.77</b>	9.95X	1.06	<b>17.03</b>	6.32X	0.32	
<b>Y72BLH</b>	<b>22.27</b>	0.66	0.08	<b>6.53</b>	0.11	0.26	<b>4.80</b>	-0.44	0.28	<b>2.33</b>	-0.53	0.15	<b>6.73</b>	0.00	0.08	

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	20.5			6.41			5.58			3.42			6.73			
<b>Median Abs Dev</b>	0.8			0.57			1.05			1.03			0.93			
<b>Avg Within Lab SD</b>	1.4			0.59			0.62			1.04			0.73			
<b>Labs Included</b>	9			9			9			8			9			
<b>Labs Reporting</b>	10			10			10			9			10			





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B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
2397W4	0.53	0.42	1.31	1.03	0.98	0.69	0.60	0.61	0.00	0.10	-0.24	0.00	1.37	0.96	0.97	
28L7UU	0.41	-0.29	0.20	0.64	-0.01	0.15	0.50	0.00	0.16	0.10	-0.23	0.12	1.01	0.00	0.58	
2KQ632	0.45	-0.07	0.88	0.79	0.37	0.73	0.47	-0.15	0.34	0.11	-0.13	0.09	1.24	0.63	0.33	
2NQD9W	0.76	1.72	2.21	0.76	0.29	0.72	0.70	1.20	2.11	0.36	2.84	2.47	1.32	0.84	1.30	
32BAR7	0.36	-0.55	0.26	0.45	-0.51	0.25	0.38	-0.67	0.26	0.09	-0.39	0.34	0.88	-0.32	0.19	
6AGXFN	0.60	0.82	1.50	1.86	3.07	2.58	0.69	1.12	0.70	0.03	-1.02	0.25	0.88	-0.34	0.65	
83RZZZ	0.47	0.06	1.13	0.55	-0.24	0.49	0.48	-0.11	0.40	0.20	0.94	0.29	0.96	-0.12	0.84	
8NB6K4	0.19	-1.55	0.26	0.30	-0.88	0.43	0.23	-1.55	1.34	0.20	0.99	2.07	0.34	-1.78	0.18	
ACAKXT	0.48	0.10	0.59	0.91	0.66	0.94	0.55	0.31	0.39				1.18	0.47	0.75	
FZDHZT	0.55	0.50	0.52	0.83	0.46	0.84	0.55	0.33	0.26	0.13	0.16	0.34	1.20	0.52	0.00	
GCPCQC	0.39	-0.41	1.11	0.65	0.00	1.29	0.48	-0.10	1.57	0.17	0.59	1.05	0.91	-0.25	2.01	
JVAT7P	0.10	-2.05	0.12	0.10	-1.39	0.05	0.12	-2.26	0.13	0.02	-1.23	0.05	0.27	-1.96	0.20	
K9F4CC	2.36	10.89X	6.31	4.05	8.62X	1.79	2.30	10.63X	2.75	2.51	28.13X	6.68	5.61	12.26X	5.58	
KXWRYE	0.25	-1.20		0.26	-0.98		0.24	-1.52		0.07	-0.59		0.65	-0.95		
N9XN9H	0.49	0.15	0.13	0.62	-0.08	0.14	0.55	0.32	0.23	0.11	-0.12	0.00	1.15	0.39	0.61	
TW8LU7	0.46	0.00	0.99	0.94	0.73	1.86	0.51	0.08	0.92	0.13	0.12	0.29	1.08	0.19	2.40	
WVPBU6	0.26	-1.16	0.57	0.51	-0.35	0.24	0.31	-1.12	0.13	0.18	0.67	0.44	0.37	-1.68	0.19	
XG3L98	0.53	0.42	1.31	0.83	0.47	0.69	0.50	0.02	2.29	0.17	0.55	1.68	1.03	0.07	0.97	

B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
Grand Median	0.46			0.65			0.50			0.12			1.01			
Median Abs Dev	0.07			0.19			0.06			0.05			0.18			
Avg Within Lab SD	0.04			0.08			0.04			0.03			0.06			
Labs Included	17			17			17			16			17			
Labs Reporting	18			18			18			17			18			



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>2QV4DQ</b>	<b>0.50</b>	4.79X	4.76	<b>0.67</b>	3.74X	1.56	<b>0.60</b>	6.95X	3.68	<b>0.27</b>	2.28X	1.43	<b>0.90</b>	7.17X	3.14
<b>477JED</b>	<b>0.26</b>	0.58	0.82	<b>0.37</b>	-0.13	0.87	<b>0.21</b>	0.34	0.77	<b>0.15</b>	0.87	0.38	<b>0.46</b>	1.56	0.18
<b>4GLFB4</b>	<b>0.25</b>	0.33	0.47	<b>0.40</b>	0.19	0.09	<b>0.17</b>	-0.32	0.46	<b>0.08</b>	0.00	0.13	<b>0.32</b>	-0.23	0.28
<b>6MJMA4</b>	<b>0.21</b>	-0.29	1.26	<b>0.52</b>	1.81	2.82	<b>0.30</b>	1.90	3.27	<b>0.14</b>	0.66	3.72	<b>0.40</b>	0.89	3.27
<b>AN6UJG</b>	<b>0.20</b>	-0.53	1.45	<b>0.40</b>	0.26	0.31	<b>0.19</b>	0.00	0.21	<b>0.05</b>	-0.42	0.25	<b>0.30</b>	-0.46	0.18
<b>CDTEMT</b>	<b>0.29</b>	1.11	0.95	<b>0.50</b>	1.59	1.28	<b>0.25</b>	1.12	1.06	<b>0.12</b>	0.41	0.29	<b>0.49</b>	1.98	0.54
<b>HMYA9K</b>	<b>0.23</b>	0.04	0.70	<b>0.42</b>	0.42	1.28	<b>0.21</b>	0.32	0.39	<b>0.19</b>	1.32	0.29	<b>0.33</b>	-0.01	0.99
<b>JFVK88</b>	<b>0.28</b>	0.94	0.82	<b>0.42</b>	0.44	0.41	<b>0.24</b>	0.95	0.43	<b>0.12</b>	0.41	0.29	<b>0.40</b>	0.80	0.48
<b>PJGFB2</b>	<b>0.24</b>	0.18	1.20	<b>0.38</b>	0.00	0.83	<b>0.15</b>	-0.56	0.56	<b>0.06</b>	-0.29	0.25	<b>0.30</b>	-0.46	0.65
<b>Q3N624</b>	<b>0.14</b>	-1.58	1.80	<b>0.37</b>	-0.18	0.71	<b>0.20</b>	0.17	0.56	<b>0.04</b>	-0.54	0.25	<b>0.34</b>	0.13	0.79
<b>RBUAQY</b>	<b>0.15</b>	-1.27	0.33	<b>0.36</b>	-0.27	0.51	<b>0.18</b>	-0.05	0.21	<b>0.03</b>	-0.61	0.36	<b>0.39</b>	0.68	0.32
<b>TBE3AN</b>	<b>0.16</b>	-1.13	1.13	<b>0.30</b>	-1.15	0.29	<b>0.13</b>	-1.03	1.03	<b>0.04</b>	-0.57	0.05	<b>0.24</b>	-1.12	0.30
<b>UFZLL3</b>	<b>0.26</b>	0.55	0.38	<b>0.30</b>	-1.11	0.05	<b>0.26</b>	1.25	0.07	<b>0.19</b>	1.29	0.12	<b>0.29</b>	-0.57	0.30
<b>XRZLKB</b>	<b>0.23</b>	0.00	1.45	<b>0.33</b>	-0.70	1.08	<b>0.15</b>	-0.56	0.43	<b>0.17</b>	1.08	0.65	<b>0.38</b>	0.59	1.13
<b>Y72BLH</b>	<b>0.21</b>	-0.29	0.00	<b>0.41</b>	0.35	0.00	<b>0.17</b>	-0.22	0.21	<b>0.03</b>	-0.71	0.14	<b>0.33</b>	0.00	0.18
<b>ZFKDXA</b>	<b>0.15</b>	-1.31	0.05	<b>0.27</b>	-1.50	0.18	<b>0.11</b>	-1.32	0.03	<b>0.01</b>	-0.92	0.05	<b>0.28</b>	-0.63	0.03

  

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	0.23			0.38			0.19			0.083			0.33		
<b>Median Abs Dev</b>	0.03			0.03			0.03			0.049			0.05		
<b>Avg Within Lab SD</b>	0.02			0.04			0.03			0.040			0.03		
<b>Labs Included</b>	15			15			15			15			15		
<b>Labs Reporting</b>	16			16			16			16			16		



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>63XXV6</b>	<b>0.07</b>	-0.23	0.13	<b>0.18</b>	0.32	0.05	<b>0.15</b>	0.51	0.48	<b>0.05</b>	-0.06	0.18	<b>0.17</b>	0.06	0.07	
<b>6MJMA4</b>	<b>0.07</b>	-1.09	0.83	<b>0.17</b>	-0.06	0.32	<b>0.14</b>	-0.11	0.68	<b>0.05</b>	0.07	1.91	<b>0.16</b>	-0.15	0.98	
<b>8NB6K4</b>	<b>0.07</b>	-0.53	2.43	<b>0.16</b>	-0.64	0.39	<b>0.11</b>	-2.07	1.46	<b>0.03</b>	-1.92	1.40	<b>0.01</b>	-9.97X	0.51	
<b>99RYT2</b>	<b>0.07</b>	-1.39	0.29	<b>0.16</b>	-0.64	0.93	<b>0.13</b>	-0.83	1.09	<b>0.04</b>	-0.98	0.69	<b>0.14</b>	-1.31	0.19	
<b>AA32EZ</b>	<b>0.07</b>	0.12	0.65	<b>0.17</b>	0.06	0.37	<b>0.14</b>	0.02	0.50	<b>0.05</b>	-0.16	0.33	<b>0.16</b>	-0.26	0.42	
<b>AN6UJG</b>	<b>0.08</b>	0.47	0.13	<b>0.18</b>	0.52	0.11	<b>0.15</b>	0.33	0.48	<b>0.05</b>	0.36	0.28	<b>0.17</b>	0.19	0.15	
<b>JVAT7P</b>	<b>0.07</b>	-0.12	0.04	<b>0.18</b>	0.75	0.22	<b>0.15</b>	0.35	0.35	<b>0.06</b>	0.75	0.16	<b>0.18</b>	0.99	0.69	
<b>KHJELM</b>	<b>0.08</b>	1.23	0.00	<b>0.13</b>	-1.85	1.40	<b>0.12</b>	-1.22	1.33	<b>0.05</b>	0.06	0.00	<b>0.13</b>	-2.00	0.73	
<b>L4XLAK</b>	<b>0.08</b>	0.35	1.62	<b>0.21</b>	2.02	1.30	<b>0.19</b>	2.41	1.63	<b>0.05</b>	-0.51	1.28	<b>0.20</b>	1.86	0.89	
<b>Q3N624</b>	<b>0.07</b>	-0.12	1.35	<b>0.16</b>	-0.67	2.60	<b>0.14</b>	-0.14	1.50	<b>0.06</b>	0.86	1.89	<b>0.17</b>	0.17	2.81	
<b>WLEA94</b>	<b>0.08</b>	1.05	0.23	<b>0.17</b>	-0.18	0.55	<b>0.14</b>	-0.02	0.70	<b>0.07</b>	2.11	0.65	<b>0.16</b>	-0.44	0.26	
<b>Y72BLH</b>	<b>0.08</b>	1.40	0.61	<b>0.18</b>	0.39	0.05	<b>0.15</b>	0.10	0.48	<b>0.05</b>	-0.25	0.21	<b>0.17</b>	0.00	0.26	

  

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	<b>Grand Median</b>	0.073			0.17			0.14			0.050			0.17		
<b>Median Abs Dev</b>	0.003			0.01			0.01			0.004			0.00			
<b>Avg Within Lab SD</b>	0.004			0.01			0.00			0.006			0.01			
<b>Labs Included</b>	12			12			12			12			11			
<b>Labs Reporting</b>	12			12			12			12			12			



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>2QV4DQ</b>	<b>0.08</b>	0.03	0.40	<b>0.17</b>	-1.05	0.43	<b>0.14</b>	-0.39	0.33	<b>0.04</b>	-1.30	0.59	<b>0.16</b>	-0.47	0.63	
<b>3H2HKX</b>	<b>0.08</b>	-0.07	0.00	<b>0.18</b>	-0.23	0.00	<b>0.15</b>	0.24	0.00	<b>0.06</b>	-0.04	0.00	<b>0.17</b>	-0.06	0.00	
<b>477JED</b>	<b>0.08</b>	-0.17	1.24	<b>0.19</b>	0.04	1.28	<b>0.15</b>	-0.11	1.38	<b>0.05</b>	-0.16	1.94	<b>0.18</b>	0.39	2.98	
<b>6MJMA4</b>	<b>0.08</b>	0.45	0.06	<b>0.19</b>	0.47	0.30	<b>0.16</b>	0.49	0.79	<b>0.05</b>	-0.57	1.60	<b>0.18</b>	0.64	1.05	
<b>AN6UJG</b>	<b>0.07</b>	-1.07	0.23	<b>0.17</b>	-0.88	0.90	<b>0.14</b>	-0.73	0.21	<b>0.04</b>	-1.42	0.65	<b>0.16</b>	-0.43	0.63	
<b>APVVKY</b>	<b>0.07</b>	-0.81	0.30	<b>0.19</b>	0.07	1.18	<b>0.14</b>	-0.37	1.36	<b>0.05</b>	-0.67	0.78	<b>0.17</b>	0.00	0.34	
<b>CAU3RT</b>	<b>0.09</b>	0.81	0.52	<b>0.20</b>	0.97	0.88	<b>0.16</b>	0.88	0.74	<b>0.06</b>	0.04	0.39	<b>0.18</b>	0.65	0.20	
<b>FQ9BLT</b>	<b>0.09</b>	0.85	1.02	<b>0.18</b>	-0.01	1.44	<b>0.15</b>	0.11	0.62	<b>0.06</b>	0.14	1.71	<b>0.17</b>	-0.24	0.71	
<b>FZDHZT</b>	<b>0.06</b>	-1.75	0.23	<b>0.17</b>	-1.43	0.58	<b>0.13</b>	-1.23	0.75	<b>0.04</b>	-1.85	0.53	<b>0.15</b>	-1.05	0.11	
<b>GCPCQC</b>	<b>0.08</b>	-0.03	2.99	<b>0.18</b>	-0.59	0.40	<b>0.14</b>	-0.23	0.35	<b>0.05</b>	-1.16	0.18	<b>0.16</b>	-0.39	0.45	
<b>JFVK88</b>	<b>0.08</b>	-0.23	0.23	<b>0.19</b>	0.59	0.50	<b>0.14</b>	-0.30	0.54	<b>0.06</b>	0.16	0.53	<b>0.17</b>	0.22	0.23	
<b>K9F4CC</b>	<b>0.09</b>	0.90	1.24	<b>0.20</b>	0.94	2.90	<b>0.16</b>	0.95	1.07	<b>0.06</b>	0.91	1.33	<b>0.19</b>	1.44	1.79	
<b>NQK6CE</b>	<b>0.06</b>	-1.72	0.00	<b>0.18</b>	-0.39	0.00	<b>0.17</b>	1.19	1.24	<b>0.06</b>	0.55	0.00	<b>0.19</b>	1.44	1.14	
<b>TBE3AN</b>	<b>0.09</b>	1.19	1.98	<b>0.21</b>	2.06	0.00	<b>0.17</b>	1.62	2.47	<b>0.06</b>	0.16	1.48	<b>0.20</b>	1.66	1.14	
<b>ULP4ZE</b>	<b>0.08</b>	0.22	0.00	<b>0.18</b>	-0.39	0.00	<b>0.13</b>	-1.40	1.24	<b>0.06</b>	0.16	1.48	<b>0.16</b>	-0.71	0.00	
<b>W2V8D6</b>	<b>0.07</b>	-0.65	0.34	<b>0.18</b>	-0.67	0.58	<b>0.14</b>	-0.32	0.25	<b>0.04</b>	-1.26	0.15	<b>0.16</b>	-0.43	0.23	
<b>W9FZUB</b>	<b>0.18</b>	9.48X	0.46	<b>0.14</b>	-3.93X	1.04	<b>0.02</b>	-8.13X	0.45	<b>0.16</b>	12.46X	0.15	<b>0.16</b>	-0.45	1.05	
<b>WLEA94</b>	<b>0.08</b>	0.13	0.40	<b>0.19</b>	0.01	1.25	<b>0.16</b>	0.47	0.12	<b>0.06</b>	0.32	0.51	<b>0.19</b>	0.97	0.20	
<b>Y72BLH</b>	<b>0.09</b>	1.06	0.30	<b>0.20</b>	1.35	0.09	<b>0.17</b>	1.11	1.07	<b>0.07</b>	1.27	0.39	<b>0.19</b>	1.18	0.51	

  

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	<b>Grand Median</b>	0.078			0.18			0.15			0.055			0.17		
<b>Median Abs Dev</b>	0.008			0.01			0.01			0.005			0.01			
<b>Avg Within Lab SD</b>	0.005			0.00			0.00			0.004			0.01			
<b>Labs Included</b>	18			18			18			18			19			
<b>Labs Reporting</b>	19			19			19			19			19			



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>3H2HKX</b>	<b>0.55</b>	0.00	0.00	<b>1.48</b>	-0.22	0.00	<b>1.65</b>	-0.29	0.00	<b>0.57</b>	-0.04	0.00	<b>1.43</b>	-0.56	0.00
<b>477JED</b>	<b>0.55</b>	0.00	0.23	<b>1.52</b>	0.09	1.43	<b>1.68</b>	-0.09	0.39	<b>0.57</b>	0.00	0.19	<b>1.48</b>	-0.16	0.96
<b>APVVKY</b>	<b>0.54</b>	-0.08	0.32	<b>1.50</b>	-0.09	1.47	<b>1.57</b>	-0.89	0.64	<b>0.53</b>	-0.28	0.07	<b>1.47</b>	-0.28	0.57
<b>CAU3RT</b>	<b>0.56</b>	0.05	0.21	<b>1.54</b>	0.29	1.19	<b>1.71</b>	0.19	0.43	<b>0.90</b>	2.18	3.84	<b>1.50</b>	0.00	0.38
<b>FQ9BLT</b>	<b>1.21</b>	3.73	3.49	<b>1.78</b>	2.33	0.92	<b>1.98</b>	2.26	2.95	<b>1.03</b>	3.08	0.28	<b>1.79</b>	2.20	2.55
<b>FZCVGU</b>	<b>0.52</b>	-0.19	0.08	<b>1.50</b>	-0.09	0.40	<b>1.61</b>	-0.58	0.11	<b>0.54</b>	-0.22	0.13	<b>1.43</b>	-0.56	0.49
<b>FZDHZT</b>	<b>0.49</b>	-0.35	0.69	<b>1.42</b>	-0.76	1.71	<b>1.50</b>	-1.45	1.06	<b>0.51</b>	-0.40	0.10	<b>1.39</b>	-0.87	0.87
<b>GCPCQC</b>	<b>0.52</b>	-0.20	0.20	<b>1.47</b>	-0.28	0.28	<b>1.62</b>	-0.49	0.16	<b>0.54</b>	-0.26	0.04	<b>1.46</b>	-0.34	0.23
<b>K9F4CC</b>	<b>0.62</b>	0.37	1.43	<b>1.59</b>	0.76	2.14	<b>1.82</b>	1.04	1.84	<b>0.61</b>	0.24	0.08	<b>1.57</b>	0.50	1.93
<b>NQK6CE</b>	<b>0.51</b>	-0.24	0.45	<b>1.47</b>	-0.33	0.34	<b>1.77</b>	0.63	0.17	<b>0.57</b>	0.00	0.08	<b>1.60</b>	0.72	1.33
<b>TBE3AN</b>	<b>0.29</b>	-1.50	0.18	<b>1.45</b>	-0.44	0.79	<b>1.60</b>	-0.66	1.24	<b>0.29</b>	-1.92	0.15	<b>1.41</b>	-0.69	0.77
<b>W2V8D6</b>	<b>0.54</b>	-0.04	0.87	<b>1.41</b>	-0.85	0.34	<b>1.63</b>	-0.48	0.54	<b>0.57</b>	0.00	0.03	<b>1.46</b>	-0.31	0.38
<b>W9FZUB</b>	<b>1.55</b>	5.70X	0.26	<b>1.69</b>	1.57	0.00	<b>0.56</b>	-8.72X	0.21	<b>1.52</b>	6.36X	0.10	<b>1.60</b>	0.78	1.26
<b>WLEA94</b>	<b>0.69</b>	0.78	0.25	<b>1.60</b>	0.80	0.18	<b>1.73</b>	0.30	0.03	<b>0.67</b>	0.64	0.06	<b>1.53</b>	0.23	0.41
<b>Y72BLH</b>	<b>0.66</b>	0.63	0.03	<b>1.59</b>	0.73	0.27	<b>1.76</b>	0.58	0.31	<b>0.67</b>	0.63	0.05	<b>1.55</b>	0.34	0.18
<b>YC4RPW</b>	<b>0.96</b>	2.33	0.00	<b>2.00</b>	4.22X		<b>1.70</b>	0.09	0.00	<b>1.20</b>	4.22X	0.00	<b>1.80</b>	2.29	0.00
<b>YNW8EX</b>	<b>0.60</b>	0.29	0.15	<b>1.64</b>	1.18	0.91	<b>1.79</b>	0.78	0.29	<b>0.61</b>	0.22	0.16	<b>1.59</b>	0.64	0.19

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups													Data units: Percent		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	0.55			1.51			1.69			0.57			1.50		
<b>Median Abs Dev</b>	0.05			0.07			0.08			0.04			0.07		
<b>Avg Within Lab SD</b>	0.04			0.02			0.06			0.15			0.03		
<b>Labs Included</b>	16			16			16			15			17		
<b>Labs Reporting</b>	17			17			17			17			17		



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>2NQD9W</b>	<b>0.83</b>	-0.94	1.04	<b>2.45</b>	-0.54	1.85	<b>3.07</b>	0.55	1.06	<b>1.00</b>	-0.04	1.48	<b>2.33</b>	-0.60	0.69	
<b>2XXDL4</b>	<b>1.02</b>	0.12	0.88	<b>2.63</b>	0.15	0.24	<b>3.02</b>	0.37	0.61	<b>1.01</b>	0.00	0.39	<b>2.67</b>	0.38	0.13	
<b>4PGFU3</b>	<b>0.97</b>	-0.18	1.05	<b>2.57</b>	-0.09	0.55	<b>3.07</b>	0.54	1.64	<b>1.03</b>	0.11	0.79	<b>2.63</b>	0.27	1.68	
<b>4TFRQ3</b>	<b>1.07</b>	0.40	1.37													
<b>63XXV6</b>	<b>1.30</b>	1.63	0.21	<b>2.79</b>	0.76	0.11	<b>3.05</b>	0.47	0.33	<b>1.06</b>	0.20	0.08	<b>2.88</b>	0.99	0.23	
<b>8E3UVP</b>	<b>1.21</b>	1.17	0.42	<b>2.69</b>	0.39	2.02	<b>2.98</b>	0.23	1.44	<b>1.61</b>	2.41	0.60	<b>2.27</b>	-0.78	1.27	
<b>8NB6K4</b>	<b>2.76</b>	9.66X	0.12	<b>2.74</b>	0.58	0.06	<b>2.76</b>	-0.58	0.00	<b>0.73</b>	-1.08	1.47	<b>1.88</b>	-1.89	0.38	
<b>99RYT2</b>	<b>0.80</b>	-1.09	1.37	<b>2.75</b>	0.62	1.57	<b>2.82</b>	-0.37	0.40	<b>0.91</b>	-0.38	0.89	<b>2.54</b>	0.00	1.24	
<b>AA32EZ</b>	<b>0.96</b>	-0.24	0.11	<b>2.59</b>	0.00	0.17	<b>2.93</b>	0.04	0.11	<b>1.00</b>	-0.04	0.08	<b>2.59</b>	0.16	0.17	
<b>FBTF2Q</b>	<b>0.96</b>	-0.22	2.53	<b>2.43</b>	-0.59	1.81	<b>2.92</b>	0.00	1.49	<b>1.45</b>	1.78	2.59	<b>2.35</b>	-0.54	1.52	
<b>HADU7L</b>	<b>1.14</b>	0.79	0.38	<b>2.73</b>	0.53	0.83	<b>2.91</b>	-0.02	0.33	<b>1.11</b>	0.42	0.24	<b>2.59</b>	0.14	0.44	
<b>JFVK88</b>	<b>1.00</b>	0.00		<b>2.73</b>	0.54	0.55	<b>2.93</b>	0.05	0.62	<b>1.07</b>	0.24	0.79	<b>2.80</b>	0.75	1.10	
<b>JVAT7P</b>	<b>1.01</b>	0.05	0.77	<b>2.33</b>	-0.99	0.53	<b>3.23</b>	1.14	2.05	<b>0.78</b>	-0.88	0.09	<b>2.69</b>	0.44	1.51	
<b>KHJELM</b>	<b>0.90</b>	-0.57	0.28	<b>2.42</b>	-0.64	0.25	<b>2.51</b>	-1.50	0.12	<b>0.89</b>	-0.46	0.24	<b>2.23</b>	-0.87	0.44	
<b>KXWRYE</b>	<b>0.72</b>	-1.54		<b>2.30</b>	-1.09		<b>2.70</b>	-0.81		<b>0.86</b>	-0.58		<b>2.32</b>	-0.62		
<b>M67ZDK</b>	<b>0.73</b>	-1.47	0.11	<b>2.02</b>	-2.15	0.39	<b>2.27</b>	-2.38	0.91	<b>0.75</b>	-1.01	0.08	<b>2.21</b>	-0.93	0.35	
<b>PJGFB2</b>	<b>1.31</b>	1.72	1.37	<b>2.63</b>	0.16	1.49	<b>2.80</b>	-0.44	1.51	<b>1.23</b>	0.91	2.10	<b>2.56</b>	0.06	2.13	
<b>WLEA94</b>	<b>1.03</b>	0.17	0.18	<b>2.75</b>	0.60	0.19	<b>3.08</b>	0.60	0.82	<b>1.09</b>	0.35	0.69	<b>2.67</b>	0.38	0.55	
<b>WY3BQV</b>	<b>1.13</b>	0.73	1.05	<b>2.50</b>	-0.34	0.96	<b>2.73</b>	-0.69	0.62	<b>1.57</b>	2.24	0.79	<b>2.50</b>	-0.11		
<b>XG3L98</b>	<b>0.93</b>	-0.37	1.05	<b>2.10</b>	-1.84	0.96	<b>2.63</b>	-1.06	0.62	<b>0.93</b>	-0.29	0.79	<b>1.93</b>	-1.73	0.63	
<b>Y72BLH</b>	<b>1.03</b>	0.18	0.21	<b>2.63</b>	0.14	0.61	<b>3.14</b>	0.82	0.16	<b>1.11</b>	0.42	0.14	<b>2.81</b>	0.78	0.11	
<b>YC7GR9</b>	<b>0.89</b>	-0.59	0.82	<b>2.21</b>	-1.43	0.58	<b>2.52</b>	-1.49	1.40	<b>0.92</b>	-0.34	0.27	<b>1.93</b>	-1.75	0.89	



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110	
<b>Grand Median</b>	1.00	2.59	2.92	1.01	2.54	
<b>Median Abs Dev</b>	0.10	0.15	0.15	0.10	0.21	
<b>Avg Within Lab SD</b>	0.05	0.10	0.09	0.07	0.09	
<b>Labs Included</b>	21	21	21	21	21	
<b>Labs Reporting</b>	22	21	21	21	21	



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SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
27PVW7	1.60	0.14	0.00	3.30	-0.24	0.00	2.83	-0.24	0.43	2.03	-0.12	0.78	2.93	-0.24	0.76	
28L7UU	1.60	0.14	0.00	3.37	0.03	0.74	2.97	0.24	0.43	2.17	0.32	0.78	2.97	-0.11	0.76	
2NQD9W	1.54	-0.19	2.75	3.34	-0.07	2.75	2.87	-0.10	1.06	2.05	-0.06	0.90	2.93	-0.27	2.51	
2QV4DQ	1.57	0.00	0.44	3.24	-0.47	0.74	2.87	-0.11	0.20	2.01	-0.21	1.01	2.93	-0.24	0.76	
2UX4B3	1.59	0.07	1.33	3.38	0.07	0.61	2.95	0.19	0.43	2.21	0.46	0.75	3.03	0.14	1.19	
3H2HKX	1.66	0.46	0.00	3.41	0.20	0.00	2.91	0.04	0.00	2.11	0.13	0.00	3.07	0.28	0.00	
44AAZ2	1.52	-0.30	0.07	3.34	-0.07	0.07	2.84	-0.23	0.04	2.05	-0.06	0.08	2.99	-0.01	0.08	
4GLFB4	1.61	0.17	0.24	3.43	0.27	0.11	2.98	0.30	0.07	2.09	0.06	0.59	3.06	0.25	0.40	
6AGXFN	1.46	-0.59	0.13	3.41	0.20	0.83	2.92	0.07	0.24	2.19	0.40	1.71	3.18	0.69	0.47	
6MJMA4	1.36	-1.14	0.26	3.01	-1.41	0.37	2.64	-0.94	0.15	1.66	-1.36	0.64	2.76	-0.92	0.65	
83RZZZ	1.60	0.14	0.98	3.51	0.61	1.30	2.90	0.00	0.86	2.15	0.25	0.70	3.11	0.43	0.90	
89YQ6Q	3.85	12.01X	0.33	3.30	-0.24	0.64	3.05	0.54	0.22	5.11	10.05X	0.81	0.69	-8.82X	0.08	
8WLQ9X	1.40	-0.91	1.24	3.30	-0.24	0.00	2.83	-0.24	0.43	1.87	-0.67	0.78	2.87	-0.50	0.76	
99RYT2	1.36	-1.11	1.38	3.39	0.13	0.41	3.09	0.68	1.38	2.27	0.66	1.91	3.30	1.14	0.23	
9N78QJ	1.75	0.91	0.38	3.52	0.65	0.37	2.96	0.22	0.20	2.37	0.98	0.88	3.10	0.38	0.55	
AN6UJG	1.47	-0.54	0.50	3.10	-1.05	0.65	2.80	-0.37	0.49	2.00	-0.24	0.61	2.88	-0.46	0.66	
APVVKY	1.63	0.32	1.43	3.53	0.69	0.74	3.03	0.48	0.43	2.13	0.21	0.78	3.17	0.65	1.52	
BU83NN	1.76	0.97	0.07	3.44	0.32	1.14	2.94	0.16	0.28	2.33	0.86	0.62	3.15	0.59	1.05	
CAU3RT	1.60	0.14	0.00	3.36	0.01	0.27	3.01	0.41	0.26	1.86	-0.68	0.21	3.07	0.28	0.13	
CDTEMT	1.56	-0.09	0.61	3.43	0.29	0.74	2.93	0.12	0.43	2.07	-0.01	1.56	3.07	0.27	0.76	
DVP2UH	1.40	-0.89	1.82	3.19	-0.66	1.99	2.84	-0.21	0.79	1.89	-0.59	1.62	2.95	-0.19	1.59	
FQ9BLT	1.25	-1.73	0.45	2.76	-2.41	0.74	2.51	-1.41	0.21	1.49	-1.90	0.46	2.57	-1.62	0.50	
FZDHZT	1.15	-2.25	1.18	2.76	-2.42	1.43	2.29	-2.22	0.62	1.61	-1.53	1.61	2.39	-2.32	1.36	
G3YRLE	1.73	0.84	0.72	4.80	5.76X	22.35	3.30	1.45	1.30	2.43	1.20	0.78	3.40	1.54	1.32	
GCPCQC	1.62	0.26	0.40	3.45	0.37	0.50	2.98	0.30	0.62	2.18	0.35	0.62	3.09	0.36	0.48	
HMYA9K	1.50	-0.39		3.23	-0.51	0.74	2.73	-0.60	0.43	2.00	-0.23		2.93	-0.24	0.76	





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SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
J78RVB	1.42	-0.83	0.14	2.85	-2.03	0.20	2.46	-1.60	0.52	1.65	-1.38	0.16	2.51	-1.85	0.73	
JFVK88	1.43	-0.74	1.43	3.30	-0.24	1.29	2.77	-0.48	0.43	1.97	-0.34	0.78	2.87	-0.50	0.76	
K72YEE	1.72	0.76	0.52	3.36	-0.01	0.07	2.83	-0.27	0.23	2.10	0.09	0.43	3.00	0.01	0.13	
K9F4CC	1.77	1.04	0.19	3.62	1.04	0.38	3.07	0.63	0.14	2.41	1.13	0.32	3.34	1.30	0.11	
KHJELM										0.99	-3.58X	0.43				
KXWRYE	0.67	-4.76X		2.36	-4.00X		2.22	-2.47		1.00	-3.53X		1.39	-6.14X		
LURJ89	1.73	0.83	0.75	3.58	0.89	1.08	3.05	0.53	0.54	2.42	1.14	0.55	3.21	0.81	0.70	
NL6AWG	1.34	-1.25	0.07	3.15	-0.84	0.59	2.52	-1.39	0.50	2.07	0.00	0.71	2.73	-1.02	0.57	
Q3N624	1.63	0.28	0.83	3.41	0.20	1.77	2.84	-0.23	1.20	2.16	0.30	0.95	2.98	-0.08	2.11	
RBUAQY	1.54	-0.19	0.31	3.20	-0.65	0.39	2.83	-0.27	0.16	1.92	-0.50	0.23	2.94	-0.22	0.23	
T9P4PX	0.69	-4.65X	0.34	2.70	-2.63	0.75	2.29	-2.22	4.56	1.05	-3.37	0.41	2.54	-1.76	0.73	
TW8LU7	2.33	4.01X	3.98	4.60	4.96X	2.23	3.53	2.30	1.89	2.77	2.30	2.06	4.20	4.60X	1.32	
UB6TN2	1.72	0.77	0.21	3.42	0.23	0.37	3.05	0.54	0.61	2.19	0.40	0.59	3.01	0.06	0.73	
UFZLL3	1.57	-0.04	0.28	3.44	0.30	0.30	2.97	0.26	0.60	2.06	-0.02	0.56	3.10	0.39	0.31	
ULP4ZE	1.62	0.23	0.07	3.36	0.01	0.15	2.91	0.04	0.07	2.08	0.04	0.08	3.00	0.01	0.26	
UVFMF8	1.51	-0.34	0.26	3.23	-0.53	0.21	2.68	-0.79	0.03	1.97	-0.33	0.07	2.67	-1.24	0.14	
VB6CQV	2.06	2.58	0.79	3.90	2.17	1.27	3.40	1.83	0.83	2.91	2.78	1.35	3.56	2.14	1.10	
W9FZUB	1.93	1.87	3.80	3.70	1.36	3.40	3.19	1.06	2.89	2.42	1.17	3.33	3.31	1.18	3.29	
WLEA94	1.43	-0.74	0.72	3.13	-0.91	0.74	2.63	-0.97	0.43	1.90	-0.56	0.00	2.77	-0.88	0.76	
WVPBU6	1.49	-0.44	0.25	3.14	-0.87	0.20	2.63	-0.97	0.22	1.96	-0.36	0.23	2.84	-0.59	0.27	
YC4RPW	1.60	0.14	0.00	3.40	0.16	0.00	2.90	0.00	0.00	2.10	0.10	0.00	3.10	0.39	0.00	
ZFKDXA	1.34	-1.24	0.10	3.12	-0.96	0.42	2.63	-0.97	0.53	1.92	-0.50	0.42	2.70	-1.13	0.01	



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SOM - LOI ( % Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2106	SRS2107	SRS2108	SRS2109	SRS2110	
<b>Grand Median</b>	1.57	3.36	2.90	2.07	3.00	
<b>Median Abs Dev</b>	0.10	0.11	0.11	0.12	0.12	
<b>Avg Within Lab SD</b>	0.08	0.08	0.13	0.07	0.08	
<b>Labs Included</b>	43	44	47	45	44	
<b>Labs Reporting</b>	47	47	47	48	47	



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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups													Data units: %		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
WebCode	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
<b>FZDHZT</b>	<b>1.62</b>		0.98	<b>3.41</b>		0.58	<b>2.89</b>		0.69	<b>2.13</b>		0.86	<b>3.00</b>		0.58
<b>W2V8D6</b>	<b>1.87</b>		1.42	<b>4.00</b>		1.63	<b>3.43</b>		1.57	<b>2.47</b>		1.50	<b>3.57</b>		1.63
<b>WVPBU6</b>	<b>1.41</b>		0.19	<b>2.90</b>		0.07	<b>2.43</b>		0.22	<b>1.83</b>		0.11	<b>2.63</b>		0.11
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups													Data units: %		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	1.62			3.41			2.89			2.13			3.00		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	0.11			0.21			0.13			0.15			0.20		
<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 45 - Summer 2021

CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>9N78QJ</b>	<b>0.60</b>	0.08	0.68	<b>0.82</b>	0.17	0.00	<b>0.29</b>	-0.68	0.61	<b>0.47</b>	0.00	1.46	<b>0.53</b>	0.00	0.58	
<b>AN6UJG</b>	<b>1.18</b>	1.90	1.60	<b>1.24</b>	1.58	2.04	<b>0.95</b>	2.34	1.68	<b>1.16</b>	1.95	0.59	<b>1.13</b>	2.59	0.29	
<b>FZCVGU</b>	<b>0.34</b>	-0.74	0.73	<b>0.61</b>	-0.53	0.18	<b>0.33</b>	-0.49	0.55	<b>0.19</b>	-0.77	1.06	<b>0.47</b>	-0.24	0.43	
<b>JFVK88</b>	<b>0.37</b>	-0.65	1.08	<b>0.37</b>	-1.36	1.12	<b>0.43</b>	-0.02	1.21	<b>0.37</b>	-0.28	1.14	<b>0.43</b>	-0.40	0.83	
<b>NMH4CH</b>				<b>0.67</b>	-0.34	0.25										
<b>W2V8D6</b>				<b>0.77</b>	0.00	0.89	<b>0.44</b>	0.02								
<b>WY3BQV</b>	<b>0.57</b>	0.00	0.53	<b>0.99</b>	0.74	0.84	<b>0.55</b>	0.50	0.21	<b>0.60</b>	0.37	0.30	<b>0.56</b>	0.14	1.93	
CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	0.57			0.77			0.44			0.47			0.53			
<b>Median Abs Dev</b>	0.21			0.16			0.11			0.13			0.06			
<b>Avg Within Lab SD</b>	0.05			0.05			0.05			0.05			0.07			
<b>Labs Included</b>	5			7			6			5			5			
<b>Labs Reporting</b>	5			7			6			5			5			



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>63XXV6</b>	<b>9.7</b>	-0.12	0.22	<b>14.3</b>	-0.27	0.32	<b>11.3</b>	-0.08	0.40	<b>8.7</b>	-0.77	0.37	<b>12.0</b>	-0.56	0.48	
<b>AN6UJG</b>	<b>9.9</b>	0.00	0.16	<b>13.9</b>	-0.41	0.04	<b>2.4</b>	-2.35	0.24	<b>10.0</b>	-0.32	0.36	<b>11.3</b>	-0.85	0.48	
<b>FQ9BLT</b>	<b>11.1</b>	0.71	2.43	<b>20.0</b>	1.80	0.52	<b>14.7</b>	0.81	1.00	<b>13.1</b>	0.79	0.34	<b>13.3</b>	0.00	1.36	
<b>FZDHZT</b>	<b>10.3</b>	0.25	0.44	<b>16.0</b>	0.37	0.19	<b>12.9</b>	0.34	0.37	<b>10.5</b>	-0.12	0.28	<b>13.8</b>	0.22	0.40	
<b>KHJELM</b>	<b>9.2</b>	-0.38	0.44	<b>13.3</b>	-0.62	0.42	<b>9.9</b>	-0.42	0.16	<b>11.4</b>	0.18	0.40	<b>9.9</b>	-1.50	0.23	
<b>KXWRYE</b>	<b>2.6</b>	-4.29X		<b>4.2</b>	-3.91X		<b>3.8</b>	-1.99		<b>3.8</b>	-2.50X		<b>3.5</b>	-4.29X		
<b>L4XLAK</b>	<b>7.6</b>	-1.34	0.55	<b>14.9</b>	-0.04	0.19	<b>10.6</b>	-0.25	0.32	<b>10.9</b>	0.00	0.14	<b>11.3</b>	-0.88	0.23	
<b>W2V8D6</b>	<b>9.0</b>	-0.50	0.13	<b>16.3</b>	0.45	0.22	<b>12.0</b>	0.12	0.24	<b>8.5</b>	-0.85	0.31	<b>13.7</b>	0.20	0.52	
<b>WLEA94</b>	<b>10.0</b>	0.07	0.24	<b>13.4</b>	-0.59	0.09	<b>11.1</b>	-0.11	0.17	<b>10.2</b>	-0.24	0.32	<b>12.8</b>	-0.20	0.26	
<b>WY3BQV</b>	<b>15.0</b>	3.03		<b>19.7</b>	1.68	0.81	<b>15.7</b>	1.04	0.61	<b>16.0</b>	1.81	0.90	<b>18.3</b>	2.24	1.73	
<b>XRZLKB</b>	<b>11.6</b>	1.02	1.79	<b>18.3</b>	1.19	3.00	<b>13.5</b>	0.49	3.00	<b>16.1</b>	1.85	3.06	<b>14.9</b>	0.72	2.25	
<b>Y72BLH</b>	<b>9.9</b>	-0.01	0.27	<b>15.0</b>	0.00	0.81	<b>11.9</b>	0.08	0.28	<b>12.2</b>	0.49	0.07	<b>13.4</b>	0.06	0.18	

  

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	9.87			15.0			11.6			10.9			13.3			
<b>Median Abs Dev</b>	0.65			1.3			1.5			1.4			1.3			
<b>Avg Within Lab SD</b>	0.37			1.4			0.9			1.1			0.7			
<b>Labs Included</b>	11			11			12			11			11			
<b>Labs Reporting</b>	12			12			12			12			12			



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CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
<b>6MJMA4</b>	<b>11.0</b>	-0.18	1.96	<b>19.2</b>	0.41	1.02	<b>13.8</b>	0.40	0.35	<b>12.5</b>	0.13	2.43	<b>12.4</b>	-0.24	1.92
<b>6NDCDW</b>	<b>12.8</b>	0.88	0.12	<b>21.7</b>	1.32	0.56	<b>15.6</b>	1.11	1.13	<b>12.9</b>	0.33	0.24	<b>13.9</b>	0.67	0.10
<b>83RZZZ</b>	<b>10.9</b>	-0.23	1.27	<b>18.0</b>	-0.06	1.23	<b>13.1</b>	0.09	1.48	<b>12.4</b>	0.04	0.74	<b>14.7</b>	1.18	1.39
<b>8WLQ9X</b>	<b>11.2</b>	-0.10	0.67	<b>18.1</b>	-0.01	0.46	<b>13.4</b>	0.21	0.73	<b>11.3</b>	-0.54	1.11	<b>12.7</b>	-0.06	0.72
<b>9N78QJ</b>	<b>11.5</b>	0.10	0.75	<b>17.9</b>	-0.07	0.44	<b>11.5</b>	-0.55	0.23	<b>9.6</b>	-1.49	0.37	<b>11.2</b>	-0.93	0.44
<b>CAU3RT</b>	<b>14.2</b>	1.67	0.21	<b>21.9</b>	1.40	0.22	<b>16.7</b>	1.57	0.11	<b>17.9</b>	3.03X	0.34	<b>18.9</b>	3.77X	0.13
<b>FQ9BLT</b>	<b>11.7</b>	0.22	0.12	<b>19.3</b>	0.43	0.50	<b>12.4</b>	-0.18	1.12	<b>10.8</b>	-0.82	0.35	<b>12.0</b>	-0.45	0.10
<b>FZDHZT</b>	<b>8.1</b>	-1.90	0.68	<b>12.5</b>	-2.10	0.07	<b>9.4</b>	-1.40	0.77	<b>12.6</b>	0.16	1.19	<b>12.8</b>	0.00	1.18
<b>G3YRLE</b>	<b>12.9</b>	0.90	0.12	<b>22.6</b>	1.67	2.12	<b>16.7</b>	1.55	1.94	<b>10.6</b>	-0.91	0.37	<b>14.6</b>	1.12	1.36
<b>K9F4CC</b>	<b>11.6</b>	0.16	0.23	<b>18.2</b>	0.01	0.35	<b>12.1</b>	-0.30	0.81	<b>12.3</b>	0.00	0.16	<b>14.7</b>	1.20	0.16
<b>KXWRYE</b>	<b>9.3</b>	-1.20		<b>17.3</b>	-0.33		<b>11.2</b>	-0.66		<b>7.6</b>	-2.53		<b>10.3</b>	-1.52	
<b>Q3N624</b>	<b>10.4</b>	-0.57	1.99	<b>17.4</b>	-0.27	1.68	<b>12.6</b>	-0.09	0.73	<b>13.2</b>	0.47	0.61	<b>12.8</b>	0.04	0.61

  

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	11.3			18.1			12.9			12.3			12.8		
<b>Median Abs Dev</b>	0.7			1.0			1.2			0.9			1.1		
<b>Avg Within Lab SD</b>	0.5			0.6			0.4			0.4			0.6		
<b>Labs Included</b>	12			12			12			11			11		
<b>Labs Reporting</b>	12			12			12			12			12		



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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>2397W4</b>	<b>1.33</b>	1.04	1.52	<b>1.31</b>	0.81	0.03	<b>1.41</b>	0.27	0.47	<b>1.38</b>	0.98	0.78	<b>1.21</b>	0.25	0.19	
<b>6NDCDW</b>	<b>1.17</b>	-0.27	1.02	<b>1.23</b>	-0.05	1.22	<b>1.35</b>	-0.27	0.81	<b>1.23</b>	-0.17	1.89	<b>1.14</b>	-0.50	1.17	
<b>APVVKY</b>	<b>1.15</b>	-0.46	1.23	<b>1.24</b>	0.05	0.80	<b>1.41</b>	0.31	1.77	<b>1.22</b>	-0.28	0.73	<b>1.21</b>	0.27	1.42	
<b>KXWRYE</b>	<b>1.19</b>	-0.10		<b>1.21</b>	-0.27		<b>1.35</b>	-0.30		<b>1.22</b>	-0.28		<b>1.16</b>	-0.25		
<b>L4XLAK</b>	<b>2.38</b>	9.87X	1.23	<b>2.30</b>	11.46X	0.71	<b>2.46</b>	10.94X	0.25	<b>2.38</b>	8.94X	0.87	<b>2.47</b>	13.49X	0.47	
<b>RJMZY9</b>	<b>1.21</b>	0.10	0.34	<b>1.22</b>	-0.16	1.67	<b>1.34</b>	-0.37	0.96	<b>1.28</b>	0.17	0.48	<b>1.13</b>	-0.60	1.25	
<b>Y72BLH</b>	<b>1.45</b>	2.09	0.00	<b>1.49</b>	2.70	0.27	<b>1.63</b>	2.53	0.25	<b>1.53</b>	2.16	0.24	<b>1.39</b>	2.17	0.00	

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	1.20			1.24			1.38			1.26			1.18			
<b>Median Abs Dev</b>	0.04			0.02			0.03			0.03			0.04			
<b>Avg Within Lab SD</b>	0.02			0.02			0.04			0.02			0.03			
<b>Labs Included</b>	6			6			6			6			6			
<b>Labs Reporting</b>	7			7			7			7			7			



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
	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
2397W4	41.0	-0.29		29.7	0.72	0.63	69.0	-1.33		46.3	-0.56	0.73	39.7	-0.42	0.65
27PVW7	28.9	-1.66	1.05	14.1	-1.73	2.44	68.0	-1.60	1.44	41.1	-1.54	1.83	40.1	-0.35	1.67
2KQ632	39.7	-0.44	0.48	20.3	-0.75	0.63	71.0	-0.76		44.3	-0.93	0.73	40.3	-0.30	0.65
2QV4DQ	51.0	0.84		41.0	2.50X		77.0	0.96		51.0	0.31		51.0	1.63	
4TFRQ3							72.3	-0.39	0.55						
63XXV6	39.9	-0.42	0.62	19.9	-0.82	0.81	70.6	-0.86	1.44	45.2	-0.77	0.92	39.3	-0.49	0.00
83RZZZ	40.8	-0.32	0.31	24.8	-0.05	0.68	73.8	0.04	0.24	44.8	-0.85	0.16	39.8	-0.41	0.14
9N78QJ	26.5	-1.94	0.19	13.3	-1.86	0.06	63.5	-2.89X	0.73	36.6	-2.38	0.55	28.2	-2.51X	0.68
ACAKXT	44.6	0.12	0.79	28.8	0.57	1.18	77.9	1.22	1.39	50.0	0.12	0.79	43.8	0.32	0.71
AN6UJG	46.3	0.31	0.48	27.0	0.30		77.0	0.96		49.0	-0.06	1.27	44.3	0.42	1.31
APVVKY	41.0	-0.29	0.54	21.5	-0.56	0.78	70.0	-1.03	0.43	46.4	-0.54	1.11	38.5	-0.63	0.65
BU83NN	43.6	0.00	0.00	25.2	0.02	0.00	73.1	-0.16	0.00	46.6	-0.51	0.00	40.7	-0.24	0.00
CDTEMT	42.0	-0.18		26.0	0.14		74.0	0.10		49.3	0.00	0.73	42.0	0.00	
FQ9BLT	50.0	0.73		25.7	0.09	0.83	73.7	0.01	1.11	52.3	0.56	0.73	48.7	1.21	0.87
FZDHzT	50.0	0.73	1.94	19.3	-0.91	0.60	70.7	-0.83	0.99	51.7	0.44	0.64	37.6	-0.79	0.16
GCPCQC	44.5	0.11	1.35	31.8	1.06	2.37	75.2	0.44	2.16	48.5	-0.16	1.38	45.5	0.64	1.47
JVAT7P	52.8	1.05	0.38	25.4	0.04	0.51	72.2	-0.41	0.59	51.6	0.42	0.40	47.7	1.03	0.45
K9F4CC	43.6	0.01		23.6	-0.23		73.6	0.00		49.7	0.07		41.5	-0.09	
KXWRYE	57.0	1.53		23.0	-0.33		74.0	0.10		57.0	1.43		46.0	0.73	
NQK6CE	35.7	-0.90	3.06	17.0	-1.28	0.44	68.8	-1.38	0.28	44.6	-0.88	0.85	33.6	-1.52	2.11
NW8PLL	35.3	-0.94	1.20	16.0	-1.43	0.10	69.6	-1.17	1.03	50.3	0.18	0.67	33.2	-1.60	0.07
Q3N624	50.5	0.79	0.48	27.9	0.44	1.66	74.5	0.26	1.11	51.2	0.35	1.27	46.5	0.82	1.73
RJMjY9	40.7	-0.33	0.24	25.0	-0.02	0.54	73.7	0.01	0.55	47.7	-0.31	2.57	42.0	0.00	1.50
TBE3AN	50.0	0.73		29.2	0.64	0.78	75.4	0.51	0.69	55.0	1.06		45.0	0.54	
TW8LU7	47.5	0.45	0.21	30.0	0.77	1.09	75.0	0.39	0.96	50.0	0.12		48.0	1.09	1.13
ULP4ZE	30.6	-1.47	0.30	13.5	-1.82	0.39	68.5	-1.48	1.44	40.4	-1.66	0.04	35.2	-1.24	0.74





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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>VB6CQV</b>	<b>54.7</b>	1.27	0.00	<b>30.6</b>	0.86	0.00	<b>70.2</b>	-0.97	0.00	<b>58.2</b>	1.66	0.00	<b>42.2</b>	0.04	0.00	
<b>Y72BLH</b>	<b>38.0</b>	-0.63		<b>24.0</b>	-0.17		<b>72.0</b>	-0.47		<b>46.0</b>	-0.62		<b>40.0</b>	-0.36		
<b>YC4RPW</b>	<b>53.0</b>	1.07		<b>31.0</b>	0.93		<b>76.0</b>	0.68		<b>52.0</b>	0.50		<b>50.0</b>	1.45		
<b>YNW8EX</b>	<b>43.4</b>	-0.02	0.31	<b>27.3</b>	0.35	0.00	<b>77.3</b>	1.05	0.00	<b>52.3</b>	0.55	0.00	<b>44.8</b>	0.51	0.00	
Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	43.6			25.1			73.6			49.3			42.0			
<b>Median Abs Dev</b>	5.6			3.9			2.4			2.9			2.9			
<b>Avg Within Lab SD</b>	2.4			1.8			1.0			1.6			1.8			
<b>Labs Included</b>	29			28			29			29			28			
<b>Labs Reporting</b>	29			29			30			29			29			



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
2397W4	40.7	-0.57	0.56	31.3	-2.25	0.58	14.7	-0.45	0.99	24.7	-0.91	0.64	31.3	-1.01	0.77	
27PVW7	58.4	1.66	1.24	55.5	1.21	2.71	19.0	0.70	1.28	35.4	1.63	2.42	37.9	0.00	1.70	
2KQ632	48.0	0.36		45.3	-0.25	0.58	16.7	0.08	0.99	32.0	0.83	1.10	34.7	-0.50	0.77	
2QV4DQ	40.0	-0.65		48.0	0.13		16.0	-0.10		30.0	0.36		40.0	0.32		
4TFRQ3							11.6	-1.28	0.40							
63XXV6	47.4	0.29	0.73	51.3	0.61	0.75	16.4	0.00	1.28	31.1	0.63	0.80	40.5	0.39	1.00	
83RZZZ	48.1	0.37	0.06	47.1	0.00	0.55	17.1	0.19	0.10	32.6	0.97	0.33	40.6	0.40	0.40	
9N78QJ	56.4	1.42	0.10	49.7	0.38	0.38	18.1	0.47	0.43	32.4	0.93	0.11	43.7	0.88	1.68	
ACAKXT	49.6	0.56	0.70	47.9	0.12	0.95	15.4	-0.25	0.62	32.9	1.05	1.05	41.7	0.57	0.48	
AN6UJG	41.3	-0.48	0.56	43.3	-0.53	0.58	12.0	-1.17		28.0	-0.12	1.10	34.7	-0.50	1.54	
APVVKY	45.2	0.00	0.61	43.5	-0.51	1.08	16.1	-0.07	0.23	27.3	-0.28	0.77	35.6	-0.36	0.63	
BU83NN	41.2	-0.49	0.00	39.4	-1.09	0.00	5.4	-2.92X	0.00	25.9	-0.61	0.00	33.8	-0.63	0.00	
CDTEMT	49.0	0.48		48.3	0.18	0.29	17.7	0.35	0.99	31.7	0.75	0.64	39.3	0.21	0.38	
FQ9BLT	38.3	-0.86	0.28	45.7	-0.20	1.04	14.3	-0.54	0.99	27.7	-0.19	0.64	33.3	-0.71	1.02	
FZDHzT	41.7	-0.44	2.29	60.6	1.93	1.19	19.8	0.92	0.95	28.1	-0.10	0.57	48.6	1.64	0.30	
GCPCQC	40.7	-0.57	1.58	34.7	-1.78	2.32	11.0	-1.44	1.54	26.7	-0.43	1.04	29.7	-1.27	1.64	
JVAT7P	38.9	-0.79	0.77	50.4	0.48	0.52	17.8	0.39	0.16	28.5	0.00	0.23	37.4	-0.07	0.49	
K9F4CC	46.2	0.13		46.2	-0.12		16.2	-0.04		26.1	-0.56		46.3	1.28		
KXWRYE	36.0	-1.15		52.0	0.71		19.0	0.70		24.0	-1.06		47.0	1.39		
NQK6CE	44.2	-0.12	2.25	52.8	0.82	0.30	21.6	1.40	0.09	41.4	3.07X	1.17	40.1	0.33	1.89	
NW8PLL	51.6	0.82	1.49	57.0	1.42	1.42	17.5	0.31	1.45	28.9	0.11	0.49	46.5	1.31	0.77	
Q3N624	44.7	-0.06	0.56	46.0	-0.15	1.00	16.7	0.08	0.99	28.0	-0.12	1.10	36.0	-0.30	1.33	
RJMjY9	48.9	0.47	0.34	47.4	0.05	0.26	16.8	0.12	1.29	31.6	0.74	2.33	38.9	0.15	0.92	
TBE3AN	42.5	-0.34		46.7	-0.06	0.72	14.6	-0.48	0.62	25.0	-0.83		37.9	0.00	0.48	
TW8LU7	48.0	0.36		45.0	-0.30	0.50	19.5	0.84	1.28	32.0	0.83		36.0	-0.30		
ULP4ZE	52.9	0.97	0.34	52.1	0.73	0.67	13.0	-0.90	2.22	31.7	0.75	0.69	39.7	0.27	0.86	



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>VB6CQV</b>	<b>32.6</b>	-1.59	0.00	<b>40.7</b>	-0.91	0.00	<b>9.0</b>	-1.96	0.00	<b>17.0</b>	-2.71X	0.00	<b>29.0</b>	-1.36	0.00	
<b>Y72BLH</b>	<b>54.0</b>	1.11		<b>50.0</b>	0.42		<b>23.0</b>	1.77	0.85	<b>34.3</b>	1.38	0.32	<b>44.0</b>	0.93		
<b>YC4RPW</b>	<b>29.0</b>	-2.04		<b>34.0</b>	-1.87		<b>9.0</b>	-1.97		<b>22.0</b>	-1.54		<b>25.0</b>	-1.98		
<b>YNW8EX</b>	<b>48.5</b>	0.42	0.37	<b>44.6</b>	-0.35	0.00	<b>14.2</b>	-0.58	0.59	<b>26.3</b>	-0.52	0.38	<b>34.6</b>	-0.51	0.00	
Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	45.2			47.1			16.4			28.5			37.9			
<b>Median Abs Dev</b>	3.9			3.3			1.8			3.1			3.3			
<b>Avg Within Lab SD</b>	2.1			2.0			1.2			1.8			1.5			
<b>Labs Included</b>	29			29			29			27			29			
<b>Labs Reporting</b>	29			29			30			29			29			



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
2397W4	18.3	1.34	1.41	39.0	1.91		16.3	1.16	1.58	29.0	1.66		29.0	1.28		
27PVW7	12.7	0.21	0.00	30.4	0.32	3.05	13.0	0.51		23.6	0.47	1.96	22.0	0.25	1.51	
2KQ632	12.3	0.13	1.41	34.3	1.04	0.87	12.3	0.38	1.58	23.7	0.50	1.51	25.0	0.70		
2QV4DQ	9.0	-0.54		11.0	-3.27X		7.0	-0.67		19.0	-0.53		9.0	-1.65		
4TFRQ3							16.2	1.12	0.75							
63XXV6	12.7	0.21	0.00	28.8	0.02	0.00	13.0	0.51		23.6	0.49	1.89	20.2	0.00	1.57	
83RZZZ	11.2	-0.10	1.04	28.2	-0.10	0.12	9.2	-0.24	0.21	22.7	0.28	0.46	19.7	-0.08	0.37	
9N78QJ	17.1	1.10	0.62	37.0	1.54	0.66	18.3	1.55	0.42	31.0	2.10	1.14	28.1	1.15	1.54	
ACAKXT	5.8	-1.17	0.88	23.3	-0.99	0.55	6.7	-0.73	0.99	17.1	-0.94	0.94	14.6	-0.83	0.75	
AN6UJG	12.0	0.07	1.22	29.3	0.12	0.44	10.7	0.05	0.79	22.7	0.28	0.75	20.7	0.06	0.60	
APVVKY	13.8	0.43	0.14	35.0	1.17	0.68	13.9	0.67	0.39	26.2	1.06	0.72	25.9	0.83	1.22	
BU83NN	15.2	0.71	0.00	35.4	1.23	0.00	21.5	2.16	0.00	27.5	1.33	0.00	25.5	0.77	0.00	
CDTEMT	8.9	-0.56	0.00	25.7	-0.56	0.44	8.3	-0.41	1.42	19.0	-0.53		18.7	-0.23	0.60	
FQ9BLT	11.7	0.00	0.71	28.7	0.00	0.87	12.0	0.31		20.0	-0.31		18.0	-0.33		
FZDHzT	8.3	-0.67	0.02	20.1	-1.58	1.08	9.4	-0.19	0.20	20.2	-0.26	0.38	13.7	-0.95	0.22	
GCPCQC	14.8	0.64	0.35	33.5	0.89	0.66	13.8	0.67	1.04	24.8	0.75	0.38	24.8	0.67	0.30	
JVAT7P	8.3	-0.67	0.79	24.2	-0.83	0.77	10.0	-0.09	0.68	19.9	-0.33	0.59	14.9	-0.78	0.29	
K9F4CC	10.2	-0.30		30.2	0.27		10.2	-0.05		24.2	0.60		12.2	-1.17		
KXWRYE	7.0	-0.94		25.0	-0.68		7.0	-0.67		19.0	-0.53		7.0	-1.94		
NQK6CE	20.1	1.69	3.62	30.3	0.30	0.60	9.6	-0.15	0.55	14.0	-1.63	1.32	26.3	0.88	1.20	
NW8PLL	13.1	0.28	0.53	27.0	-0.31	2.02	12.9	0.49	0.94	20.8	-0.14	0.24	20.3	0.02	1.10	
Q3N624	4.8	-1.38	0.00	26.1	-0.47	0.87	8.8	-0.32	0.00	20.8	-0.13	0.00	17.5	-0.41	1.20	
RJMjY9	10.4	-0.25	0.49	27.6	-0.20	0.40	9.5	-0.17	1.50	20.7	-0.15	0.35	19.1	-0.17	1.33	
TBE3AN	7.5	-0.84		24.2	-0.84	1.09	10.0	-0.08		20.0	-0.31		17.1	-0.46	0.75	
TW8LU7	4.5	-1.44	0.61	25.0	-0.68	0.76	5.5	-0.96	0.68	18.0	-0.74		16.0	-0.62	2.09	
ULP4ZE	16.5	0.98	0.07	34.3	1.04	1.14	18.5	1.59	2.05	27.9	1.42	1.70	25.1	0.71	0.00	



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups															Data units: Percent		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110				
	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		
<b>VB6CQV</b>	<b>12.7</b>	0.21	0.00	<b>28.7</b>	0.00	0.00	<b>20.7</b>	2.01	0.00	<b>24.7</b>	0.73	0.00	<b>28.7</b>	1.24	0.00		
<b>Y72BLH</b>	<b>8.0</b>	-0.74		<b>26.0</b>	-0.50		<b>5.0</b>	-1.06	1.37	<b>19.7</b>	-0.38	0.75	<b>16.0</b>	-0.62			
<b>YC4RPW</b>	<b>18.0</b>	1.27		<b>35.0</b>	1.17		<b>15.0</b>	0.90		<b>26.0</b>	1.01		<b>25.0</b>	0.70			
<b>YNW8EX</b>	<b>8.1</b>	-0.72	0.00	<b>28.1</b>	-0.11	0.00	<b>8.5</b>	-0.37	0.95	<b>21.4</b>	0.00	0.91	<b>20.6</b>	0.05	0.00		
Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups															Data units: Percent		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110				
<b>Grand Median</b>	11.7			28.7			10.4			21.4			20.2				
<b>Median Abs Dev</b>	3.3			3.4			2.6			2.4			4.8				
<b>Avg Within Lab SD</b>	0.8			1.3			0.7			0.8			1.0				
<b>Labs Included</b>	29			28			30			29			29				
<b>Labs Reporting</b>	29			29			30			29			29				



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Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups													Data units: %					
SRS2106				SRS2107				SRS2108				SRS2109				SRS2110		
WebCode	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			
<b>JVAT7P</b>	<b>17.8</b>		1.00	<b>32.3</b>		1.00	<b>17.4</b>		1.00	<b>23.7</b>		1.00	<b>24.4</b>		1.00			

Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups						Data units: %			
SRS2106		SRS2107		SRS2108		SRS2109		SRS2110	
<b>Grand Median</b>	17.8	32.3	17.4	23.7	24.4				
<b>Median Abs Dev</b>									
<b>Avg Within Lab SD</b>	0.0	0.4	0.1	0.3	0.4				
<b>Labs Included</b>	1	1	1	1	1				
<b>Labs Reporting</b>	1	1	1	1	1				



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Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %		
														SRS2110		
SRS2106				SRS2107				SRS2108				SRS2109				
WebCode	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	
<b>JVAT7P</b>	<b>5.9</b>		1.36	<b>15.9</b>		1.36	<b>8.7</b>		1.00	<b>12.5</b>		1.33	<b>11.0</b>		1.04	
<b>L4XLAK</b>	<b>2.1</b>		0.40	<b>4.8</b>		0.39	<b>2.1</b>		1.00	<b>3.3</b>		0.49	<b>2.9</b>		0.95	
Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %		
														SRS2110		
SRS2106				SRS2107				SRS2108				SRS2109				
<b>Grand Median</b>	4.01			10.3			5.41			7.90			6.94			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.25			0.4			0.10			0.20			0.16			
<b>Labs Included</b>	2			2			2			2			2			
<b>Labs Reporting</b>	2			2			2			2			2			



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Available Water Content (SubTestCode 194) in the Moisture Property Groups														Data units: %		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>JVAT7P</b>	<b>11.9</b>		1.41	<b>16.4</b>		1.41	<b>8.7</b>		1.31	<b>11.1</b>		1.41	<b>13.3</b>		1.39	
<b>KHJELM</b>	<b>1.5</b>		0.00	<b>4.0</b>		0.13	<b>3.3</b>		0.53	<b>0.7</b>		0.15	<b>5.1</b>		0.24	
Available Water Content (SubTestCode 194) in the Moisture Property Groups														Data units: %		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	6.73			10.2			5.96			5.94			9.23			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	0.21			0.1			0.03			0.08			0.17			
<b>Labs Included</b>	2			2			2			2			2			
<b>Labs Reporting</b>	2			2			2			2			2			





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Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
WebCode	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
<b>6MJMA4</b>	<b>801.3</b>		1.65	<b>515.7</b>		1.69	<b>473.0</b>		0.67	<b>274.0</b>		0.72	<b>855.7</b>		1.04
<b>99RYT2</b>	<b>657.7</b>		0.53	<b>503.7</b>		0.11	<b>449.4</b>		0.91	<b>174.5</b>		1.37	<b>754.9</b>		0.90
<b>ULP4ZE</b>	<b>832.7</b>		0.00	<b>544.6</b>		0.35	<b>483.9</b>		1.31	<b>318.5</b>		0.78	<b>879.7</b>		1.05
Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110		
<b>Grand Median</b>	801.3			515.7			473.0			274.0			855.7		
<b>Median Abs Dev</b>															
<b>Avg Within Lab SD</b>	20.9			20.6			10.8			11.8			4.8		
<b>Labs Included</b>	3			3			3			3			3		
<b>Labs Reporting</b>	3			3			3			3			3		



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Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups														Data units: mg/kg				
SRS2106				SRS2107				SRS2108				SRS2109				SRS2110		
WebCode	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			
<b>KXWRYE</b>	<b>90.2</b>			<b>15.4</b>			<b>7.5</b>			<b>12.2</b>			<b>10.7</b>					
Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups														Data units: mg/kg				
SRS2106				SRS2107				SRS2108				SRS2109				SRS2110		
<b>Grand Median</b>	90.2			15.4			7.47			12.2			10.7					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.0			0.0			0.00			0.0			0.0					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					



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DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
WebCode	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
	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	
<b>PJGFB2</b>	<b>21.0</b>		1.05	<b>14.8</b>		0.40	<b>17.2</b>		0.37	<b>6.9</b>		0.40	<b>19.1</b>		0.76	
<b>XRZLKB</b>	<b>27.0</b>		1.31	<b>17.3</b>		1.51	<b>22.7</b>		1.36	<b>7.0</b>		1.36	<b>26.7</b>		1.10	
<b>Y72BLH</b>	<b>19.7</b>		0.44	<b>13.7</b>		0.75	<b>19.0</b>			<b>4.0</b>			<b>20.7</b>		1.10	
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
	SRS2106			SRS2107			SRS2108			SRS2109			SRS2110			
<b>Grand Median</b>	21.0			14.8			19.0			6.93			20.7			
<b>Median Abs Dev</b>																
<b>Avg Within Lab SD</b>	1.3			0.8			1.1			1.28			0.5			
<b>Labs Included</b>	3			3			3			3			3			
<b>Labs Reporting</b>	3			3			3			3			3			



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DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS2106				SRS2107				SRS2108				SRS2109				SRS2110		
WebCode	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			
<b>Y72BLH</b>	<b>1.00</b>			<b>1.00</b>			<b>1.00</b>			<b>3.00</b>			<b>7.00</b>					
DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS2106				SRS2107				SRS2108				SRS2109				SRS2110		
<b>Grand Median</b>	1.00			1.00			1.00			3.00			7.00					
<b>Median Abs Dev</b>																		
<b>Avg Within Lab SD</b>	0.00			0.00			0.00			0.00			0.00					
<b>Labs Included</b>	1			1			1			1			1					
<b>Labs Reporting</b>	1			1			1			1			1					





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Dry Matter (%) (SubTestCode 201)													Data units: Percent		
WebCode	SRB2105			SRB2106			SRB2107			SRB2108					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
28L7UU	92.7	-0.01	0.62	93.1	-0.05	0.46	93.1	-0.29	0.74	93.5	-0.33	0.28			
44AAZ2	95.0	1.12	0.79	94.7	0.72	0.78	95.1	0.78	0.76	95.7	0.90	1.28			
6AGXFN	92.0	-0.37	2.37	92.5	-0.30	1.84	92.7	-0.53	2.37	92.8	-0.70	1.20			
6NDCDW	92.6	-0.04		94.4	0.56		93.9	0.12		94.6	0.29				
83RZZZ	93.2	0.23	2.06	93.2	0.00	1.39	94.0	0.20	1.53	94.2	0.07	0.52			
AN6UJG	90.4	-1.18		90.4	-1.28		91.5	-1.15		91.9	-1.17				
AQR98R	95.0	1.14		96.2	1.41	0.00	95.5	1.01		96.4	1.27	0.00			
CAU3RT	92.7	0.00	0.30	93.2	0.00	0.83	93.1	-0.28	0.78	94.1	0.00	0.15			
FBTF2Q	91.7	-0.51	0.86	92.1	-0.50	0.90	91.5	-1.14	0.10	93.0	-0.59	0.21			
FQ9BLT	96.4	1.85	1.04	97.9	2.22	0.78	96.7	1.66	1.21	97.0	1.61	3.33			
GCPCQC	91.8	-0.46	0.56	92.3	-0.42	1.81	92.3	-0.71	1.27	92.7	-0.76	0.56			
K9F4CC	89.7	-1.53	0.34	91.4	-0.80	1.14	90.7	-1.59	0.33	92.6	-0.80	0.28			
TBE3AN	93.9	0.56	0.03	94.8	0.77	0.14	94.1	0.24	0.18	94.5	0.24	0.09			
ULP4ZE	91.9	-0.43	0.58	92.1	-0.50	0.29	92.7	-0.49	0.13	92.7	-0.75	0.04			
WV4ZVV	94.1	0.69	0.00	94.5	0.62		94.5	0.47		94.9	0.45	0.00			
Y72BLH	93.2	0.22	0.00	93.3	0.04		93.6	0.00	0.00	93.4	-0.35	0.00			
ZFKDXA	95.0	1.11	0.70	95.9	1.27	0.22	95.1	0.81	0.16	96.2	1.18	0.15			

  

Dry Matter (%) (SubTestCode 201)					Data units: Percent	
	SRB2105		SRB2106		SRB2107	SRB2108
Grand Median	92.7		93.2		93.6	94.1
Median Abs Dev	1.0		1.2		1.0	1.3
Avg Within Lab SD	0.2		0.3		0.2	0.4
Labs Included	17		17		17	17
Labs Reporting	17		17		17	17



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NO3 - N Cd Rd. (SubTestCode 202)												Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
28L7UU	1,321.1	0.60	0.23	708.3	0.69	0.31	12,184.6	2.00	0.89	49.1	0.01	0.30	
2NQD9W	1,443.3	1.64	0.61	926.7	3.86X	2.99	10,581.5	0.97	1.80	549.7	5.97	2.19	
477JED	1,252.0	0.01	1.61	668.7	0.11	1.25	9,477.7	0.26	0.62	30.3	-0.21	1.67	
6MJMA4	1,157.7	-0.79	0.77	618.0	-0.62	0.51	8,534.7	-0.35	0.70	37.0	-0.13	0.64	
89YQ6Q	1,096.7	-1.31	0.96	568.7	-1.34	1.66	6,511.0	-1.65	1.00	36.0	-0.15	0.14	
AN6UJG	1,338.3	0.74	0.15	1,276.7	8.95X	1.13	2,468.7	-4.24X	0.03	1,941.0	22.53X	3.47	
CAU3RT	1,301.2	0.43	0.04	683.0	0.32	1.36	9,998.0	0.59	0.27	38.6	-0.12	0.26	
CDTEMT	1,290.0	0.33	0.93	684.0	0.34	0.17	8,283.3	-0.51	0.81	122.3	0.88	1.12	
CL8ZYH	1,321.7	0.60	0.54	720.0	0.86	0.86	9,206.3	0.08	0.42	153.3	1.25	1.05	
FQ9BLT	1,217.2	-0.28	1.13	645.1	-0.23	0.16	7,172.9	-1.22	0.84	2,122.3	24.69X	476.84	
GCPCQC	1,173.3	-0.66	1.89	622.3	-0.56	2.39	7,862.0	-0.78	1.44	2.7	-0.54	0.08	
PJGFB2	1,316.3	0.56	0.79	690.3	0.43	0.13	9,552.3	0.31	0.56	45.0	-0.04	0.92	
Q3N624	1,226.7	-0.20	0.84	629.7	-0.45	1.24	9,370.0	0.19	1.56	48.2	0.00	1.15	
RHVNCZ	1,057.3	-1.64	1.01	597.0	-0.93	1.08	8,067.0	-0.65	1.52	57.0	0.10	1.24	
TBE3AN	1,249.2	-0.01	0.67	652.9	-0.11	0.10	9,077.0	0.00	0.62	81.4	0.39	0.84	
TW8LU7	1,171.9	-0.67	2.09	741.1	1.17	0.22	8,871.8	-0.13	1.36	9,444.9	111.85X	50.96	
WLEA94	1,342.3	0.78	0.13	763.3	1.49	0.35	11,605.0	1.62	0.10	61.0	0.15	0.18	
YNW8EX	1,146.7	-0.88	0.51	582.0	-1.14	0.26	8,820.0	-0.17	0.34	34.3	-0.17	0.21	

NO3 - N Cd Rd. (SubTestCode 202)												Data units: mg/kg	
	SRB2105			SRB2106			SRB2107			SRB2108			
Grand Median	1,250.6			660.8			9,077.0			48.2			
Median Abs Dev	74.2			40.6			793.7			12.8			
Avg Within Lab SD	49.4			23.6			355.4			7.2			
Labs Included	18			16			17			15			
Labs Reporting	18			18			18			18			



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NO3 - N ISE (SubTestCode 203)											Data units: mg/kg
WebCode	SRB2105			SRB2106			SRB2107			SRB2108	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>6AGXFN</b>	<b>1,694.3</b>		0.34	<b>1,437.6</b>		0.72	<b>10,533.1</b>		0.19	<b>476.4</b>	0.13
<b>9N78QJ</b>	<b>1,640.0</b>		0.43	<b>953.3</b>		1.27	<b>9,603.3</b>		1.51	<b>390.0</b>	1.08
<b>DVP2UH</b>	<b>1,379.3</b>		1.64	<b>753.0</b>		0.93	<b>10,809.7</b>		1.29	<b>254.3</b>	1.35
<b>J78RVB</b>	<b>0.3</b>	<b>X</b>	0.00	<b>0.2</b>	<b>X</b>	0.00	<b>0.9</b>	<b>X</b>	0.00	<b>0.1</b>	<b>X</b> 0.00
<b>Y72BLH</b>	<b>1,375.0</b>			<b>960.0</b>			<b>8,658.3</b>		0.06	<b>480.0</b>	

NO3 - N ISE (SubTestCode 203)											Data units: mg/kg
	SRB2105			SRB2106			SRB2107			SRB2108	
<b>Grand Median</b>	1,509.7			956.7			10,068.2			433.2	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	46.5			16.3			232.3			24.6	
<b>Labs Included</b>	4			4			4			4	
<b>Labs Reporting</b>	5			5			5			5	





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NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>6CNH24</b>	<b>1,437.3</b>		0.50	<b>763.3</b>		1.01	<b>10,870.7</b>		0.53		
<b>6NDCDW</b>	<b>1,549.9</b>		0.79	<b>805.7</b>		0.08	<b>10,000.4</b>		0.81	<b>134.2</b>	0.04
<b>ULP4ZE</b>	<b>1,820.0</b>		1.73	<b>1,170.0</b>		1.59	<b>9,183.3</b>		1.60	<b>620.0</b>	1.41
<b>WV4ZVV</b>	<b>812.0</b>		0.37	<b>527.7</b>		0.65	<b>7,661.7</b>		0.71		
NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg	
	SRB2105			SRB2106			SRB2107			SRB2108	
<b>Grand Median</b>	1,493.6			784.5			9,591.9			377.1	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	40.8			21.7			220.1			70.6	
<b>Labs Included</b>	4			4			4			2	
<b>Labs Reporting</b>	4			4			4			2	



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NH4-N (SubTestCode 205)										Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>6CNH24</b>	<b>544.0</b>		1.59	<b>562.7</b>		1.60	<b>463.7</b>		0.33	<b>636.7</b>	1.59
<b>AN6UJG</b>	<b>101.0</b>		0.66	<b>118.0</b>		0.17	<b>180.3</b>		0.87	<b>178.7</b>	0.68
<b>CAU3RT</b>	<b>199.1</b>		0.18	<b>962.1</b>		0.65	<b>245.2</b>		1.46	<b>287.0</b>	0.05
NH4-N (SubTestCode 205)										Data units: mg/kg	
	SRB2105			SRB2106			SRB2107			SRB2108	
<b>Grand Median</b>	199.1			562.7			245.2			287.0	
<b>Median Abs Dev</b>											
<b>Avg Within Lab SD</b>	9.2			70.2			1.8			20.9	
<b>Labs Included</b>	3			3			3			3	
<b>Labs Reporting</b>	3			3			3			3	



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PO4 - P (SubTestCode 206)													Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>2NQD9W</b>	<b>1,780.0</b>	2.26	2.74	<b>1,537.1</b>	2.40	3.12	<b>2,513.3</b>	1.64	2.61	<b>2,141.9</b>	2.21	0.73		
<b>477JED</b>	<b>1,452.3</b>	-0.11	1.14	<b>1,293.3</b>	0.36	0.81	<b>2,247.7</b>	0.01	0.26	<b>1,812.3</b>	0.01	0.08		
<b>6MJMA4</b>	<b>1,444.3</b>	-0.17	0.60	<b>1,232.3</b>	-0.15	0.31	<b>2,278.0</b>	0.19	1.77	<b>1,797.3</b>	-0.09	0.04		
<b>9N78QJ</b>	<b>1,273.3</b>	-1.41	0.48	<b>1,153.3</b>	-0.81	0.36	<b>2,060.0</b>	-1.15	0.82	<b>1,606.7</b>	-1.36	0.09		
<b>AN6UJG</b>	<b>1,703.7</b>	1.71	0.67	<b>1,276.7</b>	0.22	0.47	<b>2,468.7</b>	1.37	0.08	<b>1,941.0</b>	0.87	0.07		
<b>CL8ZYH</b>	<b>1,593.7</b>	0.91	0.74	<b>1,217.0</b>	-0.28	0.60	<b>2,245.0</b>	-0.01	0.57	<b>1,904.3</b>	0.63	0.13		
<b>FQ9BLT</b>	<b>1,525.4</b>	0.42	0.05	<b>1,363.0</b>	0.94	0.39	<b>2,362.1</b>	0.71	0.32	<b>1,868.6</b>	0.39	3.37		
<b>PJGFB2</b>	<b>3,181.3</b>	12.39X	0.46	<b>1,902.3</b>	5.45X	0.89	<b>3,159.0</b>	5.62X	0.46	<b>2,521.0</b>	4.73X	0.11		
<b>Q3N624</b>	<b>1,466.7</b>	-0.01	0.18	<b>1,236.7</b>	-0.12	0.44	<b>2,206.7</b>	-0.24	0.56	<b>1,786.7</b>	-0.16	0.07		
<b>RHVNCZ</b>	<b>1,468.7</b>	0.01	0.45	<b>1,292.7</b>	0.35	0.30	<b>2,293.0</b>	0.29	0.47	<b>1,848.0</b>	0.25	0.13		
<b>TW8LU7</b>	<b>1,439.1</b>	-0.21	1.14	<b>1,264.6</b>	0.12	0.37	<b>2,228.9</b>	-0.11	0.59	<b>1,808.3</b>	-0.01	0.13		
<b>Y72BLH</b>	<b>1,490.0</b>	0.16	0.16	<b>1,058.3</b>	-1.61	0.13	<b>2,076.7</b>	-1.04	0.10	<b>1,621.7</b>	-1.26	0.04		
<b>YNW8EX</b>	<b>1,366.3</b>	-0.73	0.25	<b>1,162.7</b>	-0.74	0.45	<b>2,030.0</b>	-1.33	0.15	<b>1,679.7</b>	-0.87	0.18		

  

PO4 - P (SubTestCode 206)					Data units: mg/kg	
	SRB2105	SRB2106	SRB2107	SRB2108		
<b>Grand Median</b>	1,467.7	1,250.7	2,246.3	1,810.3		
<b>Median Abs Dev</b>	43.2	42.3	81.2	76.2		
<b>Avg Within Lab SD</b>	63.5	57.1	117.9	346.8		
<b>Labs Included</b>	12	12	12	12		
<b>Labs Reporting</b>	13	13	13	13		



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SO4 - S (SubTestCode 207)										Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>6AGXFN</b>	<b>1,056.2</b>		0.12	<b>819.8</b>		0.10	<b>1,427.2</b>		0.67	<b>1,176.0</b>	0.02
<b>AN6UJG</b>	<b>4,731.0</b>		1.97	<b>1,804.7</b>		1.74	<b>1,567.7</b>		1.26	<b>537.0</b>	0.03
<b>FQ9BLT</b>	<b>4,790.8</b>		0.25	<b>1,761.4</b>		0.82	<b>1,568.7</b>		0.98	<b>1,054.5</b>	2.00
<b>Y72BLH</b>	<b>4,216.7</b>		0.24	<b>1,448.3</b>		0.55	<b>1,260.0</b>			<b>346.7</b>	0.02

SO4 - S (SubTestCode 207)										Data units: mg/kg
	SRB2105			SRB2106			SRB2107			SRB2108
<b>Grand Median</b>	4,473.8			1,604.9			1,497.4			795.8
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>	86.9			31.7			12.3			322.0
<b>Labs Included</b>	4			4			4			4
<b>Labs Reporting</b>	4			4			4			4



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CI (SubTestCode 208)													Data units: Percent
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
477JED	0.95	-0.50	0.34	1.11	0.00	1.42	1.53	-0.25	1.17	0.35	-0.49	0.22	
6CNH24	0.17	-7.39X	1.59	0.18	-9.56X	1.37	0.29	-9.24X	1.40	0.12	-4.48X	0.21	
6NDCDW	1.03	0.27	0.34	1.17	0.63	0.60	1.72	1.10	0.45	0.37	0.00	0.07	
9N78QJ	1.02	0.18	1.31	1.06	-0.51	1.86	1.57	0.01	1.74	0.32	-0.90	0.96	
AN6UJG	1.16	1.40	0.16	1.40	2.92	0.23	1.89	2.35	1.03	0.46	1.43	0.22	
CAU3RT	1.01	0.03	0.16	1.17	0.58	0.49	1.60	0.23	0.19	0.35	-0.36	0.02	
CL8ZYH	0.92	-0.77	0.19	1.10	-0.17	0.62	1.51	-0.45	0.38	0.34	-0.67	0.22	
FQ9BLT	0.91	-0.86	0.19	1.11	-0.01	0.91	1.51	-0.41	0.70	0.75	6.56X	21.36	
FZCVGU	1.01	0.09	0.84	1.13	0.21	0.41	1.61	0.33	1.46	0.38	0.10	0.02	
GCPCQC	1.19	1.64	3.70	1.21	0.96	0.62	1.65	0.61	0.52	0.39	0.21	0.22	
KXWRYE	0.95	-0.47	0.43	1.09	-0.24	0.70	1.54	-0.20	1.74	0.42	0.79	3.97	
LURJ89	0.95	-0.46	0.05	1.11	0.00	0.13	1.53	-0.25	0.32	0.35	-0.50	0.08	
Q3N624	1.00	-0.03		1.07	-0.48	2.33	1.57	-0.01	1.43	0.40	0.44	0.00	
RHVNCZ	1.17	1.49	0.16	1.24	1.34	1.53	1.77	1.43	1.03	0.34	-0.61	0.00	
ULP4ZE	0.99	-0.09	0.25	1.03	-0.85	0.81	1.40	-1.22	0.90	0.34	-0.67	0.22	
WLEA94	1.18	1.61	0.09	1.13	0.17	0.06	1.74	1.23	0.37	0.43	0.93	0.02	
WV4ZVV	0.95	-0.44	0.49	1.11	-0.03	1.07	1.57	-0.01	1.43	0.38	0.09	0.00	
Y72BLH	1.08	0.72	0.16	1.34	2.35	0.00	1.73	1.13	0.04	0.52	2.56	0.00	
YNW8EX	0.88	-1.10	0.16	1.05	-0.68	0.23	1.44	-0.93	0.00	0.33	-0.73	0.22	

CI (SubTestCode 208)					Data units: Percent
	SRB2105	SRB2106	SRB2107	SRB2108	
Grand Median	1.00	1.11	1.57	0.37	
Median Abs Dev	0.05	0.05	0.06	0.03	
Avg Within Lab SD	0.06	0.02	0.04	0.03	
Labs Included	18	18	18	17	
Labs Reporting	19	19	19	19	



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TKN (SubTestCode 209)													Data units: Percent
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>32BAR7</b>	<b>4.30</b>	-0.16	0.00	<b>2.53</b>	-0.29	0.91	<b>2.37</b>	-0.76	0.56	<b>2.60</b>	-0.79	0.00	
<b>83RZZZ</b>	<b>4.99</b>	1.41	1.95	<b>2.33</b>	-1.02	2.62	<b>2.59</b>	-0.25	1.99	<b>2.67</b>	-0.30	2.60	
<b>8NB6K4</b>	<b>4.26</b>	-0.25	0.08	<b>2.56</b>	-0.18	0.20	<b>2.57</b>	-0.30	0.11	<b>2.64</b>	-0.51	0.01	
<b>99RYT2</b>	<b>3.61</b>	-1.72	1.64	<b>2.13</b>	-1.74	0.20	<b>2.17</b>	-1.21	1.75	<b>2.10</b>	-4.51X	1.58	
<b>CAU3RT</b>	<b>4.80</b>	0.96	0.29	<b>2.86</b>	0.88	0.59	<b>3.16</b>	1.04	0.11	<b>2.86</b>	1.14	0.14	
<b>CDTEMT</b>	<b>4.37</b>	0.00	0.17	<b>2.61</b>	0.00	0.71	<b>2.70</b>	0.00	0.39	<b>2.66</b>	-0.32	0.41	
<b>FBTF2Q</b>	<b>4.68</b>	0.70	0.36	<b>2.85</b>	0.84	0.33	<b>3.14</b>	0.98	0.31	<b>2.87</b>	1.21	0.13	
<b>Q3N624</b>	<b>4.25</b>	-0.27	1.12	<b>2.75</b>	0.50	0.40	<b>2.83</b>	0.29	0.76	<b>2.75</b>	0.30	0.54	
<b>Y72BLH</b>	<b>4.64</b>	0.60	1.00	<b>2.79</b>	0.63	0.35	<b>3.26</b>	1.26	0.91	<b>2.82</b>	0.82	0.85	

  

TKN (SubTestCode 209)					Data units: Percent
	SRB2105	SRB2106	SRB2107	SRB2108	
<b>Grand Median</b>	4.37	2.61	2.70	2.71	
<b>Median Abs Dev</b>	0.27	0.18	0.34	0.09	
<b>Avg Within Lab SD</b>	0.12	0.06	0.10	0.08	
<b>Labs Included</b>	9	9	9	8	
<b>Labs Reporting</b>	9	9	9	9	



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N- Dry Comb. (SubTestCode 210)													Data units: Percent
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
28L7UU	4.49	-0.46	0.08	2.61	-1.09	0.16	3.33	-0.76	0.24	2.62	-1.42	0.03	
2NQD9W	4.60	0.05	0.63	2.75	-0.04	0.66	3.43	0.10	0.59	2.78	-0.09	0.09	
44AAZ2	4.81	1.08	1.90	2.80	0.36	0.64	3.43	0.07	0.70	2.79	0.06	1.00	
4PETB4	4.64	0.25	0.81	2.82	0.51	0.28	3.40	-0.15	1.76	2.79	0.00	1.00	
6AGXFN	4.83	1.18	0.07	2.85	0.74	0.44	3.56	1.11	2.28	2.85	0.55	0.33	
6CNH24	4.59	0.02	0.53	2.67	-0.60	0.11	3.40	-0.20	0.45	2.73	-0.52	0.50	
6MJMA4	4.54	-0.20	0.31	2.76	0.04	0.18	3.39	-0.23	0.41	2.80	0.09	0.50	
6NDCDW	4.82	1.14	0.36	2.79	0.29	0.03	3.50	0.65	0.46	2.83	0.37	0.14	
89YQ6Q	4.42	-0.82	4.12	2.55	-1.54	4.49	2.67	-6.02X	4.39	2.86	0.61	1.00	
9D8CTN	4.57	-0.06	0.46	2.73	-0.16	0.74	3.42	-0.01	0.68	2.75	-0.29	0.19	
9N78QJ	4.58	-0.02	1.00	2.78	0.21	0.70	3.42	-0.04	1.14	2.77	-0.14	1.64	
AN6UJG	4.34	-1.19	0.40	2.65	-0.80	0.28	2.75	-5.38X	0.49	2.70	-0.75	0.87	
APVVKY	4.55	-0.18	0.46	2.69	-0.52	1.33	3.42	0.01	0.74	2.69	-0.85	2.07	
CAU3RT	4.94	1.72	0.43	2.93	1.28	0.59	3.66	1.88	0.50	2.92	1.15	0.58	
DVP2UH	4.34	-1.18	1.14	2.65	-0.80	0.91	3.37	-0.39	0.30	2.68	-0.92	1.18	
EGQGRK	4.53	-0.26	1.69	2.70	-0.44	1.69	3.30	-1.00	2.74	2.73	-0.53	2.43	
FQ9BLT	4.82	1.14	0.20	2.92	1.25	0.59	3.58	1.23	0.30	2.49	-2.54X	7.88	
FZCVGU	4.61	0.10	0.71	2.74	-0.09	0.16	3.41	-0.06	0.19	2.72	-0.61	0.47	
GCPCQC	4.93	1.66	0.61	2.93	1.29	0.45	3.67	1.96	0.20	2.92	1.19	0.78	
HADU7L	4.36	-1.08	0.50	2.49	-1.94	0.46	3.18	-1.90	0.23	2.48	-2.62X	0.19	
HMYA9K	4.60	0.09	1.10	2.93	1.30	0.97	3.52	0.78	1.28	2.90	0.98	2.63	
J78RVB	4.46	-0.63	0.50	2.66	-0.68	0.46	3.40	-0.17	2.03	2.66	-1.12	1.00	
K9F4CC	4.84	1.26	0.33	2.87	0.85	0.81	3.62	1.58	0.75	2.87	0.69	1.59	
KXWRYE	4.89	1.47	2.10	2.98	1.67	1.02	3.38	-0.31	1.77	3.03	2.08	0.68	
LURJ89	4.57	-0.06	0.23	2.74	-0.08	0.38	3.41	-0.09	1.09	2.79	0.06	0.38	
RHVNCZ	4.50	-0.40	0.12	2.77	0.11	0.18	3.35	-0.57	0.59	2.67	-1.01	0.33	



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N- Dry Comb. (SubTestCode 210)													Data units: Percent	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>TBE3AN</b>	<b>4.93</b>	1.66	0.33	<b>2.93</b>	1.31	0.37	<b>3.66</b>	1.90	0.31	<b>2.90</b>	0.94	0.50		
<b>TW8LU7</b>	<b>4.40</b>	-0.92	0.12	<b>2.70</b>	-0.38	2.33	<b>3.33</b>	-0.73	1.19	<b>2.69</b>	-0.84	0.57		
<b>UB6TN2</b>	<b>4.67</b>	0.43	0.31	<b>2.85</b>	0.73	0.28	<b>3.60</b>	1.42	0.39	<b>2.87</b>	0.75	0.50		
<b>UFZLL3</b>	<b>4.38</b>	-0.98	0.08	<b>2.59</b>	-1.20	0.19	<b>3.28</b>	-1.15	0.34	<b>2.63</b>	-1.34	0.89		
<b>ULP4ZE</b>	<b>4.71</b>	0.63	0.46	<b>2.84</b>	0.61	0.11	<b>3.52</b>	0.78	0.00	<b>2.86</b>	0.63	0.66		
<b>W2V8D6</b>	<b>4.57</b>	-0.07	0.20	<b>2.71</b>	-0.31	0.21	<b>3.42</b>	0.01	0.63	<b>2.72</b>	-0.55	0.83		
<b>W9FZUB</b>	<b>4.77</b>	0.90	1.35	<b>2.77</b>	0.08	0.10	<b>3.49</b>	0.51	1.48	<b>2.79</b>	0.02	0.86		
<b>WLEA94</b>	<b>4.57</b>	-0.09	0.42	<b>2.74</b>	-0.08	0.21	<b>3.39</b>	-0.25	0.20	<b>2.79</b>	0.00	0.50		
<b>WV4ZVV</b>	<b>4.52</b>	-0.32	0.00	<b>2.71</b>	-0.31	0.11	<b>3.39</b>	-0.25	0.39	<b>2.72</b>	-0.58	0.33		
<b>Y72BLH</b>	<b>4.65</b>	0.30	0.02	<b>2.81</b>	0.40	0.10	<b>3.49</b>	0.57	0.39	<b>2.83</b>	0.40	0.41		
<b>YNW8EX</b>	<b>4.56</b>	-0.11	0.12	<b>2.72</b>	-0.23	0.11	<b>3.44</b>	0.12	0.11	<b>2.74</b>	-0.43	0.50		
<b>ZFKDXA</b>	<b>4.90</b>	1.53	0.53	<b>2.93</b>	1.30	0.32	<b>3.59</b>	1.32	0.45	<b>2.99</b>	1.73	0.83		

N- Dry Comb. (SubTestCode 210)					Data units: Percent	
	SRB2105	SRB2106	SRB2107	SRB2108		
<b>Grand Median</b>	4.59	2.75	3.42	2.79		
<b>Median Abs Dev</b>	0.11	0.08	0.07	0.07		
<b>Avg Within Lab SD</b>	0.05	0.05	0.05	0.03		
<b>Labs Included</b>	38	38	36	36		
<b>Labs Reporting</b>	38	38	38	38		





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<b>S- Dry Comb. (SubTestCode 211)</b>										<b>Data units: Percent</b>	
SRB2105			SRB2106			SRB2107			SRB2108		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>28L7UU</b>	<b>0.75</b>		0.71	<b>0.25</b>		1.41	<b>0.26</b>		1.21	<b>0.21</b>	1.41
<b>YNW8EX</b>	<b>0.78</b>		1.23	<b>0.31</b>		0.00	<b>0.29</b>		0.73	<b>0.18</b>	0.00
<b>S- Dry Comb. (SubTestCode 211)</b>										<b>Data units: Percent</b>	
SRB2105			SRB2106			SRB2107			SRB2108		
<b>Grand Median</b>	0.77		0.28			0.27			0.20		
<b>Median Abs Dev</b>	0.01		0.01			0.01			0.00		
<b>Avg Within Lab SD</b>	0.01		0.01			0.01			0.00		
<b>Labs Included</b>	2		2			2			2		
<b>Labs Reporting</b>	2		2			2			2		



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P (SubTestCode 212) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
28L7UU	0.37	0.17	0.58	0.22	0.17	0.05	0.38	0.33	0.34	0.31	0.45	0.09		
2NQD9W	0.52	4.31X	3.40	0.31	4.26X	3.51	0.50	3.90X	5.05	0.42	4.28X	2.76		
32BAR7	0.35	-0.18	0.39	0.22	0.02	0.00	0.39	0.62	0.47	0.30	0.00	0.00		
44AAZ2	0.32	-1.18	0.21	0.21	-0.60	0.46	0.33	-0.93	0.21	0.29	-0.41	0.07		
477JED	0.38	0.63	0.38	0.23	0.50	0.11	0.39	0.80	0.62	0.32	0.54	0.30		
4PETB4	0.36	0.00	0.68	0.21	-0.31	0.65	0.35	-0.32	0.47	0.29	-0.35	0.47		
6CNH24	0.41	1.38	0.68	0.25	1.47		0.40	0.91	0.95	0.36	2.00	0.27		
6MJMA4	0.37	0.37	1.80	0.22	0.08	2.27	0.37	0.04	1.50	0.30	0.07	0.59		
6NDCDW	0.38	0.51	0.13	0.23	0.40	0.40	0.39	0.60	0.31	0.31	0.28	0.24		
83RZZZ	0.37	0.36	1.33	0.22	-0.02	1.20	0.36	-0.18	1.89	0.30	0.02	0.54		
89YQ6Q	0.36	-0.09	1.72	0.21	-0.31	2.61	0.38	0.53	3.42	0.28	-0.59	1.35		
8NB6K4	0.43	1.94	0.65	0.25	1.33	0.97	0.39	0.84	1.54	0.35	1.59	0.05		
9D8CTN	0.35	-0.24	0.17	0.21	-0.34	0.26	0.35	-0.46	0.19	0.29	-0.42	0.09		
ABWQHT	0.38	0.54	0.75	0.23	0.29	0.74	0.38	0.39	0.40	0.30	0.09	0.35		
AN6UJG	0.35	-0.37	0.39	0.21	-0.47	0.00	0.35	-0.32	0.47	0.29	-0.35	0.00		
APVVKY	0.36	-0.01	0.76	0.21	-0.26	1.08	0.36	-0.17	0.75	0.30	-0.08	0.34		
AQR98R	0.42	1.65	1.18	0.25	1.47		0.46	2.61X	2.51	0.32	0.71	0.00		
CAU3RT	0.38	0.64	0.10	0.23	0.58	0.17	0.39	0.62	0.39	0.32	0.65	0.05		
CDTEMT	0.38	0.55	0.68	0.20	-0.79	0.65	0.35	-0.32	1.25	0.30	0.12	0.54		
CL8ZYH	0.38	0.67	0.88	0.22	0.10	1.51	0.40	1.03	0.25	0.34	1.29	0.10		
DVP2UH	0.36	0.00	0.72	0.22	0.11	1.19	0.37	0.03	0.44	0.30	0.06	0.69		
ECDUVV	0.39	0.77	0.66	0.23	0.58	0.43	0.42	1.58	0.79	0.33	0.88	0.20		
EGQGRK	0.31	-1.33	0.42	0.17	-2.21	0.34	0.30	-1.74	0.58	0.25	-1.62	0.45		
FBTF2Q	0.37	0.37	0.39	0.19	-1.44	0.00	0.38	0.34	0.95	0.31	0.35	0.47		
FQ9BLT	0.31	-1.42	1.82	0.18	-1.80	0.37	0.33	-1.07	0.52	0.26	-1.33	6.21		
FZCVGU	0.29	-1.87	1.13	0.17	-2.18	0.56	0.29	-2.04	0.88	0.24	-2.24	0.24		



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P (SubTestCode 212) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>G3YRLE</b>	<b>0.45</b>	2.39	4.55	<b>0.26</b>	1.95	2.99	<b>0.43</b>	1.85	0.82	<b>0.36</b>	2.00	0.54		
<b>GCPCQC</b>	<b>0.35</b>	-0.22	0.36	<b>0.21</b>	-0.24	1.84	<b>0.36</b>	-0.19	1.68	<b>0.28</b>	-0.61	0.81		
<b>HADU7L</b>	<b>0.34</b>	-0.64	0.39	<b>0.21</b>	-0.63	0.65	<b>0.34</b>	-0.60	0.47	<b>0.29</b>	-0.47	0.27		
<b>HMYA9K</b>	<b>0.38</b>	0.46	0.39	<b>0.22</b>	0.02	0.00	<b>0.38</b>	0.53	0.47	<b>0.31</b>	0.24	0.27		
<b>J78RVB</b>	<b>0.35</b>	-0.28	0.68	<b>0.21</b>	-0.63	0.65	<b>0.34</b>	-0.70	0.82	<b>0.29</b>	-0.47	0.27		
<b>K9F4CC</b>	<b>0.36</b>	-0.10	0.48	<b>0.22</b>	0.05	0.58	<b>0.33</b>	-0.85	2.53	<b>0.30</b>	0.16	0.10		
<b>KXWRYE</b>	<b>0.34</b>	-0.55	0.00	<b>0.21</b>	-0.47	0.00	<b>0.35</b>	-0.42	0.00	<b>0.28</b>	-0.59	0.27		
<b>LURJ89</b>	<b>0.35</b>	-0.22	0.45	<b>0.21</b>	-0.48	0.47	<b>0.35</b>	-0.37	0.26	<b>0.29</b>	-0.45	0.16		
<b>PJGFB2</b>	<b>0.41</b>	1.29	1.04	<b>0.25</b>	1.47	1.13	<b>0.41</b>	1.19	1.25	<b>0.34</b>	1.41	0.47		
<b>Q3N624</b>	<b>0.34</b>	-0.64	1.42	<b>0.20</b>	-0.79	0.65	<b>0.33</b>	-0.89	0.95	<b>0.28</b>	-0.82	0.97		
<b>RHVNCZ</b>	<b>0.35</b>	-0.17	0.56	<b>0.22</b>	0.00	0.85	<b>0.37</b>	0.18	0.43	<b>0.29</b>	-0.21	0.57		
<b>TBE3AN</b>	<b>0.42</b>	1.78	0.30	<b>0.25</b>	1.35	0.18	<b>0.42</b>	1.60	1.21	<b>0.35</b>	1.68	0.10		
<b>TW8LU7</b>	<b>0.30</b>	-1.75	0.39	<b>0.18</b>	-1.76	1.73	<b>0.29</b>	-2.21	0.47	<b>0.25</b>	-1.88	0.27		
<b>UB6TN2</b>	<b>0.38</b>	0.46	0.39	<b>0.23</b>	0.50	0.00	<b>0.37</b>	0.15	0.00	<b>0.32</b>	0.59	0.27		
<b>UFZLL3</b>	<b>0.37</b>	0.31	0.24	<b>0.22</b>	0.19	1.22	<b>0.37</b>	0.25	1.19	<b>0.30</b>	-0.09	0.39		
<b>ULP4ZE</b>	<b>0.33</b>	-0.92	0.39	<b>0.20</b>	-0.79	0.65	<b>0.34</b>	-0.70	0.00	<b>0.28</b>	-0.71	0.00		
<b>W2V8D6</b>	<b>0.35</b>	-0.22	0.90	<b>0.22</b>	-0.02	0.57	<b>0.36</b>	-0.04	0.48	<b>0.27</b>	-0.89	0.36		
<b>W9FZUB</b>	<b>0.36</b>	-0.10	0.28	<b>0.21</b>	-0.47	1.13	<b>0.35</b>	-0.51	0.24	<b>0.30</b>	-0.02	0.19		
<b>WLEA94</b>	<b>0.39</b>	0.83	0.00	<b>0.23</b>	0.34	0.65	<b>0.38</b>	0.34	0.47	<b>0.31</b>	0.47	0.27		
<b>WV4ZVV</b>	<b>0.38</b>	0.55	0.00	<b>0.23</b>	0.50	0.00	<b>0.39</b>	0.72	0.00	<b>0.32</b>	0.71	0.00		
<b>Y72BLH</b>	<b>0.37</b>	0.20	0.10	<b>0.23</b>	0.31	0.11	<b>0.36</b>	-0.03	0.29	<b>0.30</b>	-0.01	0.07		
<b>ZFKDXA</b>	<b>0.35</b>	-0.37	0.39	<b>0.20</b>	-0.95	0.00	<b>0.35</b>	-0.51	0.95	<b>0.28</b>	-0.71	0.81		



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

P (SubTestCode 212) in the Wet Digestion Property Groups					Data units: Percent
	SRB2105	SRB2106	SRB2107	SRB2108	
<b>Grand Median</b>	0.36	0.22	0.36	0.30	
<b>Median Abs Dev</b>	0.02	0.01	0.02	0.01	
<b>Avg Within Lab SD</b>	0.01	0.01	0.01	0.02	
<b>Labs Included</b>	47	47	46	47	
<b>Labs Reporting</b>	48	48	48	48	



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

### K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2105			SRB2106			SRB2107			SRB2108		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
28L7UU	3.56	1.80	0.71	2.62	1.93	0.15	7.55	2.04	0.56	2.00	1.66	0.10
2NQD9W	3.55	1.78	1.88	2.62	1.89	1.88	7.17	1.35	0.33	2.04	1.96	0.81
32BAR7	3.01	-0.44	0.65	2.24	-0.45	0.15	6.87	0.80	0.17	1.76	-0.12	0.44
44AAZ2	2.86	-1.05	0.17	2.22	-0.61	0.52	6.16	-0.50	0.24	1.76	-0.14	0.91
477JED	3.14	0.07	0.25	2.37	0.35	0.51	6.72	0.51	0.59	1.80	0.16	0.53
4PETB4	3.45	1.37	0.80	2.75	2.71X	0.73	6.94	0.93	0.57	2.25	3.59X	0.85
6CNH24	3.20	0.31	1.91	2.31	-0.03	1.56	7.22	1.43	0.41	1.84	0.51	1.82
6MJMA4	3.13	0.04	2.99	2.33	0.10	1.64	6.58	0.25	0.97	1.87	0.71	2.28
6NDCDW	3.26	0.56	0.35	2.44	0.79	0.38	6.74	0.55	0.39	1.86	0.63	0.39
83RZZZ	3.13	0.05	1.68	2.42	0.68	2.12	6.00	-0.80	1.02	2.05	2.08	0.42
89YQ6Q	3.16	0.18	2.06	2.54	1.43	1.48	7.08	1.18	1.65	1.88	0.76	3.54
8NB6K4	3.34	0.92	0.32	2.41	0.59	0.21	6.69	0.46	0.29	1.90	0.93	0.53
9D8CTN	3.13	0.05	0.44	2.32	0.05	0.27	6.73	0.53	0.10	1.78	0.01	0.10
ABWQHT	3.03	-0.38	1.13	2.23	-0.55	1.08	6.24	-0.37	0.16	1.62	-1.17	0.76
AN6UJG	2.93	-0.77	0.06	2.20	-0.70	0.30	5.78	-1.20	0.12	1.71	-0.49	0.17
APVVKY	3.13	0.06	0.31	2.36	0.30	0.13	6.68	0.45	0.73	1.80	0.17	0.36
AQR98R	3.26	0.59	1.91	2.41	0.62	0.27	7.57	2.07	2.37	1.76	-0.09	0.25
CAU3RT	3.30	0.76	0.19	2.51	1.22	0.12	7.04	1.10	0.50	1.92	1.05	0.11
CDTEMT	3.17	0.19	1.65	2.13	-1.14	0.74	6.23	-0.37	1.61	1.80	0.18	1.66
CL8ZYH	3.15	0.13	0.70	2.31	-0.02	0.76	6.82	0.71	0.42	1.77	-0.01	0.15
DVP2UH	3.07	-0.20	0.92	2.32	0.02	0.98	6.44	0.00	0.34	1.77	-0.08	1.34
ECDUVV	3.02	-0.42	0.80	2.24	-0.49	0.74	6.37	-0.12	0.16	1.76	-0.14	0.42
EGQGRK	2.67	-1.85	0.11	1.97	-2.16	0.59	5.82	-1.14	0.51	1.55	-1.69	0.50
FBTF2Q	2.90	-0.89	0.27	2.45	0.87	1.27	6.27	-0.31	0.32	1.93	1.18	0.19
FQ9BLT	2.72	-1.62	0.51	2.22	-0.57	0.98	5.78	-1.20	0.46	2.95	8.84X	17.00
FZCVGU	2.90	-0.89	0.80	2.23	-0.56	1.06	6.11	-0.60	0.44	1.72	-0.42	0.29



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

K (SubTestCode 213) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>G3YRLE</b>	<b>3.06</b>	-0.25	0.85	<b>2.34</b>	0.14	0.85	<b>6.64</b>	0.36	0.63	<b>1.64</b>	-0.99	0.34	
<b>GCPCQC</b>	<b>2.97</b>	-0.60	1.01	<b>2.27</b>	-0.26	2.05	<b>6.36</b>	-0.14	1.24	<b>1.72</b>	-0.39	1.24	
<b>HADU7L</b>	<b>3.20</b>	0.34	0.35	<b>2.37</b>	0.37	0.52	<b>6.18</b>	-0.47	0.24	<b>1.79</b>	0.11	0.50	
<b>HMYA9K</b>	<b>3.02</b>	-0.40	0.17	<b>2.27</b>	-0.26	0.20	<b>6.44</b>	0.00	0.32	<b>1.78</b>	0.06	0.10	
<b>J78RVB</b>	<b>2.82</b>	-1.25	0.98	<b>2.07</b>	-1.55	0.71	<b>6.03</b>	-0.75	0.42	<b>1.58</b>	-1.47	0.76	
<b>K9F4CC</b>	<b>3.31</b>	0.77	0.51	<b>2.30</b>	-0.11	0.75	<b>6.42</b>	-0.04	2.89	<b>1.80</b>	0.15	0.22	
<b>KXWRYE</b>	<b>3.05</b>	-0.30	0.27	<b>2.28</b>	-0.24	0.45	<b>6.32</b>	-0.21	0.99	<b>1.72</b>	-0.39	0.25	
<b>LURJ89</b>	<b>2.98</b>	-0.56	0.90	<b>2.25</b>	-0.40	0.68	<b>5.78</b>	-1.20	0.80	<b>1.70</b>	-0.54	0.34	
<b>PJGFB2</b>	<b>3.01</b>	-0.47	0.27	<b>2.25</b>	-0.38	0.85	<b>6.50</b>	0.12	0.30	<b>1.74</b>	-0.29	0.51	
<b>Q3N624</b>	<b>2.98</b>	-0.56	1.89	<b>2.26</b>	-0.32	0.90	<b>6.19</b>	-0.46	0.49	<b>1.72</b>	-0.44	2.26	
<b>RHVNCZ</b>	<b>3.06</b>	-0.23	0.77	<b>2.39</b>	0.49	0.97	<b>6.73</b>	0.54	0.42	<b>1.83</b>	0.38	1.50	
<b>TBE3AN</b>	<b>3.66</b>	2.23	0.87	<b>2.69</b>	2.37	0.12	<b>7.34</b>	1.65	3.83	<b>2.10</b>	2.44	0.19	
<b>TW8LU7</b>	<b>2.53</b>	-2.41X	1.25	<b>1.90</b>	-2.60X	1.28	<b>5.13</b>	-2.39X	0.98	<b>1.47</b>	-2.32	0.96	
<b>UB6TN2</b>	<b>3.28</b>	0.67	0.49	<b>2.46</b>	0.89	0.78	<b>7.01</b>	1.04	0.09	<b>1.86</b>	0.63	0.76	
<b>UFZLL3</b>	<b>3.38</b>	1.05	0.61	<b>2.46</b>	0.92	1.74	<b>6.27</b>	-0.31	1.34	<b>1.75</b>	-0.18	1.08	
<b>ULP4ZE</b>	<b>2.86</b>	-1.08	0.27	<b>2.26</b>	-0.36	0.27	<b>6.36</b>	-0.14	0.13	<b>1.72</b>	-0.42	0.33	
<b>W2V8D6</b>	<b>2.99</b>	-0.53	0.56	<b>2.39</b>	0.47	0.67	<b>6.55</b>	0.20	0.02	<b>1.59</b>	-1.37	0.34	
<b>W9FZUB</b>	<b>2.83</b>	-1.18	0.50	<b>2.10</b>	-1.37	0.91	<b>5.76</b>	-1.24	0.83	<b>1.77</b>	-0.07	1.50	
<b>WLEA94</b>	<b>3.39</b>	1.11	0.11	<b>2.46</b>	0.93	0.32	<b>6.96</b>	0.96	0.07	<b>1.93</b>	1.13	0.25	
<b>WV4ZVV</b>	<b>3.12</b>	0.00	0.37	<b>2.38</b>	0.39	0.27	<b>6.46</b>	0.03	0.55	<b>1.83</b>	0.43	0.10	
<b>Y72BLH</b>	<b>3.15</b>	0.11	0.18	<b>2.28</b>	-0.21	2.68	<b>6.36</b>	-0.15	0.43	<b>1.79</b>	0.10	0.09	
<b>ZFKDXA</b>	<b>2.97</b>	-0.62	0.76	<b>2.24</b>	-0.47	0.00	<b>6.03</b>	-0.74	0.34	<b>1.73</b>	-0.37	0.91	



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

K (SubTestCode 213) in the Wet Digestion Property Groups					Data units: Percent
	SRB2105	SRB2106	SRB2107	SRB2108	
<b>Grand Median</b>	3.12	2.31	6.44	1.78	
<b>Median Abs Dev</b>	0.14	0.08	0.29	0.06	
<b>Avg Within Lab SD</b>	0.09	0.08	0.24	0.06	
<b>Labs Included</b>	47	46	47	46	
<b>Labs Reporting</b>	48	48	48	48	



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
28L7UU	1.96	2.45	0.20	1.28	2.75	0.13	1.34	2.26	0.07	0.98	2.58	0.18		
2NQD9W	1.85	1.71	1.17	1.22	1.96	2.00	1.27	1.57	0.36	0.94	1.91	1.09		
32BAR7	1.59	-0.17	0.26	1.04	-0.12	0.16	1.12	0.03	0.13	0.79	-0.16	0.41		
44AAZ2	1.54	-0.53	0.15	1.03	-0.29	0.57	1.08	-0.42	0.59	0.78	-0.25	0.35		
477JED	1.55	-0.45	0.30	1.03	-0.25	1.08	1.12	-0.03	1.15	0.77	-0.44	0.54		
4PETB4	1.67	0.43	0.84	1.05	-0.04	1.31	1.14	0.17	1.12	0.72	-1.04	1.08		
6CNH24	1.66	0.33	1.16	1.05	-0.04	1.24	1.12	-0.03	0.84	0.81	0.16	2.16		
6MJMA4	1.62	0.05	2.30	1.05	0.00	2.57	1.12	0.03	1.23	0.80	-0.02	2.62		
6NDCDW	1.72	0.79	0.13	1.13	0.97	0.52	1.22	1.00	0.24	0.85	0.66	0.52		
83RZZZ	1.67	0.38	1.70	1.16	1.28	2.00	1.15	0.35	2.34	0.99	2.65	0.71		
89YQ6Q	1.54	-0.50	1.04	1.06	0.04	1.15	1.16	0.45	1.35	0.81	0.16	1.98		
8NB6K4	1.83	1.52	0.14	1.10	0.52	0.42	1.18	0.63	0.64	0.88	1.16	0.83		
ABWQHT	1.50	-0.79	0.56	0.97	-0.96	0.93	1.03	-0.97	0.13	0.68	-1.62	0.48		
AN6UJG	1.61	0.00	0.17	1.07	0.16	0.33	1.14	0.17	0.26	0.84	0.53	0.41		
APVVKY	1.42	-1.38	0.16	1.04	-0.17	0.87	1.01	-1.15	1.12	0.80	-0.03	0.30		
AQR98R	1.71	0.67	1.44	1.10	0.56	0.00	1.20	0.83	0.97	0.80	0.02	0.00		
CAU3RT	1.66	0.32	0.04	1.09	0.46	0.16	1.16	0.37	0.23	0.81	0.18	0.07		
CDTEMT	1.49	-0.88	4.17	0.97	-1.01	1.03	1.07	-0.55	1.29	0.80	-0.02	1.08		
CL8ZYH	1.72	0.77	1.16	1.26	2.52	0.82	1.30	1.90	0.96	0.95	2.10	0.82		
DVP2UH	1.69	0.51	0.74	1.10	0.58	1.22	1.17	0.53	1.09	0.82	0.29	1.58		
ECDUVV	1.54	-0.53	0.53	1.02	-0.41	1.16	1.07	-0.52	0.39	0.74	-0.75	0.94		
EGQGRK	1.53	-0.60	0.68	0.96	-1.13	0.57	1.04	-0.87	0.56	0.84	0.58	1.28		
FBTF2Q	2.03	3.01X	1.01	1.26	2.49	0.57	1.33	2.15	2.77	1.08	3.90X	3.19		
FQ9BLT	1.48	-0.98	0.34	1.04	-0.17	1.17	1.04	-0.78	0.50	1.75	13.18X	59.97		
FZCVGU	1.58	-0.21	1.10	1.07	0.16	0.85	1.11	-0.12	0.29	0.80	0.06	0.54		
G3YRLE	1.63	0.14	0.37	1.10	0.52	0.66	1.22	1.04	0.59	0.72	-1.04	0.41		





## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>GCPCQC</b>	<b>1.59</b>	-0.20	0.73	<b>1.05</b>	0.00	1.41	<b>1.13</b>	0.07	0.87	<b>0.78</b>	-0.27	0.66	
<b>HADU7L</b>	<b>1.60</b>	-0.10	0.26	<b>1.04</b>	-0.12	0.16	<b>1.12</b>	-0.03	0.34	<b>0.80</b>	-0.02	0.74	
<b>HMYA9K</b>	<b>1.61</b>	0.00	0.37	<b>1.05</b>	-0.08	0.33	<b>1.15</b>	0.31	0.45	<b>0.80</b>	0.02	0.35	
<b>J78RVB</b>	<b>1.50</b>	-0.79	0.73	<b>0.98</b>	-0.94	0.61	<b>1.03</b>	-0.93	0.22	<b>0.73</b>	-0.90	0.20	
<b>K9F4CC</b>	<b>1.68</b>	0.49	0.47	<b>1.04</b>	-0.19	0.86	<b>1.03</b>	-0.95	2.67	<b>0.78</b>	-0.23	0.51	
<b>KXWRYE</b>	<b>1.60</b>	-0.12	0.17	<b>1.04</b>	-0.21	0.33	<b>1.08</b>	-0.42	0.39	<b>0.75</b>	-0.62	0.20	
<b>LURJ89</b>	<b>1.63</b>	0.10	0.52	<b>1.07</b>	0.20	0.29	<b>1.08</b>	-0.42	1.02	<b>0.80</b>	0.03	0.94	
<b>PJGFB2</b>	<b>1.58</b>	-0.21	0.90	<b>1.04</b>	-0.16	0.29	<b>1.12</b>	-0.03	1.45	<b>0.79</b>	-0.12	0.35	
<b>Q3N624</b>	<b>1.57</b>	-0.33	1.26	<b>1.04</b>	-0.21	1.00	<b>1.05</b>	-0.69	0.46	<b>0.78</b>	-0.21	2.17	
<b>RHVNCZ</b>	<b>1.67</b>	0.38	0.62	<b>1.11</b>	0.72	1.19	<b>1.17</b>	0.55	0.13	<b>0.83</b>	0.42	1.43	
<b>TBE3AN</b>	<b>1.92</b>	2.17	0.34	<b>1.24</b>	2.29	0.23	<b>1.30</b>	1.88	1.48	<b>0.94</b>	1.95	0.14	
<b>TW8LU7</b>	<b>1.37</b>	-1.77	0.85	<b>0.92</b>	-1.57	1.94	<b>0.94</b>	-1.87	1.34	<b>0.70</b>	-1.36	2.16	
<b>UB6TN2</b>	<b>1.70</b>	0.62	0.26	<b>1.11</b>	0.72	0.44	<b>1.17</b>	0.52	0.22	<b>0.84</b>	0.58	0.61	
<b>UFZLL3</b>	<b>1.70</b>	0.63	0.33	<b>1.12</b>	0.83	1.79	<b>1.16</b>	0.43	1.07	<b>0.80</b>	0.04	0.67	
<b>ULP4ZE</b>	<b>1.50</b>	-0.81	0.30	<b>1.03</b>	-0.33	0.33	<b>1.06</b>	-0.66	0.26	<b>0.77</b>	-0.44	0.20	
<b>W2V8D6</b>	<b>1.55</b>	-0.43	0.70	<b>1.06</b>	0.08	1.31	<b>1.09</b>	-0.31	0.59	<b>0.70</b>	-1.41	0.93	
<b>W9FZUB</b>	<b>2.55</b>	6.68X	0.45	<b>1.63</b>	6.97X	1.56	<b>1.73</b>	6.30X	0.68	<b>1.29</b>	6.80X	0.38	
<b>WLEA94</b>	<b>1.80</b>	1.36	0.31	<b>1.13</b>	0.92	0.29	<b>1.19</b>	0.73	0.59	<b>0.86</b>	0.85	0.35	
<b>WV4ZVV</b>	<b>1.51</b>	-0.74	0.26	<b>1.00</b>	-0.69	0.16	<b>1.05</b>	-0.73	0.00	<b>0.74</b>	-0.85	0.20	
<b>Y72BLH</b>	<b>1.69</b>	0.52	0.32	<b>1.08</b>	0.30	0.27	<b>1.11</b>	-0.15	0.23	<b>0.80</b>	0.03	0.12	
<b>ZFKDXA</b>	<b>1.40</b>	-1.50	1.33	<b>0.98</b>	-0.93	0.44	<b>1.08</b>	-0.42	0.45	<b>0.73</b>	-0.90	0.74	



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Ca (SubTestCode 214) in the Wet Digestion Property Groups					Data units: Percent
	SRB2105	SRB2106	SRB2107	SRB2108	
<b>Grand Median</b>	1.61	1.05	1.12	0.80	
<b>Median Abs Dev</b>	0.07	0.04	0.05	0.03	
<b>Avg Within Lab SD</b>	0.07	0.04	0.04	0.03	
<b>Labs Included</b>	45	46	46	44	
<b>Labs Reporting</b>	47	47	47	47	



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

Mg (SubTestCode 215) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
28L7UU	0.65	2.75X	0.19	0.34	3.01X	0.08	0.58	2.73X	0.11	0.43	3.21X	0.13	
2NQD9W	0.61	1.95	0.96	0.33	2.45	1.25	0.56	2.05	0.62	0.42	2.82	1.20	
32BAR7	0.48	-1.21	0.30	0.25	-1.91		0.44	-1.11	0.00	0.31	-1.37	0.00	
44AAZ2	0.50	-0.57	0.31	0.27	-0.66	0.40	0.44	-1.02	0.26	0.34	-0.29	0.16	
477JED	0.53	-0.01	0.27	0.29	-0.03	0.20	0.50	0.41	0.22	0.35	0.02	0.54	
4PETB4	0.54	0.25	2.61	0.29	0.17	1.01	0.48	-0.13	1.43	0.35	0.12	0.81	
6CNH24	0.56	0.71	1.81	0.29	0.17	1.75	0.50	0.50	0.77	0.37	0.75	2.34	
6MJMA4	0.53	-0.04	2.49	0.28	-0.24	2.02	0.49	0.10	1.22	0.35	0.14	2.36	
6NDCDW	0.52	-0.26	0.20	0.27	-0.67	0.27	0.48	-0.05	0.30	0.33	-0.47	0.52	
83RZZZ	0.52	-0.24	1.12	0.29	0.10	1.62	0.46	-0.57	1.38	0.37	1.02	0.94	
89YQ6Q	0.51	-0.52	2.11	0.30	0.70	1.75	0.55	1.75	1.28	0.34	-0.12	2.04	
8NB6K4	0.59	1.36	0.19	0.30	0.69	0.19	0.50	0.58	0.47	0.37	0.96	0.57	
ABWQHT	0.53	0.03	0.75	0.29	0.31	0.48	0.48	-0.17	0.23	0.33	-0.72	0.87	
AN6UJG	0.55	0.56	0.30	0.30	0.87	0.58	0.52	0.94	0.51	0.38	1.25	0.00	
APVVKY	0.52	-0.23	0.41	0.28	-0.30	0.67	0.48	-0.09	0.28	0.34	-0.10	0.30	
AQR98R	0.55	0.56	1.59	0.30	0.70	0.00	0.53	1.30	1.17	0.35	0.12	0.00	
CAU3RT	0.54	0.27	0.06	0.29	0.38	0.18	0.51	0.66	0.13	0.36	0.45	0.12	
CDTEMT	0.58	1.25	0.80	0.28	-0.52	2.11	0.49	0.14	0.92	0.36	0.62	0.47	
CL8ZYH	0.62	1.98	0.72	0.32	1.64	0.30	0.53	1.42	0.68	0.39	1.60	1.26	
DVP2UH	0.54	0.14	0.60	0.29	0.02	1.01	0.49	0.12	0.35	0.35	-0.03	1.27	
ECDUVV	0.52	-0.16	0.47	0.27	-0.82	0.36	0.47	-0.23	0.12	0.33	-0.47	0.14	
EGQGRK	0.46	-1.52	0.80	0.26	-1.65	0.51	0.44	-1.02	1.12	0.30	-1.62	1.24	
FBTF2Q	0.62	2.09	1.04	0.34	2.96X	0.58	0.54	1.66	1.03	0.43	2.99X	0.94	
FQ9BLT	0.46	-1.57	0.43	0.27	-0.77	0.97	0.44	-1.00	0.38	0.46	4.36X	16.84	
FZCVGU	0.50	-0.57	1.56	0.28	-0.31	1.12	0.47	-0.22	0.91	0.34	-0.26	1.03	
G3YRLE	0.55	0.47	0.53	0.30	0.71	0.46	0.55	1.81	0.29	0.35	0.10	0.05	



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Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>GCPCQC</b>	<b>0.53</b>	0.01	0.85	<b>0.27</b>	-0.92	2.18	<b>0.49</b>	0.34	1.26	<b>0.33</b>	-0.59	1.58	
<b>HADU7L</b>	<b>0.53</b>	-0.06	0.30	<b>0.28</b>	-0.17	0.58	<b>0.46</b>	-0.67	0.26	<b>0.34</b>	-0.12	0.47	
<b>HMYA9K</b>	<b>0.52</b>	-0.13	0.30	<b>0.28</b>	-0.17	0.58	<b>0.50</b>	0.50	0.44	<b>0.35</b>	0.00	0.47	
<b>J78RVB</b>	<b>0.50</b>	-0.67	1.57	<b>0.26</b>	-1.27	0.98	<b>0.44</b>	-1.11	0.04	<b>0.31</b>	-1.25	0.47	
<b>K9F4CC</b>	<b>0.57</b>	0.89	0.41	<b>0.29</b>	0.16	0.46	<b>0.45</b>	-0.92	1.67	<b>0.36</b>	0.47	0.20	
<b>KXWRYE</b>	<b>0.50</b>	-0.67		<b>0.26</b>	-1.39	0.00	<b>0.45</b>	-0.76	0.26	<b>0.32</b>	-1.00	0.00	
<b>LURJ89</b>	<b>0.53</b>	0.04	0.43	<b>0.27</b>	-0.97	0.56	<b>0.47</b>	-0.30	0.17	<b>0.33</b>	-0.76	1.53	
<b>PJGFB2</b>	<b>0.56</b>	0.71	0.52	<b>0.29</b>	0.17	2.02	<b>0.51</b>	0.67	0.68	<b>0.35</b>	0.12	0.81	
<b>Q3N624</b>	<b>0.52</b>	-0.21	1.57	<b>0.29</b>	0.17	1.01	<b>0.47</b>	-0.22	0.51	<b>0.35</b>	0.12	2.15	
<b>RHVNCZ</b>	<b>0.54</b>	0.26	0.50	<b>0.30</b>	0.57	0.99	<b>0.50</b>	0.61	0.32	<b>0.36</b>	0.50	1.07	
<b>TBE3AN</b>	<b>0.60</b>	1.70	0.40	<b>0.32</b>	1.85	0.23	<b>0.48</b>	0.06	4.59	<b>0.39</b>	1.66	0.09	
<b>TW8LU7</b>	<b>0.44</b>	-1.98	1.59	<b>0.24</b>	-2.61X	1.55	<b>0.40</b>	-2.10	1.36	<b>0.30</b>	-1.87	1.87	
<b>UB6TN2</b>	<b>0.55</b>	0.48	0.00	<b>0.30</b>	0.70	0.00	<b>0.50</b>	0.41	0.26	<b>0.36</b>	0.62	0.47	
<b>UFZLL3</b>	<b>0.56</b>	0.66	0.55	<b>0.30</b>	0.61	1.57	<b>0.52</b>	0.91	1.14	<b>0.35</b>	-0.06	0.86	
<b>ULP4ZE</b>	<b>0.49</b>	-0.98	0.30	<b>0.27</b>	-0.70	0.58	<b>0.46</b>	-0.49	0.26	<b>0.34</b>	-0.25	0.00	
<b>W2V8D6</b>	<b>0.51</b>	-0.54	0.22	<b>0.29</b>	0.00	0.38	<b>0.47</b>	-0.19	0.07	<b>0.31</b>	-1.45	0.21	
<b>W9FZUB</b>	<b>0.53</b>	-0.03	0.29	<b>0.27</b>	-0.87	1.23	<b>0.46</b>	-0.51	0.07	<b>0.45</b>	3.85X	14.21	
<b>WLEA94</b>	<b>0.57</b>	0.94	0.52	<b>0.29</b>	0.00	0.58	<b>0.48</b>	0.05	0.68	<b>0.39</b>	1.50	0.47	
<b>WV4ZVV</b>	<b>0.50</b>	-0.67		<b>0.27</b>	-0.87	0.00	<b>0.46</b>	-0.49	0.26	<b>0.33</b>	-0.62	0.00	
<b>Y72BLH</b>	<b>0.55</b>	0.40	0.21	<b>0.29</b>	0.40	0.12	<b>0.49</b>	0.11	0.54	<b>0.35</b>	0.21	0.20	
<b>ZFKDXA</b>	<b>0.51</b>	-0.44	0.90	<b>0.27</b>	-0.87	0.00	<b>0.46</b>	-0.58	0.44	<b>0.34</b>	-0.37	0.47	



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Mg (SubTestCode 215) in the Wet Digestion Property Groups					Data units: Percent
	SRB2105	SRB2106	SRB2107	SRB2108	
<b>Grand Median</b>	0.53	0.29	0.48	0.35	
<b>Median Abs Dev</b>	0.02	0.01	0.02	0.01	
<b>Avg Within Lab SD</b>	0.02	0.01	0.02	0.01	
<b>Labs Included</b>	46	44	46	43	
<b>Labs Reporting</b>	47	47	47	47	



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

S (SubTestCode 216) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
28L7UU	0.68	-0.76	0.14	0.29	-0.29	0.05	0.26	-0.23	0.15	0.18	0.33	0.00	
2NQD9W	1.08	4.07X	6.48	0.41	3.32X	3.02	0.37	3.26X	4.27	0.24	3.31X	2.65	
32BAR7	0.86	1.38	0.18	0.33	0.97	0.00	0.32	1.62	0.00	0.20	1.41	0.00	
44AAZ2	0.72	-0.28	0.19	0.30	-0.04	0.50	0.27	-0.11	0.26	0.17	0.05	0.12	
477JED	0.71	-0.37	0.17	0.28	-0.39	0.42	0.27	0.00	0.22	0.17	-0.33	0.20	
4PETB4	0.77	0.35	0.54	0.30	0.19	0.38	0.27	-0.01	0.73	0.17	-0.18	0.77	
6CNH24	0.74	-0.04	0.89	0.28	-0.58	0.38	0.26	-0.23	0.42	0.17	-0.18	0.00	
6MJMA4	0.74	0.04	2.17	0.30	-0.01	2.10	0.26	-0.27	1.57	0.17	-0.14	1.13	
6NDCDW	0.72	-0.27	0.22	0.29	-0.30	0.27	0.27	0.06	0.22	0.17	-0.26	0.22	
83RZZZ	0.92	2.09	3.10	0.33	1.10	2.96	0.29	0.63	0.62	0.19	0.81	1.70	
89YQ6Q	0.72	-0.20	1.87	0.28	-0.39	1.53	0.28	0.21	2.22	0.15	-1.23	1.34	
8NB6K4	0.77	0.41	1.03	0.29	-0.29	1.13	0.25	-0.63	0.61	0.17	-0.42	0.33	
9N78QJ	0.64	-1.18	0.62	0.27	-0.68	0.38	0.25	-0.77	0.42	0.17	-0.35	0.45	
ABWQHT	0.80	0.74	1.43	0.32	0.54	0.41	0.29	0.60	0.92	0.17	-0.37	0.12	
AN6UJG	0.74	0.04	0.18	0.30	0.19	0.38	0.28	0.21	0.42	0.17	0.00	0.45	
APVVKY	0.76	0.22	0.67	0.31	0.41	0.46	0.28	0.44	0.63	0.18	0.56	0.31	
AQR98R	0.87	1.54	1.35	0.34	1.27	0.00	0.35	2.59	1.93	0.19	0.88	0.00	
CAU3RT	0.81	0.81	0.08	0.33	0.83	0.07	0.30	1.02	0.22	0.19	0.97	0.04	
CDTEMT	0.71	-0.31	0.64	0.26	-1.07	1.15	0.25	-0.77	0.42	0.16	-0.53	0.45	
CL8ZYH	0.80	0.67	0.81	0.33	0.88	0.72	0.30	0.97	0.63	0.20	1.14	0.35	
DVP2UH	0.75	0.10	0.61	0.31	0.29	0.74	0.28	0.35	0.41	0.18	0.33	0.61	
EGQGRK	0.62	-1.36	0.54	0.23	-1.85	0.38	0.22	-1.64	0.73	0.14	-1.76	0.77	
FQ9BLT	0.65	-1.12	0.21	0.28	-0.37	0.37	0.26	-0.27	0.57	0.22	2.33	5.38	
FZCVGU	0.66	-0.95	0.60	0.26	-1.02	0.17	0.24	-1.05	0.22	0.15	-1.37	0.04	
G3YRLE	0.77	0.39	3.59	0.36	1.75	3.07	0.35	2.49	4.01	0.22	2.29	1.61	
GCPCQC	0.73	-0.07	0.33	0.30	0.15	1.30	0.28	0.24	1.14	0.17	-0.14	0.78	



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

S (SubTestCode 216) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
HADU7L	0.71	-0.39	0.36	0.29	-0.19	0.00	0.27	-0.03	0.66	0.18	0.18	0.45		
HMYA9K	0.80	0.67	0.36	0.31	0.29	0.38	0.30	0.97	0.00	0.18	0.53	0.45		
J78RVB	0.65	-1.10	0.78	0.26	-0.97	0.38	0.25	-0.63	0.33	0.16	-0.55	0.23		
K9F4CC	0.79	0.57	0.46	0.32	0.71	0.50	0.28	0.30	2.20	0.20	1.25	0.13		
KXWRYE	0.69	-0.63	0.64	0.29	-0.19	0.00	0.27	-0.12	0.42	0.17	-0.18	0.00		
LURJ89	0.77	0.31	0.63	0.30	0.12	0.48	0.28	0.17	0.17	0.18	0.30	0.20		
PJGFB2	0.74	0.00	0.31	0.30	0.00	1.38	0.27	-0.01	0.73	0.17	-0.18	0.77		
Q3N624	0.74	0.00	1.12	0.27	-0.79	2.43	0.26	-0.34	0.73	0.17	0.00	1.18		
RHVNCZ	0.76	0.19	0.17	0.32	0.56	1.00	0.28	0.46	0.40	0.17	0.07	0.71		
TBE3AN	0.90	1.85	0.47	0.35	1.69	0.14	0.32	1.74	1.50	0.22	2.41	0.09		
TW8LU7	0.65	-1.02	0.95	0.25	-1.36	0.66	0.23	-1.20	0.42	0.16	-0.70	0.00		
UB6TN2	0.64	-1.14	0.47	0.28	-0.58	0.38	0.25	-0.55	0.42	0.17	-0.18	0.00		
UFZLL3	0.79	0.61	0.33	0.32	0.57	1.13	0.29	0.69	0.97	0.18	0.60	0.57		
ULP4ZE	0.64	-1.22	0.18	0.26	-1.07	0.00	0.24	-1.10	0.42	0.16	-0.70	0.00		
W2V8D6	0.76	0.26	0.19	0.31	0.48	0.75	0.28	0.38	0.33	0.16	-0.49	0.31		
W9FZUB	0.67	-0.79	0.19	0.27	-0.80	0.75	0.25	-0.66	0.45	0.17	-0.26	0.16		
WLEA94	0.85	1.30	0.31	0.32	0.78	0.38	0.29	0.64	0.73	0.19	0.88	0.00		
WV4ZVV	0.81	0.79	0.18	0.34	1.17	0.38	0.31	1.29	0.00	0.20	1.41	0.00		
Y72BLH	0.73	-0.15	0.05	0.30	0.20	0.10	0.27	-0.14	0.13	0.18	0.09	0.00		
ZFKDXA	0.60	-1.65	0.31	0.23	-1.95	0.00	0.22	-1.53	0.42	0.15	-1.06	0.89		

S (SubTestCode 216) in the Wet Digestion Property Groups					Data units: Percent	
	SRB2105	SRB2106	SRB2107	SRB2108		
Grand Median	0.74	0.30	0.27	0.17		
Median Abs Dev	0.05	0.02	0.02	0.01		
Avg Within Lab SD	0.03	0.02	0.01	0.01		
Labs Included	45	45	45	45		
Labs Reporting	46	46	46	46		



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### Na (SubTestCode 217) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2105			SRB2106			SRB2107			SRB2108		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
28L7UU	1.03	1.10	0.48	0.44	0.11	0.06	0.05	0.12	0.01	0.01	-0.18	0.09
2NQD9W	1.04	1.27	1.61	0.48	1.35	1.25	0.05	0.65	5.06	0.03	6.35X	18.18
44AAZ2	0.92	-0.17	0.19	0.42	-0.24	0.28	0.05	-0.03	0.07	0.01	0.00	0.40
477JED	0.94	0.12	1.18	0.44	0.10	1.64	0.05	0.61	0.35	0.01	-0.24	0.40
6CNH24	1.07	1.55	0.67	0.43	-0.02	1.21	0.05	-0.17	0.17			
6MJMA4	0.97	0.42	1.11	0.43	0.02	2.19	0.05	-0.19	0.37	0.01	0.40	0.40
6NDCDW	0.92	-0.16	0.23	0.41	-0.61	0.32	0.05	-0.13	0.06	0.01	0.37	0.42
83RZZZ	0.77	-1.75	3.02	0.37	-1.96	2.59	0.04	-1.22	0.23	0.01	0.97	1.00
89YQ6Q	0.89	-0.41	2.28	0.45	0.51	1.26	0.07	3.77X	1.15	0.02	3.99	4.00
8NB6K4	0.85	-0.85	0.02	0.35	-2.46	0.11	0.04	-0.91	0.08	0.01	-0.30	0.36
ABWQHT	0.95	0.21	1.06	0.43	-0.22	0.99	0.05	0.22	0.06	0.01	-0.25	0.23
AN6UJG	0.93	-0.04	0.22	0.43	0.02	0.42	0.05	0.56	0.00	0.01	-0.16	0.00
APVVKY	0.78	-1.66	0.49	0.42	-0.32	1.08	0.04	-1.01	0.05	0.01	-0.32	0.11
AQR98R	1.03	1.15	1.87	0.46	0.91	0.42	0.05	0.56	0.00	0.01	0.80	0.00
CAU3RT	1.03	1.07	0.04	0.47	1.12	0.18	0.05	0.40	0.40	0.01	-0.22	0.04
CL8ZYH	0.94	0.14	1.11	0.44	0.23	0.93	0.04	-1.37	0.12	0.00	-0.80	1.60
DVP2UH	0.95	0.24	0.97	0.44	0.14	1.10	0.05	-0.02	0.07	0.01	0.11	0.50
ECDUVV	0.92	-0.08	0.43	0.44	0.19	0.72	0.05	0.05	0.22	0.01	-0.24	0.07
EGQGRK	0.87	-0.67	0.37	0.38	-1.46	1.11	0.05	0.45	0.47	0.01	1.68	2.62
FQ9BLT	0.85	-0.93	0.59	0.42	-0.49	1.00	0.04	-1.13	0.13	0.09	21.08X	68.16
FZCVGU	0.93	-0.05	1.00	0.42	-0.27	1.13	0.04	-0.33	0.05	0.01	-0.18	0.06
G3YRLE	1.07	1.52	0.35	0.46	0.66	0.39	0.05	1.25	0.13	0.01	0.08	0.00
J78RVB	0.87	-0.68	0.93	0.39	-1.35	0.68	0.03	-2.12	0.35	0.00	-1.36	0.00
K9F4CC	0.90	-0.37	0.43	0.42	-0.48	0.71	0.04	-1.05	0.50	0.00	-0.56	0.40
KXWRYE	0.93	-0.04	0.43	0.43	-0.08	0.00	0.05	0.56	0.00	0.01	0.80	0.00
LURJ89	0.94	0.06	0.39	0.43	-0.10	0.83						





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Na (SubTestCode 217) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>PJGFB2</b>	<b>0.93</b>	0.01	0.93	<b>0.43</b>	-0.03	0.73	<b>0.05</b>	0.72	0.23	<b>0.02</b>	2.40	1.44		
<b>Q3N624</b>	<b>0.93</b>	-0.01	1.71	<b>0.43</b>	-0.18	1.11	<b>0.05</b>	0.02	0.67	<b>0.01</b>	0.80	0.00		
<b>RHVNCZ</b>	<b>0.96</b>	0.36	1.05	<b>0.45</b>	0.37	1.63	<b>0.04</b>	-1.00	0.35	<b>0.00</b>	-1.36			
<b>TBE3AN</b>	<b>1.09</b>	1.83	0.67	<b>0.49</b>	1.58	0.09	<b>0.06</b>	1.39	0.13	<b>0.01</b>	0.26	0.42		
<b>TW8LU7</b>	<b>0.78</b>	-1.68	0.65	<b>0.37</b>	-1.86	1.46	<b>0.04</b>	-0.41	0.35	<b>0.01</b>	0.78	0.70		
<b>ULP4ZE</b>	<b>0.93</b>	-0.01	0.37	<b>0.44</b>	0.31	0.42	<b>0.04</b>	-1.05	0.00	<b>0.01</b>	0.80	0.00		
<b>W2V8D6</b>	<b>0.96</b>	0.30	0.76	<b>0.46</b>	0.67	0.64	<b>0.04</b>	-0.51	0.13					
<b>W9FZUB</b>	<b>0.90</b>	-0.32	0.51	<b>0.41</b>	-0.74	1.17	<b>0.06</b>	1.84	2.90	<b>0.01</b>	-0.08	1.06		
<b>WLEA94</b>	<b>1.07</b>	1.55	0.37	<b>0.47</b>	1.10	0.00	<b>0.05</b>	0.56	0.00	<b>0.01</b>	0.80	0.00		
<b>WV4ZVV</b>	<b>0.95</b>	0.17	0.27	<b>0.44</b>	0.16	0.19	<b>0.05</b>	0.56	0.12	<b>0.01</b>	0.88	0.40		
<b>Y72BLH</b>	<b>1.06</b>	1.46	0.27	<b>0.48</b>	1.52	0.13	<b>0.05</b>	0.72	0.12	<b>0.01</b>	-0.08	0.40		
<b>ZFKDXA</b>	<b>0.82</b>	-1.22	0.67	<b>0.38</b>	-1.71	0.07	<b>0.04</b>	-0.41	0.00	<b>0.01</b>	0.00	0.40		

Na (SubTestCode 217) in the Wet Digestion Property Groups					Data units: Percent	
	SRB2105	SRB2106	SRB2107	SRB2108		
<b>Grand Median</b>	0.93	0.43	0.047	0.007		
<b>Median Abs Dev</b>	0.04	0.01	0.003	0.002		
<b>Avg Within Lab SD</b>	0.03	0.01	0.009	0.001		
<b>Labs Included</b>	38	38	36	33		
<b>Labs Reporting</b>	38	38	37	35		



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### AI (SubTestCode 218) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2105			SRB2106			SRB2107			SRB2108		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
28L7UU	2,815.2	0.47	0.49	163.3	0.51	0.02	188.6	0.67	0.50	255.1	0.74	0.46
2NQD9W	3,172.1	0.89	2.30	200.3	1.62	4.41	238.9	1.76	3.86	294.4	1.83	4.02
32BAR7	2,360.7	-0.06	1.70	147.0	0.02	0.42	155.8	-0.03	0.61	267.3	1.08	0.82
44AAZ2	2,836.7	0.50	0.34	193.1	1.41	0.47	193.0	0.77	0.49	260.0	0.87	0.64
477JED	1,768.7	-0.76	0.34	124.3	-0.66	0.20	141.0	-0.35	0.32	221.3	-0.20	0.56
6CNH24	1,950.0	-0.55	0.67	134.7	-0.35	0.05	144.3	-0.28	0.05	226.7	-0.06	0.12
6NDCDW	3,381.7	1.14	0.79	180.5	1.03	0.25	231.9	1.61	0.21	256.1	0.77	0.32
89YQ6Q	1,565.7	-1.00	1.32	119.0	-0.82	0.16	119.0	-0.83	0.79	202.7	-0.73	1.36
ABWQHT	2,213.3	-0.24	0.91	118.3	-0.84	0.44	133.7	-0.51	0.05	209.0	-0.55	0.54
AN6UJG	2,679.0	0.31	0.18	145.7	-0.02	0.05	163.3	0.13	0.30	248.0	0.54	0.35
APVVKY	2,007.0	-0.48	0.32	118.6	-0.83	0.21	125.3	-0.69	0.12	200.5	-0.78	0.17
AQR98R	2,466.7	0.06	2.69	135.7	-0.32	0.33	159.0	0.03	0.74	228.7	0.00	0.16
CAU3RT	1,913.4	-0.59	0.18	129.5	-0.51	0.25	137.8	-0.42	0.41	222.2	-0.18	0.43
ECDUVV	2,720.0	0.36	0.11	171.3	0.75	0.14	192.3	0.75	0.40	229.3	0.02	0.21
FQ9BLT	1,084.4	-1.57	0.42	117.3	-0.87	0.28	104.9	-1.13	0.87	110.9	-3.29X	7.93
J78RVB	1,851.3	-0.66	0.27	115.6	-0.92	1.33	125.7	-0.68	0.77	184.7	-1.23	0.16
K9F4CC	3,182.7	0.91	0.63	152.2	0.18	0.72	168.1	0.23	1.33	240.3	0.32	0.37
KXWRYE	2,847.9	0.51	1.03	156.8	0.31	0.21	182.3	0.54	0.58	250.0	0.59	0.04
Q3N624	2,113.7	-0.35	1.39	147.8	0.05	0.94	134.9	-0.49	0.86	197.9	-0.86	1.37
TBE3AN	2,831.1	0.49	0.74	177.1	0.93	0.11	197.1	0.86	1.45	293.5	1.81	0.61
ULP4ZE	1,346.3	-1.26	0.26	104.1	-1.27	0.13	104.9	-1.13	0.29	183.9	-1.25	0.18
WLEA94	1,237.3	-1.39	0.11	124.7	-0.65	0.29	98.0	-1.28	0.08	202.7	-0.73	0.24
WV4ZVV	3,255.0	0.99	0.06	165.7	0.58	0.38	174.0	0.36	0.28	239.7	0.31	0.24
Y72BLH	2,959.0	0.64	0.04	170.7	0.73	0.29	187.3	0.65	0.19	226.0	-0.07	0.10



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AI (SubTestCode 218) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2105	SRB2106	SRB2107	SRB2108	
<b>Grand Median</b>	2,413.7	146.3	157.4	228.7	
<b>Median Abs Dev</b>	482.0	23.2	30.6	26.0	
<b>Avg Within Lab SD</b>	89.1	10.6	12.5	9.8	
<b>Labs Included</b>	24	24	24	23	
<b>Labs Reporting</b>	24	24	24	24	



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

### B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2105			SRB2106			SRB2107			SRB2108		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
28L7UU	28.3	0.26	0.16	44.2	0.04	0.04	19.7	-0.37	0.07	12.8	-0.30	0.04
2NQD9W	28.9	0.37	2.36	37.7	-1.57	4.50	20.6	0.08	1.01	16.2	1.56	3.89
32BAR7	22.4	-0.78	0.49	41.4	-0.67	0.10	19.8	-0.31	0.08	11.8	-0.85	0.22
44AAZ2	26.8	0.00	0.26	40.2	-0.95	0.41	18.5	-0.95	0.39	12.5	-0.44	0.06
477JED	26.4	-0.07	0.81	39.5	-1.13	0.28	19.0	-0.69	1.00	12.6	-0.39	1.31
6CNH24	34.3	1.32	1.32	49.3	1.31	0.19	22.9	1.15	0.68	15.6	1.25	1.34
6MJMA4	26.8	0.00	1.91	46.7	0.65	1.86	21.5	0.48	1.48	13.9	0.33	1.43
6NDCDW	26.3	-0.09	0.18	41.9	-0.54	0.21	21.0	0.24	0.24	13.4	0.04	0.29
89YQ6Q	22.8	-0.71	0.78	39.6	-1.10	0.43	17.8	-1.25	0.79	9.5	-2.14	1.65
8NB6K4	36.2	1.65	0.18	48.1	1.02	0.76	23.2	1.32	0.65	16.1	1.51	0.45
ABWQHT	28.8	0.36	0.73	49.4	1.33	0.48	23.5	1.44	0.59	14.9	0.87	0.40
AN6UJG	26.7	-0.03	0.32	43.3	-0.18	0.45	20.7	0.10	0.47	13.0	-0.18	
APVVKY	31.6	0.85	0.67	50.4	1.58	0.65	23.8	1.61	1.17	15.8	1.39	1.23
AQR98R	27.3	0.09	1.31	46.6	0.63	0.34	22.2	0.84	0.64	13.8	0.28	0.17
CAU3RT	25.8	-0.18	0.05	45.2	0.28	0.12	21.1	0.32	0.16	13.1	-0.12	0.18
CDTEMT	35.8	1.58	1.23	41.9	-0.52	0.82	20.0	-0.22	0.65	13.8	0.26	1.73
CL8ZYH	46.1	3.40X	0.38	45.4	0.33	0.51	22.3	0.89	0.28	14.8	0.81	0.20
ECDUVV	25.3	-0.26	0.31	40.3	-0.92	0.55	20.4	-0.04	0.25	13.3	0.00	0.42
EGQGRK	31.7	0.86	1.72	44.7	0.15	1.49	17.0	-1.65	1.64	13.7	0.18	1.68
FQ9BLT	10.8	-2.83X	0.20	42.9	-0.28	0.09	18.1	-1.11	0.57	20.1	3.74X	17.52
FZCVGU	19.8	-1.24	0.47	46.7	0.65	0.37	21.6	0.55	0.44	13.1	-0.14	0.32
G3YRLE	33.6	1.20	0.37	40.2	-0.96	0.22	20.0	-0.23	0.96	13.7	0.18	0.46
GCPCQC	24.3	-0.44	0.41	41.5	-0.64	1.47	19.5	-0.44	1.57	12.7	-0.37	1.50
HADU7L	33.4	1.16	0.65	39.8	-1.06	0.18	19.7	-0.34	0.33	13.8	0.26	0.22
HMYA9K	25.7	-0.19	0.12	41.8	-0.57	0.18	21.0	0.26	0.16	13.1	-0.13	0.29
J78RVB	29.2	0.43	2.93	44.4	0.09	2.17	20.1	-0.18	3.80	10.2	-1.71	0.34



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B (SubTestCode 219) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>K9F4CC</b>	<b>27.4</b>	0.11	0.44	<b>39.8</b>	-1.04	0.45	<b>16.6</b>	-1.83	1.74	<b>11.3</b>	-1.14	0.23	
<b>KXWRYE</b>	<b>24.1</b>	-0.48	0.14	<b>45.6</b>	0.37	0.49	<b>22.6</b>	1.03	0.40	<b>14.0</b>	0.37	0.26	
<b>LURJ89</b>	<b>24.9</b>	-0.33	1.08	<b>44.5</b>	0.10	0.59	<b>21.4</b>	0.45	0.78	<b>13.4</b>	0.02	0.66	
<b>PJGFB2</b>	<b>15.7</b>	-1.97	1.17	<b>41.0</b>	-0.76	0.39	<b>18.8</b>	-0.79	0.38	<b>12.1</b>	-0.68	0.33	
<b>Q3N624</b>	<b>27.7</b>	0.15	1.80	<b>44.2</b>	0.05	0.89	<b>20.5</b>	0.02	1.52	<b>12.4</b>	-0.53	1.19	
<b>RHVNCZ</b>	<b>33.0</b>	1.09	0.02	<b>44.8</b>	0.19	0.36	<b>21.3</b>	0.41	0.51	<b>14.1</b>	0.41	0.64	
<b>TBE3AN</b>	<b>29.0</b>	0.39	0.37	<b>48.1</b>	1.01	0.03	<b>20.4</b>	-0.02	0.89	<b>12.8</b>	-0.29	0.32	
<b>UB6TN2</b>	<b>31.3</b>	0.80	0.40	<b>43.9</b>	-0.04	0.21	<b>20.6</b>	0.07	0.22	<b>14.5</b>	0.64	0.44	
<b>UFZLL3</b>	<b>25.9</b>	-0.16	0.18	<b>43.1</b>	-0.25	0.98	<b>20.2</b>	-0.11	0.73	<b>12.9</b>	-0.23	0.28	
<b>ULP4ZE</b>	<b>22.3</b>	-0.80	0.16	<b>40.4</b>	-0.90	0.27	<b>17.6</b>	-1.36	0.17	<b>11.5</b>	-1.04	0.12	
<b>W2V8D6</b>	<b>17.5</b>	-1.65	1.41	<b>42.5</b>	-0.39	0.38	<b>18.7</b>	-0.84	0.14	<b>10.8</b>	-1.42	0.25	
<b>W9FZUB</b>	<b>33.5</b>	1.18	0.34	<b>44.5</b>	0.12	0.67	<b>23.9</b>	1.63	1.38	<b>16.4</b>	1.69	0.22	
<b>WLEA94</b>	<b>26.3</b>	-0.09	0.32	<b>50.0</b>	1.48		<b>21.0</b>	0.26	0.82	<b>14.0</b>	0.37	1.10	
<b>WV4ZVV</b>	<b>40.0</b>	2.32		<b>46.3</b>	0.57	0.23	<b>22.3</b>	0.90	0.47	<b>14.7</b>	0.74	0.64	
<b>Y72BLH</b>	<b>21.7</b>	-0.91	0.32	<b>46.0</b>	0.49		<b>19.0</b>	-0.69		<b>10.0</b>	-1.84		
<b>ZFKDXA</b>	<b>24.2</b>	-0.46	0.88	<b>38.3</b>	-1.43	0.09	<b>18.8</b>	-0.81	0.41	<b>12.3</b>	-0.56	0.14	

B (SubTestCode 219) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB2105	SRB2106	SRB2107	SRB2108		
<b>Grand Median</b>	26.8	44.0	20.5	13.3		
<b>Median Abs Dev</b>	2.5	2.6	1.1	0.7		
<b>Avg Within Lab SD</b>	1.8	2.5	1.2	0.9		
<b>Labs Included</b>	40	42	42	41		
<b>Labs Reporting</b>	42	42	42	42		



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### Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2105			SRB2106			SRB2107			SRB2108		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
28L7UU	39.9	-0.25	0.05	22.9	-0.21	0.02	39.4	-0.07	0.84	20.5	0.13	0.20
2NQD9W	65.2	4.85X	8.57	41.0	6.99X	8.82	60.4	4.86X	6.66	35.3	7.46X	10.34
32BAR7	41.1	0.00	0.92	23.3	-0.04	0.41	39.7	0.00	0.22	19.8	-0.21	0.09
44AAZ2	37.1	-0.82	0.46	22.0	-0.57	0.52	36.3	-0.78	0.50	19.3	-0.44	0.50
477JED	38.7	-0.48	0.47	21.4	-0.80	0.24	42.0	0.55	0.14	19.7	-0.26	0.92
6CNH24	40.0	-0.23	0.31	20.8	-1.04	1.39	37.1	-0.61	0.11	17.4	-1.41	0.43
6MJMA4	40.0	-0.23	3.04	22.3	-0.45	2.06	37.2	-0.57	1.74	23.1	1.41	4.04
6NDCDW	43.4	0.46	0.16	23.7	0.10	0.42	42.6	0.69	0.35	20.5	0.12	0.24
83RZZZ	40.2	-0.19	1.01	24.6	0.46	0.82	38.6	-0.26	0.81	20.1	-0.06	0.36
89YQ6Q	44.0	0.58	2.36	25.3	0.76	1.12	48.3	2.03	1.71	20.3	0.06	1.88
8NB6K4	46.9	1.16	1.41	26.6	1.26	1.29	41.6	0.46	1.01	21.2	0.48	1.01
ABWQHT	41.2	0.02	0.85	22.8	-0.27	0.77	39.6	-0.01	0.03	19.5	-0.37	0.29
AN6UJG	41.3	0.04	0.34	23.3	-0.04	0.42	41.0	0.31	0.92	20.0	-0.11	
APVVKY	39.5	-0.33	0.32	21.4	-0.79	0.50	38.3	-0.33	0.15	19.0	-0.60	0.70
AQR98R	41.3	0.03	0.96	23.3	-0.04	0.19	40.5	0.20	0.53	19.9	-0.17	0.38
CAU3RT	42.5	0.26	0.12	24.3	0.33	0.11	42.3	0.61	0.37	21.2	0.48	0.14
CDTEMT	49.7	1.72	3.00	28.3	1.92	2.53	46.6	1.63	1.92	23.1	1.42	1.75
CL8ZYH	48.7	1.51	1.05	26.7	1.29	0.69	48.7	2.11	0.33	22.9	1.31	0.41
DVP2UH	44.4	0.67	0.54	24.7	0.49	0.62	41.7	0.48	0.26	21.1	0.45	0.76
ECDUVV	37.0	-0.83	0.06	20.3	-1.23	0.26				18.1	-1.05	0.16
EGQGRK	30.0	-2.24	0.59	17.7	-2.30	0.42	28.3	-2.66X	0.81	40.0	9.77X	1.57
FBTF2Q	36.9	-0.85	0.04	26.0	1.03	0.71	41.2	0.37	0.21	23.0	1.38	1.15
FQ9BLT	31.2	-1.99	0.70	20.6	-1.11	0.41	35.4	-1.01	0.60	30.6	5.12X	10.35
FZCVGU	37.1	-0.81	1.59	22.3	-0.47	0.81	38.0	-0.38	1.54	19.5	-0.35	0.59
G3YRLE	38.9	-0.46	0.25	22.2	-0.50	0.54	40.3	0.15	1.30	19.4	-0.40	1.04
GCPCQC	46.0	0.98	1.56	27.0	1.42	1.27	43.3	0.86	1.34	22.3	1.05	1.38



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Zn (SubTestCode 220) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
HADU7L	36.3	-0.97	0.34	20.3	-1.23	0.42	35.7	-0.94	0.31	18.7	-0.77	0.52	
HMYA9K	46.0	0.98	0.93	24.9	0.57	0.28	45.0	1.25	0.51	21.9	0.85	0.37	
J78RVB	36.2	-1.00	1.48	20.3	-1.26	0.49	35.7	-0.92	0.79	18.1	-1.06	0.18	
K9F4CC	46.0	0.98	0.56	27.0	1.42	1.07	46.8	1.66	3.90	23.5	1.63	1.08	
KXWRYE	41.7	0.10	0.35	22.6	-0.35	0.15	39.5	-0.04	0.02	20.1	-0.07	0.27	
LURJ89	41.0	-0.03	0.91	23.9	0.20	1.73	39.3	-0.09	0.60	19.9	-0.14	1.62	
PJGFB2	42.0	0.17	0.59	24.2	0.29	0.56	40.2	0.13	0.24	21.0	0.40	1.05	
Q3N624	37.1	-0.82	0.72	24.2	0.32	2.27	36.7	-0.70	0.34	19.2	-0.50	1.12	
RHVNCZ	44.7	0.71	0.25	25.9	1.00	1.14	45.0	1.26	0.52	23.4	1.56	0.64	
TBE3AN	47.7	1.32	0.26	25.7	0.91	0.48	44.3	1.09	1.74	21.5	0.63	0.34	
TW8LU7	35.3	-1.17	0.68	22.7	-0.31	2.37	33.3	-1.49	0.62	18.7	-0.77	0.52	
UB6TN2	41.5	0.07	0.21	23.5	0.04	0.37	39.0	-0.16	0.35	23.3	1.52	0.18	
UFZLL3	42.3	0.23	0.25	24.2	0.32	0.96	41.3	0.39	0.69	20.4	0.09	0.47	
ULP4ZE	31.8	-1.88	0.47	16.3	-2.84X	0.26	31.8	-1.84	0.28	13.5	-3.30X	0.14	
W2V8D6	36.7	-0.90	0.91	21.5	-0.78	0.70	36.4	-0.77	0.64	16.5	-1.82	0.65	
W9FZUB	43.5	0.48	0.59	23.6	0.07	0.67	40.8	0.27	0.18	21.6	0.68	0.36	
WLEA94	40.7	-0.09	0.34	23.7	0.09	0.42	38.3	-0.31	0.81	20.3	0.06	0.52	
WV4ZVV	42.7	0.31	0.34	24.0	0.23		41.7	0.47	0.31	20.7	0.22	0.52	
Y72BLH	42.3	0.23	0.16	22.8	-0.25	0.07	38.8	-0.20	0.11	19.9	-0.17	0.10	
ZFKDXA	37.2	-0.79	0.15	20.6	-1.13	1.15	37.3	-0.55	0.66	16.8	-1.69	0.74	

  

Zn (SubTestCode 220) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB2105	SRB2106	SRB2107	SRB2108	
Grand Median	41.1	23.4	39.7	20.2	
Median Abs Dev	2.9	1.3	2.3	1.0	
Avg Within Lab SD	1.7	1.4	1.9	1.1	
Labs Included	45	44	43	42	
Labs Reporting	46	46	45	46	



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### Mn (SubTestCode 221) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2105			SRB2106			SRB2107			SRB2108		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
28L7UU	130.1	2.96X	0.27	23.3	2.84X	0.14	86.2	2.73X	0.33	67.1	4.31X	0.11
2NQD9W	121.8	2.08	1.15	20.1	1.02	2.35	75.4	1.05	0.82	58.8	2.13	2.24
32BAR7	100.3	-0.21	0.38	15.6	-1.62	0.07	67.2	-0.23	0.13	49.4	-0.36	0.00
44AAZ2	96.4	-0.62	0.28	17.6	-0.44	0.52	64.9	-0.58	0.64	50.1	-0.17	0.58
477JED	105.3	0.32	0.59	18.4	0.04	0.25	74.8	0.96	0.66	53.8	0.80	0.67
6CNH24	89.7	-1.34	1.05	15.0	-1.93	0.25	61.1	-1.17	0.39	47.5	-0.86	0.62
6MJMA4	106.7	0.47	0.93	18.8	0.25	0.84	66.4	-0.34	0.41	52.2	0.39	1.02
6NDCDW	104.8	0.27	0.27	18.2	-0.09	0.33	70.1	0.22	0.38	50.5	-0.08	0.43
83RZZZ	100.3	-0.20	1.43	19.9	0.87	0.60	65.5	-0.49	1.12	51.7	0.25	0.36
89YQ6Q	96.3	-0.63	2.61	18.3	-0.02	0.69	78.0	1.45	3.91	48.3	-0.64	3.03
8NB6K4	103.6	0.14	0.54	18.1	-0.17	0.54	64.4	-0.66	0.59	49.7	-0.28	0.33
ABWQHT	102.2	0.00	1.19	18.0	-0.23	0.61	68.7	0.01	0.42	48.9	-0.49	0.53
AN6UJG	105.7	0.36	0.21	18.0	-0.21		69.7	0.16	0.47	52.0	0.32	0.55
APVVKY	99.3	-0.31	1.00	17.7	-0.37	0.73	69.0	0.05	1.00	49.9	-0.23	0.22
AQR98R	108.7	0.68	2.03	19.1	0.41	0.18	77.6	1.40	1.65	51.7	0.24	0.26
CAU3RT	107.1	0.52	0.20	19.2	0.51	0.19	74.4	0.89	0.18	54.6	1.02	0.18
CDTEMT	108.0	0.61	1.84	16.0	-1.37	0.73	65.5	-0.48	1.36	50.7	-0.01	1.48
CL8ZYH	114.2	1.27	1.88	19.9	0.90	0.81	81.1	1.94	0.32	55.5	1.24	2.01
DVP2UH	106.7	0.47	1.29	19.3	0.53	0.92	71.1	0.39	0.85	52.5	0.47	1.49
ECDUVV	101.3	-0.10	0.43	18.5	0.08	0.36	73.9	0.81	0.16	53.4	0.69	0.06
EGQGRK	71.7	-3.25X	1.18	13.8	-2.63X	0.91	50.7	-2.80X	1.03	40.7	-2.66X	0.84
FBTF2Q	80.4	-2.32	0.20	16.8	-0.94	0.52	63.9	-0.74	0.11	42.8	-2.10	0.12
FQ9BLT	79.3	-2.44	0.40	16.3	-1.19	0.06	59.9	-1.36	0.83	63.9	3.46X	14.13
FZCVGU	97.0	-0.56	2.01	18.4	0.02	0.60	69.0	0.06	1.18	50.8	0.00	0.82
G3YRLE	113.1	1.15	0.84	22.0	2.13	1.16	86.6	2.79X	1.55	55.0	1.11	1.09
GCPCQC	96.0	-0.66	1.47	16.7	-0.99	1.38	65.7	-0.46	1.32	47.7	-0.82	1.59





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Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
HADU7L	90.0	-1.30	0.37	17.0	-0.79		60.3	-1.29	0.24	48.3	-0.64	0.84	
HMYA9K	102.0	-0.02	0.37	19.3	0.52	0.48	70.6	0.31	0.58	52.4	0.42	0.49	
J78RVB	101.6	-0.06	1.17	17.1	-0.71	0.50	66.2	-0.38	0.39	50.6	-0.04	0.36	
K9F4CC	99.8	-0.26	0.67	17.7	-0.40	0.70	62.0	-1.04	2.45	50.3	-0.13	0.16	
KXWRYE	102.4	0.02	0.85	22.1	2.15	3.17	70.8	0.33	1.09	55.3	1.18	0.65	
LURJ89	103.3	0.12	0.21	18.5	0.08	0.60	66.5	-0.33	0.30	49.4	-0.36	0.76	
PJGFB2	96.3	-0.63	0.85	16.5	-1.08	0.78	65.7	-0.46	0.13	37.5	-3.50X	9.98	
Q3N624	94.4	-0.84	0.44	19.1	0.41	2.68	64.7	-0.61	0.26	49.9	-0.24	2.42	
RHVNCZ	108.0	0.61	0.74	19.7	0.77	0.55	73.3	0.73	0.21	53.3	0.66	1.30	
TBE3AN	118.8	1.76	0.95	20.9	1.48	0.08	78.8	1.57	1.64	59.8	2.38	0.13	
UB6TN2	106.2	0.43	0.20	19.5	0.68	0.18	71.2	0.40	0.13	53.6	0.76	0.17	
UFZLL3	105.2	0.31	0.88	18.8	0.26	0.76	69.1	0.06	0.76	51.1	0.08	0.48	
ULP4ZE	84.2	-1.92	0.21	11.1	-4.22X	0.23	57.5	-1.74	0.26	42.4	-2.19	0.20	
W2V8D6	95.0	-0.77	0.17	18.2	-0.12	0.48	66.6	-0.32	0.54	45.1	-1.48	0.53	
W9FZUB	99.9	-0.24	0.28	17.4	-0.56	1.81	63.8	-0.75	0.64	51.1	0.10	0.13	
WLEA94	107.0	0.51	0.37	19.3	0.56	0.69	74.7	0.94	0.47	53.7	0.76	0.32	
WV4ZVV	103.7	0.15	0.21	18.0	-0.21		69.3	0.11	0.24	50.3	-0.11	0.32	
Y72BLH	107.4	0.55	0.29	18.5	0.10	0.14	68.6	-0.01	0.19	51.5	0.18	0.08	
ZFKDXA	95.0	-0.77	0.98	16.5	-1.09	0.20	62.1	-1.01	0.22	46.0	-1.27	0.43	

Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg			
	SRB2105		SRB2106		SRB2107		SRB2108	
Grand Median	102.2		18.4		68.7		50.8	
Median Abs Dev	4.8		0.9		3.4		1.8	
Avg Within Lab SD	2.7		0.8		2.4		1.8	
Labs Included	43		42		42		41	
Labs Reporting	45		45		45		45	



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### Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2105			SRB2106			SRB2107			SRB2108		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
28L7UU	3,220.8	0.44	1.17	159.5	-0.59	0.05	205.7	-0.21	0.31	269.3	-0.13	0.10
2NQD9W	3,291.8	0.59	3.97	210.9	1.68	4.29	252.2	1.31	3.70	282.8	0.38	4.15
32BAR7	2,901.3	-0.21	0.43	163.4	-0.42	0.34	207.0	-0.17	0.53	278.7	0.23	0.16
44AAZ2	2,950.0	-0.11	0.32	178.4	0.24	0.39	209.3	-0.09	0.36	266.0	-0.25	0.07
477JED	2,629.3	-0.76	0.15	164.0	-0.39	0.22	217.3	0.17	0.70	279.0	0.24	0.55
6CNH24	2,801.7	-0.41	0.37	154.0	-0.83	0.33	191.7	-0.67	0.27	262.7	-0.38	1.70
6MJMA4	3,026.3	0.05	1.70	173.7	0.03	1.33	204.0	-0.27	1.00	274.7	0.08	1.22
6NDCDW	3,587.8	1.19	0.32	185.7	0.57	0.53	239.4	0.89	0.20	280.6	0.30	0.31
83RZZZ	2,790.7	-0.43	1.21	176.7	0.17	0.81	201.1	-0.36	0.78	249.4	-0.87	0.70
89YQ6Q	2,463.3	-1.10	1.05	158.7	-0.63	0.50	207.0	-0.17	0.44	242.3	-1.14	1.80
8NB6K4	3,331.3	0.67	0.35	178.4	0.24	0.48	211.4	-0.02	1.02	281.4	0.33	0.16
ABWQHT	3,003.3	0.00	0.86	161.0	-0.52	0.72	204.3	-0.26	0.08	269.3	-0.13	0.51
AN6UJG	3,292.3	0.59	0.13	183.0	0.45	0.40	230.0	0.58	0.19	293.3	0.78	0.04
APVVKY	2,778.7	-0.46	0.59	163.3	-0.42	1.20	230.3	0.59	1.79	267.3	-0.20	0.04
AQR98R	3,056.7	0.11	1.56	175.3	0.11	0.34	212.7	0.02	0.79	277.0	0.16	0.36
CAU3RT	2,800.9	-0.41	0.07	163.9	-0.40	0.22	219.7	0.25	1.32	292.0	0.73	1.80
CDTEMT	3,481.7	0.98	0.78	177.3	0.20	1.71	225.7	0.44	0.58	286.7	0.53	0.87
CL8ZYH	3,998.0	2.03	0.53	199.0	1.15	0.17	249.6	1.22	0.91	296.4	0.89	0.61
DVP2UH	3,208.7	0.42	0.46	183.7	0.47	0.87	250.8	1.26	2.95	276.8	0.16	0.58
ECDUVV	3,133.3	0.27	0.28	173.7	0.03	0.06	232.0	0.65	0.25	272.7	0.00	0.17
EGQGRK	1,338.7	-3.39X	0.17	135.7	-1.64	0.61	155.7	-1.85	0.37	245.0	-1.04	0.35
FBTF2Q	2,643.0	-0.73	0.47	132.2	-1.79	0.53	156.9	-1.81	0.22	177.4	-3.58X	0.13
FQ9BLT	1,843.9	-2.36	1.28	128.4	-1.96	0.12	157.9	-1.77	0.07	116.2	-5.87X	4.27
FZCVGU	2,083.0	-1.87	0.89	139.2	-1.49	0.31	165.6	-1.52	0.54	226.4	-1.74	0.32
G3YRLE	2,615.7	-0.79	0.54	161.0	-0.52	0.22	202.3	-0.32	0.71	214.7	-2.18	0.28
GCPCQC	2,693.0	-0.63	0.95	193.3	0.90	1.22	228.0	0.52	0.14	272.7	0.00	0.14



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

### Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2105			SRB2106			SRB2107			SRB2108		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
HADU7L	2,760.0	-0.49	0.22	176.0	0.14	0.90	194.3	-0.58	0.48	233.7	-1.46	0.60
HMYA9K	3,243.3	0.49	0.21	182.7	0.43	0.70	235.0	0.75	0.25	279.3	0.25	0.26
J78RVB	3,091.0	0.18	0.79	176.7	0.17	0.70	214.7	0.08	0.04	271.4	-0.05	0.46
K9F4CC	3,105.3	0.21	0.30	168.0	-0.22	0.78	200.9	-0.37	1.79	262.1	-0.40	0.14
KXWRYE	3,488.6	0.99	2.26	211.5	1.70	2.05	249.6	1.22	1.28	303.2	1.15	0.83
LURJ89	3,112.7	0.22	0.42	218.0	1.99	2.12	236.3	0.79	1.50	294.0	0.80	2.38
PJGFB2	2,841.3	-0.33	0.66	174.7	0.08	0.34	223.0	0.35	0.33	283.3	0.40	0.22
Q3N624	2,952.6	-0.10	0.85	172.1	-0.03	1.10	210.2	-0.07	0.80	263.2	-0.36	1.65
RHVNCZ	3,114.3	0.23	0.55	183.3	0.46	0.72	225.3	0.43	0.08	289.0	0.61	0.14
TBE3AN	3,321.5	0.65	0.47	162.7	-0.45	0.31	233.5	0.70	1.29	310.0	1.40	0.20
UB6TN2	2,841.3	-0.33	0.15	164.7	-0.36	0.13	209.0	-0.10	0.52	252.0	-0.78	0.21
UFZLL3	2,963.5	-0.08	1.75	160.5	-0.55	0.47	212.2	0.00	0.49	259.0	-0.51	0.96
ULP4ZE	2,259.4	-1.51	0.23	132.0	-1.80	0.12	164.5	-1.56	0.14	232.8	-1.50	0.04
W2V8D6	2,343.3	-1.34	0.86	149.0	-1.05	0.19	184.0	-0.92	0.31	220.0	-1.98	0.48
W9FZUB	3,351.3	0.71	0.40	232.7	2.64X	5.45	263.1	1.67	0.59	329.8	2.15	0.62
WLEA94	1,816.0	-2.41	0.14	144.0	-1.27	0.38	159.0	-1.74	0.07	250.3	-0.84	0.17
WV4ZVV	3,455.0	0.92	0.04	184.7	0.52	0.06	243.3	1.02	0.08	287.3	0.55	0.42
Y72BLH	3,437.3	0.89	0.18	177.7	0.21	0.25	227.0	0.48	0.07	276.7	0.15	0.04
ZFKDXA	3,001.3	0.00	0.55	164.1	-0.39	0.41	208.1	-0.13	0.10	250.0	-0.85	0.32

### Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

	SRB2105	SRB2106	SRB2107	SRB2108
Grand Median	3,002.3	172.9	212.2	272.7
Median Abs Dev	241.7	10.3	15.8	13.7
Avg Within Lab SD	135.5	9.1	13.9	14.5
Labs Included	44	44	45	43
Labs Reporting	45	45	45	45



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

### Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2105			SRB2106			SRB2107			SRB2108		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
28L7UU	16.4	-0.30	0.11	17.1	-0.36	0.19	11.2	-0.28	0.30	14.5	0.12	0.17
2NQD9W	18.0	0.49	1.32	19.1	0.84	1.34	13.1	1.20	0.67	14.9	0.41	0.39
32BAR7	17.6	0.33	0.61	16.8	-0.55	0.23	11.2	-0.30	0.14	14.6	0.17	0.11
44AAZ2	13.5	-1.69	0.21	14.4	-1.96	0.47	8.6	-2.33	0.43	12.6	-1.38	0.29
477JED	14.8	-1.04	1.55	16.5	-0.73	1.16	12.0	0.36	1.10	13.6	-0.58	1.46
6CNH24	17.2	0.11	0.66	17.3	-0.23	0.94	13.2	1.24	4.11	15.2	0.63	1.42
6MJMA4	15.8	-0.55	2.01	17.0	-0.39	2.44	10.7	-0.66	1.07	13.7	-0.48	2.52
6NDCDW	18.3	0.67	0.35	18.6	0.52	0.59	12.2	0.50	0.39	14.2	-0.11	0.21
83RZZZ	15.8	-0.59	0.93	17.8	0.09	1.25	10.8	-0.58	0.50	13.2	-0.91	1.06
89YQ6Q	18.8	0.88	2.49	19.0	0.81	1.94	12.6	0.77	1.65	14.4	0.01	2.46
8NB6K4	20.2	1.60	0.92	19.8	1.27	0.53	12.7	0.87	0.41	17.0	2.02	0.34
ABWQHT	16.9	-0.03	0.75	18.3	0.37	0.86	11.8	0.15	0.78	13.7	-0.53	0.45
AN6UJG	17.7	0.34	0.71	17.7	-0.01	0.63	12.0	0.33		14.3	-0.01	1.11
APVVKY	16.1	-0.42	0.41	16.9	-0.50	0.43	11.0	-0.46	0.15	13.3	-0.79	0.14
AQR98R	16.9	-0.02	1.05	18.4	0.41	0.60	11.2	-0.32	0.22	14.1	-0.22	0.68
CAU3RT	17.4	0.23	0.07	18.4	0.42	0.50	12.0	0.30	0.09	15.0	0.47	0.33
CDTEMT	17.4	0.21	0.77	17.0	-0.41	1.67	11.4	-0.11	1.28	14.7	0.24	1.45
CL8ZYH	20.2	1.55	0.11	19.6	1.16	0.35	12.4	0.68	0.32	15.0	0.50	0.39
DVP2UH	16.7	-0.14	0.46	17.7	0.03	0.10	11.4	-0.14	0.29	14.1	-0.21	1.09
ECDUVV	15.3	-0.83	0.31	16.3	-0.81	0.38	10.3	-0.97	0.36	13.2	-0.86	0.40
EGQGRK	17.0	0.02	1.24	17.7	-0.01	1.66	13.0	1.11	1.42	15.0	0.50	1.93
FBTF2Q	12.8	-2.05	0.56	18.3	0.38	0.92	12.3	0.54	0.28	13.7	-0.54	0.14
FQ9BLT	13.7	-1.58	0.18	16.8	-0.50	0.18	10.3	-1.03	0.35	9.4	-3.78X	6.12
FZCVGU	18.4	0.69	1.08	19.5	1.10	0.37	12.9	1.04	0.29	15.2	0.66	0.18
G3YRLE	20.8	1.89	3.59	21.2	2.10	1.98	16.1	3.53X	2.35	17.0	2.02	1.55
GCPCQC	18.1	0.55	0.33	18.7	0.63	1.36	12.4	0.67	1.01	14.5	0.12	1.27



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Cu (SubTestCode 223) in the Wet Digestion Property Groups												Data units: mg/kg
WebCode	SRB2105			SRB2106			SRB2107			SRB2108		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
HADU7L	16.0	-0.47		17.7	-0.01	0.63	11.0	-0.45		13.3	-0.78	1.11
HMYA9K	14.6	-1.15	0.33	16.6	-0.63	0.33	10.2	-1.05	0.82	13.5	-0.63	0.49
J78RVB	15.1	-0.93	1.12	15.5	-1.29	0.38	9.2	-1.89	0.39	12.2	-1.69	0.62
K9F4CC	20.4	1.68	0.34	20.5	1.67	1.98	17.4	4.54X	4.92	20.0	4.35X	5.46
KXWRYE	16.5	-0.21	0.35	17.5	-0.11	0.33	11.7	0.11	0.37	14.5	0.14	0.35
LURJ89	16.5	-0.23	0.57	17.5	-0.09	0.51	11.8	0.17	0.62	14.1	-0.22	1.28
PJGFB2	15.1	-0.89	0.38	15.8	-1.11	0.27	10.5	-0.82	0.46	12.8	-1.17	0.80
Q3N624	15.4	-0.78	1.19	16.0	-0.99	0.94	10.2	-1.08	0.25	13.2	-0.86	1.45
RHVNCZ	17.0	0.02	0.21	17.7	0.01	0.76	11.7	0.12	0.70	15.0	0.53	0.78
TBE3AN	18.8	0.88	0.84	19.0	0.77	0.40	13.0	1.11	0.96	16.0	1.31	0.42
UB6TN2	17.7	0.34	0.38	16.8	-0.55	0.17	12.1	0.43	0.46	15.1	0.60	0.22
UFZLL3	17.7	0.36	0.76	18.5	0.49	0.72	11.8	0.21	0.79	15.2	0.68	0.34
ULP4ZE	14.6	-1.14	0.26	16.2	-0.91	0.62	10.2	-1.06	0.37	13.0	-1.01	0.30
W2V8D6	16.1	-0.41	0.40	18.5	0.47	1.54	11.3	-0.19	0.83	12.9	-1.09	0.78
W9FZUB	22.6	2.76X	0.63	22.7	3.01X	0.40	17.3	4.48X	1.07	20.8	5.00X	0.69
WLEA94	17.3	0.18	0.71	18.7	0.59	1.25	11.3	-0.19	0.82	15.0	0.50	
WV4ZVV	16.3	-0.31	0.71	18.0	0.19		11.3	-0.19	0.82	14.7	0.24	1.11
Y72BLH	18.3	0.67	0.07	19.5	1.09	0.22	12.5	0.72	0.38	15.6	0.96	0.39
ZFKDXA	17.5	0.24	0.58	14.1	-2.13	0.83	9.5	-1.61	2.14	12.5	-1.42	0.27

Cu (SubTestCode 223) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB2105		SRB2106		SRB2107	SRB2108
Grand Median	17.0		17.7		11.6	14.4
Median Abs Dev	1.1		0.9		0.7	0.7
Avg Within Lab SD	0.8		0.9		0.7	0.5
Labs Included	44		44		42	42
Labs Reporting	45		45		45	45



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
28L7UU	1.23	-0.83	0.29	1.65	-0.29	0.03	0.59	-0.82	0.00	0.98	0.02	0.02	
2NQD9W	5.45	17.78X	4.79	2.15	2.32	2.85	0.85	1.43	3.88	1.58	2.60	0.80	
6MJMA4	1.42	0.02	0.42	1.87	0.87	0.92	0.85	1.37	0.21	1.03	0.24	0.12	
6NDCDW	1.20	-0.96	0.13	1.54	-0.86	0.23	0.55	-1.18	0.02	0.87	-0.45	0.02	
ABWQHT	1.50	0.38	0.35	1.70	0.00	0.42	0.65	-0.32	0.05	0.97	-0.03	0.07	
AN6UJG	1.23	-0.80	0.44	1.43	-1.41	0.44	0.63	-0.45	0.21	0.80	-0.76	0.00	
APVVKY	1.41	-0.02	0.44	1.71	0.01	0.53	0.69	0.02	0.13	0.97	-0.02	0.05	
AQR98R	1.54	0.54	0.51	1.75	0.26	0.23	0.68	-0.02	0.06	0.97	-0.04	0.02	
CAU3RT	1.59	0.78	0.33	1.79	0.43	0.29	0.69	0.05	0.79	1.05	0.30	0.06	
ECDUVV	1.42	0.02	0.20	1.74	0.19	0.15	0.66	-0.27	0.02	1.01	0.14	0.07	
EGQGRK	0.91	-2.21	1.06	1.21	-2.56	0.12	0.42	-2.25	0.08	0.63	-1.47	0.02	
FQ9BLT	1.32	-0.43	2.13	1.59	-0.57	0.19	0.48	-1.79X	0.22	1.89	3.90	4.16	
GCPCQC	1.55	0.58	1.44	1.65	-0.28	2.02	0.60	-0.74	0.31	0.78	-0.86	0.11	
K9F4CC	1.33	-0.39	2.86	1.75	0.22	1.98				1.02	0.19	0.05	
KXWRYE	1.42	0.04	0.71	1.83	0.64	0.53	0.82	1.14	0.23	1.07	0.40	0.11	
LURJ89	1.20	-0.96	0.29	1.65	-0.26	0.70							
ULP4ZE	1.95	2.34	0.31	1.64	-0.31	0.38	0.72	0.26	0.21	0.92	-0.24	0.04	
WV4ZVV	1.37	-0.21	0.44	1.63	-0.37	0.44	0.70	0.12	0.00	0.93	-0.19	0.08	
Y72BLH	1.55	0.61	0.04	1.89	0.96	0.19	0.73	0.37	0.10	1.05	0.30	0.03	

Mo (SubTestCode 224) in the Wet Digestion Property Groups					Data units: mg/kg			
	SRB2105		SRB2106		SRB2107		SRB2108	
Grand Median	1.41		1.70		0.69		0.98	
Median Abs Dev	0.13		0.07		0.05		0.06	
Avg Within Lab SD	0.13		0.13		0.28		0.73	
Labs Included	18		19		16		18	
Labs Reporting	19		19		17		18	



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

P (SubTestCode 225) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>28L7UU</b>	<b>0.33</b>	-1.86	0.40	<b>0.21</b>	-0.54	1.14	<b>0.35</b>	-0.56	0.29	<b>0.30</b>	0.35	0.06	
<b>6AGXFN</b>	<b>0.36</b>	0.80	1.13	<b>0.21</b>	0.68	1.73	<b>0.36</b>	0.41	1.11	<b>0.30</b>	0.98	0.94	
<b>99RYT2</b>	<b>0.35</b>	0.00	0.52	<b>0.21</b>	-0.69	0.85	<b>0.35</b>	-0.71	0.37	<b>0.29</b>	-1.18	0.94	
<b>9N78QJ</b>	<b>0.36</b>	0.57	1.81	<b>0.22</b>	1.47	0.00	<b>0.37</b>	1.69	1.63	<b>0.30</b>	0.00	1.80	
<b>YNW8EX</b>	<b>0.35</b>	-0.14	0.00	<b>0.21</b>	0.00	0.00	<b>0.35</b>	0.00	0.94	<b>0.29</b>	-0.87	0.00	

  

P (SubTestCode 225) in the Dry Ash Property Groups													Data units: Percent
	SRB2105			SRB2106			SRB2107			SRB2108			
<b>Grand Median</b>	0.35			0.21			0.35			0.30			
<b>Median Abs Dev</b>	0.01			0.00			0.01			0.01			
<b>Avg Within Lab SD</b>	0.01			0.00			0.01			0.00			
<b>Labs Included</b>	5			5			5			5			
<b>Labs Reporting</b>	5			5			5			5			



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

K (SubTestCode 226) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>28L7UU</b>	<b>3.06</b>	-1.01	0.29	<b>2.39</b>	0.01	0.68	<b>6.47</b>	-0.97	0.53	<b>1.71</b>	-0.21	0.89	
<b>6AGXFN</b>	<b>3.30</b>	0.00	2.00	<b>2.34</b>	-0.62	0.48	<b>6.77</b>	0.00	1.67	<b>1.72</b>	-0.03	0.47	
<b>99RYT2</b>	<b>3.42</b>	0.49	0.73	<b>2.39</b>	0.00	1.27	<b>7.06</b>	0.90	1.27	<b>1.75</b>	0.59	1.43	
<b>9N78QJ</b>	<b>3.38</b>	0.30	0.61	<b>2.49</b>	1.21	1.30	<b>6.87</b>	0.30	0.46	<b>1.85</b>	2.54	1.36	
<b>YNW8EX</b>	<b>2.91</b>	-1.58	0.12	<b>2.26</b>	-1.54	1.00	<b>6.39</b>	-1.21	0.33	<b>1.72</b>	0.00	0.30	

K (SubTestCode 226) in the Dry Ash Property Groups					Data units: Percent
	SRB2105		SRB2106		SRB2108
<b>Grand Median</b>	3.30		2.39		1.72
<b>Median Abs Dev</b>	0.12		0.05		0.01
<b>Avg Within Lab SD</b>	0.05		0.02		0.02
<b>Labs Included</b>	5		5		5
<b>Labs Reporting</b>	5		5		5





## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

Ca (SubTestCode 227) in the Dry Ash Property Groups													Data units: Percent	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>28L7UU</b>	<b>1.69</b>	0.00	0.15	<b>1.14</b>	0.73	0.11	<b>1.15</b>	-0.55	0.16	<b>0.86</b>	1.18	0.94		
<b>6AGXFN</b>	<b>1.76</b>	0.83	1.31	<b>1.10</b>	0.00	0.58	<b>1.19</b>	0.00	1.84	<b>0.80</b>	0.00	0.67		
<b>99RYT2</b>	<b>1.77</b>	0.85	0.75	<b>1.15</b>	0.74	1.56	<b>1.30</b>	1.51	1.07	<b>0.86</b>	1.18	1.55		
<b>9N78QJ</b>	<b>1.69</b>	0.00	1.47	<b>1.08</b>	-0.34	1.39	<b>1.19</b>	0.11	0.30	<b>0.79</b>	-0.13	0.79		
<b>YNW8EX</b>	<b>1.55</b>	-1.70	0.73	<b>1.01</b>	-1.56	0.53	<b>1.10</b>	-1.21	0.60	<b>0.76</b>	-0.89	0.79		

Ca (SubTestCode 227) in the Dry Ash Property Groups													Data units: Percent	
	SRB2105			SRB2106			SRB2107			SRB2108				
<b>Grand Median</b>	1.69			1.10			1.19			0.80				
<b>Median Abs Dev</b>	0.07			0.04			0.04			0.04				
<b>Avg Within Lab SD</b>	0.02			0.01			0.02			0.01				
<b>Labs Included</b>	5			5			5			5				
<b>Labs Reporting</b>	5			5			5			5				



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Mg (SubTestCode 228) in the Dry Ash Property Groups													Data units: Percent	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>28L7UU</b>	<b>0.53</b>	0.00	0.59	<b>0.31</b>	1.41	0.84	<b>0.50</b>	-0.15	0.09	<b>0.37</b>	1.29	0.65		
<b>6AGXFN</b>	<b>0.53</b>	-0.44	1.66	<b>0.28</b>	-0.57	1.22	<b>0.50</b>	0.09	1.77	<b>0.35</b>	0.04	0.65		
<b>99RYT2</b>	<b>0.55</b>	0.60	0.82	<b>0.29</b>	0.08	1.68	<b>0.50</b>	0.00	0.66	<b>0.35</b>	0.00	0.93		
<b>9N78QJ</b>	<b>0.54</b>	0.09	1.10	<b>0.29</b>	0.00	0.00	<b>0.51</b>	0.84	1.06	<b>0.34</b>	-0.41	1.28		
<b>YNW8EX</b>	<b>0.49</b>	-2.24	0.00	<b>0.27</b>	-1.31	0.00	<b>0.47</b>	-2.29	0.53	<b>0.33</b>	-1.63	1.28		

Mg (SubTestCode 228) in the Dry Ash Property Groups													Data units: Percent	
	SRB2105			SRB2106			SRB2107			SRB2108				
<b>Grand Median</b>	0.53			0.29			0.50			0.35				
<b>Median Abs Dev</b>	0.01			0.01			0.00			0.01				
<b>Avg Within Lab SD</b>	0.01			0.00			0.01			0.00				
<b>Labs Included</b>	5			5			5			5				
<b>Labs Reporting</b>	5			5			5			5				



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Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>28L7UU</b>	<b>0.98</b>	0.00	0.64	<b>0.50</b>	0.90	0.83	<b>0.05</b>	0.00	0.03	<b>0.01</b>	-0.05	0.01		
<b>6AGXFN</b>	<b>0.90</b>	-1.10	0.80	<b>0.39</b>	-1.13	0.46	<b>0.06</b>	0.33	0.66	<b>0.01</b>	0.32	0.16		
<b>99RYT2</b>	<b>1.07</b>	1.19	0.54	<b>0.50</b>	0.89	1.76	<b>0.15</b>	2.85	2.07	<b>0.06</b>	2.84	2.22		
<b>9N78QJ</b>	<b>1.00</b>	0.23	1.71	<b>0.45</b>	0.00	1.00	<b>0.05</b>	-0.02	0.52	<b>0.00</b>	-0.17	0.15		
<b>YNW8EX</b>	<b>0.92</b>	-0.86	0.85	<b>0.43</b>	-0.45	0.00	<b>0.05</b>	-0.18	0.09	<b>0.01</b>	0.00	0.08		

Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent	
	SRB2105			SRB2106			SRB2107			SRB2108				
<b>Grand Median</b>	0.98			0.45			0.054			0.007				
<b>Median Abs Dev</b>	0.06			0.05			0.006			0.003				
<b>Avg Within Lab SD</b>	0.02			0.01			0.011			0.007				
<b>Labs Included</b>	5			5			5			5				
<b>Labs Reporting</b>	5			5			5			5				



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AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg
WebCode	SRB2105			SRB2106			SRB2107			SRB2108
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>28L7UU</b>	<b>2,908.1</b>		0.41	<b>127.5</b>		0.04	<b>131.6</b>		0.02	<b>112.9</b> 0.05
<b>99RYT2</b>	<b>3,686.8</b>		1.10	<b>320.6</b>		1.73	<b>592.6</b>		1.73	<b>369.9</b> 1.71
<b>DVP2UH</b>	<b>2,777.5</b>		1.27	<b>125.5</b>		0.02	<b>131.3</b>		0.03	<b>108.6</b> 0.24
AI (SubTestCode 230) in the Dry Ash Property Groups										Data units: mg/kg
	SRB2105			SRB2106			SRB2107			SRB2108
<b>Grand Median</b>	2,908.1			127.5			131.6			112.9
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>	91.9			75.0			166.4			20.7
<b>Labs Included</b>	3			3			3			3
<b>Labs Reporting</b>	3			3			3			3



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B (SubTestCode 231) in the Dry Ash Property Groups													Data units: mg/kg
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
28L7UU	29.7	-0.03	0.03	50.8	1.44	0.17	21.9	0.00	0.01	13.6	-0.33	0.08	
4PETB4	26.4	-0.43	0.07	44.5	-0.32	0.29	20.6	-0.28	0.47	12.6	-0.61	0.23	
6AGXFN	30.2	0.03	0.03	45.7	0.00	0.12	23.1	0.24	0.60	16.6	0.47	0.13	
83RZZZ	40.3	1.25	0.30	46.5	0.23	2.11	28.7	1.41	2.42	16.8	0.51	0.73	
99RYT2	41.2	1.36	2.43	128.8	23.08X	53.29	61.9	8.33X	16.08	16.1	0.33	2.50	
9N78QJ	41.0	1.34		50.7	1.39	1.19	31.7	2.03	0.52	21.7	1.80	0.30	
DVP2UH	26.9	-0.37	0.03	44.5	-0.32	0.09	20.6	-0.29	0.17	12.7	-0.57	0.20	
YNW8EX	25.0	-0.60		42.0	-1.02		19.7	-0.48	0.52	12.0	-0.77		

B (SubTestCode 231) in the Dry Ash Property Groups					Data units: mg/kg
	SRB2105	SRB2106	SRB2107	SRB2108	
Grand Median	30.0	45.7	21.9	14.9	
Median Abs Dev	4.2	1.2	1.4	2.0	
Avg Within Lab SD	7.1	1.8	1.1	1.9	
Labs Included	8	7	7	8	
Labs Reporting	8	8	8	8	



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Zn (SubTestCode 232) in the Dry Ash Property Groups													Data units: mg/kg
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>28L7UU</b>	<b>30.5</b>	-1.10	0.68	<b>19.6</b>	-1.22	0.05	<b>31.8</b>	-1.84	0.38	<b>18.4</b>	-0.40	0.18	
<b>4PETB4</b>	<b>39.5</b>	0.29	0.77	<b>22.5</b>	-0.14	0.82	<b>40.4</b>	-0.01	2.01	<b>19.6</b>	0.21	1.50	
<b>6AGXFN</b>	<b>30.1</b>	-1.17	0.17	<b>23.3</b>	0.14	1.87	<b>40.5</b>	0.01	0.75	<b>17.4</b>	-0.94	1.32	
<b>99RYT2</b>	<b>46.5</b>	1.37	1.64	<b>25.4</b>	0.92	1.06	<b>44.4</b>	0.83	0.73	<b>22.4</b>	1.68	0.96	
<b>9N78QJ</b>	<b>38.0</b>	0.05	1.49	<b>26.3</b>	1.29	0.76	<b>45.3</b>	1.04	0.81	<b>20.3</b>	0.61	1.00	
<b>YNW8EX</b>	<b>37.3</b>	-0.05	0.15	<b>22.0</b>	-0.33	0.35	<b>38.9</b>	-0.32	0.21	<b>18.8</b>	-0.21	0.26	

  

Zn (SubTestCode 232) in the Dry Ash Property Groups					Data units: mg/kg
	SRB2105	SRB2106	SRB2107	SRB2108	
<b>Grand Median</b>	37.7	22.9	40.4	19.2	
<b>Median Abs Dev</b>	4.5	1.7	2.7	1.0	
<b>Avg Within Lab SD</b>	0.7	0.8	0.7	0.6	
<b>Labs Included</b>	6	6	6	6	
<b>Labs Reporting</b>	6	6	6	6	



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Mn (SubTestCode 233) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>28L7UU</b>	<b>97.7</b>	0.18	0.06	<b>19.9</b>	0.10	0.10	<b>72.2</b>	-0.07	0.02	<b>53.0</b>	0.56	0.38	
<b>4PETB4</b>	<b>98.5</b>	0.23	0.54	<b>15.5</b>	-1.55	0.54	<b>67.6</b>	-0.81	0.60	<b>46.5</b>	-1.20	1.57	
<b>6AGXFN</b>	<b>67.3</b>	-1.41	0.25	<b>22.1</b>	0.94	0.05	<b>73.0</b>	0.07	0.68	<b>50.9</b>	-0.02	0.09	
<b>99RYT2</b>	<b>126.6</b>	1.70	2.32	<b>22.0</b>	0.93	1.84	<b>86.9</b>	2.31	2.23	<b>56.7</b>	1.54	1.04	
<b>9N78QJ</b>	<b>87.7</b>	-0.34	0.35	<b>19.3</b>	-0.10	1.14	<b>76.0</b>	0.54	0.43	<b>48.3</b>	-0.70	1.51	
<b>YNW8EX</b>	<b>90.7</b>	-0.18	0.35	<b>18.5</b>	-0.42		<b>71.1</b>	-0.25	0.11	<b>51.0</b>	0.02	0.15	

Mn (SubTestCode 233) in the Dry Ash Property Groups												Data units: mg/kg	
	SRB2105			SRB2106			SRB2107			SRB2108			
<b>Grand Median</b>	94.2			19.6			72.6			51.0			
<b>Median Abs Dev</b>	5.4			1.8			2.4			2.3			
<b>Avg Within Lab SD</b>	1.6			1.0			2.3			1.0			
<b>Labs Included</b>	6			6			6			6			
<b>Labs Reporting</b>	6			6			6			6			



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Fe (SubTestCode 234) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>28L7UU</b>	<b>2,678.3</b>	0.25	0.22	<b>102.8</b>	-0.09	0.08	<b>140.0</b>	-0.26	0.01	<b>160.3</b>	0.05	0.04	
<b>4PETB4</b>	<b>2,446.7</b>	-0.06	1.16	<b>243.6</b>	1.50	0.24	<b>291.6</b>	0.80	0.11	<b>377.1</b>	1.74	0.62	
<b>6AGXFN</b>	<b>1,707.0</b>	-1.05	1.51	<b>102.0</b>	-0.10	0.16	<b>190.5</b>	0.10	0.03	<b>130.3</b>	-0.18	0.43	
<b>99RYT2</b>	<b>3,992.6</b>	2.00	1.35	<b>289.7</b>	2.03	2.43	<b>543.5</b>	2.57	2.45	<b>403.0</b>	1.95	2.33	
<b>9N78QJ</b>	<b>2,036.7</b>	-0.61	0.55	<b>119.3</b>	0.09	0.02	<b>163.3</b>	-0.10	0.03	<b>147.3</b>	-0.05	0.09	
<b>YNW8EX</b>	<b>2,543.3</b>	0.06	0.43	<b>91.3</b>	-0.22	0.02	<b>145.0</b>	-0.22	0.02	<b>144.7</b>	-0.07	0.03	

Fe (SubTestCode 234) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2105	SRB2106	SRB2107	SRB2108		
<b>Grand Median</b>	2,495.0	111.1	176.9	153.8		
<b>Median Abs Dev</b>	320.8	14.4	34.4	16.3		
<b>Avg Within Lab SD</b>	112.2	33.0	89.7	17.1		
<b>Labs Included</b>	6	6	6	6		
<b>Labs Reporting</b>	6	6	6	6		





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Cu (SubTestCode 235) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>28L7UU</b>	<b>15.3</b>	-0.28	0.56	<b>17.6</b>	0.09	0.44	<b>10.2</b>	-0.31	0.20	<b>11.2</b>	0.24	1.05	
<b>4PETB4</b>	<b>16.3</b>	0.40	1.02	<b>17.3</b>	-0.09	0.81	<b>11.3</b>	0.82	0.57	<b>14.1</b>	0.92	0.52	
<b>6AGXFN</b>	<b>14.7</b>	-0.68	0.92	<b>15.5</b>	-1.28	0.10	<b>10.7</b>	0.18	1.32	<b>5.8</b>	-1.04	0.23	
<b>99RYT2</b>	<b>18.9</b>	2.06	0.60	<b>19.0</b>	1.05	2.19	<b>12.6</b>	2.20	1.82	<b>13.3</b>	0.72	0.48	
<b>9N78QJ</b>	<b>16.1</b>	0.28	1.81	<b>18.6</b>	0.73	0.55	<b>10.2</b>	-0.36	0.73	<b>6.4</b>	-0.89	1.55	
<b>YNW8EX</b>	<b>15.2</b>	-0.35	0.41	<b>16.3</b>	-0.80	0.22	<b>10.3</b>	-0.18	0.21	<b>9.2</b>	-0.24	1.39	

Cu (SubTestCode 235) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2105		SRB2106		SRB2107	
<b>Grand Median</b>	15.7		17.5		10.5	
<b>Median Abs Dev</b>	0.6		1.2		0.3	
<b>Avg Within Lab SD</b>	0.5		0.7		0.6	
<b>Labs Included</b>	6		6		6	
<b>Labs Reporting</b>	6		6		6	



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Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg	
SRB2105			SRB2106			SRB2107			SRB2108		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
28L7UU	1.05		1.00	1.40		1.00	0.41		1.00	0.84	1.00

Mo (SubTestCode 236) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2105		SRB2106		SRB2107	SRB2108
Grand Median		1.05		1.40	0.41	0.84
Median Abs Dev						
Avg Within Lab SD		0.01		0.01	0.01	0.01
Labs Included		1		1	1	1
Labs Reporting		1		1	1	1



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As (SubTestCode 237) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>6NDCDW</b>	<b>0.379</b>	0.86	1.51	<b>0.069</b>	0.05	0.57	<b>0.145</b>	-0.06	0.84	<b>0.131</b>	-0.09	0.66	
<b>ABWQHT</b>	<b>0.255</b>	0.07	0.47	<b>0.056</b>	-0.05	0.07	<b>0.160</b>	0.06	0.26	<b>0.153</b>	0.14	0.41	
<b>AQR98R</b>	<b>0.203</b>	-0.26	0.15	<b>0.040</b>	-0.15	0.00	<b>0.140</b>	-0.10	0.00	<b>0.140</b>	0.01	0.00	
<b>ECDUVV</b>	<b>0.232</b>	-0.07	0.14	<b>0.043</b>	-0.13	0.09	<b>0.142</b>	-0.08	0.08	<b>0.139</b>	-0.01	0.08	
<b>K9F4CC</b>	<b>0.617</b>	2.37	1.84	<b>0.537</b>	3.20	2.00	<b>0.403</b>	1.98	0.75	<b>0.490</b>	3.58	2.04	
<b>KXWRYE</b>	<b>5.650</b>	34.40X		<b>5.590</b>	37.26X		<b>5.030</b>	38.43X		<b>5.840</b>	58.16X		
<b>ULP4ZE</b>	<b>2.397</b>	13.70X	1.21	<b>1.407</b>	9.06X	2.76	<b>1.560</b>	11.09X	1.64	<b>1.023</b>	9.02X	2.35	
<b>Y72BLH</b>	<b>0.180</b>	-0.41	0.26	<b>0.133</b>	0.48	1.28	<b>0.377</b>	1.77	2.16	<b>0.117</b>	-0.23	1.11	

As (SubTestCode 237) in the Heavy Metals Property Groups					Data units: mg/kg			
	SRB2105		SRB2106		SRB2107		SRB2108	
<b>Grand Median</b>	0.24		0.063		0.15		0.14	
<b>Median Abs Dev</b>	0.05		0.021		0.01		0.01	
<b>Avg Within Lab SD</b>	0.04		0.045		0.03		0.03	
<b>Labs Included</b>	6		6		6		6	
<b>Labs Reporting</b>	8		8		8		8	



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Ba (SubTestCode 238) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>ABWQHT</b>	<b>17.4</b>	-0.25	1.68	<b>17.3</b>	-0.18	1.61	<b>43.1</b>	-0.34	0.47	<b>6.2</b>	-0.60	2.03	
<b>AQR98R</b>	<b>18.0</b>	0.05	1.32	<b>18.4</b>	0.53	0.33	<b>49.2</b>	0.85	2.15	<b>6.4</b>	-0.33	0.71	
<b>CAU3RT</b>	<b>17.8</b>	-0.05	0.19	<b>18.5</b>	0.64	0.14	<b>45.3</b>	0.09	0.34	<b>6.8</b>	0.20	0.45	
<b>ECDUVV</b>	<b>18.0</b>	0.05	0.68	<b>17.6</b>	0.00	0.38	<b>44.4</b>	-0.09	0.78	<b>6.7</b>	0.04	1.11	
<b>K9F4CC</b>	<b>17.2</b>	-0.32	0.62	<b>17.2</b>	-0.25	1.66	<b>40.5</b>	-0.85	0.93	<b>6.6</b>	-0.04	0.50	
<b>KXWRYE</b>	<b>21.0</b>	1.42		<b>27.8</b>	7.03X		<b>51.7</b>	1.35		<b>7.9</b>	1.82		
<b>ULP4ZE</b>	<b>14.4</b>	-1.66	0.31	<b>15.3</b>	-1.58	1.12	<b>37.5</b>	-1.45	0.20	<b>5.8</b>	-1.21	0.75	
<b>Y72BLH</b>	<b>21.4</b>	1.60	1.21	<b>19.8</b>	1.54	0.33	<b>46.7</b>	0.38	0.72	<b>7.5</b>	1.17	0.38	

Ba (SubTestCode 238) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2105		SRB2106		SRB2107	SRB2108
<b>Grand Median</b>	17.9		17.6		44.8	6.64
<b>Median Abs Dev</b>	0.6		0.8		3.1	0.33
<b>Avg Within Lab SD</b>	0.4		0.5		1.3	0.08
<b>Labs Included</b>	8		7		8	8
<b>Labs Reporting</b>	8		8		8	8



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Cd (SubTestCode 239) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>6NDCDW</b>	<b>0.106</b>	0.77	0.24	<b>0.060</b>	0.23	0.75	<b>0.803</b>	0.61	0.23	<b>0.076</b>	0.21	0.27	
<b>ABWQHT</b>	<b>0.075</b>	-0.16	0.32	<b>0.051</b>	-0.10	1.03	<b>0.751</b>	0.00	0.19	<b>0.066</b>	-0.15	0.24	
<b>AQR98R</b>	<b>0.080</b>	0.00	0.00	<b>0.057</b>	0.10	1.34	<b>0.770</b>	0.23	0.70	<b>0.070</b>	0.00	0.00	
<b>CAU3RT</b>	<b>0.071</b>	-0.26	2.68	<b>0.034</b>	-0.72	1.29	<b>0.815</b>	0.75	2.59	<b>0.076</b>	0.20	2.58	
<b>ECDUVV</b>	<b>0.068</b>	-0.35	0.24	<b>0.046</b>	-0.28	0.30	<b>0.660</b>	-1.06	0.44	<b>0.062</b>	-0.29	0.16	
<b>K9F4CC</b>	<b>0.117</b>	1.08	0.53	<b>0.243</b>	6.86X	57.74	<b>0.680</b>	-0.82	0.35	<b>0.110</b>	1.39	0.77	
<b>KXWRYE</b>	<b>0.110</b>	0.89		<b>0.110</b>	2.03		<b>0.830</b>	0.92		<b>0.120</b>	1.74		
<b>ULP4ZE</b>	<b>0.107</b>	0.79	0.53	<b>0.063</b>	0.34	1.34	<b>0.707</b>	-0.51	0.53	<b>0.060</b>	-0.35	0.77	
<b>Y72BLH</b>	<b>0.020</b>	-1.78	0.00	<b>0.010</b>	-1.59	0.00	<b>0.650</b>	-1.17	0.35	<b>0.020</b>	-1.74	0.00	

Cd (SubTestCode 239) in the Heavy Metals Property Groups													Data units: mg/kg
	SRB2105			SRB2106			SRB2107			SRB2108			
<b>Grand Median</b>	0.080			0.054			0.75			0.070			
<b>Median Abs Dev</b>	0.026			0.009			0.06			0.008			
<b>Avg Within Lab SD</b>	0.011			0.004			0.03			0.013			
<b>Labs Included</b>	9			8			9			9			
<b>Labs Reporting</b>	9			9			9			9			



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Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>2NQD9W</b>	<b>3.24</b>	2.24	2.80	<b>0.85</b>	3.37X	6.98	<b>3.56</b>	22.64X	27.68	<b>0.19</b>	0.81	2.61	
<b>6MJMA4</b>	<b>1.71</b>	0.02	0.72	<b>0.33</b>	-0.99	1.32	<b>0.42</b>	-0.66	0.20	<b>0.10</b>	-0.96	0.89	
<b>ABWQHT</b>	<b>1.71</b>	0.02	0.37	<b>0.46</b>	0.10	0.63	<b>0.68</b>	1.28	2.61	<b>0.16</b>	0.16	0.05	
<b>AQR98R</b>	<b>1.69</b>	-0.02	0.51	<b>0.44</b>	-0.02	0.37	<b>0.50</b>	-0.05	0.08	<b>0.17</b>	0.30	0.11	
<b>CAU3RT</b>	<b>1.61</b>	-0.12	0.37	<b>0.53</b>	0.71	0.76	<b>0.51</b>	0.00	1.03	<b>0.18</b>	0.53	1.40	
<b>ECDUVV</b>	<b>1.61</b>	-0.14	0.10	<b>0.45</b>	0.02	0.63				<b>0.14</b>	-0.15	0.08	
<b>K9F4CC</b>	<b>0.35</b>	-1.96	0.10	<b>0.26</b>	-1.51	0.37	<b>0.30</b>	-1.55	0.05	<b>0.06</b>	-1.68	0.57	
<b>KXWRYE</b>	<b>2.12</b>	0.61		<b>0.54</b>	0.78		<b>0.56</b>	0.40		<b>0.15</b>	0.00		
<b>ULP4ZE</b>	<b>1.31</b>	-0.56	0.14	<b>0.20</b>	-2.01	2.21	<b>0.28</b>	-1.65	0.09	<b>0.09</b>	-1.08	0.00	
<b>WV4ZVV</b>	<b>20.57</b>	27.38X	0.75	<b>0.47</b>	0.20	0.86	<b>0.53</b>	0.20	0.20	<b>0.19</b>	0.72	0.20	
<b>Y72BLH</b>	<b>2.43</b>	1.05	0.22	<b>0.40</b>	-0.41	0.14	<b>0.54</b>	0.27	0.19	<b>0.09</b>	-1.02	0.23	

Co (SubTestCode 240) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2105	SRB2106	SRB2107	SRB2108		
<b>Grand Median</b>	1.70	0.45	0.51	0.15		
<b>Median Abs Dev</b>	0.24	0.07	0.05	0.04		
<b>Avg Within Lab SD</b>	0.20	0.04	0.12	0.05		
<b>Labs Included</b>	10	10	9	11		
<b>Labs Reporting</b>	11	11	10	11		



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Ni (SubTestCode 241) in the Heavy Metals Property Groups													Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
<b>2NQD9W</b>	<b>6.13</b>	1.89	2.24	<b>1.26</b>	2.03	2.38	<b>1.93</b>	4.43X	4.50	<b>2.25</b>	2.43	2.89		
<b>6NDCDW</b>	<b>5.38</b>	1.12	0.25	<b>0.62</b>	0.01	0.14	<b>1.33</b>	1.44	0.37	<b>1.43</b>	0.01	0.18		
<b>ABWQHT</b>	<b>4.25</b>	-0.02	0.24	<b>0.60</b>	-0.05	0.09	<b>1.17</b>	0.67	0.50	<b>1.40</b>	-0.07	0.13		
<b>AQR98R</b>	<b>5.19</b>	0.94	0.58	<b>1.61</b>	3.10	0.40	<b>1.35</b>	1.53	0.36	<b>1.68</b>	0.76	0.34		
<b>CAU3RT</b>	<b>3.99</b>	-0.28	0.16	<b>0.38</b>	-0.73	0.87	<b>1.02</b>	-0.09	2.41	<b>1.42</b>	-0.01	0.27		
<b>ECDUVV</b>	<b>4.10</b>	-0.17	0.01	<b>0.60</b>	-0.04	0.31	<b>1.02</b>	-0.08	0.08	<b>1.31</b>	-0.34	0.13		
<b>K9F4CC</b>	<b>4.29</b>	0.02	1.87	<b>0.61</b>	-0.01	1.38	<b>0.88</b>	-0.78	1.19	<b>1.20</b>	-0.65	0.62		
<b>KXWRYE</b>	<b>3.95</b>	-0.32		<b>0.68</b>	0.21		<b>1.04</b>	0.00		<b>1.75</b>	0.96			
<b>ULP4ZE</b>	<b>3.15</b>	-1.13	0.07	<b>0.50</b>	-0.37	0.62	<b>0.92</b>	-0.60	0.37	<b>1.14</b>	-0.82	0.18		
<b>Y72BLH</b>	<b>5.10</b>	0.85	0.16	<b>0.68</b>	0.20	0.14	<b>1.22</b>	0.88	0.29	<b>1.66</b>	0.69	0.05		

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2105		SRB2106		SRB2107	
<b>Grand Median</b>	4.27		0.61		1.04	
<b>Median Abs Dev</b>	0.58		0.06		0.13	
<b>Avg Within Lab SD</b>	0.62		0.16		0.14	
<b>Labs Included</b>	10		10		9	
<b>Labs Reporting</b>	10		10		10	



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Pb (SubTestCode 242) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>6NDCDW</b>	<b>0.79</b>	-1.10	0.20	<b>0.16</b>	-0.02	0.21	<b>2.29</b>	0.45	1.13	<b>0.16</b>	0.00	0.58	
<b>ABWQHT</b>	<b>1.02</b>	0.15	0.51	<b>0.08</b>	-0.36	0.08	<b>2.12</b>	-0.05	0.62	<b>0.14</b>	-0.17	0.07	
<b>AQR98R</b>	<b>1.01</b>	0.12	0.57	<b>0.08</b>	-0.37	0.00	<b>2.14</b>	0.00	0.99	<b>0.13</b>	-0.21	0.16	
<b>CAU3RT</b>	<b>1.25</b>	1.50	2.23	<b>0.80</b>	2.72	2.44	<b>2.85</b>	2.11	1.89	<b>0.43</b>	2.33		
<b>ECDUVV</b>	<b>0.97</b>	-0.12	0.32	<b>0.08</b>	-0.36	0.06	<b>2.05</b>	-0.25	0.71	<b>0.13</b>	-0.22	0.10	
<b>K9F4CC</b>	<b>0.94</b>	-0.26	0.59	<b>0.20</b>	0.16	0.57	<b>1.74</b>	-1.18	0.41	<b>0.21</b>	0.49	1.81	
<b>KXWRYE</b>	<b>0.86</b>	-0.72		<b>0.26</b>	0.40		<b>1.95</b>	-0.56		<b>0.26</b>	0.89		
<b>ULP4ZE</b>	<b>2.73</b>	9.82X	1.47	<b>0.56</b>	1.68	1.22	<b>2.53</b>	1.18	0.41	<b>0.24</b>	0.75	1.77	
<b>Y72BLH</b>	<b>1.24</b>	1.43	0.97	<b>0.17</b>	0.00	0.41	<b>2.23</b>	0.29	0.98	<b>0.04</b>	-1.01	0.48	

Pb (SubTestCode 242) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2105	SRB2106	SRB2107	SRB2108	
<b>Grand Median</b>	0.99	0.17	2.14	0.16	
<b>Median Abs Dev</b>	0.09	0.08	0.15	0.06	
<b>Avg Within Lab SD</b>	0.09	0.06	0.21	0.04	
<b>Labs Included</b>	8	9	9	9	
<b>Labs Reporting</b>	9	9	9	9	





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Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2105			SRB2106			SRB2107			SRB2108			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>ABWQHT</b>	<b>91.5</b>	-0.58	1.64	<b>167.0</b>	-0.32	1.67	<b>49.0</b>	-0.69	0.39	<b>12.6</b>	-1.04	1.15	
<b>AQR98R</b>	<b>101.3</b>	1.17	1.96	<b>187.0</b>	0.47	0.86	<b>54.9</b>	0.54	2.34	<b>14.3</b>	0.21	0.32	
<b>CAU3RT</b>	<b>99.4</b>	0.82	0.10	<b>189.2</b>	0.56	0.20	<b>54.1</b>	0.37	0.48	<b>14.6</b>	0.43	0.19	
<b>ECDUVV</b>	<b>95.3</b>	0.08	0.50	<b>172.3</b>	-0.11	1.46	<b>52.8</b>	0.11	0.77	<b>15.3</b>	0.91	2.25	
<b>K9F4CC</b>	<b>90.9</b>	-0.70	0.21	<b>167.8</b>	-0.29	0.95	<b>45.0</b>	-1.51	0.26	<b>12.6</b>	-1.00	0.33	
<b>KXWRYE</b>	<b>94.3</b>	-0.08		<b>251.3</b>	3.04		<b>56.5</b>	0.89		<b>15.1</b>	0.77		
<b>ULP4ZE</b>	<b>84.4</b>	-1.87	0.40	<b>162.8</b>	-0.49	0.35	<b>46.7</b>	-1.17	0.24	<b>12.9</b>	-0.83	0.54	
<b>WV4ZVV</b>	<b>95.3</b>	0.09	0.07	<b>177.9</b>	0.11	0.54	<b>51.7</b>	-0.11	0.65	<b>13.7</b>	-0.21	0.30	
<b>Y72BLH</b>	<b>21.0</b>	-13.21X		<b>39.0</b>	-5.42X		<b>11.0</b>	-8.61X		<b>3.3</b>	-7.85X	0.00	

Sr (SubTestCode 243) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2105	SRB2106	SRB2107	SRB2108		
<b>Grand Median</b>	94.8	175.1	52.3	14.0		
<b>Median Abs Dev</b>	3.6	10.0	3.0	1.1		
<b>Avg Within Lab SD</b>	1.8	4.2	0.9	0.3		
<b>Labs Included</b>	8	8	8	8		
<b>Labs Reporting</b>	9	9	9	9		





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PH (SubTestCode 301)											Data units:
WebCode	SRW2104			SRW2105			SRW2106				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
44AAZ2	8.36	0.04	0.64	8.09	-0.18	1.00	8.40	0.33	0.65		
63XXV6	8.68	3.42	0.39	8.64	2.97	0.16	8.53	1.47	0.18		
9N78QJ	8.31	-0.58	1.63	8.11	-0.09	0.85	8.29	-0.56	2.05		
CAU3RT	8.43	0.76	0.67	8.22	0.58	0.16	8.48	1.06	0.18		
CL8ZYH	8.36	0.00	1.34	8.23	0.64	1.05	8.29	-0.58	0.79		
DVP2UH	8.28	-0.83	0.15	7.90	-1.25	1.31	8.30	-0.50	1.27		
FQ9BLT	8.32	-0.43		8.07	-0.29		8.32	-0.31			
FZCVGU	8.07	-3.13X	0.44	7.84	-1.61	0.83	8.24	-0.97	0.63		
FZDHZT	8.32	-0.40	2.57	8.14	0.10	1.44	8.27	-0.69	2.91		
GCPCQC	8.37	0.11	0.25	8.14	0.09	0.70	8.39	0.31	0.65		
J78RVB	8.30	-0.65	0.00	8.07	-0.31	1.60	8.30	-0.47	0.00		
LURJ89	8.38	0.25	1.44	8.16	0.20	1.05	8.45	0.78	0.31		
Q3N624	8.49	1.44	0.96	8.38	1.47	0.48	8.42	0.53	0.31		
RHVNCZ	8.37	0.14	0.64	8.09	-0.20	1.53	8.42	0.50	0.36		
UVFMF8	8.39	0.28	0.31	8.34	1.22	0.16	8.17	-1.58	0.05		
W9FZUB	8.31	-0.58	0.53	8.10	-0.14	1.67	8.41	0.47	0.65		
WLEA94	8.31	-0.50	0.29	8.17	0.28	0.28	8.39	0.31	0.18		
Y72BLH	8.26	-1.08	0.00	8.03	-0.52	0.00	8.27	-0.72	0.00		

PH (SubTestCode 301)											Data units:
	SRW2104			SRW2105			SRW2106				
Grand Median	8.36			8.12			8.36				
Median Abs Dev	0.05			0.05			0.07				
Avg Within Lab SD	0.04			0.04			0.03				
Labs Included	17			18			18				
Labs Reporting	18			18			18				



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EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW2104			SRW2105			SRW2106		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
44AAZ2	0.55	-1.00	0.74	0.76	-0.77	0.58	0.83	-1.04	1.10
63XXV6	0.57	-0.01	0.29	0.79	0.32	0.06	0.87	0.57	0.01
9N78QJ	0.57	0.20	1.47	0.78	-0.15	1.54	0.86	0.17	0.64
CAU3RT	0.57	0.02	0.15	0.79	0.29	0.15	0.85	-0.05	0.38
CL8ZYH	0.61	2.27X	2.23	0.80	0.92	0.56	0.87	0.83	0.73
DVP2UH	0.58	0.60	0.00	0.80	0.77	0.58	0.86	0.17	0.64
FQ9BLT	0.57	-0.01		0.79	0.33		0.85	0.00	
FZCVGU	0.56	-0.78	0.44	0.76	-0.81	1.14	0.83	-1.25	0.42
FZDHZT	0.54	-1.59	2.70	0.75	-1.38	2.75	0.81	-1.89	3.16
GCPCQC	0.60	1.65	0.60	0.82	1.72	1.02	0.89	1.72	0.79
J78RVB	0.58	0.58	0.19	0.79	0.54	0.25	0.85	0.08	0.39
Q3N624	0.57	0.20	0.74	0.78	0.00	1.01	0.84	-0.44	0.64
RHVNCZ	0.57	0.18	0.00	0.79	0.44	0.06	0.85	0.06	0.06
UVFMF8	0.57	0.01	0.03	0.78	-0.06	0.03	0.86	0.24	0.04
W9FZUB	0.55	-1.23	1.79	0.77	-0.63	1.27	0.84	-0.44	0.84
WLEA94	0.54	-1.99	0.74	0.74	-1.84	0.00	0.81	-1.95	1.10
Y72BLH	0.56	-0.76	0.07	0.77	-0.49	0.06	0.84	-0.59	0.00

EC (SubTestCode 302)

Data units: dS/m

	SRW2104	SRW2105	SRW2106
Grand Median	0.57	0.78	0.85
Median Abs Dev	0.01	0.01	0.01
Avg Within Lab SD	0.01	0.01	0.01
Labs Included	16	17	17
Labs Reporting	17	17	17



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

Ca (SubTestCode 303) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2104			SRW2105			SRW2106			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
44AAZ2	3.61	-0.80	0.21	5.05	-1.53	0.24	2.61	-1.21	0.19	
9N78QJ	3.33	-1.76	0.39	5.10	-1.39	0.96	2.90	0.45	1.08	
CAU3RT	3.92	0.26	0.06	5.57	0.03	0.14	2.80	-0.10	0.05	
DVP2UH	3.87	0.09	1.13	5.71	0.45	1.12	2.77	-0.31	0.50	
FQ9BLT	3.94	0.31	0.16	5.63	0.19	0.57	2.84	0.10	0.11	
FZCVGU	3.88	0.10	0.19	5.46	-0.31	0.24	2.73	-0.55	0.19	
FZDHZT	4.25	1.37	0.48	6.05	1.46	0.47	3.08	1.47	0.28	
GCPCQC	3.66	-0.63	2.66	5.56	-0.01	2.54	3.09	1.58	3.27	
J78RVB	2.77	-3.69X	4.33	3.77	-5.38X	2.80	2.07	-4.35X	2.50	
LURJ89	4.13	0.98	1.18	5.81	0.74	1.28	3.00	1.05	0.74	
Q3N624	3.68	-0.58	1.09	5.39	-0.53	1.17	2.67	-0.90	0.35	
RHVNCZ	4.05	0.70	0.95	5.84	0.83	0.50	2.87	0.28	0.39	
UVFMF8	3.43	-1.43	0.84	5.00	-1.69	0.98	2.72	-0.61	0.87	
WLEA94	3.75	-0.34	0.99	5.47	-0.27	0.68	2.71	-0.65	0.39	
Y72BLH	3.82	-0.09	0.04	5.57	0.01	0.05	2.85	0.18	0.15	

Ca (SubTestCode 303) in the Cations Property Groups										Data units: mmolc/L
	SRW2104			SRW2105			SRW2106			
Grand Median	3.85			5.56			2.82			
Median Abs Dev	0.18			0.16			0.10			
Avg Within Lab SD	0.15			0.21			0.16			
Labs Included	14			14			14			
Labs Reporting	15			15			15			



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Mg (SubTestCode 304) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2104			SRW2105			SRW2106			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
44AAZ2	1.33	-0.61	0.49	2.72	-0.77	0.45	2.12	-0.69	0.55	
9N78QJ	1.23	-1.32	1.35	2.67	-0.96	0.64	2.10	-0.78	1.72	
CAU3RT	1.42	0.02	0.12	2.95	0.00	0.10	2.24	-0.07	0.14	
DVP2UH	1.42	0.00	0.10	3.01	0.22	0.23	2.24	-0.06	0.09	
FQ9BLT	1.41	-0.05	0.16	2.91	-0.14	0.71	2.25	0.00	0.21	
FZCVGU	1.40	-0.16	0.19	2.89	-0.21	0.44	2.21	-0.20	0.43	
FZDHZT	1.52	0.74	1.10	3.17	0.74	0.36	2.40	0.79	0.65	
GCPCQC	1.46	0.26	1.30	3.06	0.38	2.66	2.47	1.15	1.10	
J78RVB	1.10	-2.25	1.98	2.20	-2.55	1.33	1.81	-2.26	2.09	
LURJ89	1.49	0.51	1.23	2.98	0.12	1.41	2.29	0.20	1.35	
Q3N624	1.46	0.27	1.05	3.02	0.24	0.87	2.27	0.08	0.36	
RHVNCZ	1.48	0.44	1.21	3.12	0.59	1.09	2.31	0.31	1.58	
UVFMF8	1.13	-2.06	1.13	2.35	-2.04	0.80	1.77	-2.50	0.97	
WLEA94	1.56	1.01	0.81	3.26	1.06	0.33	2.40	0.77	0.30	
Y72BLH	1.36	-0.43	0.14	2.92	-0.10	0.10	2.30	0.26	0.10	

Mg (SubTestCode 304) in the Cations Property Groups										Data units: mmolc/L
	SRW2104			SRW2105			SRW2106			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	1.42			2.95			2.25			
Median Abs Dev	0.06			0.11			0.06			
Avg Within Lab SD	0.04			0.09			0.06			
Labs Included	15			15			15			
Labs Reporting	15			15			15			



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

Na (SubTestCode 305) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2104			SRW2105			SRW2106			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
44AAZ2	1.20	-0.27	0.18	0.58	-0.28	0.66	3.89	-0.39	0.20	
63XXV6	1.27	0.38	0.35	0.66	1.17	0.50	4.45	1.39	1.11	
9N78QJ	1.10	-1.16	0.00	0.53	-1.26	2.50	3.70	-0.97	0.62	
CAU3RT	1.21	-0.12	0.12	0.60	0.00	0.10	3.94	-0.22	0.08	
DVP2UH	1.20	-0.21	0.24	0.58	-0.37	0.18	4.02	0.03	0.10	
FQ9BLT	1.24	0.12	0.59	0.60	0.13	0.19	4.00	-0.03	0.07	
FZCVGU	1.20	-0.24	0.27	0.57	-0.46	0.27	3.97	-0.12	0.24	
FZDHZT	1.31	0.81	1.15	0.61	0.25	0.75	4.34	1.03	0.53	
GCPCQC	1.42	1.81	1.08	0.77	3.50X	2.68	4.54	1.66	3.27	
J78RVB	0.98	-2.24	1.63	0.47	-2.50	0.71	3.30	-2.24	0.88	
LURJ89	1.25	0.19	1.96	0.62	0.43	1.68	3.95	-0.19	0.83	
Q3N624	1.24	0.16	0.63	0.61	0.18	0.90	4.13	0.37	0.00	
RHVNCZ	1.27	0.41	2.13	0.59	-0.14	0.87	4.17	0.49	1.00	
UVFMF8	0.96	-2.48	0.75	0.47	-2.55	1.28	3.65	-1.14	0.83	
WLEA94	1.24	0.10	0.93	0.61	0.18	0.90	4.16	0.48	0.34	
Y72BLH	1.21	-0.10	0.05	0.61	0.20	0.07	4.03	0.05	0.22	

Na (SubTestCode 305) in the Cations Property Groups										Data units: mmolc/L
	SRW2104			SRW2105			SRW2106			
Grand Median	1.23			0.60			4.01			
Median Abs Dev	0.03			0.01			0.14			
Avg Within Lab SD	0.03			0.02			0.16			
Labs Included	16			15			16			
Labs Reporting	16			16			16			



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

### K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2104			SRW2105			SRW2106		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
44AAZ2	0.103	-0.58	1.13	0.070	-0.12	0.00	0.163	-0.87	0.63
63XXV6	0.109	0.26	0.41	0.074	0.35	0.36	0.182	1.29	0.06
CAU3RT	0.107	0.05	0.11	0.071	0.00	0.00	0.171	0.00	0.11
DVP2UH	0.085	-3.42X	0.29	0.049	-2.56	0.29	0.154	-1.90	0.11
FQ9BLT	0.102	-0.73	0.27	0.069	-0.21	0.15	0.173	0.23	0.26
FZCVGU	0.110	0.47	0.20	0.072	0.12	0.21	0.170	-0.08	0.17
FZDHZT	0.080	-4.26X	1.96	0.043	-3.22X	1.20	0.143	-3.14X	0.63
GCPCQC	0.103	-0.63	1.72	0.073	0.19	2.23	0.172	0.12	1.16
J78RVB	0.120	2.00	0.93	0.095	2.75	1.57	0.158	-1.51	2.87
LURJ89	0.111	0.68	0.93	0.077	0.66	1.46	0.175	0.42	0.65
Q3N624	0.100	-1.10	1.96	0.063	-0.89	1.20	0.160	-1.25	1.08
UVFMF8	0.104	-0.53	0.72	0.069	-0.22	0.43	0.170	-0.16	0.93
WLEA94	0.107	-0.05	1.13	0.067	-0.50	1.20	0.173	0.26	0.63
Y72BLH	0.113	1.00	0.30	0.073	0.19	0.24	0.177	0.68	0.22

### K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

	SRW2104	SRW2105	SRW2106
Grand Median	0.11	0.071	0.17
Median Abs Dev	0.00	0.002	0.00
Avg Within Lab SD	0.01	0.005	0.01
Labs Included	12	13	13
Labs Reporting	14	14	14





## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

**NH4-N (SubTestCode 307) in the Cations Property Groups** **Data units: mmolc/L**

WebCode	SRW2104			SRW2105			SRW2106		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>GCPCQC</b>	<b>0.001</b>		0.00	<b>0.001</b>		0.00	<b>0.002</b>		1.73
<b>WLEA94</b>	<b>0.010</b>		0.00	<b>0.010</b>		0.00	<b>0.010</b>		0.00
<b>Y72BLH</b>	<b>0.002</b>		1.73	<b>0.012</b>		1.73	<b>0.001</b>		0.00

**NH4-N (SubTestCode 307) in the Cations Property Groups** **Data units: mmolc/L**

	SRW2104	SRW2105	SRW2106
<b>Grand Median</b>	0.002	0.010	0.002
<b>Median Abs Dev</b>			
<b>Avg Within Lab SD</b>	0.000	0.000	0.000
<b>Labs Included</b>	3	3	3
<b>Labs Reporting</b>	3	3	3



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2104			SRW2105			SRW2106			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>44AAZ2</b>	<b>6.25</b>	-2.06	0.35	<b>8.43</b>	-2.36	0.24	<b>8.78</b>	-1.20	0.70	
<b>DVP2UH</b>	<b>6.58</b>	0.00	0.90	<b>9.35</b>	0.45	1.10	<b>9.18</b>	-0.21	0.70	
<b>FQ9BLT</b>	<b>6.69</b>	0.70	0.28	<b>9.21</b>	0.00	0.91	<b>9.27</b>	0.00	0.29	
<b>GCPCQC</b>	<b>6.64</b>	0.40	1.94	<b>9.47</b>	0.79	1.27	<b>10.28</b>	2.51	2.15	
<b>Q3N624</b>	<b>6.48</b>	-0.63	1.29	<b>9.08</b>	-0.40	1.70	<b>9.22</b>	-0.10	0.94	
<b>WLEA94</b>	<b>6.66</b>	0.51	0.74	<b>9.42</b>	0.63	0.63	<b>9.46</b>	0.47	0.52	
<b>Y72BLH</b>	<b>6.51</b>	-0.42	0.05	<b>9.18</b>	-0.09	0.02	<b>9.36</b>	0.23	0.38	

Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
	SRW2104			SRW2105			SRW2106			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>Grand Median</b>	6.58			9.21			9.27			
<b>Median Abs Dev</b>	0.08			0.15			0.09			
<b>Avg Within Lab SD</b>	0.17			0.21			0.09			
<b>Labs Included</b>	7			7			7			
<b>Labs Reporting</b>	7			7			7			



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

### SAR (SubTestCode 309) in the Cations Property Groups

Data units:

WebCode	SRW2104			SRW2105			SRW2106		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>44AAZ2</b>	<b>0.76</b>	0.25	0.58	<b>0.29</b>	0.00	1.28	<b>2.53</b>	0.00	0.00
<b>9N78QJ</b>	<b>0.70</b>	-2.31	0.00	<b>0.30</b>	2.05	0.00	<b>2.33</b>	-1.71	1.68
<b>FQ9BLT</b>	<b>0.76</b>	0.00	0.99	<b>0.29</b>	-0.30	0.34	<b>2.51</b>	-0.19	0.39
<b>Q3N624</b>	<b>0.78</b>	0.79	1.16	<b>0.30</b>	1.03	1.28	<b>2.63</b>	0.87	0.50
<b>WLEA94</b>	<b>0.76</b>	-0.02	1.53	<b>0.29</b>	0.00	1.28	<b>2.60</b>	0.61	1.33

### SAR (SubTestCode 309) in the Cations Property Groups

Data units:

	SRW2104	SRW2105	SRW2106
<b>Grand Median</b>	0.76	0.29	2.53
<b>Median Abs Dev</b>	0.01	0.00	0.07
<b>Avg Within Lab SD</b>	0.01	0.00	0.03
<b>Labs Included</b>	5	5	5
<b>Labs Reporting</b>	5	5	5



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

### Adj-SAR (SubTestCode 310) in the Cations Property Groups Data units:

WebCode	SRW2104			SRW2105			SRW2106		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>44AAZ2</b>	<b>1.68</b>		1.41	<b>0.69</b>		0.36	<b>4.42</b>		1.23
<b>9N78QJ</b>	<b>0.90</b>		0.00	<b>0.33</b>		1.37	<b>2.57</b>		0.71
<b>FQ9BLT</b>	<b>1.78</b>			<b>0.73</b>			<b>4.99</b>		

### Adj-SAR (SubTestCode 310) in the Cations Property Groups Data units:

	SRW2104	SRW2105	SRW2106
<b>Grand Median</b>	1.68	0.69	4.42
<b>Median Abs Dev</b>			
<b>Avg Within Lab SD</b>	0.00	0.04	0.08
<b>Labs Included</b>	3	3	3
<b>Labs Reporting</b>	3	3	3



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

### HCO3 (SubTestCode 311) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2104			SRW2105			SRW2106		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>44AAZ2</b>	<b>4.99</b>	-1.54	0.89	<b>5.66</b>	-1.25	0.29	<b>2.61</b>	-1.71	0.19
<b>9N78QJ</b>	<b>5.67</b>	0.08	1.57	<b>6.07</b>	-0.05	0.84	<b>3.20</b>	0.83	0.00
<b>DVP2UH</b>	<b>6.27</b>	1.52	0.95	<b>6.62</b>	1.60	0.86	<b>3.05</b>	0.19	0.21
<b>FQ9BLT</b>	<b>5.80</b>	0.41		<b>6.12</b>	0.11		<b>3.01</b>	0.03	
<b>FZCVGU</b>	<b>5.20</b>	-1.04	1.40	<b>6.46</b>	1.11	0.73	<b>2.58</b>	-1.85	1.06
<b>FZDHZT</b>	<b>5.89</b>	0.61	0.68	<b>6.24</b>	0.45	0.29	<b>3.11</b>	0.43	0.19
<b>GCPCQC</b>	<b>5.50</b>	-0.31	1.27	<b>6.03</b>	-0.15	2.57	<b>3.03</b>	0.09	2.60
<b>Q3N624</b>	<b>5.21</b>	-1.00	0.89	<b>5.53</b>	-1.63	0.48	<b>2.74</b>	-1.14	0.00
<b>WLEA94</b>	<b>5.70</b>	0.16	0.00	<b>6.10</b>	0.05	0.00	<b>3.00</b>	-0.03	
<b>Y72BLH</b>	<b>5.60</b>	-0.08	0.00	<b>5.97</b>	-0.34	0.00	<b>2.90</b>	-0.46	0.00

### HCO3 (SubTestCode 311) in the Anions Property Groups

Data units: mmolc/L

	SRW2104	SRW2105	SRW2106
<b>Grand Median</b>	5.63	6.08	3.01
<b>Median Abs Dev</b>	0.21	0.13	0.10
<b>Avg Within Lab SD</b>	0.07	0.14	0.17
<b>Labs Included</b>	10	10	10
<b>Labs Reporting</b>	10	10	10



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CO3 (SubTestCode 312) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2104			SRW2105			SRW2106			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>44AAZ2</b>	<b>0.69</b>	2.42	1.07	<b>0.58</b>		1.41	<b>0.33</b>	1.48	1.89	
<b>DVP2UH</b>	<b>0.33</b>	0.73	1.95				<b>0.21</b>	0.50	1.15	
<b>FQ9BLT</b>	<b>0.08</b>	-0.46					<b>0.06</b>	-0.62		
<b>GCPCQC</b>	<b>0.15</b>	-0.12	0.16				<b>0.09</b>	-0.44	0.35	
<b>WLEA94</b>	<b>0.20</b>	0.12	0.00				<b>0.20</b>	0.44	0.00	
<b>Y72BLH</b>	<b>0.13</b>	-0.20	0.00	<b>0.03</b>		0.00	<b>0.07</b>	-0.57	0.00	

CO3 (SubTestCode 312) in the Anions Property Groups										Data units: mmolc/L
	SRW2104			SRW2105			SRW2106			
	<b>Grand Median</b>		0.17			0.31			0.14	
<b>Median Abs Dev</b>		0.07						0.07		
<b>Avg Within Lab SD</b>		0.02			0.03			0.02		
<b>Labs Included</b>		6			2			6		
<b>Labs Reporting</b>		6			2			6		



## ALP Program - Participant Web Summary Report - Cycle 45 - Summer 2021

### CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2104			SRW2105			SRW2106		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>44AAZ2</b>				<b>0.26</b>	-2.45	2.31	<b>0.21</b>	-1.64	0.88
<b>9N78QJ</b>	<b>0.02</b>	-1.08	1.12	<b>0.41</b>	-0.66	2.04	<b>0.23</b>	-1.40	0.67
<b>CAU3RT</b>	<b>0.04</b>	-0.29	0.53	<b>0.47</b>	0.08	0.75	<b>0.35</b>	0.16	0.17
<b>CL8ZYH</b>	<b>0.05</b>	-0.09	0.62	<b>0.45</b>	-0.14	0.81	<b>0.34</b>	-0.06	0.31
<b>DVP2UH</b>	<b>0.04</b>	-0.48	0.90	<b>0.49</b>	0.36	0.86	<b>0.37</b>	0.38	0.62
<b>FQ9BLT</b>	<b>0.05</b>	-0.19	0.03	<b>0.46</b>	0.01	0.11	<b>0.34</b>	0.04	0.02
<b>FZCVGU</b>	<b>0.08</b>	0.99	0.06	<b>0.41</b>	-0.61	0.13	<b>0.31</b>	-0.33	0.07
<b>GCPCQC</b>	<b>0.06</b>	0.37	0.40	<b>0.39</b>	-0.87	0.30	<b>0.28</b>	-0.70	0.29
<b>J78RVB</b>	<b>0.11</b>	1.74	2.80	<b>0.54</b>	0.92	1.27	<b>0.45</b>	1.40	3.48
<b>LURJ89</b>				<b>0.53</b>	0.78	0.70	<b>0.40</b>	0.72	0.55
<b>Q3N624</b>	<b>0.05</b>	0.05	1.12	<b>0.49</b>	0.31	0.58	<b>0.36</b>	0.25	0.58
<b>RHVNCZ</b>	<b>0.11</b>	1.72	0.06	<b>0.38</b>	-0.99	0.10	<b>0.29</b>	-0.65	0.09
<b>UVFMF8</b>				<b>0.14</b>	-3.91X	0.50	<b>0.24</b>	-1.19	0.67
<b>WLEA94</b>	<b>0.05</b>	-0.05	0.00	<b>0.46</b>	-0.01	0.00	<b>0.34</b>	0.00	0.00
<b>Y72BLH</b>	<b>0.09</b>	1.03	0.00	<b>0.56</b>	1.25	0.00	<b>0.44</b>	1.20	0.00

### CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

	SRW2104	SRW2105	SRW2106
<b>Grand Median</b>	0.052	0.46	0.34
<b>Median Abs Dev</b>	0.014	0.05	0.05
<b>Avg Within Lab SD</b>	0.010	0.02	0.02
<b>Labs Included</b>	12	14	15
<b>Labs Reporting</b>	12	15	15



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### NO3 (SubTestCode 314) in the Anions Property Groups Data units: mmolc/L

WebCode	SRW2104			SRW2105			SRW2106		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
44AAZ2	0.040	0.13	0.28	0.063	0.20	0.38	0.023	0.04	0.41
9N78QJ	0.050	0.60	0.00	0.073	0.59	1.05	0.030	0.49	0.00
CAU3RT	0.039	0.08	0.14	0.063	0.20	0.10	0.022	0.00	0.00
DVP2UH	0.036	-0.07	0.03	0.057	-0.04	0.17	0.019	-0.18	0.02
FQ9BLT	0.038	0.00	0.13	0.058	0.00	0.03	0.022	0.00	0.01
FZCVGU	0.066	1.37	0.00	0.088	1.16	0.18	0.041	1.17	0.00
FZDHZT	0.297	12.54X	7.68	0.320	10.17X	3.14	0.223	12.39X	2.25
GCPCQC	0.030	-0.35	0.77	0.049	-0.36	0.75	0.017	-0.32	0.84
J78RVB	0.090	2.53	2.08	0.131	2.83	0.65	0.069	2.91	1.44
Q3N624	0.060	1.08	2.39	0.097	1.49	2.77	0.053	1.93	2.98
RHVNCZ	0.033	-0.21	1.38	0.057	-0.06	1.05	0.020	-0.12	0.00
UVFMF8	0.021	-0.79	0.58	0.036	-0.87	0.91	0.014	-0.49	1.10
WLEA94	0.010	-1.34	0.00	0.037	-0.84	1.05	0.010	-0.74	0.00
Y72BLH	0.033	-0.21	0.14	0.055	-0.14	0.10	0.016	-0.37	0.00

### NO3 (SubTestCode 314) in the Anions Property Groups Data units: mmolc/L

	SRW2104	SRW2105	SRW2106
Grand Median	0.038	0.058	0.022
Median Abs Dev	0.007	0.009	0.006
Avg Within Lab SD	0.004	0.006	0.005
Labs Included	13	13	13
Labs Reporting	14	14	14





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### SO4 (SubTestCode 315) in the Anions Property Groups Data units: mmolc/L

WebCode	SRW2104			SRW2105			SRW2106		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>44AAZ2</b>	<b>0.61</b>	-0.11	0.41	<b>2.15</b>	-1.11	0.71	<b>5.68</b>	-0.42	0.51
<b>9N78QJ</b>	<b>0.62</b>	0.11	1.30	<b>2.25</b>	-0.42	1.21	<b>5.69</b>	-0.37	1.10
<b>DVP2UH</b>	<b>0.63</b>	0.65	0.31	<b>2.30</b>	0.00	0.46	<b>5.79</b>	0.00	0.35
<b>FQ9BLT</b>	<b>0.60</b>	-0.57	0.01	<b>2.30</b>	-0.05	0.10	<b>5.92</b>	0.45	0.10
<b>FZCVGU</b>	<b>0.64</b>	1.01	0.14	<b>2.39</b>	0.67	0.04	<b>5.93</b>	0.47	0.46
<b>GCPCQC</b>	<b>0.75</b>	4.53X	8.99	<b>2.40</b>	0.72	1.72	<b>5.78</b>	-0.04	0.58
<b>LURJ89</b>	<b>0.60</b>	-0.47	0.65	<b>2.22</b>	-0.62	0.16	<b>5.54</b>	-0.91	0.87
<b>Q3N624</b>	<b>0.57</b>	-1.50	0.84	<b>2.07</b>	-1.76	0.75	<b>5.21</b>	-2.06	0.20
<b>RHVNCZ</b>	<b>0.62</b>	0.32	2.61	<b>2.47</b>	1.27	2.24	<b>6.31</b>	1.84	2.82
<b>WLEA94</b>	<b>0.59</b>	-0.64	0.23	<b>2.33</b>	0.20	0.47	<b>6.00</b>	0.72	0.29
<b>Y72BLH</b>	<b>0.66</b>	1.37	0.16	<b>2.38</b>	0.60	0.11	<b>5.83</b>	0.14	0.07

### SO4 (SubTestCode 315) in the Anions Property Groups Data units: mmolc/L

	SRW2104	SRW2105	SRW2106
<b>Grand Median</b>	0.61	2.30	5.79
<b>Median Abs Dev</b>	0.02	0.08	0.13
<b>Avg Within Lab SD</b>	0.02	0.06	0.21
<b>Labs Included</b>	10	11	11
<b>Labs Reporting</b>	11	11	11



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Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2104			SRW2105			SRW2106			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>44AAZ2</b>	<b>6.33</b>	-0.59	0.71	<b>8.72</b>	-0.61	0.44	<b>8.85</b>	-1.08	0.81	
<b>DVP2UH</b>	<b>6.98</b>	1.71	0.69	<b>9.47</b>	1.62	0.88	<b>9.23</b>	0.00	0.31	
<b>FQ9BLT</b>	<b>6.48</b>	-0.05		<b>8.93</b>	0.02		<b>9.30</b>	0.18		
<b>GCPCQC</b>	<b>6.50</b>	0.00	2.10	<b>8.87</b>	-0.17	2.05	<b>9.19</b>	-0.11	2.26	
<b>Q3N624</b>	<b>5.89</b>	-2.16	0.78	<b>8.23</b>	-2.07	0.88	<b>8.37</b>	-2.41	0.24	
<b>WLEA94</b>	<b>6.55</b>	0.20	0.06	<b>8.93</b>	0.00	0.22	<b>9.55</b>	0.87	0.27	
<b>Y72BLH</b>	<b>6.50</b>	0.02	0.04	<b>9.00</b>	0.22	0.05	<b>9.26</b>	0.06	0.07	

Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
	SRW2104			SRW2105			SRW2106			
<b>Grand Median</b>	6.50			8.93			9.23			
<b>Median Abs Dev</b>	0.06			0.08			0.07			
<b>Avg Within Lab SD</b>	0.10			0.14			0.23			
<b>Labs Included</b>	7			7			7			
<b>Labs Reporting</b>	7			7			7			



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Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
WebCode	SRW2104			SRW2105			SRW2106			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>44AAZ2</b>	<b>-0.087</b>	-0.35	1.15	<b>-0.290</b>	-0.99	0.52	<b>-0.066</b>	-0.04	0.55	
<b>DVP2UH</b>	<b>-0.398</b>	-1.52	0.85	<b>-0.119</b>	-0.51	1.37	<b>-0.052</b>	0.00	0.36	
<b>FQ9BLT</b>	<b>0.263</b>	0.97		<b>0.058</b>	0.00		<b>-0.050</b>	0.00		
<b>GCPCQC</b>	<b>0.145</b>	0.53	1.39	<b>0.600</b>	1.54	1.36	<b>1.086</b>	2.94	1.89	
<b>Y72BLH</b>	<b>0.006</b>	0.00	0.09	<b>0.176</b>	0.33	0.05	<b>0.101</b>	0.39	0.11	

Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
	SRW2104			SRW2105			SRW2106			
<b>Grand Median</b>		0.006			0.058			-0.050		
<b>Median Abs Dev</b>		0.139			0.177			0.016		
<b>Avg Within Lab SD</b>		0.111			0.216			0.367		
<b>Labs Included</b>		5			5			5		
<b>Labs Reporting</b>		5			5			5		



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### Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

WebCode	SRW2104			SRW2105			SRW2106		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>44AAZ2</b>	<b>0.053</b>	0.28	0.34	<b>0.080</b>	1.15	0.00	<b>0.153</b>	0.85	0.47
<b>9N78QJ</b>	<b>0.097</b>	1.97	0.34	<b>0.097</b>	1.98	1.21	<b>0.147</b>	0.55	0.95
<b>CAU3RT</b>	<b>0.042</b>	-0.16	0.10	<b>0.054</b>	-0.13	0.12	<b>0.135</b>	0.04	0.14
<b>DVP2UH</b>	<b>0.025</b>	-0.81	0.06	<b>0.037</b>	-0.99	0.21	<b>0.112</b>	-0.97	0.09
<b>FQ9BLT</b>	<b>0.052</b>	0.23	0.13	<b>0.058</b>	0.06	0.29	<b>0.141</b>	0.28	0.20
<b>FZCVGU</b>				<b>0.065</b>	0.39	1.33	<b>0.144</b>	0.42	0.24
<b>FZDHZT</b>	<b>0.013</b>	-1.27	0.42	<b>0.024</b>	-1.64	1.44	<b>0.096</b>	-1.70	0.45
<b>GCPCQC</b>	<b>0.041</b>	-0.21	0.04	<b>0.052</b>	-0.24	0.24	<b>0.124</b>	-0.44	0.13
<b>Q3N624</b>	<b>0.077</b>	1.19	3.23	<b>0.057</b>	-0.01	1.21	<b>0.133</b>	-0.04	0.47
<b>RHVNCZ</b>	<b>0.053</b>	0.28	0.34	<b>0.063</b>	0.30	1.09	<b>0.110</b>	-1.07	2.96
<b>UVFMF8</b>	<b>0.020</b>	-1.02	0.17	<b>0.033</b>	-1.19	1.96	<b>0.105</b>	-1.30	1.24
<b>Y72BLH</b>	<b>0.046</b>	0.00	0.06	<b>0.057</b>	0.01	0.16	<b>0.144</b>	0.45	0.17

### Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

	SRW2104	SRW2105	SRW2106
<b>Grand Median</b>	0.046	0.057	0.13
<b>Median Abs Dev</b>	0.007	0.007	0.01
<b>Avg Within Lab SD</b>	0.017	0.005	0.01
<b>Labs Included</b>	11	12	12
<b>Labs Reporting</b>	11	12	12



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**PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups** Data units: mg/L

		SRW2104			SRW2105			SRW2106		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>CAU3RT</b>	<b>0.07</b>		1.00	<b>0.79</b>		1.00	<b>0.01</b>		1.00	

**PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups** Data units: mg/L

		SRW2104	SRW2105	SRW2106
<b>Grand Median</b>		0.074	0.79	0.013
<b>Median Abs Dev</b>				
<b>Avg Within Lab SD</b>		0.001	0.01	0.001
<b>Labs Included</b>		1	1	1
<b>Labs Reporting</b>		1	1	1



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### Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups

Data units: mg/L

WebCode	SRW2104			SRW2105			SRW2106		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>44AAZ2</b>				<b>1.11</b>	0.01	1.30			
<b>CAU3RT</b>	<b>0.08</b>	0.19	0.54	<b>1.23</b>	0.47	0.34	<b>0.01</b>	-0.07	0.19
<b>DVP2UH</b>				<b>0.45</b>	-2.44	1.77			
<b>FQ9BLT</b>	<b>0.10</b>	0.74	2.11	<b>1.11</b>	0.00	1.38	<b>0.02</b>	1.68	2.21
<b>FZCVGU</b>				<b>1.04</b>	-0.27	0.28			
<b>FZDHZT</b>	<b>0.01</b>	-2.31	0.45	<b>0.66</b>	-1.68	1.38	<b>0.01</b>	-0.91	0.28
<b>GCPCQC</b>	<b>0.08</b>	0.00	0.17	<b>0.81</b>	-1.09	0.39	<b>0.02</b>	0.71	0.00
<b>LURJ89</b>				<b>1.13</b>	0.08	0.00			
<b>Y72BLH</b>	<b>0.07</b>	-0.14	0.17	<b>1.12</b>	0.04	0.13	<b>0.01</b>	0.00	0.14

### Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups

Data units: mg/L

	SRW2104	SRW2105	SRW2106
<b>Grand Median</b>	0.077	1.11	0.015
<b>Median Abs Dev</b>	0.005	0.07	0.003
<b>Avg Within Lab SD</b>	0.007	0.03	0.011
<b>Labs Included</b>	5	9	5
<b>Labs Reporting</b>	5	9	5



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### Nitrogen Combustion (Total) (SubTestCode 322) in the Other Property Groups

Data units: mg/L

WebCode	SRW2104			SRW2105			SRW2106		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
<b>CAU3RT</b>	<b>0.82</b>		1.00	<b>1.23</b>		1.00	<b>0.64</b>		1.00

### Nitrogen Combustion (Total) (SubTestCode 322) in the Other Property Groups

Data units: mg/L

	SRW2104	SRW2105	SRW2106
<b>Grand Median</b>	0.82	1.23	0.64
<b>Median Abs Dev</b>			
<b>Avg Within Lab SD</b>	0.02	0.06	0.02
<b>Labs Included</b>	1	1	1
<b>Labs Reporting</b>	1	1	1



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Total Organic Carbon (SubTestCode 323) in the Other Property Groups										Data units: mg/L
SRW2104			SRW2105			SRW2106				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
<b>CAU3RT</b>	<b>0.96</b>		1.00	<b>1.52</b>		1.00	<b>3.70</b>		1.00	

Total Organic Carbon (SubTestCode 323) in the Other Property Groups										Data units: mg/L
SRW2104			SRW2105			SRW2106				
<b>Grand Median</b>	0.96			1.52			3.70			
<b>Median Abs Dev</b>										
<b>Avg Within Lab SD</b>	0.10			0.32			0.06			
<b>Labs Included</b>	1			1			1			
<b>Labs Reporting</b>	1			1			1			



