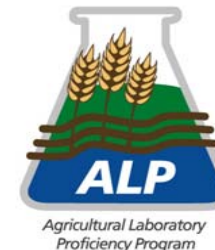


ALP Program

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 - Fall 2016 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Fall 2016 (Cycle 31) was completed in November 2016, with participation by 105 labs from the United States, Canada, Guatemala, South Africa, Italy, Romania, Ukraine, Honduras, UAE 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 used for the soils program were: SRS1611 an Osco silt loam collected from Ogle Cty, IL; SRS1612 a Calloway silt loam collected from St. Francis, AR; SRS1613 a sandy loam collected from Middlesex Cty, ON Canada; SRS1614 a Palouse silt loam collected from Walla Walla Cty, WA; and SRS1615 an Ade loamy fine sand collected from Vigo Cty, IN. Standard Reference Botanical (SRB) materials were: SRB1609 grape petiole composite from CA; SRB1610 corn stalk composite from CT; SRB1611 buck wheat grain from ND and SRB1612 citrus leaf from CA. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW1607 water source in MT, SRW1608 well water in ID, and SRW1609 irrigation water from WY.

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

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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.

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

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

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



Key to Data Tables

Laboratory Results

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

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

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



Choosing the Statistics Used

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

Why did we decide this?

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

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



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



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups														Data units: Percent		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	48.6	-0.1	0.4	40.6	0.0	1.0	35.4	-0.4	0.2	42.4	-0.8	0.4	21.3	-0.2	0.6	
3LLHFD	42.5	-1.4	0.7	40.2	-0.2	0.5	31.0	-1.7	0.7	41.6	-1.0	1.3	20.0	-0.8	0.8	
4772LG	50.0	0.2		43.3	0.6	0.5	38.0	0.4		45.0	-0.1		23.0	0.6		
4PHQYE	30.6	-3.9		30.6	-2.5		28.3	-2.5		32.7	-3.4		16.8	-2.3		
9PQEAF	50.2	0.3	2.2	42.7	0.5	2.3	39.5	0.9	1.9	48.4	0.8	0.7	30.7	4.2	2.0	
9UGTRV	49.0	0.0	0.7	39.7	-0.3	0.5	35.7	-0.3	0.5	44.3	-0.3	0.5	21.7	0.0	0.9	
ACHTLG	45.2	-0.8	0.8	37.1	-0.9	1.4	34.1	-0.8	1.3	45.3	0.0	1.9	21.1	-0.3	1.8	
CYGD73	51.1	0.4		41.8	0.2		37.3	0.2		49.2	1.0		22.1	0.2		
ERD28B	46.4	-0.6	0.1	39.5	-0.3	0.3	34.4	-0.7	0.6	41.9	-0.9	0.8	20.8	-0.4	0.6	
F82HRY	50.0	0.2	0.1	40.1	-0.2	0.1	37.9	0.4	1.8	44.2	-0.3	0.6	22.2	0.2	0.1	
GAZGFW	46.8	-0.5	0.3	38.8	-0.5	0.4	34.7	-0.6	0.1	44.0	-0.3		21.5	-0.1	0.6	
HTTG7U	54.1	1.1	1.0	46.6	1.4	0.5	39.3	0.8	1.3	50.1	1.3	0.1	22.9	0.6	0.3	
MLWD6R	49.0	0.0		42.7	0.5	0.5	39.0	0.7		46.0	0.2		23.0	0.6		
MNZ9NU	51.4	0.5	0.0	43.0	0.5	0.0	36.7	0.0	0.0	47.8	0.7	0.0	22.4	0.3	0.0	
NQPTDY	46.8	-0.5	0.1	38.5	-0.6	0.1	33.6	-0.9	0.1	45.4	0.0	1.1	21.5	-0.1	0.9	
QDVZWM	53.1	0.9	0.9	46.5	1.4	1.0	39.2	0.7	1.3	48.7	0.9	0.6	23.8	1.0	0.8	
RBM6QP	48.8	0.0	2.0	40.8	0.0	1.9	34.6	-0.6	1.0	43.6	-0.5	1.9	21.5	-0.1	1.3	
TG8MJR	52.3	0.7	0.4	45.3	1.1	0.5	36.7	0.0	0.5	47.0	0.4		21.3	-0.2	0.9	
VW99YJ	54.0	1.0	0.7	45.0	1.0	1.5	39.3	0.8	0.5	47.3	0.5	0.5	23.0	0.6		
W6XFXE	53.7	1.0	1.7	45.0	1.0		38.3	0.5	0.5	47.7	0.6	0.5	24.7	1.4	0.9	
YK4JB6	47.5	-0.3	1.0	39.3	-0.4	1.0	35.4	-0.4	1.4	44.4	-0.2	1.4	21.6	0.0	1.3	



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	49.0	40.8	36.7	45.3	21.7	
Median Abs Dev	2.2	2.0	2.1	2.0	0.7	
Avg Within Lab SD	1.5	1.1	1.1	1.1	0.7	
Labs Included	21	21	21	21	21	
Labs Reporting	21	21	21	21	21	



ALP Program - Participant Web Summary Report - Cycle 31 - Fall 2016

pH - sp (SubTestCode 102) in the Salinity Property Groups															Data units: Unit	
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	6.13	0.15	1.49	4.78	-0.76	0.07	6.93	1.54	0.23	4.28	-1.00	0.27	5.67	0.35	0.07	
3LLHFD	6.29	1.15	0.47	5.17	1.23	0.23	6.81	1.09	0.40	4.74	2.46	0.22	6.01	1.70	0.04	
4772LG	6.04	-0.36	0.09	5.00	0.39	0.61	6.31	-0.89	0.26	4.40	-0.05	0.59	5.37	-0.85	0.07	
4PHQYE	6.28	1.07	0.78	5.59	3.38	0.41	7.28	2.91	0.19	4.63	1.68	1.82	6.66	4.34	0.10	
9PQEAF	6.04	-0.36	0.48	4.93	0.02	0.19	6.47	-0.25	0.41	4.41	0.00	0.46	5.60	0.06	0.17	
9UGTRV	6.09	-0.05	0.48	4.99	0.30	0.24	6.54	0.02	0.30	4.53	0.88	0.27	5.77	0.76	0.14	
ACHTLG	6.25	0.93	0.33	4.99	0.32	0.29	6.71	0.70	0.13	4.48	0.55	0.12	5.69	0.42	0.24	
CYGD73	6.11	0.05		4.93	0.02		6.55	0.06		4.44	0.23		5.57	-0.05		
ERD28B	6.03	-0.42	0.51	4.88	-0.22	0.13	6.41	-0.49	0.23	4.37	-0.28	0.12	5.49	-0.35	0.10	
F82HRY	6.15	0.28	0.48	4.98	0.25	0.15	6.45	-0.33	0.34	4.44	0.25	0.16	5.54	-0.18	0.10	
GAZGFW	6.15	0.32	0.09	4.97	0.22	0.06	6.54	0.01	0.06	4.41	0.03	0.06	5.56	-0.10	0.14	
HTTG7U	6.00	-0.62		4.80	-0.64	0.00	6.33	-0.79	0.65	4.23	-1.33	0.62	5.33	-1.00	0.40	
JM74P7	6.09	-0.09	0.51	4.66	-1.35	1.26	6.53	-0.01	0.65	4.45	0.28	0.54	5.59	0.05	0.08	
K7QAQ2	5.98	-0.74	0.00	4.87	-0.27	0.10	6.41	-0.50	0.06	4.29	-0.88	0.06	5.47	-0.45	0.00	
MLWD6R	6.06	-0.28	0.09	4.92	-0.02	0.10	6.53	-0.03	0.34	4.37	-0.33	0.33	5.55	-0.13	0.07	
MNZ9NU	5.69	-2.52	0.00	4.68	-1.25	0.00	6.33	-0.80	0.00	4.34	-0.53	0.00	5.48	-0.41	0.00	
QDVZWM	6.28	1.07	0.64	5.00	0.39	0.30	6.72	0.73	0.17	4.51	0.73	0.53	5.78	0.81	0.46	
RBM6QP	6.21	0.64	0.83	4.87	-0.30	4.29	6.83	1.13	3.91	4.45	0.30	3.45	5.75	0.66	3.74	
TG8MJR	6.02	-0.50	0.16	4.86	-0.35	0.07	6.43	-0.42	0.06	4.34	-0.55	0.06	5.51	-0.30	0.08	
VW99YJ	6.21	0.68	0.51	5.20	1.37	0.19	6.58	0.18	0.41	5.63	9.18X	0.21	5.74	0.63	0.21	
W6XFXE	5.87	-1.40	1.23	4.64	-1.47	0.13	6.14	-1.55	0.06	4.21	-1.53	1.23	5.46	-0.49	0.21	
YK4JB6	6.29	1.15	3.57	4.86	-0.32	0.26	6.64	0.42	1.94	4.37	-0.33	1.17	5.77	0.76	2.52	



ALP Program - Participant Web Summary Report - Cycle 31 - Fall 2016

pH - sp (SubTestCode 102) in the Salinity Property Groups						Data units: Unit
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	6.10	4.93	6.54	4.41	5.58	
Median Abs Dev	0.09	0.07	0.13	0.07	0.11	
Avg Within Lab SD	0.06	0.16	0.09	0.09	0.15	
Labs Included	22	22	22	21	22	
Labs Reporting	22	22	22	22	22	



ALP Program - Participant Web Summary Report - Cycle 31 - Fall 2016

ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2XKVZJ	0.94	0.74	0.11	0.71	0.08	0.43	0.94	0.63	0.13	1.51	1.16	0.84	1.17	0.92	1.30		
3LLHFD	0.76	-0.16	0.22	0.72	0.20	0.19	0.71	-0.37	0.14	1.25	-0.49	0.49	0.93	-0.17	0.34		
4772LG	0.92	0.66	0.00	0.68	-0.20	0.25	0.88	0.40	0.13	1.41	0.54	0.18	1.11	0.64	0.69		
4PHQYE	1.07	1.41	0.29	0.83	1.29	0.92	0.91	0.51	0.05	1.50	1.08	0.28	0.89	-0.37	0.09		
9PQEAF	0.95	0.81	0.32	0.79	0.94	3.87	0.89	0.42	0.58	1.40	0.45	1.28	0.94	-0.12	2.27		
9UGTRV	0.65	-0.74	0.49	0.73	0.32	0.65	0.58	-0.89	0.71	1.31	-0.10	1.03	0.74	-1.04	0.30		
ACHTLG	0.69	-0.54	0.33	0.70	0.00	0.53	0.52	-1.14	0.88	1.30	-0.19	3.04	0.88	-0.38	0.59		
CYGD73	0.84	0.24		0.76	0.60		0.79	0.00		1.40	0.45		1.11	0.64			
ERD28B	1.01	1.14	0.55	0.69	-0.10	0.86	0.79	0.00	0.36	1.31	-0.10	0.48	1.03	0.28	1.00		
F82HRY	0.88	0.45	0.41	0.72	0.15	0.47	0.85	0.25	0.97	1.42	0.56	1.03	1.13	0.72	0.40		
GAZGFW	0.97	0.90	0.10	0.78	0.80	0.88	0.96	0.73	0.46	1.47	0.92	0.18	1.22	1.16	0.54		
HTTG7U	0.61	-0.95	0.37	0.61	-0.92	1.07	0.52	-1.18	0.58	1.13	-1.30	1.29	0.67	-1.33	0.84		
JM74P7	0.68	-0.59	0.37	0.58	-1.23	0.65	0.45	-1.45	0.13	1.22	-0.70	0.84	0.81	-0.70	0.30		
K7QAQ2	0.74	-0.27	0.01	0.59	-1.12	0.00	0.73	-0.25	0.03	1.14	-1.19	0.03	0.97	0.00	0.02		
MLWD6R	0.95	0.82	0.04	0.70	-0.07	0.09	0.90	0.48	0.16	1.44	0.69	0.24	1.19	1.00	0.12		
MNZ9NU	0.67	-0.64	0.00	1.05	3.60	0.00	1.21	1.81	0.00	1.50	1.09		1.44	2.14	0.00		
NQPTDY	0.70	-0.49	0.20	0.73	0.27	0.45	0.57	-0.94	0.09	1.33	0.00	0.69	0.95	-0.07	0.48		
QDVZWM	0.68	-0.61	0.70	0.66	-0.40	0.33	0.59	-0.84	0.88	1.29	-0.27	1.51	0.93	-0.16	2.69		
RBM6QP	0.71	-0.45	0.93	0.63	-0.80	0.18	0.57	-0.94	1.44	1.17	-1.01	0.32	0.82	-0.66	1.40		
TG8MJR	1.01	1.13	0.01	0.78	0.81	0.02	0.98	0.80	0.01	1.57	1.51	0.00	1.24	1.22	0.02		
VW99YJ	0.90	0.55	0.18	0.69	-0.09	0.25	0.88	0.37	0.13	1.39	0.37	0.18	1.09	0.55	0.52		
W6XFEX	0.79	0.00	1.40	0.58	-1.22	0.71	0.87	0.37	0.29	1.18	-0.93	0.37	1.07	0.44	0.39		
YK4JB6	0.56	-1.23	4.15	0.67	-0.30	0.98	0.61	-0.76	3.96	1.26	-0.42	1.12	0.79	-0.82	1.43		



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ECe - sp (SubTestCode 103) in the Salinity Property Groups						Data units: dS/m
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	0.79	0.70	0.79	1.33	0.97	
Median Abs Dev	0.12	0.04	0.15	0.09	0.14	
Avg Within Lab SD	0.05	0.02	0.04	0.03	0.04	
Labs Included	23	23	23	23	23	
Labs Reporting	23	23	23	23	23	



ALP Program - Participant Web Summary Report - Cycle 31 - Fall 2016

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	0.77	-0.99	0.66	0.04	-0.84	0.00	1.60	-1.05	0.00	0.40	0.03	0.00	1.00	0.55		
4PHQYE	0.54	-1.39	0.28				3.02	0.28	0.25	1.25	3.10	1.91	0.86	0.06	1.20	
9PQEAF	0.56	-1.34	0.33	0.25	-0.15	0.12	0.97	-1.64	0.49	0.25	-0.51	0.29	0.55	-1.03	1.17	
9UGTRV	1.33	0.00	1.32	0.33	0.12	1.42	3.47	0.70	1.17	0.27	-0.45	0.98	0.80	-0.15	0.00	
ACHTLG	0.94	-0.69	0.43	0.26	-0.12	0.00	1.52	-1.12	0.38				0.35	-1.73	1.28	
HTTG7U	1.47	0.24	2.12	0.53	0.75	2.20	2.95	0.22	2.44	0.42	0.11	1.52	0.84	0.00	1.57	
JM74P7	1.72	0.67	0.30	0.97	2.19	0.33	2.62	-0.09	0.16	0.50	0.40	0.05	0.92	0.27	0.22	
NQPTDY	1.75	0.73	0.93	0.50	0.66	0.17	3.75	0.97	0.44	0.38	-0.03	0.02	1.25	1.43	0.19	
RBM6QP	1.34	0.01		0.12	-0.58		2.72	0.00		0.18	-0.76		0.60	-0.85		

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	1.33			0.30			2.72			0.39			0.84			
Median Abs Dev	0.40			0.19			0.75			0.12			0.16			
Avg Within Lab SD	0.09			0.08			0.20			0.12			0.12			
Labs Included	9			8			9			8			9			
Labs Reporting	9			8			9			8			9			



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K - sp (SubTestCode 105) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	0.21	0.06	0.00	0.11	0.00	0.07	0.92	0.25	0.36	2.84	1.10	0.47	1.19	0.50	0.46	
3LLHFD	0.15	-0.13	0.18	0.09	-0.06	0.09	0.57	-0.30	0.31	1.87	-1.49	0.82	0.71	-0.87	1.38	
4772LG	0.20	0.02	0.18	0.11	-0.01	0.04	0.79	0.04	0.18	2.54	0.29	0.58	1.07	0.16	0.21	
4PHQYE	0.31	0.34	3.39	0.24	0.32	2.86	1.10	0.54	2.78	3.11	1.83	1.24	1.17	0.43	0.96	
9PQEAF	0.28	0.26	0.49	0.27	0.40	1.35	0.83	0.12	1.16	2.47	0.11	1.79	0.98	-0.11	2.09	
CYGD73	0.19	0.00					0.73	-0.05		2.35	-0.21		1.00	-0.04		
F82HRY	0.22	0.09	0.18	0.12	0.01	0.07	0.95	0.29	1.23	2.72	0.78	0.91	1.14	0.34	0.97	
GAZGFW	0.18	-0.03	0.32	0.16	0.12		0.76	0.00	0.61	2.49	0.16	0.89	1.04	0.08	0.65	
K7QAQ2	0.16	-0.09	0.03	0.08	-0.07	0.02	0.66	-0.15	0.04	2.02	-1.09	0.09	0.97	-0.14	0.13	
MLWD6R	0.19	-0.01	0.05	0.10	-0.02	0.01	0.77	0.01	0.17	2.25	-0.48	0.29	1.04	0.08	0.27	
NQPTDY	0.19	0.00	0.08	0.12	0.03	0.00	0.69	-0.11	0.15	2.53	0.28	0.01	1.02	0.00	0.05	
QDVZWM	0.17	-0.05	0.18				0.66	-0.15	0.77	2.35	-0.21	2.06	0.95	-0.19	1.75	
RBM6QP	0.20	0.01		0.10	-0.02		0.70	-0.09		2.43	0.00		0.96	-0.15		
U98MLB	3.23	8.97		3.14	7.64		5.76	7.91		1.85	-1.54		3.42	6.75		
W6XFXE	0.17	-0.07	0.18	0.09	-0.05	0.00	0.70	-0.09	0.31	2.21	-0.57	0.27	0.92	-0.27	0.00	

K - sp (SubTestCode 105) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	0.19			0.11			0.76			2.43			1.02			
Median Abs Dev	0.02			0.02			0.07			0.18			0.06			
Avg Within Lab SD	0.03			0.06			0.03			0.08			0.05			
Labs Included	15			13			15			15			15			
Labs Reporting	15			13			15			15			15			



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Ca - sp (SubTestCode 106) in the Salinity Property Groups

Data units: mmolc/L

WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XKVZJ	4.92	0.80	0.19	3.58	0.06	0.58	5.44	0.63	0.30	6.66	1.14	0.85	6.35	1.04	1.34
3LLHFD	3.96	-0.16	0.20	3.55	0.01	0.14	4.14	-0.38	0.21	5.50	-0.15	0.93	4.83	-0.10	1.23
4772LG	4.73	0.61	0.31	3.31	-0.47	0.06	5.03	0.31	0.29	6.02	0.43	0.54	6.02	0.80	0.26
4PHQYE	5.85	1.73	0.53	4.24	1.38	0.31	5.36	0.57	0.13	6.40	0.85	0.46	4.72	-0.19	0.41
88CK3F	70.02	65.75X	12.30	48.44	90.21X	7.11	57.68	41.53X	17.02	85.59	88.37X	13.66	38.24	25.07X	5.03
9PQEAF	4.70	0.58	0.40	4.32	1.55	3.55	5.09	0.36	1.57	6.29	0.73	0.42	4.58	-0.29	1.66
9UGTRV	3.13	-0.98	0.66	3.30	-0.50	1.22	3.27	-1.07	0.73	5.20	-0.48	1.22	3.63	-1.00	0.78
ACHTLG	3.24	-0.87	0.59	3.62	0.15	1.16	3.11	-1.19	0.44	5.14	-0.54	1.77	4.32	-0.49	0.86
CYGD73	4.11	-0.01		3.56	0.02		4.28	-0.28		5.49	-0.16		5.44	0.36	
F82HRY	4.80	0.68	0.60	3.54	-0.01	0.36	5.20	0.44	1.13	5.60	-0.03	0.27	5.56	0.45	0.52
GAZGFW	4.71	0.59	0.62	3.73	0.36	0.90	5.12	0.38	0.66	6.12	0.54	0.73	6.20	0.93	0.68
HTTG7U	2.90	-1.22	0.80	3.25	-0.60	0.96	2.99	-1.28	0.90	4.68	-1.05	1.63	3.37	-1.20	0.53
JM74P7	4.18	0.06	0.12	3.33	-0.45	0.15	3.20	-1.12	0.03	5.35	-0.31	0.35	4.92	-0.04	0.10
K7QAQ2	4.13	0.01	0.02	3.42	-0.27	0.15	4.98	0.27	0.06	5.66	0.03	0.20	5.78	0.61	0.06
MLWD6R	4.49	0.37	0.16	3.15	-0.79	0.37	4.53	-0.08	0.26	6.16	0.58	0.66	5.63	0.50	0.51
MNZ9NU	3.58	-0.53	0.00	5.41	3.73	0.00	7.14	1.97	0.00	6.46	0.91	0.00	7.84	2.17	0.00
NQPTDY	3.72	-0.40	0.22	3.64	0.18	0.04	3.60	-0.80	0.17	6.02	0.43	1.29	5.02	0.04	0.19
QDVZWM	3.31	-0.81	0.52	3.03	-1.04	0.41	3.36	-1.00	1.19	4.98	-0.72	2.02	4.47	-0.38	1.94
RBM6QP	3.83	-0.29		3.23	-0.65		4.04	-0.46		5.59	-0.05		4.78	-0.14	
TG8MJR	4.90	0.78	0.15	4.21	1.34	0.04	5.36	0.57	0.17	7.31	1.86	0.14	6.83	1.40	0.05
U98MLB	1.67	-2.44		3.64	0.18		5.96	1.04		2.47	-3.49		1.80	-2.39	
W6XFEX	4.23	0.11	0.50	3.10	-0.89	0.07	4.73	0.08	0.33	5.44	-0.21	0.79	5.22	0.19	0.08
YK4JB6	3.32	-0.80	3.95	3.44	-0.21	0.93	3.92	-0.55	3.37	5.78	0.16	1.36	4.76	-0.15	2.50



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Ca - sp (SubTestCode 106) in the Salinity Property Groups						Data units: mmolc/L
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	4.12	3.55	4.63	5.63	4.97	
Median Abs Dev	0.60	0.23	0.72	0.46	0.62	
Avg Within Lab SD	0.23	0.16	0.21	0.14	0.29	
Labs Included	22	22	22	22	22	
Labs Reporting	23	23	23	23	23	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	3.65	1.03	0.11	1.33	0.28	0.90	2.49	0.55	0.20	2.51	1.07	0.54	2.65	0.60	0.62	
3LLHFD	2.85	-0.25	0.13	1.24	0.02	0.26	1.81	-0.30	0.18	2.00	-0.19	0.51	2.07	-0.25	1.43	
4772LG	3.14	0.21	0.08	1.12	-0.31	0.31	2.13	0.11	0.04	2.15	0.18	0.11	2.48	0.35	0.29	
4PHQYE	4.46	2.33	0.30	1.51	0.78	0.29	2.45	0.49	0.09	2.41	0.83	0.25	2.08	-0.24	0.45	
88CK3F	13.58	16.91X	2.05	10.75	27.14X	4.34	12.22	12.52X	2.51	12.60	26.12X	10.28	11.58	13.84X	7.75	
9PQEAF	3.44	0.69	0.07	1.78	1.56	3.66	2.30	0.31	0.60	2.46	0.96	1.08	2.01	-0.35	1.78	
9UGTRV	2.27	-1.18	1.01	1.27	0.10	0.86	1.60	-0.55	0.79	2.07	-0.02	0.77	1.70	-0.81	0.89	
ACHTLG	2.36	-1.03	0.21	1.17	-0.17	0.67	1.44	-0.74	0.40	1.67	-1.00	1.40	1.85	-0.59	0.74	
CYGD73	3.11	0.17		1.30	0.19		2.02	-0.03		2.10	0.06		2.44	0.29		
F82HRY	3.46	0.73	0.50	1.19	-0.12	0.41	2.27	0.28	0.87	2.04	-0.08	0.18	2.37	0.19	0.55	
GAZGFW	3.46	0.73	0.46	1.34	0.31	0.62	2.32	0.34	0.45	2.31	0.58	0.34	2.76	0.76	0.77	
HTTG7U	2.33	-1.08	1.10	1.17	-0.17	0.62	1.31	-0.90	0.83	1.90	-0.44	3.39	1.42	-1.22	0.39	
JM74P7	3.06	0.09	0.08	1.06	-0.49	0.26	1.41	-0.79	0.09	1.64	-1.08	0.48	2.06	-0.27	0.15	
K7QAQ2	3.06	0.10	0.07	1.08	-0.45	0.12	2.07	0.03	0.11	2.00	-0.19	0.09	2.35	0.16	0.22	
MLWD6R	3.35	0.56	0.31	1.14	-0.27	0.15	2.13	0.10	0.88	2.06	-0.05	0.41	2.47	0.33	0.22	
MNZ9NU	2.71	-0.47	0.00	1.88	1.83		3.27	1.50	0.00	2.44	0.91	0.00	3.41	1.73	0.00	
NQPTDY	2.70	-0.49	0.02	1.23	-0.02	0.03	1.55	-0.61	0.03	1.98	-0.23	0.38	2.08	-0.24	0.27	
QDVZWM	2.44	-0.90	0.36	1.08	-0.43	0.17	1.53	-0.64	0.75	1.87	-0.52	1.27	1.98	-0.39	2.33	
RBM6QP	2.91	-0.15		1.13	-0.30		1.84	-0.26		2.08	0.02		2.10	-0.21		
TG8MJR	3.41	0.64	0.03	1.25	0.04	0.09	2.28	0.29	0.05	2.43	0.88	0.00	2.59	0.51	0.05	
U98MLB	2.48	-0.84		3.37	6.09		6.64	5.65		3.97	4.70		5.60	4.98		
W6XFEX	2.95	-0.09	0.33	1.02	-0.62	0.09	1.98	-0.09	0.12	1.88	-0.49	0.20	2.14	-0.16	0.20	
YK4JB6	2.33	-1.07	3.98	1.34	0.30	1.13	1.82	-0.28	3.84	2.21	0.34	0.89	2.38	0.20	2.26	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups						Data units: mmolc/L
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	3.01	1.23	2.05	2.07	2.24	
Median Abs Dev	0.42	0.11	0.26	0.19	0.23	
Avg Within Lab SD	0.23	0.07	0.13	0.07	0.11	
Labs Included	22	22	22	22	22	
Labs Reporting	23	23	23	23	23	



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Na - sp (SubTestCode 108) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	0.23	0.00	0.00	1.04	0.12	0.56	0.31	0.14	0.07	0.37	0.29	0.02	0.35	-0.09	0.26	
3LLHFD	0.36	1.22	0.00	1.07	0.25	0.46	0.32	0.20	0.10	0.32	-0.10	0.05	0.42	0.31	0.54	
4772LG	0.25	0.20	1.46	0.92	-0.38	0.40	0.31	0.08	0.62	0.34	0.04	0.12	0.39	0.12	0.74	
4PHQYE	0.20	-0.29	0.06	1.19	0.80	0.29	0.27	-0.17	0.05	0.34	0.05	0.03	0.28	-0.53	0.13	
88CK3F	1.68	13.59X	49.61	13.32	54.45X	36.30	10.27	67.68X	35.34	10.97	79.83X	17.17	1.59	7.17X	1.48	
9PQEAF	0.27	0.41	1.57	0.84	-0.74	1.08	0.48	1.24	1.75	0.44	0.83	0.37	0.61	1.41	1.51	
9UGTRV	0.23	0.03	1.28	0.97	-0.19	1.06	0.27	-0.18	0.99	0.33	0.00	0.29	0.37	0.00	0.87	
ACHTLG	0.21	-0.18	0.11	0.88	-0.58	0.59	0.26	-0.24	0.30	0.28	-0.41	0.05	0.28	-0.51	0.10	
CYGD73	0.23	0.00		1.01	0.00		0.27	-0.16		0.31	-0.18		0.32	-0.27		
F82HRY	0.21	-0.16	0.12	1.01	0.01	0.64	0.29	-0.01	0.26	0.32	-0.13	0.06	0.31	-0.36	0.14	
GAZGFW				1.05	0.19	0.28	0.29	0.00	0.20	0.33	-0.05	0.03	0.37	0.00	0.38	
HTTG7U	0.69	4.29	0.92	1.21	0.90	2.54	0.66	2.49	0.78	0.78	3.33	0.67	0.65	1.68	0.17	
JM74P7	0.21	-0.22	0.26	0.92	-0.40	0.49	0.21	-0.59	0.20	0.33	0.00	0.14	0.30	-0.39	0.00	
K7QAQ2	0.18	-0.47	0.05	0.86	-0.67	0.03	0.26	-0.23	0.07	0.27	-0.44	0.01	0.28	-0.50	0.02	
MLWD6R	0.24	0.11	0.63	0.91	-0.45	0.49	0.31	0.12	0.82	0.32	-0.07	0.05	0.40	0.20	0.50	
MNZ9NU	0.29	0.54	0.00	1.76	3.31	0.00	0.79	3.38	0.00	0.49	1.15	0.00	0.71	2.03	0.00	
NQPTDY	0.22	-0.09	0.55	1.06	0.24	0.44	0.26	-0.21	0.08	0.37	0.25	0.17	0.33	-0.20	0.11	
QDVZWM	0.22	-0.09		0.91	-0.44	0.96	0.26	-0.23	0.78	0.32	-0.08	0.25	0.38	0.06	1.31	
RBM6QP	0.16	-0.66		0.83	-0.78		0.17	-0.86		0.23	-0.75		0.21	-0.91		
TG8MJR	0.50	2.51	0.26	1.47	2.05	0.11	0.59	1.99	0.52	0.67	2.53	0.05	0.75	2.27	0.09	
U98MLB	1.58	12.68X		1.83	3.63X		2.74	16.60X		2.70	17.77X		3.47	18.20X		
W6XFEX	0.36	1.19	2.43	1.15	0.60	1.81	0.43	0.95	0.94	0.46	0.98	0.85	0.68	1.82	3.47	
YK4JB6	0.14	-0.84	1.77	0.77	-1.06	1.95	0.39	0.69	3.36	0.67	2.52	4.18	0.28	-0.51	0.89	



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Na - sp (SubTestCode 108) in the Salinity Property Groups						Data units: mmolc/L
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	0.23	1.01	0.29	0.33	0.37	
Median Abs Dev	0.03	0.10	0.03	0.03	0.07	
Avg Within Lab SD	0.05	0.05	0.06	0.20	0.07	
Labs Included	20	21	21	21	21	
Labs Reporting	22	23	23	23	23	



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SAR - sp (SubTestCode 109) in the Salinity Property Groups															Data units: value		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2XKVZJ	0.10	-0.44	0.00	0.63	-0.06	1.45	0.20	0.33	0.00	0.20	0.28	0.00	0.20	0.02	0.00		
3LLHFD	0.20	0.99	0.18	0.69	0.37	0.25	0.19	0.22	0.00	0.17	-0.19	0.16	0.23	0.26	0.38		
4772LG	0.13	0.00	1.09	0.62	-0.17	0.25	0.16	-0.11	0.61	0.17	-0.19	0.31	0.19	-0.11	0.52		
88CK3F	0.05	-1.21	2.01	0.45	-1.48	1.62	0.32	1.67	2.04	0.29	1.57	2.45	-0.02	-1.99	1.68		
9PQEAF	0.14	0.08	1.10	0.48	-1.22	0.80	0.25	0.87	1.82	0.21	0.44	0.94	0.33	1.24	1.03		
9UGTRV	0.13	0.05	1.82	0.63	-0.06	1.45	0.17	-0.04	2.03	0.20	0.28	0.00	0.23	0.32	1.44		
ACHTLG	0.13	-0.06	0.04	0.57	-0.58	0.41	0.17	0.00	0.35	0.15	-0.40	0.25	0.16	-0.36	0.17		
CYGD73	0.12	-0.15		0.65	0.06		0.15	-0.23		0.16	-0.28		0.16	-0.35			
F82HRY	0.10	-0.37	0.03	0.66	0.12	0.48	0.15	-0.22	0.17	0.16	-0.26	0.17	0.15	-0.41	0.07		
GAZGFW				0.66	0.17	0.29	0.15	-0.19	0.20	0.16	-0.28	0.00	0.17	-0.23	0.29		
HTTG7U	0.42	4.34	0.66	0.82	1.36	1.91	0.45	3.12	0.93	0.43	3.49	1.62	0.42	2.06	0.14		
MLWD6R	0.12	-0.10	0.48	0.62	-0.17	0.43	0.17	0.00	0.93	0.16	-0.28	0.00	0.20	-0.02	0.38		
MNZ9NU	0.16	0.47	0.00	0.92	2.16	0.00	0.35	1.97	0.00	0.23	0.71	0.00	0.30	0.93	0.00		
NQPTDY	0.13	-0.05	0.58	0.68	0.32	0.39	0.16	-0.08	0.08	0.18	0.05	0.52	0.18	-0.20	0.07		
QDVZWM	0.13	0.00		0.63	-0.06	0.95	0.17	-0.04	0.73	0.18	-0.05	0.68	0.21	0.08	1.01		
RBM6QP	0.09	-0.64		0.57	-0.59		0.10	-0.82		0.12	-0.85		0.11	-0.77			
TG8MJR	0.24	1.68	0.18	0.89	1.95	0.14	0.30	1.48	0.54	0.30	1.72	0.16	0.35	1.39	0.00		
W6XFXE	0.19	0.84	1.79	0.80	1.23	1.74	0.24	0.74	1.13	0.24	0.84	2.35	0.35	1.42	2.89		

SAR - sp (SubTestCode 109) in the Salinity Property Groups															Data units: value		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
	Grand Median	0.13			0.64			0.17			0.18			0.20			
Median Abs Dev	0.03			0.04			0.02			0.02			0.04				
Avg Within Lab SD	0.03			0.04			0.03			0.04			0.04				
Labs Included	17			18			18			18			18				
Labs Reporting	17			18			18			18			18				



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Cl - sp (SubTestCode 110) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	0.07	-0.67	0.00	0.08	-1.00	0.19	0.84	-0.14	0.54	0.05	-0.82	0.00	0.88	0.00	0.49	
3LLHFD	0.21	0.11	0.00	0.41	0.58	0.19	0.71	-0.89	0.07	0.33	0.58	0.15	0.71	-0.89	0.08	
4772LG	0.16	-0.18	1.00	0.25	-0.20	0.45	0.88	0.11	0.98	0.13	-0.44	0.23	0.86	-0.09	1.49	
4PHQYE	0.40	1.17	0.03	0.39	0.47	0.01	0.39	-2.77	0.00	0.41	0.96	0.02	0.41	-2.48	0.00	
9PQEAF	0.31	0.70	1.46	0.31	0.12	3.05	0.83	-0.22	0.90	0.32	0.51	3.10	0.68	-1.03	3.30	
9UGTRV	0.29	0.56	0.63	0.34	0.24	0.85	1.03	0.95	0.36	0.24	0.13	1.08	1.07	1.03	0.21	
ACHTLG	0.29	0.58	0.48	0.28	-0.04	0.38	0.88	0.06	0.68	0.26	0.23	0.64	0.77	-0.56	0.88	
CYGD73	0.19	0.00		0.30	0.05		0.97	0.62		0.15	-0.33		0.97	0.49		
F82HRY	0.15	-0.24	0.11	0.27	-0.08	0.37	0.85	-0.10	0.84				0.96	0.45	0.06	
GAZGFW				1.07	3.67		1.04	1.05	0.86				1.00	0.65	0.49	
HTTG7U	0.30	0.64	0.97	0.32	0.13	1.83	0.81	-0.32	0.51	0.26	0.23	1.97	0.72	-0.84	0.53	
JM74P7	0.15	-0.24	0.37	0.23	-0.26	0.93	0.54	-1.93	0.38	0.20	-0.08	0.00	0.70	-0.93	0.70	
K8RXD8	0.13	-0.33	1.90	0.23	-0.28	0.50	0.75	-0.65	0.17	0.11	-0.53	0.08	0.81	-0.33	0.27	
MLWD6R	0.16	-0.18	0.43	0.26	-0.14	0.13	0.82	-0.27	0.25	0.15	-0.35	0.10	0.92	0.22	0.02	
NQPTDY	0.15	-0.24	1.43	0.22	-0.34	0.76	0.86	0.00	0.41	0.13	-0.44	0.61	0.85	-0.12	0.01	
QDVZWM							0.89	0.13	0.86				0.88	0.04	1.57	
RBM6QP	1.24	5.89		1.27	4.61		1.07	1.21		1.35	5.59		1.07	1.02		
TG8MJR	0.27	0.45	0.00	0.53	1.15	0.19	1.03	0.95	0.07	0.30	0.43	0.15	1.17	1.56	0.16	
VW99YJ	0.17	-0.10	0.19	0.28	-0.04	0.11	1.00	0.78	0.19	0.20	-0.07	0.21	1.10	1.16	0.28	
W6FXFE	0.14	-0.30	1.32	0.28	-0.04	0.85	0.83	-0.20	0.31	0.15	-0.35	0.31	0.83	-0.23	0.72	
YK4JB6	0.23	0.24	2.12	0.30	0.04	0.74	1.00	0.79	3.66	0.23	0.07	0.52	0.89	0.05	0.80	



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Cl - sp (SubTestCode 110) in the Salinity Property Groups						Data units: mmolc/L
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	0.19	0.29	0.86	0.22	0.88	
Median Abs Dev	0.05	0.05	0.11	0.08	0.11	
Avg Within Lab SD	0.02	0.03	0.09	0.04	0.07	
Labs Included	19	20	21	18	21	
Labs Reporting	19	20	21	18	21	



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	0.69	-0.11	0.24	0.09	-0.77	0.17	0.72	-0.05	0.12	0.42	0.00	0.09	0.62	0.00	0.30	
3LLHFD	0.52	-1.48	0.12	0.13	-0.17		0.52	-1.02	0.25	0.28	-1.56	0.00	0.41	-1.26	0.00	
4772LG	0.56	-1.17	1.41	0.17	0.47	0.34	0.62	-0.51	1.80	0.28	-1.52	0.62	0.53	-0.56	1.23	
4PHQYE	0.70	0.00	0.10				0.83	0.50	0.17				0.74	0.71	0.15	
9PQEAF	0.87	1.42	2.40	0.26	2.01	2.94	0.85	0.59	0.79	0.57	1.63	2.17	0.82	1.18	3.22	
9UGTRV	0.86	1.31	1.33	0.12	-0.28	0.46	0.96	1.08	0.38	0.49	0.72	0.52	0.83	1.28	0.24	
ACHTLG	0.64	-0.48	0.32	0.13	-0.21	0.05	0.75	0.09	0.29	0.41	-0.18	0.34	0.59	-0.20	0.74	
CYGD73	0.74	0.33		0.14	-0.01		0.76	0.14		0.43	0.07		0.65	0.18		
F82HRY	0.51	-1.56	0.47				0.51	-1.07	0.37				0.45	-1.01	0.07	
GAZGFW	0.62	-0.67	0.41				0.66	-0.32	0.25	0.38	-0.51	0.09	0.61	-0.04	0.29	
HTTG7U	0.61	-0.72	1.45	0.16	0.32	1.21	0.55	-0.84	0.59	0.52	1.01	2.95	0.46	-0.96	0.30	
JM74P7	0.74	0.33	0.35	0.11	-0.55	0.35	0.73	0.00	0.21	0.36	-0.65	0.17	0.59	-0.16	0.13	
K8RXD8	0.60	-0.80	0.33	0.10	-0.59	0.34	0.53	-0.95	0.16	0.34	-0.93	0.41	0.53	-0.54	0.60	
MLWD6R	0.71	0.11	0.12	0.21	1.17	0.85	0.79	0.31	1.69	0.37	-0.54	0.25	0.83	1.27	0.20	
NQPTDY	0.82	0.99	0.55	0.14	0.01	0.37	1.01	1.35	0.19	0.46	0.42	0.08	0.76	0.86	0.02	
QDVZWM	0.73	0.28	1.50	0.20	0.92	0.46	0.91	0.84	1.31	0.51	0.98	0.57	0.87	1.50	1.83	
RBM6QP	0.71	0.07		0.04	-1.73		0.68	-0.25		0.38	-0.48		0.55	-0.45		
W6XFXE	0.64	-0.53	0.42	0.18	0.59	0.87	0.71	-0.11	0.07	0.43	0.11	0.23	0.67	0.28	0.66	
YK4JB6	0.75	0.46	1.36	0.20	0.98	0.68	1.32	2.80	2.74	0.44	0.14	0.38	0.68	0.36	0.22	

SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	0.70			0.14			0.73			0.42			0.62			
Median Abs Dev	0.06			0.03			0.11			0.05			0.09			
Avg Within Lab SD	0.05			0.03			0.08			0.07			0.09			
Labs Included	19			16			19			17			19			
Labs Reporting	19			16			19			17			19			



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3LLHFD	4.69	-0.68	0.09	5.17	-0.54	0.07	2.24	-0.90	0.15	9.95	-0.45	0.20	4.69	-1.18	0.09	
4772LG	6.73	0.26	0.71	5.70	0.14	0.04	5.09	0.23	0.53	11.33	0.44	0.23	8.01	0.44	0.15	
4PHQYE	9.88	1.71	0.87	5.59	0.00	2.73	4.70	0.08	0.16	10.63	-0.01	3.38	6.20	-0.44	2.46	
9PQEAF	7.53	0.63	2.94	6.58	1.27	2.42	5.46	0.38	2.96	11.80	0.75	1.00	6.43	-0.33	1.64	
CYGD73	5.28	-0.41		5.69	0.13		2.50	-0.80		10.60	-0.03		6.20	-0.44		
F82HRY	6.21	0.02	0.23	5.49	-0.12	0.25	4.44	-0.03	1.76	10.93	0.18	0.38	7.66	0.27	0.01	
GAZGFW	7.38	0.56	0.85	6.18	0.75	0.18	5.80	0.52	0.61	12.24	1.04	0.30	8.90	0.88	0.66	
HTTG7U	1.21	-2.28	0.26	1.78	-4.86	0.05	0.16	-1.74	0.13	3.55	-4.62	0.32	1.34	-2.82	0.22	
JM74P7	6.13	-0.01	0.10	5.35	-0.30	0.45	1.09	-1.36	0.12	11.33	0.44	0.07	7.33	0.11	0.14	
K7QAQ2	7.86	0.78	0.74	5.80	0.27	0.15	5.74	0.49	0.19	11.64	0.65	0.13	8.68	0.77	0.57	
K8RXD8	6.16	0.00	0.08	5.43	-0.20	0.13	4.51	0.00	0.14	9.86	-0.52	0.38	7.10	0.00	0.61	
MLWD6R	7.09	0.43	0.31	5.59	0.01	0.14	4.97	0.18	0.36	10.90	0.16	0.09	7.96	0.42	0.29	
NQPTDY	3.87	-1.06	0.37	5.60	0.02	0.16	0.33	-1.67	0.33	10.65	0.00	0.48	5.60	-0.74	0.37	
QDVZWM	3.45	-1.25	1.38	4.78	-1.03	0.57	0.57	-1.57	0.90	9.40	-0.81	0.88	4.53	-1.26	1.94	
W6XFXE	6.07	-0.04	0.73	5.21	-0.48	0.05	4.91	0.16	0.59	10.64	0.00	0.08	7.12	0.01	0.18	

NO3 - sp (SubTestCode 112) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	6.16			5.59			4.51			10.7			7.10			
Median Abs Dev	1.22			0.21			1.23			0.7			0.90			
Avg Within Lab SD	0.29			0.57			0.20			0.9			0.44			
Labs Included	15			15			15			15			15			
Labs Reporting	15			15			15			15			15			



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B - sp (SubTestCode 113) in the Salinity Property Groups															Data units: mg/L		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2XKVZJ	0.070	0.000	0.000	0.020	-0.027	0.000	0.043	-0.136	0.424	0.090	-0.221	0.000	0.057	-0.092	0.372		
4PHQYE	0.050	-0.530								0.069	-0.639	0.056					
9PQEAF	0.080	0.269	0.645	0.047	0.836	0.494	0.060	0.318	0.734	0.107	0.114	0.223	0.067	0.092	0.372		
9UGTRV	0.083	0.359	0.372	0.017	-0.135	0.494	0.053	0.136	0.424	0.123	0.449	0.223	0.067	0.092	0.372		
JM74P7	0.063	-0.180	0.745	0.020	-0.027	0.000	0.043	-0.136	0.424	0.073	-0.556	0.446	0.050	-0.216	0.000		
K7QAQ2	0.111	1.093	1.921	0.051	0.966	2.179	0.111	1.696	2.186	0.171	1.413	0.585	0.189	2.351	1.958		
MLWD6R	0.075	0.126	0.162	0.022	0.027	0.049	0.051	0.082	0.169	0.101	0.000	0.215	0.068	0.123	0.609		
NQPTDY	0.056	-0.391	0.871	0.020	-0.027	0.513	0.036	-0.341	0.710	0.074	-0.553	0.303	0.048	-0.249	0.560		
RBM6QP	0.203	3.584		0.151	4.213		0.166	3.206		0.228	2.553		0.185	2.279			
W6XFXE	0.055	-0.393	0.169	0.013	-0.266	0.163	0.026	-0.612	0.042	0.072	-0.580	0.136	0.034	-0.504	0.283		
YK4JB6	0.052	-0.494	1.840	0.028	0.221	1.863	0.045	-0.082	1.616	0.118	0.342	3.033	0.021	-0.745	1.997		

B - sp (SubTestCode 113) in the Salinity Property Groups															Data units: mg/L		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
Grand Median	0.070			0.021			0.048			0.10			0.062				
Median Abs Dev	0.015			0.006			0.008			0.03			0.013				
Avg Within Lab SD	0.016			0.012			0.014			0.03			0.016				
Labs Included	11			10			10			11			10				
Labs Reporting	11			10			10			11			10				



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	0.45	1.73	1.86	0.34	2.58	1.37	0.34	1.40	1.19	0.69	1.65	1.01	0.29	0.76	0.73	
32G3XM	21.00	323.73X		21.27	487.49X	9.04	21.07	342.53X	4.77	21.23	151.24X	4.46	21.03	321.24X	3.64	
4772LG	0.39	0.79	0.57	0.24	0.26	0.34	0.29	0.52	0.00	0.63	1.24	0.34	0.27	0.35	0.36	
6VMYML	0.34	-0.11	0.28	0.23	0.09	0.66	0.25	-0.15	0.23	0.42	-0.29	0.16	0.21	-0.57	0.71	
88CK3F	453.33	099.11X	750.87	323.33	485.90X	788.05	352.00	790.03X	681.99	673.67	902.09X	388.81	300.33	637.06X	759.35	
9DUCMD	0.36	0.21	1.73	0.24	0.37	1.16	0.29	0.55	2.18	0.50	0.27	1.54	0.28	0.54	1.77	
9PQEAF	0.35	0.11	0.49	0.22	-0.05	0.68	0.22	-0.58	1.04	0.55	0.66	1.47	0.27	0.35	0.73	
9QJCF2	0.26	-1.28	0.80	0.16	-1.58	2.11	0.13	-2.08	0.83	0.30	-1.22	2.65	0.14	-1.68	0.36	
ACHTLG	0.38	0.64	1.23	0.20	-0.66	0.36	0.20	-0.92	0.36	0.35	-0.82	0.55	0.19	-0.83	1.12	
DH9GM4	0.38	0.53	0.75	0.22	-0.05	0.34	0.26	-0.03	0.48	0.46	-0.02	0.77	0.25	0.14	0.36	
FNPW7R	0.31	-0.52	0.79	0.24	0.29	0.48	0.29	0.49	0.45	0.59	0.92	0.75	0.28	0.51	0.82	
HUPVV8	0.33	-0.20	0.37	0.23	0.03	0.27	0.25	-0.19	0.43	0.42	-0.31	0.21	0.22	-0.42	0.73	
JM74P7	0.33	-0.21	1.30	0.21	-0.44	0.68	0.24	-0.25	0.48	0.39	-0.56	0.17	0.20	-0.68	0.00	
JQMGJ2	0.20	-2.24	0.00	0.13	-2.14	3.42	0.23	-0.41	2.38	0.43	-0.22	1.69	0.20	-0.68	0.00	
JULU7R	0.37	0.37	1.42	0.20	-0.59	0.00	0.20	-0.96	0.00	0.33	-0.97	0.77	0.15	-1.40	0.36	
KHLGLK	0.32	-0.36	0.00	0.22	-0.05	0.68	0.26	0.03	0.00	0.47	0.02	0.45	0.25	0.04	0.73	
MLWD6R	0.43	1.28	0.34	0.27	0.92	0.82	0.33	1.26	0.43	0.56	0.72	0.42	0.20	-0.74	0.50	
N323UX	0.30	-0.68	0.00	0.20	-0.59	0.00	0.20	-0.96	0.00	0.30	-1.19	0.00	0.10	-2.23	0.00	
RPJJQJ	0.24	-1.67	0.28	0.17	-1.29	0.00	0.20	-0.91	0.24	0.31	-1.09	0.17	0.17	-1.09	0.36	
RQRV9K	0.37	0.37	2.84	0.20	-0.59	0.00	0.27	0.14	2.38	0.57	0.75	1.69	0.23	-0.16	3.64	
TMPAXU	0.33	-0.27	0.37	0.22	-0.03	0.18	0.28	0.38	0.39	0.45	-0.13	0.29	0.24	-0.04	0.65	
U98MLB	0.33	-0.15	0.57	0.23	0.18	0.34	0.22	-0.58	0.24	0.50	0.29	0.17	0.32	1.17	1.26	
W6XFXE	0.36	0.28	0.92	0.30	1.71	1.00	0.30	0.75	1.69	0.53	0.52	1.46	0.27	0.39	0.20	
WCXZYA	0.40	0.84	0.28	0.25	0.57	0.59	0.35	1.45	0.63	0.60	0.97	0.89	0.29	0.76	0.36	
Y74KN9	0.30	-0.68	0.00	0.23	0.10	0.00	0.27	0.19	0.00	0.45	-0.10	0.00	0.27	0.40	0.00	
Z4WJZF	0.39	0.68	0.28	0.27	1.03	0.00	0.32	1.02	0.00	0.64	1.26	0.17	0.26	0.25	0.00	



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups						Data units: dS/m
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	0.34	0.23	0.26	0.46	0.24	
Median Abs Dev	0.03	0.02	0.03	0.09	0.04	
Avg Within Lab SD	0.02	0.02	0.02	0.03	0.02	
Labs Included	24	24	24	24	24	
Labs Reporting	26	26	26	26	26	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3C3742	0.24	0.31	0.00	0.17	0.50	0.00	0.18	0.15	0.00	0.35	0.42	0.00	0.14	0.00	0.06	
3RRDYD	0.25	0.52	0.15	0.18	0.75	0.01	0.21	0.95	0.03	0.38	0.76	0.02	0.16	0.47	0.09	
4772LG	0.20	-0.74	0.13	0.16	0.16	0.22	0.18	0.09	0.34	0.32	0.00	0.33	0.14	-0.20	0.63	
49UBX3	0.22	-0.16	1.46	0.18	0.74	1.68	0.21	1.03	0.89	0.41	1.15	1.46	0.22	2.53	0.00	
8VFE7W	0.19	-1.03	0.34	0.15	-0.14	0.48	0.17	-0.09	0.00	0.31	-0.13	0.33	0.16	0.57	1.09	
9QJCF2	0.17	-1.37	0.63	0.13	-0.49	0.48	0.13	-1.12	1.16	0.29	-0.34	3.03	0.13	-0.31	0.63	
ACHTLG	0.22	-0.14	0.81	0.13	-0.46	0.46	0.14	-0.85	1.03	0.24	-0.98	0.39	0.12	-0.71	1.03	
BN6QHC	0.22	-0.31	1.17	0.15	0.00	1.89	0.15	-0.49	1.63	0.32	-0.03	0.37	0.13	-0.36	1.24	
BQR7BR	0.21	-0.40	0.03	0.14	-0.45	0.30	0.17	-0.11	0.46	0.27	-0.63	0.19	0.11	-1.09	0.17	
CYGD73	0.14	-2.11		0.09	-1.61		0.14	-0.99		0.22	-1.23		0.13	-0.48		
FJWRE9	0.25	0.50	0.21	0.19	0.94	0.10	0.21	0.85	0.19	0.38	0.78	0.12	0.16	0.41	0.28	
GAZGFW	0.26	0.73	0.29	0.20	1.19	0.42	0.18	0.21	0.41	0.32	-0.01	0.40	0.14	-0.16	0.35	
JM74P7	0.23	-0.08	1.46	0.14	-0.40	1.94	0.15	-0.52	0.34	0.31	-0.17	0.70	0.15	0.13	0.63	
JMY2VR	0.24	0.21	0.07	0.17	0.38	0.17	0.18	0.18	0.07	0.35	0.39	0.05	0.15	0.09	0.52	
JVDQTZ	0.19	-0.90	0.86	0.14	-0.30	0.55	0.15	-0.55	0.07	0.31	-0.19	0.52	0.12	-0.75	0.36	
KDPUTW	0.23	-0.08	3.20	0.19	1.00	2.52	0.22	1.20	1.75	0.43	1.36	2.70	0.22	2.42	2.52	
MLWD6R	0.25	0.38	0.58	0.13	-0.56	0.56	0.17	-0.08	0.19	0.32	0.00	0.38	0.14	-0.23	0.41	
NDX9NV	0.12	-2.63	0.83	0.09	-1.56	0.81	0.11	-1.60	1.41	0.17	-1.94	0.18	0.10	-1.37	0.23	
QDVZWM	0.25	0.53	0.27	0.18	0.80	0.32	0.20	0.79	1.06	0.37	0.69	0.15	0.15	0.35	0.93	
RNM9TV	0.23	0.01	0.34	0.15	-0.03	0.46	0.17	-0.08	0.12	0.32	0.02	0.32	0.14	-0.24	0.12	
RQCEDR	0.26	0.78	0.33	0.20	1.20	0.33	0.22	1.09	0.17	0.40	0.98	0.08	0.16	0.50	0.25	
RUF88Q	0.23	0.08	1.77	0.15	0.04	2.11	0.17	0.00	0.89	0.24	-1.08	1.18	0.14	0.02	3.15	
W6XFXE	0.23	0.11	0.37	0.14	-0.35	0.24	0.15	-0.59	0.23	0.33	0.06	1.42	0.12	-0.72	0.30	
XR87NE	0.35	2.77	1.21	0.24	2.23	0.48	0.29	2.92	3.21	0.55	2.94	0.33	0.22	2.64	0.63	
YM8EU9	0.23	0.00	0.00	0.13	-0.58	0.00	0.19	0.34	0.34	0.37	0.60	0.19	0.15	0.13	0.63	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups						Data units: dS/m
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	0.23	0.15	0.17	0.32	0.14	
Median Abs Dev	0.02	0.02	0.02	0.05	0.01	
Avg Within Lab SD	0.02	0.01	0.02	0.03	0.01	
Labs Included	25	25	25	25	25	
Labs Reporting	25	25	25	25	25	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	6.10	-1.19	0.30	4.97	-0.86	0.80	6.52	-1.02	0.62	4.46	-1.11	0.76	5.69	-1.29	0.79	
32G3XM	6.55	2.13	0.70	5.33	1.52	0.32	6.90	1.87	0.33	4.71	0.92	0.29	5.98	1.48	0.35	
3C3742	6.15	-0.82	0.22	5.09	-0.07	0.55	6.61	-0.35	0.45	4.56	-0.35	0.11	5.85	0.23	0.26	
3LLHFD	6.27	0.02	1.12	5.20	0.66	0.00	6.73	0.60	1.25	4.57	-0.27	1.08	5.90	0.74	0.00	
4772LG	6.40	0.99	0.11	5.58	3.15	0.59	6.26	-2.94	0.22	4.85	2.02	0.19	5.60	-2.13	0.13	
49UBX3	6.29	0.17	0.45	5.12	0.11	0.42	6.69	0.30	0.45	4.66	0.49	0.81	5.87	0.42	0.13	
4DNCYG	6.21	-0.40	0.00	5.11	0.07	0.18	6.66	0.05	0.37	4.56	-0.30	0.11	5.80	-0.26	0.13	
4JT9HG	5.27	-7.37X	0.30	5.52	2.80	0.38	6.99	2.54	0.50	7.43	22.86X	0.29	6.78	9.29X	0.48	
4RMDE4	6.59	2.43	1.40	5.31	1.41	0.56	6.69	0.25	0.33	4.79	1.56	0.60	5.93	1.03	0.83	
6V4ZLG	6.45	1.41	0.30	5.30	1.30	0.69	6.74	0.67	0.90	4.75	1.19	0.39	5.96	1.35	0.53	
6VMYML	6.19	-0.57	0.23	5.06	-0.24	0.11	6.69	0.26	0.26	4.55	-0.38	0.00	5.83	0.06	0.24	
7ZVKBJ	6.30	0.27	0.00	5.27	1.10	1.06	6.67	0.10	1.25	4.60	0.00	1.87	5.80	-0.23	0.00	
8JLZ7Y	6.23	-0.27	1.99	5.08	-0.13	0.84	6.65	0.00	1.86	4.62	0.19	0.29	5.79	-0.32	1.14	
8VFE7W	6.14	-0.94	0.49	4.98	-0.79	0.49	6.68	0.22	0.69	4.50	-0.78	0.22	5.83	0.06	0.46	
97TX4X	6.26	0.00	0.30	5.17	0.46	1.20	6.70	0.32	0.50	4.63	0.27	0.88	5.87	0.42	0.48	
9DUCMD	6.17	-0.72	1.12	4.97	-0.88	1.06	6.47	-1.40	1.25	4.53	-0.54	1.08	5.50	-3.13	2.29	
9PQEAF	6.22	-0.30	0.40	5.02	-0.53	0.37	6.63	-0.17	0.65	4.56	-0.32	0.19	5.77	-0.48	0.58	
9QJCF2	6.07	-1.44	0.00	5.17	0.44	3.72	6.38	-2.05	2.63	4.61	0.08	2.60	5.67	-1.48	0.40	
ACHTLG	6.30	0.27	0.85	5.12	0.13	0.18	6.70	0.32	0.69	4.61	0.05	0.47	5.83	0.03	0.58	
BQR7BR	6.20	-0.47	1.94	4.93	-1.10	1.06	6.60	-0.40	2.16	4.33	-2.16	1.08	5.60	-2.16	2.29	
C24P8U	6.34	0.60	0.11	5.06	-0.29	0.21	6.71	0.45	0.25	4.54	-0.46	0.22	5.82	-0.06	0.13	
DH9GM4	6.20	-0.47	0.00	5.07	-0.22	1.06	6.70	0.35	0.00	4.53	-0.54	1.08	5.80	-0.23	0.00	
E8LZB9	6.15	-0.84	1.37	5.05	-0.33	1.30	6.55	-0.77	1.53	4.55	-0.40	1.32	5.70	-1.19	0.00	
FNPW7R	6.30	0.30	0.11	5.09	-0.04	0.21	6.68	0.22	0.62	4.59	-0.08	0.32	5.79	-0.32	0.40	
FQE3QN	6.02	-1.84	0.30	5.65	3.66	0.46	6.02	-4.71	1.02	5.00	3.23	0.67	5.87	0.45	0.40	
GAZGFW	6.50	1.76		5.40	1.98	0.00	6.90	1.85	0.00	4.80	1.62	0.00	6.00	1.71		



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit	
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			Unit	k Score
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
H7HGXW	6.23	-0.22	1.12	4.93	-1.10	1.06	6.70	0.35	0.00	4.67	0.54	1.08	5.90	0.74	0.00		
HUPVV8	6.34	0.55	1.87	5.12	0.15	2.21	6.65	0.00	1.53	4.61	0.11	1.22	5.77	-0.55	2.29		
JM74P7	6.21	-0.42	0.22	4.95	-1.01	1.54	6.56	-0.70	1.14	4.52	-0.67	0.54	5.82	-0.06	0.66		
JMY2VR	6.22	-0.30	0.40	5.10	-0.02	0.53	6.78	0.92	0.12	4.58	-0.13	0.29	5.78	-0.45	0.48		
JNVFK6	6.10	-1.22	1.94	5.13	0.22	2.80	6.50	-1.15	2.16	4.50	-0.81	1.87	5.60	-2.16	2.29		
JQMGJ2	6.23	-0.22	2.97	5.13	0.22	1.06	6.70	0.35	0.00	4.60	0.00	0.00	5.90	0.74	2.29		
JULU7R	6.17	-0.72	0.56	4.92	-1.21	0.53	6.48	-1.27	0.62	4.47	-1.08	1.08	5.68	-1.35	0.66		
JVDQTZ	6.18	-0.62	1.52	5.02	-0.51	1.54	6.71	0.42	0.65	4.59	-0.11	0.71	5.85	0.26	1.43		
KDPUTW	6.25	-0.12	1.96	5.11	0.07	1.93	6.64	-0.12	0.76	4.59	-0.08	1.04	5.82	-0.06	0.87		
KHLGLK	6.27	0.02	0.30	5.08	-0.15	0.11	6.67	0.15	0.25	4.62	0.19	0.22	5.88	0.58	0.13		
KUE6FY	6.37	0.79	0.19	5.13	0.22	0.28	6.72	0.47	0.25	4.67	0.59	0.22	5.85	0.26	0.23		
MLWD6R	6.34	0.55	0.40	5.11	0.07	0.37	6.66	0.02	0.45	4.64	0.30	0.47	5.83	0.06	0.23		
MRNHXV	5.91	-2.63	0.58	4.76	-2.25	0.49	6.36	-2.17	0.25	4.41	-1.54	0.67	5.57	-2.42	0.13		
N323UX	6.30	0.27	0.00	5.20	0.66	0.00	6.70	0.35	0.00	4.60	0.00	0.00	5.80	-0.23	0.00		
NKZBW3	6.37	0.77	1.12	5.20	0.66	0.00	6.67	0.10	1.25	4.87	2.16	2.16	5.87	0.42	1.32		
NQPTDY	6.37	0.77	1.12	5.20	0.66	0.00	6.73	0.60	1.25	4.70	0.81	0.00	5.97	1.39	1.32		
PXNJDF	6.25	-0.12	0.11	5.08	-0.15	0.11	6.64	-0.10	0.00	4.63	0.24	0.00	5.85	0.26	0.00		
Q9HGDK	6.62	2.63	0.49	6.27	7.74X	0.84	5.28	-10.30X	0.76	4.81	1.73	0.60	5.85	0.26	1.37		
QDVZWM	6.20	-0.47	0.00	5.07	-0.22	1.06	6.63	-0.15	1.25	4.57	-0.27	1.08	5.83	0.10	1.32		
R79NYD	6.29	0.17	0.96	5.14	0.26	0.92	6.68	0.17	0.90	4.59	-0.11	0.60	5.79	-0.32	0.79		
RNM9TV	6.17	-0.69	0.00	5.04	-0.42	0.28	6.60	-0.40	0.94	4.58	-0.16	0.19	5.82	-0.03	0.61		
RPJJQJ	6.15	-0.82	0.11	5.00	-0.68	0.11	6.53	-0.92	0.00	4.52	-0.67	0.11	5.76	-0.58	0.13		
RQRV9K	6.27	0.02	1.12	5.07	-0.22	1.06	6.57	-0.65	1.25	4.53	-0.54	1.08	5.87	0.42	1.32		
RUF88Q	6.30	0.25	0.40	5.16	0.40	0.73	6.65	0.00	0.87	4.63	0.27	0.47	5.81	-0.16	0.26		
TMPAXU	6.31	0.32	0.68	5.25	0.99	0.92	6.63	-0.15	0.54	4.69	0.75	1.14	5.81	-0.13	0.92		
U6NKLW	6.27	0.02	1.12	5.17	0.44	1.06	6.57	-0.65	1.25	4.63	0.27	1.08	5.70	-1.19	0.00		



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
U6PM6A	6.28	0.12	0.70	5.15	0.35	0.21	6.62	-0.27	0.54	4.61	0.05	0.47	5.78	-0.45	0.92	
U98MLB	6.30	0.27	0.00	5.07	-0.22	1.06	6.53	-0.90	1.25	4.57	-0.27	1.08	5.83	0.10	1.32	
UECEXT	6.33	0.50	1.03	5.16	0.42	1.19	6.69	0.30	1.11	4.64	0.35	1.43	5.91	0.81	0.87	
UHTQRP	6.36	0.72	0.19	5.19	0.60	0.18	6.61	-0.30	1.76	4.61	0.08	0.19	5.89	0.61	1.34	
W6XFXE	6.20	-0.47	0.67	5.03	-0.44	0.56	6.62	-0.27	0.69	4.87	2.21	3.74	5.91	0.84	0.23	
W8LRWK	6.13	-0.97	1.12	5.03	-0.44	1.06	6.60	-0.40	2.16	4.43	-1.35	1.08	5.73	-0.87	1.32	
WCXZYA	6.23	-0.22	2.97	4.97	-0.88	1.06	6.67	0.10	1.25	4.53	-0.54	1.08	5.83	0.10	2.64	
Y74KN9	6.29	0.20	0.00	5.10	0.00	0.00	6.55	-0.77	0.00	4.77	1.37	0.00	5.73	-0.90	0.00	
YRJZ4E	6.33	0.50	0.19	5.09	-0.07	0.49	6.74	0.62	0.12	4.48	-0.94	0.66	5.82	0.00	0.13	
Z4WJZF	6.15	-0.82	0.11	5.03	-0.44	0.11	6.57	-0.65	0.12	4.53	-0.54	0.11	5.82	0.00	0.48	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	6.26			5.10			6.65			4.60			5.82			
Median Abs Dev	0.07			0.07			0.05			0.06			0.04			
Avg Within Lab SD	0.05			0.05			0.05			0.05			0.04			
Labs Included	61			61			61			61			61			
Labs Reporting	62			62			62			62			62			



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups																Data units: Unit
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3LLHFD	6.37	0.14	0.27	5.20	0.00	0.29	6.83	0.73	0.08	4.73	-0.01	0.64	5.99	0.48	0.25	
3RRDYD	6.14	-0.82	0.03	5.22	0.10	0.30	6.49	-0.64	0.28	4.74	0.01	0.45	5.85	-0.06	0.10	
4772LG	6.60	1.06	0.43	5.41	1.00	0.32	6.23	-1.72	0.77	4.89	0.95	0.71	5.61	-0.97	0.56	
6PY2EX	6.07	-1.10		5.41	0.99		6.51	-0.56		4.62	-0.72		5.82	-0.17		
ACHTLG	6.37	0.14	0.65	5.20	0.00	0.35	6.75	0.41	0.57	4.73	-0.06	1.25	5.94	0.27	0.12	
BN6QHC	6.93	2.41	3.09	5.57	1.71	2.14	7.17	2.11	2.74	4.80	0.40	0.00	6.77	3.40	3.54	
CYGD73	6.23	-0.45		5.17	-0.12		6.63	-0.07		4.85	0.72		5.73	-0.51		
EUZK99	6.13	-0.87	0.34	4.86	-1.54	0.21	6.43	-0.89	0.35	4.41	-2.06	0.89	5.53	-1.26	0.15	
F82HRY	6.50	0.65	0.28	5.27	0.34	0.37	6.72	0.28	0.33	4.76	0.17	0.47	5.95	0.33	0.12	
GAZGFW	6.59	1.00	0.16	5.39	0.88	0.93	6.97	1.32	0.08	4.78	0.26	0.47	6.10	0.87	0.06	
JM74P7	6.34	0.01	0.06	5.16	-0.18	0.08	6.67	0.07	0.76	4.64	-0.62	0.99	5.84	-0.11	0.32	
MLWD6R	6.38	0.15	0.06	5.24	0.22	0.21	6.83	0.73	0.20	4.69	-0.27	0.47	5.91	0.18	0.21	
MNZ9NU	6.20	-0.57	0.28	5.19	-0.03	0.70	6.57	-0.31	0.80	4.77	0.22	0.82	5.74	-0.48	0.27	
NDX9NV	6.27	-0.28	1.87	4.77	-1.97	1.62	6.58	-0.28	1.27	4.37	-2.29	0.62	5.68	-0.69	1.12	
QDVZWM	6.36	0.08	0.37	5.17	-0.12	0.87	6.79	0.59	0.50	4.77	0.19	0.47	6.00	0.52	0.57	
RQCEDR	6.34	-0.01	0.91	5.35	0.69	2.31	6.80	0.60	0.46	4.81	0.47	2.03	5.88	0.06	0.87	
W6XFXE	6.12	-0.88	0.77	5.14	-0.26	0.24	6.60	-0.21	1.47	4.70	-0.20	1.52	6.04	0.66	0.35	
XR87NE	5.97	-1.52	0.62	4.77	-1.99	0.81	6.50	-0.60	1.32	4.33	-2.52	1.78	5.57	-1.13	0.58	

pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups																Data units: Unit
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	6.34			5.20			6.65			4.74			5.87			
Median Abs Dev	0.15			0.07			0.15			0.05			0.13			
Avg Within Lab SD	0.09			0.07			0.08			0.03			0.10			
Labs Included	18			18			18			18			18			
Labs Reporting	18			18			18			18			18			



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pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
8JLZ7Y	5.76	-0.70	0.59	4.68	0.14	0.65	6.15	-0.54	0.95	4.20	-0.33	0.31	5.28	-0.91	0.31	
8VFE7W	5.84	0.00	0.52	4.64	-0.17	0.60	6.22	0.36	0.96	4.23	0.00	0.46	5.36	0.00	0.31	
9PQEAF	5.82	-0.20	0.20	4.62	-0.32	0.08	6.19	0.00	0.24	4.21	-0.22	0.15	5.31	-0.60	0.22	
ACHTLG	5.89	0.44	0.13	4.72	0.55	0.21	6.25	0.80	0.41	4.28	0.51	0.24	5.36	0.00	0.14	
BQR7BR	5.57	-2.38	1.49	4.40	-2.25	0.00	5.97	-2.99	2.75	4.07	-1.79	0.89	5.07	-3.36	1.44	
C24P8U	5.89	0.41	0.15	4.64	-0.14	0.29	6.25	0.80	0.24	4.23	0.04	0.24	5.44	0.91	0.14	
JMY2VR	5.87	0.23	0.39	4.75	0.78	0.28	6.24	0.71	0.14	4.36	1.39	0.18	5.40	0.41	0.22	
JQMGJ2	5.60	-2.09	3.42	4.50	-1.38	3.66	6.20	0.13	0.00	4.33	1.13	3.58	5.47	1.17	3.60	
MLWD6R	5.85	0.09	0.59	4.66	-0.03	0.29	6.18	-0.18	0.28	4.23	-0.04	0.09	5.38	0.15	0.19	
PXNJDF	5.93	0.78	0.00	4.79	1.12	0.00	6.28	1.20	0.00	4.27	0.47	0.09	5.40	0.41	0.00	
R79NYD	5.84	0.03	0.58	4.71	0.43	0.55	6.23	0.49	0.99	4.24	0.15	0.47	5.33	-0.41	0.40	
RPJJQJ	5.81	-0.29	0.07	4.62	-0.35	0.00	6.15	-0.49	0.14	4.19	-0.44	0.00	5.33	-0.34	0.07	
TMPAXU	6.01	1.45	0.66	4.93	2.36	0.79	6.26	0.94	1.45	4.46	2.56	0.95	5.45	0.94	0.83	
UECEXT	5.76	-0.67	0.45	4.66	0.00	0.84	6.12	-0.94	1.04	4.17	-0.62	0.93	5.26	-1.13	0.31	
W6XFXE	5.87	0.29	0.45	4.76	0.84	0.40	6.17	-0.27	0.86	4.31	0.84	0.18	5.36	0.00	0.14	
W8LRWK	5.77	-0.64	0.75	4.67	0.06	0.80	6.17	-0.31	1.38	4.17	-0.69	0.89	5.37	0.04	0.72	
YM8EU9	5.75	-0.78	0.39	4.60	-0.55	0.21	6.17	-0.31	0.60	4.21	-0.26	0.32	5.30	-0.68	0.31	

pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	5.84			4.66			6.19			4.23			5.36			
Median Abs Dev	0.05			0.05			0.04			0.04			0.04			
Avg Within Lab SD	0.08			0.07			0.04			0.06			0.08			
Labs Included	17			17			17			17			17			
Labs Reporting	17			17			17			17			17			



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pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3LLHFD	5.89	0.07	0.39	4.68	-0.29	0.32	6.23	0.23	0.52	4.26	-0.46	0.28	5.37	-0.02	0.26	
4772LG	6.04	1.71	0.52	4.97	2.21	1.60	5.72	-3.50	0.25	4.42	1.63	1.85	5.18	-1.77	0.66	
DH9GM4	5.90	0.22	0.00	4.80	0.74	2.09	6.20	-0.01	2.50	4.30	0.11	0.00	5.40	0.27	2.60	
GAZGFW	6.08	2.22	0.39	4.86	1.27	0.21	6.36	1.15	0.66	4.40	1.37	0.28	5.54	1.55	0.40	
MLWD6R	5.86	-0.18	0.71	4.72	0.03	0.42	6.23	0.21	0.25	4.21	-1.07	0.49	5.35	-0.17	0.15	
QDVZWM	5.83	-0.55	2.57	4.65	-0.59	0.84	6.20	-0.01	0.50	4.25	-0.54	1.96	5.34	-0.33	0.66	
RNM9TV	5.85	-0.36	0.20	4.69	-0.24	0.00	6.20	0.01	0.52	4.28	-0.11	0.28	5.37	0.02	0.30	
W6XFXE	5.87	-0.07	0.52	4.71	-0.03	0.24	6.16	-0.28	0.63	4.30	0.11	0.49	5.51	1.27	0.15	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Grand Median	5.88			4.72			6.20			4.29			5.37		
Median Abs Dev	0.03			0.05			0.03			0.04			0.03			
Avg Within Lab SD	0.03			0.05			0.04			0.02			0.04			
Labs Included	8			8			8			8			8			
Labs Reporting	8			8			8			8			8			



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Soil EC (1:5) H ₂ O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
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			
RQCEDR	0.12		1.00	0.09		1.00	0.10		1.00	0.18		1.00	0.07		1.00			

Soil EC (1:5) H ₂ O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
Grand Median	0.12			0.09			0.10			0.18			0.073					
Median Abs Dev																		
Avg Within Lab SD	0.00			0.00			0.00			0.00			0.001					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ				6.73	-0.05	0.75				5.68	-0.56	0.27	6.99	0.78	0.38	
8VFE7W	6.74	-0.84	0.44	6.59	-0.64	1.04	7.03	0.02	0.41	5.95	0.13	1.05	7.00	0.86	1.52	
ACHTLG	6.61	-1.48	1.23	6.24	-2.07	1.15	6.75	-2.02	0.38	5.19	-1.81	1.62	6.53	-2.64	0.29	
DH9GM4	6.90	-0.05	0.00	6.70	-0.17	0.00	7.03	0.02	0.62	6.00	0.27		6.87	-0.11	1.44	
HUPVV8	7.02	0.56	0.34	6.77	0.13	1.88	7.03	0.00	0.29	5.84	-0.13	1.30	6.89	0.04	0.57	
JMY2VR	6.91	0.00	0.22	6.75	0.05	0.14	6.99	-0.29	0.11	5.70	-0.50	0.37	6.80	-0.63	0.14	
PXNJDF	7.15	1.20	2.54	7.00	1.05	0.58	7.06	0.22	2.80	6.42	1.37	0.52	6.88	-0.04	2.01	
Q9HGDK	6.95	0.20	0.58	6.82	0.32	0.25	6.67	-2.65	0.45	5.96	0.16	1.46	6.82	-0.48	0.76	
RNM9TV	6.76	-0.74	0.00	6.51	-0.94	0.14	6.96	-0.49	0.06	5.56	-0.87	0.10	6.93	0.36	0.00	
U6PM6A	7.11	0.99	0.58	7.06	1.33	1.76	7.08	0.36	0.39	6.26	0.93	0.99	6.99	0.81	0.66	

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	6.91			6.74			7.03			5.90			6.88			
Median Abs Dev	0.15			0.12			0.04			0.21			0.08			
Avg Within Lab SD	0.05			0.04			0.09			0.06			0.04			
Labs Included	9			10			9			10			10			
Labs Reporting	9			10			9			10			10			



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
32G3XM	7.19	1.35	1.19	6.80	0.70	0.50	7.28	1.82	0.51	5.90	0.35	0.49	7.12	0.69	0.69	
4DNCYG	6.96	0.15	0.00	6.71	0.34	0.00	7.20	1.19	0.00	5.80	0.00	0.00	6.94	-0.14	0.33	
4RMDE4	7.09	0.84	0.51	6.68	0.23	1.10	7.00	-0.27	0.84	5.73	-0.25	3.63	6.88	-0.39	0.69	
6V4ZLG	7.00	0.34	0.12	6.67	0.20	0.28	7.09	0.40	0.19	5.74	-0.21	0.12	7.02	0.23	0.00	
8VFE7W	6.83	-0.51	0.89	6.59	-0.13	1.00	7.05	0.05	1.07	5.88	0.29	0.12	7.06	0.39	1.82	
97TX4X				7.47	3.25	0.63				7.09	4.60	0.42	7.65	3.06	0.51	
9DUCMD	6.90	-0.15	0.00	6.60	-0.08	0.00	6.97	-0.55	1.93	5.87	0.24	0.69	6.83	-0.62	1.91	
9PQEAF	6.87	-0.31	0.20	6.57	-0.18	0.55	7.01	-0.25	1.02	5.81	0.04	0.32	6.94	-0.14	0.33	
9QJCF2	6.80	-0.69	2.63	6.42	-0.76	1.68	6.91	-0.95	0.70	5.42	-1.35	1.59	6.68	-1.33	1.38	
9UGTRV	6.75	-0.91	0.51	6.47	-0.59	0.69	7.01	-0.22	0.33	5.69	-0.39	0.32	6.97	-0.02	0.51	
BQR7BR	6.97	0.19	1.18	6.67	0.18	2.77	7.10	0.45	0.00	6.00	0.71		7.13	0.74	1.91	
C24P8U	7.06	0.67	0.20	6.86	0.91	0.37	7.14	0.72	0.39	5.78	-0.06	0.18	7.01	0.18	0.33	
FNPW7R	7.04	0.58	2.00	6.62	0.00	1.66	7.13	0.65	2.15	5.85	0.18	1.04	6.97	0.00	1.19	
FQE3QN	7.27	1.73	0.62	7.13	1.94	0.73	7.18	1.02	1.07	6.36	2.00	0.12	7.22	1.12	0.19	
JM74P7	6.67	-1.35	0.42	6.43	-0.71	0.69	6.98	-0.42	0.70	5.70	-0.35	0.07	6.97	-0.02	0.69	
JULU7R	6.68	-1.27	0.59	6.32	-1.16	0.69	6.78	-1.92	0.97	5.50	-1.07		6.67	-1.37	0.96	
K7QAQ2	6.71	-1.11	0.31	6.38	-0.92	0.48	6.96	-0.57	0.39	5.60	-0.71	0.00	6.91	-0.26	0.38	
N323UX	7.00	0.36		6.70	0.31	0.00	7.20	1.19	0.00	5.80	0.00	0.00	7.10	0.59	0.00	
NQPTDY	6.97	0.19	1.18	6.93	1.20	1.39	7.03	-0.05	1.93	6.00	0.71		7.13	0.74	1.91	
U6NKLW	6.87	-0.33	1.18	6.60	-0.08	0.00	7.00	-0.30		5.70	-0.36	0.00	6.60	-1.67	0.00	
UHTQRP	6.84	-0.45	0.31	6.54	-0.31	0.48	7.11	0.50	0.51	5.72	-0.30	0.25	7.08	0.50	0.00	



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups						Data units: Unit
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	6.93	6.62	7.04	5.80	6.97	
Median Abs Dev	0.11	0.09	0.07	0.10	0.11	
Avg Within Lab SD	0.05	0.04	0.03	0.08	0.03	
Labs Included	20	21	20	21	21	
Labs Reporting	20	21	20	21	21	



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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	7.47		1.34	7.35		1.15	7.60		1.22	6.93		0.93	7.67		1.42	
3C3742	7.59		0.45	7.46		0.00	7.63		0.71	6.98		0.42	7.64		0.41	
49UBX3	7.59		1.24	7.48		1.40	7.62		1.39	7.03		1.23	7.62		1.03	
JMY2VR	7.53		0.67	7.40		0.83	7.59		0.27	6.97		1.21	7.60		0.86	
Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median		7.56			7.43			7.61			6.98			7.63		
Median Abs Dev																
Avg Within Lab SD		0.03			0.03			0.02			0.04			0.02		
Labs Included		4			4			4			4			4		
Labs Reporting		4			4			4			4			4		



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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9PQEAF	6.75	-0.02	0.44	6.57	0.03	0.15	6.82	0.18	0.55	5.87	0.10	0.71	6.72	0.08	0.35	
ACHTLG	6.81	0.59	0.44	6.60	0.31	0.46	6.86	0.61	0.55	5.56	-0.95	0.76	6.71	0.05	0.98	
BQR7BR	6.77	0.13	1.65	6.60	0.31	0.00	6.83	0.31	2.06	6.00	0.52		6.80	0.74	0.00	
C24P8U	6.74	-0.17	0.29	6.56	-0.03	0.13	6.81	-0.04	0.21	5.54	-1.02	0.22	6.70	-0.05	0.17	
HUPV8	6.62	-1.58	1.62	6.34	-1.89	2.92	6.64	-2.23	1.56	5.68	-0.56	2.51	6.43	-2.20	2.93	
JMY2VR	6.76	0.02	0.16	6.56	-0.06	0.37	6.81	0.04	1.35	5.85	0.03	0.33	6.65	-0.45	0.17	
PXNJDF	6.92	1.89	0.00	6.81	2.09	0.00	6.89	1.05	0.00	6.30	1.52	0.00	6.83	0.98	0.00	
RPJJQJ	6.68	-0.82	0.16	6.50	-0.56	0.07	6.74	-0.88	0.21	6.10	0.87	0.08	6.72	0.08	0.10	
TMPAXU	6.63	-1.39	1.19	6.39	-1.44	0.74	6.71	-1.27	0.90	5.50	-1.14	0.87	6.55	-1.27	0.52	
U98MLB	6.77	0.13	1.65	6.57	0.03	0.73	6.80	-0.13	0.00	5.83	-0.03	0.83	6.60	-0.85	0.00	

Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	6.76			6.56			6.81			5.84			6.71			
Median Abs Dev	0.03			0.04			0.04			0.21			0.08			
Avg Within Lab SD	0.04			0.08			0.03			0.07			0.06			
Labs Included	10			10			10			10			10			
Labs Reporting	10			10			10			10			10			



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
BQR7BR	6.30		0.00	6.27		0.77	6.50			5.77		0.93	6.40		0.00	
JQMGJ2	6.30		0.00	6.10		1.34	6.43		1.49	5.47		0.93	6.30		1.75	
KDPUTW	6.25		1.79	6.15		0.99	6.38		0.60	5.61		1.18	6.26		0.93	
RUF88Q	6.24		0.88	6.07		0.79	6.36		0.65	5.51		0.94	6.21		0.27	
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	6.28			6.13			6.41			5.56			6.28			
Median Abs Dev																
Avg Within Lab SD	0.03			0.07			0.04			0.06			0.06			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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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	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	45.5	0.6	0.0	38.2	0.9	0.1	25.9	0.2	0.1	74.6	0.7	0.1	23.7	-0.4	0.2	
32G3XM	26.7	-1.5	0.1	24.2	-2.1	1.4	20.6	-1.4	2.1	51.5	-1.7	0.2	25.2	-0.1	0.1	
3C3742	32.3	-0.8	0.6	26.8	-1.6	0.6	21.0	-1.2	1.1	59.7	-0.8	0.1	25.7	0.1	0.6	
3RRDYD	50.6	1.2	0.1	41.9	1.7	0.2	29.8	1.4	0.2	78.5	1.2	0.1	27.6	0.5	0.0	
49UBX3	38.2	-0.2	4.5	37.2	0.7	2.4	28.0	0.8	4.2	76.7	1.0	4.7	34.3	2.0	3.8	
6PY2EX	46.9	0.8		36.2	0.4		26.2	0.3		69.9	0.2		31.7	1.4		
6V4ZLG	35.2	-0.5	0.1	33.7	-0.1	0.3	26.8	0.5	0.2	70.1	0.3	0.2	29.7	1.0	0.2	
6VMYML	39.7	0.0	1.0	34.1	0.0	0.1	22.4	-0.8	0.1	66.2	-0.1	0.4	20.5	-1.1	0.2	
7ZVKBJ	32.5	-0.8	0.3	30.0	-0.9	0.7	24.8	-0.1	1.1	66.3	-0.1	0.2	26.6	0.3	0.1	
8VFE7W	49.5	1.1	0.1	41.7	1.6	0.5	28.4	0.9	0.4	78.4	1.1	0.3	27.0	0.4	0.3	
9DUCMD	34.1	-0.6	0.4	31.4	-0.6	1.2	25.9	0.2	0.6	58.9	-0.9	0.2	26.7	0.3	0.9	
9PQEAF	39.2	-0.1	0.7	35.1	0.2	1.2	25.3	0.0	0.5	67.5	0.0	1.0	27.3	0.4	1.1	
ACHTLG	41.9	0.3	0.3	36.6	0.5	0.2	29.8	1.4	0.2	72.1	0.5	0.1	34.0	2.0	0.5	
BN6QHC	43.7	0.4	0.5	36.0	0.4	0.6	25.7	0.1	0.4	64.3	-0.3	0.4	23.0	-0.6	0.6	
BQR7BR	42.7	0.3	0.4	34.3	0.0	0.4	23.7	-0.5	0.4	68.3	0.1	0.5	21.3	-0.9	0.4	
CYGD73	42.1	0.3		33.8	-0.1		24.7	-0.1		65.6	-0.2		22.8	-0.6		
DH9GM4	43.5	0.4	0.7	36.7	0.6	0.2	24.0	-0.4	0.2	67.5	0.0	2.2	23.4	-0.5	0.1	
ERD28B	37.1	-0.3	0.5	32.3	-0.4	0.5	27.2	0.6	0.9	68.3	0.1	0.5	31.9	1.5	0.3	
FNPW7R	36.1	-0.4	0.5	30.8	-0.7	0.5	25.2	0.0	0.6	69.3	0.2	0.2	26.7	0.3	0.5	
HTTG7U	43.8	0.5	0.1	35.5	0.3	0.7	24.6	-0.2	0.6	67.1	0.0	0.1	22.6	-0.7	0.1	
JM74P7	31.3	-0.9	0.5	30.0	-0.9		22.7	-0.8	1.3	66.3	-0.1	0.5	25.3	0.0	0.4	
JMY2VR	45.8	0.7	0.3	37.8	0.8	0.3	26.6	0.4	0.2	73.6	0.6	0.6	25.3	0.0	1.2	
JULU7R	33.7	-0.7	0.2	31.7	-0.5	0.4	25.3	0.0	0.4	56.7	-1.1	0.2	29.3	0.9	0.4	
KHLGLK	30.0	-1.1	0.3	27.3	-1.5	0.4	21.7	-1.1	0.7	47.3	-2.1	0.4	22.3	-0.7	0.7	
MNZ9NU	43.8	0.5	0.6	35.0	0.2	0.3	22.9	-0.7	0.6	76.4	0.9	0.3	22.3	-0.7	0.5	
NDX9NV	49.6	1.1	1.0	40.8	1.4	3.0	28.7	1.0	1.8	73.0	0.6	1.3	26.7	0.3	2.7	



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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	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NQPTDY	35.5	-0.5	0.2	32.5	-0.4	0.3	25.0	-0.1	0.3	64.0	-0.4		27.7	0.5	0.2	
Q9HGDK	9.2	-3.4	0.1	34.4	0.1	0.4	36.8	3.5	0.9	63.3	-0.4	0.5	33.1	1.7	1.1	
RBM6QP	41.3	0.2	0.4	33.5	-0.1	0.4	23.4	-0.5	0.3	71.0	0.4	0.6	24.0	-0.3	0.2	
RNM9TV	45.1	0.6	0.4	36.7	0.6	0.2	25.9	0.2	0.2	70.8	0.3	0.9	24.4	-0.2	0.2	
RQRV9K	49.9	1.1	2.7	33.0	-0.2	0.4	23.4	-0.5	0.6	85.3	1.9	1.1	25.5	0.0	1.9	
TCPL2Q	43.2	0.4	0.1	36.0	0.4	0.1	24.6	-0.2	0.1	67.5	0.0	0.2	22.4	-0.7	0.3	
TMPAXU	35.9	-0.4	0.2	32.3	-0.4	0.1	24.8	-0.1	0.2	60.6	-0.7	0.3	25.3	0.0	0.2	
U6NKLW	36.1	-0.4	0.2	31.3	-0.6	1.1	21.2	-1.2	0.2	54.6	-1.4	0.2	21.4	-0.9	1.0	
U98MLB	36.0	-0.4	0.2	29.4	-1.0	0.6	24.2	-0.3	0.5	67.7	0.0	0.1	28.6	0.7	0.8	
WCXZYA	47.3	0.9	1.1	40.0	1.3	3.2	31.7	1.9	1.0	98.0	3.2	0.9	26.3	0.2	1.5	
XR87NE	31.8	-0.9	0.6	27.5	-1.4	0.6	18.6	-2.0	0.9	55.7	-1.2	0.6	20.0	-1.3	0.6	
YK4JB6	34.4	-0.6	0.3	33.6	-0.1	0.6	27.3	0.6	0.3	57.2	-1.1	0.3	31.6	1.4	0.4	
YM8EU9	44.2	0.5	1.4	36.7	0.6	0.4	25.2	0.0	0.1	67.2	0.0	0.7	22.6	-0.7	0.1	

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	39.7			34.1			25.2			67.5			25.5			
Median Abs Dev	4.6			2.6			1.6			4.3			2.5			
Avg Within Lab SD	3.1			1.6			1.5			3.2			1.6			
Labs Included	39			39			39			39			39			
Labs Reporting	39			39			39			39			39			



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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9UGTRV	38.6	-0.3	0.8	35.0	0.4	0.7	25.0	-0.4	0.5	65.3	-0.4	1.1	23.7	-0.4	0.4	
EKTNLQ	66.3	2.7	0.8	51.7	3.5	1.2	40.3	2.3	0.5	93.0	2.2	1.4	35.3	1.7	1.1	
FQE3QN	37.6	-0.4	0.3	36.8	0.7	0.3	27.3	0.0	1.0	69.5	0.0	0.2	31.1	0.9	0.7	
H7HGXW	41.7	0.0	0.2	31.3	-0.3	0.5	27.0	0.0	1.4	61.7	-0.7	0.5	31.3	1.0	0.4	
HUPVV8	42.8	0.1	0.8	33.0	0.0	1.1	25.5	-0.3	0.9	60.3	-0.9	0.9	23.1	-0.5	1.0	
MRNHXV	56.7	1.6	0.6	38.5	1.0	0.4	38.8	2.1	1.3	72.3	0.3	1.0	31.8	1.1	0.7	
N323UX	41.0	-0.1		31.0	-0.4		31.0	0.7		75.0	0.5		31.0	0.9		
NKZBW3	32.0	-1.0		32.0	-0.2	1.6	24.0	-0.5	1.6	68.0	-0.1	1.4	22.3	-0.7	0.4	
RQRV9K	49.9	0.9	2.6	33.0	0.0	0.5	23.4	-0.6	0.7	85.3	1.5	1.4	25.5	-0.1	2.2	
RUF88Q	41.5	0.0	0.3	32.5	-0.1	0.7	29.1	0.4	0.9	62.8	-0.6	0.4	26.0	0.0	0.6	
UHTQRP	43.7	0.2	0.2	37.2	0.8	1.6	26.4	-0.1	0.4	70.1	0.1	0.7	25.7	-0.1	1.0	

NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	41.7			33.0			27.0			69.5			26.0			
Median Abs Dev	3.1			2.0			2.1			5.5			3.7			
Avg Within Lab SD	3.2			1.2			1.2			2.5			1.4			
Labs Included	11			11			11			11			11			
Labs Reporting	11			11			11			11			11			



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	46.9	-0.4	0.2	37.7	0.0	0.9	27.0	0.0	0.6	72.2	0.0	0.4	24.5	-0.2	0.1	
9QJCF2	41.6	-1.0	0.2	34.2	-0.5	0.5	25.3	-0.3	1.4	59.2	-0.9	0.2	22.4	-0.7	1.2	
FARMK7	62.2	1.5	0.4	48.5	1.6	2.0	32.0	0.9	1.4	63.4	-0.6	1.4	29.6	0.9	1.0	
K7QAQ2	53.7	0.5	0.1	42.2	0.7	0.2	36.5	1.6	0.1	85.2	0.9	0.0	32.8	1.6	0.3	
RQRV9K	49.9	0.0	2.2	33.0	-0.7	0.4	23.4	-0.6	0.8	85.3	0.9	1.7	25.5	0.0	1.6	

NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	49.9			37.7			27.0			72.2			25.5			
Median Abs Dev	3.8			4.6			3.5			13.0			3.1			
Avg Within Lab SD	3.8			1.8			1.0			2.1			1.9			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
													SRS1615		
SRS1611				SRS1612			SRS1613			SRS1614					
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
QDVZWM	47.5		0.5	39.1		1.3	27.3		0.4	79.3		0.4	25.2		0.2
RQRV9K	49.9		1.3	33.0		0.5	23.4		1.4	85.3		1.4	25.5		1.4
NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
													SRS1615		
SRS1611			SRS1612			SRS1613			SRS1614						
Grand Median	48.7		36.1			25.4			82.3			25.3			
Median Abs Dev															
Avg Within Lab SD	6.2		1.4			0.6			2.7			2.2			
Labs Included	2		2			2			2			2			
Labs Reporting	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	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	9.43	0.04	0.11	5.53	0.87	0.14	5.93	0.55	0.16	38.33	1.00	1.20	7.90	0.81	0.20	
3C3742	9.04	-0.09	0.14	1.78	-0.99	0.27	4.40	-0.34	0.10	27.97	-0.68	0.32	5.74	-0.14	0.97	
6PY2EX	7.34	-0.66		4.22	0.22		5.02	0.02		21.62	-1.71		8.50	1.07		
6V4ZLG	8.58	-0.25	0.32	3.70	-0.04	0.18	5.38	0.23	0.10	33.43	0.21	0.35	7.42	0.60	0.05	
6VMYML	9.30	-0.01	0.38	3.54	-0.12	0.08	4.03	-0.55	0.22	24.98	-1.17	0.16	5.04	-0.44	0.01	
7ZVKBJ	8.83	-0.16	0.23	1.70	-1.03	0.62	5.30	0.18	2.32	29.20	-0.48	0.41	5.23	-0.36	2.22	
8VFE7W	16.80	2.49	1.29	9.60	2.89	1.46	9.63	2.68	1.10	41.23	1.47	1.30	11.30	2.30	0.20	
9PQEAF	6.38	-0.98	1.99	2.72	-0.53	1.62	4.19	-0.46	1.92	27.13	-0.82	2.17	5.25	-0.36	2.00	
9QJCF2	9.36	0.01	0.99	3.80	0.01	0.66	4.26	-0.42	0.71	26.07	-0.99	0.49	5.27	-0.35	0.51	
ACHTLG	7.28	-0.68	2.25	2.18	-0.79	1.41	4.28	-0.41	1.83	33.23	0.17	0.47	7.53	0.65	2.07	
BN6QHC	12.10	0.93	0.71	5.22	0.71	0.71	6.09	0.64	0.77	34.93	0.45	0.56	6.96	0.39	0.48	
BQR7BR	17.60	2.76	0.68	9.57	2.87	0.49	9.57	2.64	0.16	36.93	0.78	0.25	9.67	1.58	0.99	
CYGD73	10.50	0.39		4.10	0.16		4.90	-0.05		30.90	-0.21		5.80	-0.11		
DH9GM4	10.80	0.49	0.90	3.57	-0.11	0.98	5.13	0.08	1.34	32.27	0.02	3.04	6.40	0.15	1.12	
FARMK7	13.77	1.48	0.30	6.13	1.17	0.98	7.03	1.18	0.87	43.60	1.86	0.93	8.47	1.06	1.16	
JM74P7	8.00	-0.44		3.33	-0.22	1.35	4.00	-0.57		25.67	-1.06	0.45	4.00	-0.90		
KHLGLK	6.70	-0.88	0.59	4.67	0.44	1.35	1.87	-1.80	0.63	27.33	-0.78	1.20	4.00	-0.90		
NQPTDY	9.18	-0.05	0.11	2.92	-0.43	0.24	3.65	-0.77	0.24	33.12	0.16	0.40	4.52	-0.68	0.21	
RNM9TV	11.49	0.72	0.27	4.55	0.38	0.16	5.40	0.24	0.08	34.85	0.44	0.05	6.32	0.11	0.05	
TCPL2Q	10.84	0.51	0.06	3.95	0.08	0.03	4.95	-0.02	0.09	34.19	0.33	0.05	5.65	-0.18	0.05	
U6NKLW	12.59	1.09	1.78	6.29	1.25	1.44	6.88	1.09	1.55	32.06	-0.02	0.30	9.40	1.47	1.06	
U98MLB	7.93	-0.46	0.11	3.53	-0.12	0.14	5.13	0.08	0.16	33.70	0.25	0.21	7.60	0.68	0.20	
XR87NE	7.55	-0.59	0.56	2.31	-0.73	2.41	3.23	-1.02	0.55	27.10	-0.82	0.59	4.42	-0.72	0.69	
YM8EU9	9.37	0.01	1.78	3.76	-0.01	0.11	4.68	-0.18	0.60	30.21	-0.32	0.71	5.62	-0.19	0.05	



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NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups						Data units: mg/kg
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	9.33	3.78	4.99	32.2	6.06	
Median Abs Dev	1.50	0.88	0.76	3.6	1.42	
Avg Within Lab SD	0.51	0.43	0.37	1.3	0.50	
Labs Included	24	24	24	24	24	
Labs Reporting	24	24	24	24	24	



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	34.00	1.81		7.37	0.91	0.24	26.00	1.50		132.33	1.79	0.21	29.00	0.07		
32G3XM	28.15	0.26	0.51	3.59	-1.78	0.12	18.84	-1.67	0.13	101.65	-0.39	1.04	23.65	-1.00	0.25	
3C3742	30.76	0.95	0.51	4.70	-0.99	0.41	22.62	0.00	0.97	136.73	2.10	1.62	30.14	0.29	0.16	
6V4ZLG	27.40	0.06	1.02	6.09	0.00	0.19	24.20	0.70	0.18	114.33	0.51	1.07	28.67	0.00	0.66	
8JLZ7Y	33.00	1.55	1.11	6.67	0.41	2.36	25.67	1.35	0.53	102.67	-0.31	0.21	30.67	0.40	1.18	
8VFE7W	25.00	-0.57		5.00	-0.78		21.00	-0.72		112.00	0.35	0.98	25.00	-0.73	1.03	
9DUCMD	28.33	0.31	0.64	7.67	1.12	1.18	23.00	0.17	0.92	108.67	0.11	0.77	28.67	0.00	0.59	
9PQEAF	29.53	0.63	1.19	7.47	0.98	0.92	23.80	0.52	1.20	121.03	0.99	0.44	30.27	0.32	0.52	
9QJCF2	30.30	0.83	1.09	6.37	0.20	1.02	21.47	-0.51	1.25	121.00	0.98	0.64	25.00	-0.73	1.18	
ACHTLG	21.59	-1.48	1.21	4.31	-1.27	1.01	19.28	-1.48	0.65	116.58	0.67	0.58	19.75	-1.78	0.41	
C24P8U	27.00	-0.04	0.62	5.57	-0.38	0.12	22.20	-0.19	0.16	97.00	-0.72	0.06	37.03	1.67	0.12	
FNPW7R	26.00	-0.31	1.11	6.00	-0.07		22.67	0.02	0.53	111.33	0.30	1.87	26.33	-0.47	1.57	
FQE3QN	25.87	-0.34	0.34	8.05	1.40	0.39	22.63	0.00	0.19	114.33	0.51	1.19	28.70	0.01	0.62	
JULU7R	35.67	2.26	0.64	6.33	0.17	1.18	24.67	0.91	0.53	121.00	0.98	0.64	27.33	-0.27	0.59	
KUE6FY	26.50	-0.18		6.67	0.41	0.59	21.67	-0.42	0.70	102.00	-0.36		29.00	0.07	1.03	
N323UX	22.33	-1.28	1.70	6.67	0.41	1.18	21.00	-0.72		104.67	-0.17	0.21	27.67	-0.20	0.59	
PXNJDF	26.27	-0.24	0.13	5.10	-0.71	0.82	20.40	-0.98	0.16	88.30	-1.33	0.30	51.13	4.48	0.95	
Q9HGDK	28.57	0.37	1.12	29.67	16.81X	2.90	8.00	-6.48X	0.40	102.53	-0.32	0.86	34.07	1.08	1.41	
R79NYD	29.17	0.53	0.68	8.13	1.45	0.51	25.37	1.22	0.63	90.67	-1.17	0.93	27.13	-0.31	0.66	
TMPAXU	23.00	-1.11	2.22	6.00	-0.07	2.05	19.67	-1.31	1.41	104.67	-0.17	2.81	22.00	-1.33	2.05	
U6NKLW	24.40	-0.73	0.16	6.64	0.39	0.06	22.81	0.08	0.45	105.54	-0.11	0.23	27.68	-0.20	1.86	
U98MLB	26.57	-0.16	0.06	5.67	-0.30	0.12	22.27	-0.16	0.14	115.03	0.56	0.24	27.30	-0.27	0.41	
UECEXT	27.33	0.04	0.64	5.33	-0.54	1.18	22.33	-0.13	0.53	100.00	-0.50	0.37	30.00	0.27	1.03	
W8LRWK	26.67	-0.13	1.28	5.00	-0.78		24.33	0.76	3.23	96.33	-0.76	0.57	30.00	0.27		



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups						Data units: mg/kg
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	27.2	6.09	22.6	107.1	28.7	
Median Abs Dev	1.7	0.76	1.6	7.2	1.5	
Avg Within Lab SD	0.9	0.49	1.1	2.7	1.0	
Labs Included	24	23	23	24	24	
Labs Reporting	24	24	24	24	24	



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PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
6PY2EX	25.50	-0.02	0.92	2.00	-1.53		14.50	-0.88	0.59	90.00	0.00	0.65	16.50	-1.52	0.84	
9QJCF2	30.30	1.40	1.28	6.37	0.14	1.40	21.47	0.96	1.14	121.00	1.72	0.40	25.00	0.28	1.38	
DH9GM4	30.93	1.59	0.49	8.70	1.03	1.01	23.47	1.49	0.56	101.57	0.64	2.02	28.73	1.08	0.69	
JM74P7	24.33	-0.36	1.50	6.00	0.00		17.67	-0.04	1.74	72.67	-0.96	0.58	23.67	0.00	1.38	
Z4WJZF	25.57	0.00	0.19	4.27	-0.66	0.12	17.83	0.00	0.07	89.19	-0.05	0.10	21.37	-0.49	0.12	

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	25.6			6.00			17.8			90.0			23.7			
Median Abs Dev	1.2			1.73			3.3			11.6			2.3			
Avg Within Lab SD	0.8			0.36			1.2			4.3			0.8			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	16.33	0.09	0.45	4.03	-0.43	0.18	8.97	0.00	0.15	54.67	-0.51	0.16	7.30	-0.31	0.75	
2XKVZJ	12.67	-0.53	0.45	1.00	-1.23		3.00	-1.52		56.67	-0.38	0.16				
32G3XM	14.81	-0.16	0.48	6.54	0.23	0.05	8.96	0.00	0.65	58.89	-0.24	0.57	8.47	-0.01	0.45	
3RRDYD	12.89	-0.49	0.15	3.96	-0.45	0.06	6.35	-0.66	0.13	51.13	-0.74	0.23	5.50	-0.78	0.02	
6VMYML	16.00	0.04	0.15	4.98	-0.18	0.01	8.62	-0.09	0.02	60.73	-0.12	0.03	6.86	-0.43	0.35	
8VFE7W	12.67	-0.53	0.89	3.67	-0.53	0.67	6.67	-0.58	0.56	68.67	0.38	0.42	6.33	-0.56	0.57	
9DUCMD	15.00	-0.13	0.77	5.67	0.00	0.67	9.33	0.10	0.56	63.67	0.06	0.42	10.33	0.46	0.57	
9PQEAF	15.67	-0.02	0.25	5.13	-0.14	1.25	8.88	-0.02	0.63	74.27	0.74	0.53	9.52	0.26	0.27	
9QJCF2	17.03	0.21	0.58	6.01	0.09	0.86	8.62	-0.09	0.47	69.93	0.46	0.60	7.38	-0.29	0.49	
9UGTRV	19.00	0.55	0.35	5.90	0.06	0.31	9.03	0.02	0.56	59.93	-0.17	0.34	8.37	-0.04	0.60	
ACHTLG	15.78	0.00	1.39	2.57	-0.82	0.57	11.24	0.58	0.88	68.87	0.40	0.43	10.37	0.47	0.69	
BN6QHC	15.33	-0.08	0.45	5.50	-0.04	0.31	7.67	-0.33	0.25	64.67	0.13	0.69	6.13	-0.61	0.23	
BQR7BR	24.00	1.40		14.67	2.38	1.34	15.00	1.54	2.58	73.67	0.70	0.57	10.33	0.46	1.14	
CYGD73	19.70	0.67		6.00	0.09		9.20	0.06		60.40	-0.14		7.60	-0.24		
DH9GM4	12.00	-0.64	0.77	0.07	-1.48	0.02	3.33	-1.43	0.56	62.67	0.00	1.11	3.33	-1.33	0.57	
EKTNLQ	23.33	1.29	1.78	12.67	1.85	1.77	10.33	0.35	1.49	56.33	-0.40	0.32	13.00	1.15	1.98	
ERD28B	14.17	-0.27	0.67	5.90	0.06	0.80	9.23	0.07	0.71	56.27	-0.41	0.91	8.73	0.05	0.75	
FNPW7R	13.67	-0.36	0.45	4.00	-0.44		7.67	-0.33	0.56	66.33	0.23	0.57	8.00	-0.13		
HTTG7U	39.67	4.07	0.89	15.00	2.47	1.16	21.67	3.23	1.13	119.00	3.59	4.59	18.33	2.52	0.57	
HUPVV8	20.99	0.89	2.43	6.56	0.24	0.84	9.24	0.07	0.80	67.54	0.31	0.95	8.58	0.01	0.87	
JM74P7	17.00	0.21	2.04	5.00	-0.18		6.67	-0.58	2.03	71.00	0.53	1.10	8.33	-0.05	2.06	
JULU7R	19.33	0.61	0.45	6.33	0.18	0.67	9.67	0.18	0.56	53.33	-0.59	0.16	9.67	0.29	0.57	
K7QAQ2	22.17	1.09	0.17	6.62	0.25	0.23	11.80	0.72	0.20	42.20	-1.30	0.07	11.80	0.84	0.20	
N323UX	12.00	-0.64		5.00	-0.18		7.33	-0.41	0.56	72.33	0.62	0.16	9.00	0.12		
Q9HGDK	8.70	-1.21	0.43	13.27	2.01	1.00	11.80	0.72	1.06	62.80	0.01	0.64	21.43	3.31	1.19	
RBM6QP	60.19	7.57X	0.28	22.33	4.41X	1.26	31.07	5.63X	1.75	151.35	5.65X	5.68	34.75	6.73X	2.25	



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RQRV9K	9.03	-1.15	1.27	2.10	-0.94	0.53	1.47	-1.91	0.06	3.20	-3.79	0.03	1.66	-1.76	0.04	
U98MLB	12.60	-0.54	0.28	3.23	-0.64	0.18	6.93	-0.51	0.25	55.67	-0.45	0.27	7.33	-0.31	0.41	
WCXZYA	21.00	0.89	2.04	15.00	2.47	3.48	15.33	1.62	2.46	62.67	0.00	0.69	12.67	1.06	2.49	
XR87NE	21.75	1.02	0.79	7.97	0.61	0.14	19.84	2.77	1.25	84.81	1.41	0.77	14.55	1.55	1.07	
YK4JB6	11.61	-0.71	1.05	5.96	0.08	0.82	8.13	-0.21	0.79	36.85	-1.64	0.39	9.29	0.20	1.88	
Z4WJZF	18.16	0.41	0.15	5.09	-0.15	0.10	8.20	-0.19	0.13	69.56	0.44	0.05	6.14	-0.61	0.05	

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	15.8			5.67			8.96			62.7			8.52			
Median Abs Dev	3.2			0.96			1.38			6.4			1.74			
Avg Within Lab SD	1.3			0.86			1.02			3.6			1.01			
Labs Included	31			31			31			31			30			
Labs Reporting	32			32			32			32			31			



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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	6.43		1.00	0.60		0.00	2.93		1.00	7.93		0.13	2.97		0.54	
DH9GM4	6.00			1.00			3.00			8.00			2.33		1.50	
JQMGJ2	3.50			1.00			1.00			3.83		1.71	1.00			
KHLGLK	5.63		1.00	1.07		1.41	4.43		1.00	9.10		0.22	3.90		0.69	
PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	5.82			1.00			2.97			7.97			2.65			
Median Abs Dev																
Avg Within Lab SD	0.06			0.04			0.06			0.45			0.39			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS1611				SRS1612			SRS1613			SRS1614			SRS1615			
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	
BN6QHC	24.00		1.00	3.97		1.00	15.00			74.33		1.00	14.33		1.00	
CYGD73	20.10			3.50			13.00			68.00			13.30			
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS1611				SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	22.1			3.73			14.0			71.2			13.8			
Median Abs Dev																
Avg Within Lab SD	1.0			0.50			0.0			0.6			0.6			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	52.7	1.5	0.4	12.0	0.4		65.0	1.0		212.3	0.8	0.6	37.0	0.4	0.4	
6PY2EX	50.5	1.2	0.5	7.0	-1.1		50.5	-0.5	0.7	193.0	0.0	1.4	27.5	-1.1	0.3	
8VFE7W	34.7	-0.6	1.1	7.0	-1.1		40.7	-1.4	1.1	164.7	-1.2	0.3	32.7	-0.3	0.5	
9DUCMD	38.3	-0.2	1.1	11.0	0.1		52.0	-0.3	1.0	169.0	-1.0	1.6	34.7	0.0	0.2	
9PQEAF	46.5	0.7	1.7	13.0	0.7	1.3	55.0	0.0	1.3	184.2	-0.4	1.2	45.0	1.6	2.3	
ACHTLG	35.6	-0.5	0.4	6.2	-1.3	0.3	62.8	0.8	0.8	198.3	0.2	0.7	31.6	-0.5	0.3	
U98MLB	40.0	0.0	1.2	10.7	0.0	1.1	62.0	0.7	1.0	216.7	1.0	0.6	40.0	0.8		
PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	40.0			10.7			55.0			193.0			34.7			
Median Abs Dev	5.3			2.4			7.0			19.3			3.1			
Avg Within Lab SD	1.4			0.5			1.0			4.1			2.4			
Labs Included	7			7			7			7			7			
Labs Reporting	7			7			7			7			7			



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PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
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
RNM9TV	6.05		1.00	0.22		1.00	1.66		1.00	13.88		1.00	1.96		1.00			

PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
Grand Median	6.05			0.22			1.66			13.9			1.96					
Median Abs Dev																		
Avg Within Lab SD	0.11			0.01			0.07			0.1			0.03					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
32G3XM	18.9	2.9	1.7	13.3	-0.5	1.4	14.1	1.6	1.2	8.7	0.0	0.5	11.1	1.7	1.9	
49UBX3	8.9	0.6	0.6	40.5	1.3	1.1	12.6	1.2	0.4	14.4	0.9	0.0	9.2	1.1	0.5	
4DNCYG	5.5	-0.2	0.2	23.7	0.2	0.0	7.6	0.0	0.1	7.3	-0.3	0.1	5.2	-0.1	0.1	
6VMYML	5.2	-0.3	0.1	20.7	0.0	0.2	6.2	-0.4	0.1	9.3	0.0	0.2	3.9	-0.5	0.1	
9DUCMD	4.4	-0.5	0.9	2.7	-1.2	0.3	3.8	-1.0	0.4	4.5	-0.7	0.2	3.4	-0.7	0.8	
9PQEAF	5.0	-0.3		21.0	0.0	1.6	7.0	-0.2	1.1	10.3	0.2	0.6	6.0	0.1		
9QJCF2	10.1	0.9	0.7	33.3	0.8	0.2	9.9	0.5	0.4	13.2	0.7	0.5	6.5	0.3	0.6	
ACHTLG	10.4	0.9	0.7	29.7	0.6	0.6	13.8	1.5	0.6	17.3	1.4	0.8	8.6	0.9	0.5	
BN6QHC	5.7	-0.2	0.2	3.3	-1.2	0.2	4.5	-0.8	0.6	4.7	-0.7	0.4	2.9	-0.8	0.2	
CYGD73	8.8	0.6					6.7	-0.3		6.8	-0.4		5.5	0.0		
FNPW7R	6.4	0.0	0.3	21.4	0.0	0.6	8.3	0.1	0.4	10.8	0.3	1.8	5.5	0.0	0.8	
FQE3QN	16.7	2.4	0.9	57.3	2.4	2.2	16.0	2.0	3.0	25.0	2.7	2.7	14.7	2.8	2.4	
JULU7R	5.7	-0.2	0.9	7.0	-0.9		6.7	-0.3	0.7	6.7	-0.4	0.6	5.7	0.0	0.9	
N323UX	6.3	0.0	1.9	13.3	-0.5	1.1	8.0	0.0		5.0	-0.7		4.0	-0.5		
NQPTDY	5.6	-0.2	0.1	25.0	0.3	0.5	7.3	-0.1	0.3	6.6	-0.4	0.3	4.2	-0.4	0.4	
TMPAXU	9.2	0.7	1.9	20.1	-0.1	1.1	10.8	0.7	0.8	14.4	0.9	1.1	7.6	0.6	0.8	

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	6.35			21.0			7.80			8.98			5.60			
Median Abs Dev	1.66			7.7			1.83			3.15			1.63			
Avg Within Lab SD	0.61			1.1			0.89			0.99			0.65			
Labs Included	16			15			16			16			16			
Labs Reporting	16			15			16			16			16			



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	148.7	0.8	0.2	72.0	0.5		248.7	0.2	0.2	654.0	0.6	0.1	122.3	-0.5	0.2	
32G3XM	135.4	0.2	0.4	67.4	0.1	0.1	266.5	1.0	0.8	539.5	-1.3	0.1	161.0	1.0	0.3	
3RRDYD	133.1	0.1	0.2	64.8	-0.1	0.0	235.9	-0.3	0.4	715.1	1.6	0.8	123.6	-0.5	0.7	
4DNCYG	115.9	-0.7	0.2	63.5	-0.2	0.1	247.5	0.2	0.1	593.0	-0.4	0.7	144.4	0.4	0.1	
6PY2EX	111.5	-0.8	0.1	63.0	-0.2	0.6	202.5	-1.6	0.2	562.5	-0.9	0.3	102.5	-1.3	1.0	
6VMYML	152.9	0.9	0.3	80.5	1.2	0.1	248.4	0.2	0.6	616.2	0.0	0.4	146.9	0.4	0.1	
8JLZ7Y	104.2	-1.2	0.9	53.4	-1.0	0.1	216.9	-1.1	0.7	575.6	-0.7	0.3	135.9	0.0	0.9	
8VFE7W	116.3	-0.6	0.5	60.0	-0.5	0.1	262.3	0.8	0.7	630.7	0.2	0.4	153.0	0.7	0.6	
9DUCMD	111.3	-0.9	0.4	56.0	-0.8	0.3	237.3	-0.2	0.2	602.3	-0.3	0.2	144.0	0.3	0.2	
9PQEAF	124.0	-0.3	0.5	79.7	1.2	0.9	222.7	-0.8	0.7	490.3	-2.1	1.4	180.0	1.7	2.7	
9QJCF2	155.5	1.0	0.4	78.1	1.0	0.4	242.4	0.0	0.3	596.1	-0.4	0.2	129.5	-0.2	0.5	
9UGTRV	159.3	1.2	0.2	73.0	0.6	0.2	254.3	0.5	0.2	686.0	1.1	0.2	125.0	-0.4	0.3	
ACHTLG	128.9	-0.1	1.2	70.4	0.4	0.6	289.6	1.9	0.7	725.6	1.7	0.7	182.5	1.8	0.6	
BN6QHC	140.0	0.4		70.0	0.4	0.4	243.3	0.0	1.3	626.7	0.1	1.3	123.3	-0.5	0.9	
C24P8U	113.7	-0.8	0.7	63.7	-0.2	0.1	243.0	0.0	0.4	627.3	0.1	0.2	154.0	0.7	0.2	
CYGD73							274.0	1.3		684.0	1.1					
DH9GM4	142.7	0.5	1.0	71.9	0.5	0.6	248.0	0.2	1.9	634.0	0.2	1.2	123.3	-0.5	0.9	
EKTNLQ	134.8	0.2	1.9	72.9	0.6	1.6	357.1	4.7X	23.8	482.8	-2.2X	11.7	112.2	-0.9	1.9	
ERD28B	106.2	-1.1	2.5	63.9	-0.1	0.9	256.9	0.6	0.6	574.5	-0.7	3.3	163.8	1.1	0.9	
FNPW7R	130.7	0.0	0.1	61.0	-0.4	0.2	244.0	0.1	0.1	605.3	-0.2	0.8	145.3	0.4	0.2	
FQE3QN	113.4	-0.8	0.4	60.2	-0.5	0.2	245.8	0.1	0.2	588.1	-0.5	0.5	146.6	0.4	0.1	
HTTG7U	157.0	1.1		75.7	0.8	0.1	252.3	0.4	0.1	651.7	0.5	0.3	120.0	-0.6	0.3	
HUPVV8	163.5	1.4	3.0	64.0	-0.1	0.2	236.7	-0.2	1.9	674.1	0.9	1.5	109.2	-1.0	0.9	
JM74P7	102.7	-1.2	0.4	53.7	-1.0	0.4	220.0	-0.9	0.6	568.3	-0.8	0.6	151.7	0.6	0.5	
JMY2VR	136.9	0.2	0.4	66.6	0.1	0.2	236.7	-0.2	0.8	642.0	0.4	0.5	124.9	-0.4	1.3	
JULU7R	149.0	0.8	0.3	75.3	0.8	0.1	256.7	0.6	0.6	626.7	0.1	0.3	165.0	1.1	0.8	



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
K7QAQ2	123.3	-0.3	0.8	56.7	-0.8	0.2	218.3	-1.0	0.6	529.7	-1.5	0.7	103.6	-1.2	0.7	
MNZ9NU	173.6	1.8	2.1	81.6	1.3	0.6	291.0	2.0	1.8	737.8	1.9	2.3	132.6	-0.1	0.8	
N323UX	114.0	-0.7	0.2	58.3	-0.6	0.2	248.0	0.2	0.3	626.0	0.1	0.1	159.0	0.9	0.5	
NDX9NV	138.2	0.3	1.4	95.4	2.5	5.8	231.4	-0.5	2.3	597.6	-0.3	1.8	120.1	-0.6	2.9	
PXNJDF	103.0	-1.2	0.1	52.8	-1.1	0.2	227.7	-0.6	0.6	593.9	-0.4	0.3	138.5	0.1	0.6	
Q9HGDK	253.3	5.2X	1.0	110.0	3.7X	0.3	63.3	-7.3X	0.3	584.3	-0.6	0.4	219.0	3.2X	0.4	
R79NYD	131.7	0.0	1.2	67.0	0.1	0.5	263.0	0.8	0.8	634.3	0.2	0.5	159.3	0.9	0.7	
RBM6QP	121.6	-0.4	0.3	44.6	-1.8	0.2	228.9	-0.6	0.4	642.4	0.4	0.5	100.4	-1.3	0.5	
RQRV9K	143.0	0.5	0.2	70.8	0.4	0.4	245.4	0.1	0.3	643.6	0.4	0.8	125.5	-0.4	0.8	
TMPAXU	118.3	-0.6	0.8	76.3	0.9	0.6	261.7	0.8	0.6	653.0	0.6	0.1	159.3	0.9	1.3	
U98MLB	115.0	-0.7	1.2	40.7	-2.1	0.6	218.0	-1.0	1.0	619.0	0.0	0.2	148.0	0.5	0.4	
UECEXT	105.5	-1.1	0.5	57.6	-0.7	0.1	231.6	-0.5	0.4	578.0	-0.7	0.5	148.3	0.5	1.3	
UHTQRP	134.9	0.2	0.7	67.7	0.2	0.2	232.9	-0.4	0.7	656.6	0.6	2.9	125.4	-0.4	1.4	
W8LRWK	102.9	-1.2	0.3	55.8	-0.8	0.1	221.2	-0.9	0.2	575.9	-0.7	0.2	140.2	0.2	0.8	
WCXZYA	132.7	0.1	1.9	64.3	-0.1	0.5	207.7	-1.4	1.3	550.7	-1.1	0.6	103.3	-1.2	0.7	
XR87NE	143.0	0.5	0.6	67.3	0.1	0.1	239.7	-0.1	1.2	622.1	0.1	0.5	123.6	-0.5	1.7	
YK4JB6	107.7	-1.0	0.3	53.0	-1.1	0.2	203.0	-1.6	3.3	539.0	-1.3	0.7	134.7	0.0	1.0	
Z4WJZF	144.0	0.6	0.2	70.9	0.4	0.0	184.0	-2.4	0.1	551.8	-1.1	0.2	108.1	-1.0	0.1	

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	131.2			65.7			242.7			619.0			135.3			
Median Abs Dev	15.7			6.8			12.7			34.0			13.0			
Avg Within Lab SD	5.7			7.6			9.0			19.7			6.3			
Labs Included	42			42			42			43			42			
Labs Reporting	43			43			44			44			43			



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	2,330.0	1.4	0.1	921.3	1.4	0.0	1,491.0	1.1	0.3	1,194.0	1.0	0.2	749.3	0.5	0.4	
32G3XM	1,838.6	0.0	0.5	727.0	0.1	0.1	1,376.0	0.5	0.1	1,058.7	0.3	0.6	791.8	0.8	0.8	
3RRDYD	2,181.0	1.0	0.1	799.7	0.6	0.1	1,367.4	0.5	0.2	1,076.5	0.4	0.6	633.5	-0.4	0.2	
6PY2EX	1,656.0	-0.5	0.3	706.5	0.0	0.3	1,043.5	-1.0	0.3	913.5	-0.6	0.1	495.0	-1.5	0.3	
6VMYML	2,203.8	1.0	1.1	254.6	-3.0	0.2	1,015.0	-1.2	0.3	665.6	-1.9	1.2	362.8	-2.5	1.1	
8JLZ7Y	1,598.4	-0.6	0.1	689.2	-0.1	0.1	1,194.6	-0.3	0.5	942.4	-0.4	0.2	692.8	0.0	0.8	
8VFE7W	1,792.0	-0.1	0.4	709.3	0.0	0.0	1,324.7	0.3	0.1	1,035.0	0.1	0.1	762.7	0.6	0.2	
9DUCMD	1,648.0	-0.5	0.2	693.7	-0.1	0.1	1,300.3	0.2	0.5	1,003.0	-0.1	0.3	750.3	0.5	0.5	
9PQEAF	1,785.7	-0.1	1.3	672.3	-0.2	0.2	1,241.0	-0.1	0.4	1,005.7	0.0	0.6	781.7	0.7	0.2	
9QJCF2	2,088.8	0.7	0.4	786.7	0.5	0.4	1,268.2	0.0	0.2	1,021.6	0.0	0.2	619.8	-0.5	0.5	
9UGTRV	1,905.7	0.2	0.4	677.0	-0.2	0.1	1,150.7	-0.5	0.4	778.7	-1.3	0.3	523.3	-1.2	0.2	
ACHTLG	1,968.7	0.4	1.1	804.9	0.6	0.2	1,489.3	1.1	0.4	1,161.7	0.8	0.7	872.1	1.4	0.1	
BN6QHC	2,100.0	0.7	1.2	793.3	0.6	0.3	1,266.7	0.0	0.8	986.7	-0.1	0.6	590.0	-0.7	1.1	
C24P8U	1,568.7	-0.7	0.6	657.3	-0.3	0.0	1,213.3	-0.2	0.2	981.0	-0.2	0.1	733.7	0.4	0.1	
CYGD73	2,325.0	1.4		731.0	0.1		1,423.0	0.8		1,034.0	0.1		649.0	-0.3		
DH9GM4	1,933.3	0.3	1.7	786.7	0.5	0.2	1,220.0	-0.2	2.3	1,020.0	0.0	1.3	573.3	-0.9	1.3	
EKTNLQ	2,419.0	1.6	2.2	937.1	1.5	0.3	1,417.0	0.7	3.4	1,307.7	1.6	2.8	753.9	0.5	1.4	
ERD28B	1,492.3	-0.9	0.6	642.6	-0.4	0.2	1,144.3	-0.6	0.5	984.8	-0.2	3.2	719.0	0.2	0.6	
FNPW7R	1,788.0	-0.1	0.8	741.9	0.2	0.3	1,299.6	0.2	0.4	1,149.4	0.8	1.3	726.6	0.3	0.9	
FQE3QN	1,771.7	-0.1	0.6	703.0	0.0	0.1	1,323.2	0.3	0.8	1,053.3	0.2	0.6	750.5	0.5	0.6	
HTTG7U	2,350.0	1.4	0.2	804.0	0.6	0.1	1,463.3	0.9	0.2	1,100.0	0.5	0.4	647.0	-0.3	0.4	
HUPVV8	2,366.4	1.5	4.1	777.9	0.5	0.6	1,310.6	0.2	2.3	864.7	-0.8	2.8	581.7	-0.8	2.4	
JM74P7	1,435.7	-1.1	0.0	633.0	-0.5	0.1	1,083.3	-0.9	0.2	901.3	-0.6	0.1	683.0	0.0	0.1	
JMY2VR	2,151.3	0.9	0.2	844.6	0.9	0.1	1,311.3	0.2	0.9	1,111.0	0.5	0.2	661.8	-0.2	0.1	
JULU7R	2,266.7	1.2	0.7	906.7	1.3	0.4	1,716.7	2.1	0.4	1,205.0	1.1	0.1	858.3	1.3	0.5	
K7QAQ2	1,661.8	-0.4	0.6	623.5	-0.6	0.2	1,004.1	-1.2	0.3	792.6	-1.2	0.8	497.1	-1.4	0.2	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MNZ9NU	2,429.4	1.6	2.0	908.1	1.3	0.5	1,523.7	1.2	1.1	1,352.8	1.9	1.1	757.9	0.5	0.8	
N323UX	1,682.0	-0.4	0.3	658.7	-0.3	0.1	1,260.7	0.0	1.0	1,035.7	0.1	0.2	699.0	0.1	0.8	
NDX9NV	1,982.7	0.4	0.9	1,193.2	3.2	6.1	1,233.0	-0.1	1.6	1,006.4	0.0	1.7	614.6	-0.5	3.6	
PXNJDF	1,402.7	-1.1	0.4	535.3	-1.1	0.2	1,078.0	-0.9	0.2	870.3	-0.8	0.5	638.3	-0.4	0.6	
Q9HGDK	1,506.3	-0.9	0.2	1,908.0	7.9X	0.2	776.0	-2.3	0.1	1,198.0	1.0	0.8	701.7	0.1	0.3	
R79NYD	2,042.3	0.6	0.2	820.0	0.7	0.0	1,447.7	0.9	0.5	1,088.3	0.4	0.2	833.3	1.1	0.3	
RBM6QP	2,114.7	0.8	0.1	747.9	0.3	0.2	1,311.7	0.2	0.4	853.7	-0.9	0.3	581.6	-0.8	0.3	
RQRV9K	2,202.9	1.0	0.3	960.1	1.7	0.7	1,414.8	0.7	0.3	1,150.3	0.8	0.8	719.6	0.3	1.0	
TMPAXU	1,811.7	0.0	0.5	950.3	1.6	0.4	1,518.7	1.2	0.1	1,303.7	1.6	0.3	855.0	1.3	2.6	
U98MLB	1,704.3	-0.3	0.7	543.3	-1.1	0.2	1,045.7	-1.0	0.4	807.7	-1.1	0.2	637.7	-0.4	0.2	
UECEXT	1,619.4	-0.6	0.2	694.6	-0.1	0.0	1,202.7	-0.3	0.5	897.8	-0.6	0.8	681.7	0.0	0.3	
W8LRWK	1,630.7	-0.5	0.1	687.1	-0.1	0.1	1,157.3	-0.5	0.1	933.1	-0.4	0.2	690.2	0.0	0.1	
WCXZYA	1,868.7	0.1	0.4	705.0	0.0	0.2	1,064.3	-0.9	0.2	755.0	-1.4	0.3	526.3	-1.2	0.3	
XR87NE	1,659.8	-0.4	1.3	653.9	-0.4	0.0	1,086.1	-0.8	0.7	767.9	-1.4	0.7	568.7	-0.9	1.1	
YK4JB6	1,708.3	-0.3	0.0	665.0	-0.3	0.0	1,165.0	-0.5	2.9	951.0	-0.3	0.3	745.0	0.4	0.7	
Z4WJZF	1,701.0	-0.3	0.1	658.3	-0.3	0.0	1,014.8	-1.2	0.0	1,086.1	0.4	0.2	457.4	-1.7	0.1	

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	1,825.1			709.3			1,263.7			1,013.2			686.6			
Median Abs Dev	211.5			68.6			116.2			98.8			67.0			
Avg Within Lab SD	85.5			114.6			70.3			41.6			30.9			
Labs Included	42			41			42			42			42			
Labs Reporting	42			42			42			42			42			



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	581.0	1.5	0.2	155.7	1.7	0.0	226.3	1.6	0.4	178.0	1.9	0.2	104.3	0.9	0.5	
32G3XM	458.9	0.0	0.2	121.5	0.2	0.0	209.0	0.9	0.2	147.9	0.2	0.2	110.3	1.3	0.3	
3RRDYD	559.9	1.3	0.1	127.7	0.4	0.1	195.8	0.4	0.4	159.7	0.9	0.9	81.2	-0.4	0.2	
6PY2EX	422.0	-0.5	0.3	116.0	-0.1	0.0	156.5	-1.1	0.4	132.5	-0.6	0.4	65.0	-1.3	0.7	
6VMYML	503.9	0.5	0.5	132.0	0.6	0.0	168.1	-0.6	0.1	133.3	-0.5	0.2	79.1	-0.5	0.3	
8JLZ7Y	437.7	-0.3	0.4	114.4	-0.2	0.1	193.9	0.4	1.0	146.5	0.2	1.2	102.2	0.8	0.5	
8VFE7W	448.7	-0.2	0.9	124.3	0.3	0.0	205.0	0.8	0.2	150.7	0.4	0.4	107.0	1.1	0.2	
9DUCMD	411.3	-0.7	0.2	114.0	-0.2	0.1	184.7	0.0	0.8	141.3	-0.1	1.1	95.7	0.4	1.0	
9PQEAF	410.7	-0.7	0.3	131.3	0.6	0.1	173.7	-0.4	0.6	141.7	-0.1	0.4	98.7	0.6	1.8	
9QJCF2	528.4	0.8	0.8	131.1	0.6	0.2	188.7	0.2	0.6	146.6	0.2	0.4	84.7	-0.2	0.8	
9UGTRV	463.0	0.0	0.3	103.3	-0.7	0.1	157.0	-1.1	0.3	112.7	-1.7	0.4	65.3	-1.3	0.3	
ACHTLG	515.0	0.7	1.5	142.0	1.1	0.3	227.1	1.6	0.8	177.0	1.8	1.5	113.3	1.5	0.7	
BN6QHC	503.3	0.5	1.2	123.3	0.2	0.2	176.7	-0.3	0.6	136.7	-0.4	1.0	74.3	-0.8	0.7	
C24P8U	437.3	-0.3	0.3	114.0	-0.2	0.1	175.0	-0.4	0.5	134.3	-0.5	0.3	98.2	0.6	0.2	
CYGD73	597.0	1.7		122.7	0.2		213.8	1.1		147.0	0.2		85.1	-0.2		
DH9GM4	492.0	0.4	2.2	129.0	0.5	0.2	181.7	-0.1	2.3	149.0	0.3	1.2	76.6	-0.7	1.7	
EKTNLQ	515.4	0.7	0.7	139.5	1.0	0.1	180.4	-0.2	2.7	167.3	1.3	2.6	93.9	0.3	0.2	
ERD28B	444.4	-0.2	1.8	114.7	-0.2	0.1	192.4	0.3	1.0	146.3	0.2	2.0	106.6	1.1	1.2	
FNPW7R	417.1	-0.6	0.3	108.6	-0.4	0.1	176.7	-0.3	0.3	138.6	-0.3	0.5	87.3	0.0	0.1	
FQE3QN	435.3	-0.4	1.1	120.8	0.1	0.1	193.0	0.3	0.9	150.6	0.4	1.1	105.2	1.0	0.9	
HTTG7U	605.3	1.8	0.3	130.3	0.6	0.0	220.7	1.4	0.2	156.0	0.7	0.3	83.7	-0.3	0.4	
HUPVV8	608.1	1.9	2.0	118.1	0.0	0.3	194.7	0.4	1.3	140.6	-0.2	2.5	81.3	-0.4	1.5	
JM74P7	389.0	-0.9	0.1	104.3	-0.6	0.1	171.3	-0.5	0.4	134.0	-0.5	0.8	96.3	0.5	0.6	
JMY2VR	554.5	1.2	0.7	136.5	0.8	0.0	197.4	0.5	0.8	162.4	1.0	1.5	88.8	0.0	1.1	
JULU7R	513.3	0.7	1.9	143.3	1.1	0.2	213.3	1.1	1.3	163.3	1.1	0.5	113.3	1.5	1.4	
K7QAQ2	471.5	0.1	0.4	97.7	-0.9	0.1	145.1	-1.5	0.1	111.1	-1.8	0.1	60.0	-1.6	0.2	



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MNZ9NU	639.2	2.3	2.3	136.2	0.8	0.2	211.1	1.0	1.0	172.4	1.6	1.2	95.0	0.4	0.6	
N323UX	395.7	-0.9	0.6	101.7	-0.7	0.1	170.7	-0.5	0.7	133.7	-0.5	0.6	87.0	-0.1	1.0	
NDX9NV	508.1	0.6	1.8	252.2	6.1	6.3	178.4	-0.2	1.8	137.6	-0.3	1.2	76.6	-0.7	2.5	
PXNJDF	380.8	-1.1	0.6	98.6	-0.9	0.1	177.2	-0.3	0.5	133.4	-0.5	0.7	91.9	0.2	0.7	
Q9HGDK	187.0	-3.6X	0.3	380.9	11.9X	0.1	104.7	-3.1X	0.3	124.7	-1.0	0.9	82.3	-0.3	0.6	
R79NYD	478.7	0.2	1.5	126.7	0.4	0.2	204.3	0.8	1.0	147.3	0.2	0.4	104.7	1.0	0.9	
RBM6QP	497.7	0.5	0.3	100.4	-0.8	0.1	169.8	-0.6	0.2	121.1	-1.2	0.2	69.9	-1.1	0.2	
RQRV9K	440.3	-0.3	0.1	135.7	0.8	0.2	190.5	0.2	0.2	156.6	0.7	0.9	86.9	-0.1	0.9	
TMPAXU	381.3	-1.0	0.5	115.0	-0.1	0.1	202.3	0.7	0.5	149.3	0.3	0.9	96.0	0.5	2.9	
U98MLB	441.7	-0.3	1.0	90.0	-1.3	0.1	156.3	-1.1	0.4	123.3	-1.1	0.4	87.0	-0.1	0.7	
UECEXT	442.7	-0.3	0.1	115.1	-0.1	0.1	187.4	0.1	0.3	145.1	0.1	0.6	99.0	0.6	0.9	
W8LRWK	439.9	-0.3	0.1	116.8	-0.1	0.0	200.7	0.6	0.2	147.0	0.2	0.7	104.2	0.9	0.8	
WCXZYA	484.7	0.3	0.3	114.7	-0.2	0.1	162.0	-0.9	0.7	121.7	-1.2	1.3	79.3	-0.5	1.0	
XR87NE	412.3	-0.6	1.8	99.0	-0.9	0.1	157.3	-1.1	1.2	120.0	-1.3	0.8	78.3	-0.6	0.7	
YK4JB6	427.3	-0.5	0.1	106.3	-0.5	0.0	168.0	-0.6	2.8	136.3	-0.4	0.1	98.1	0.6	0.5	
Z4WJZF	462.7	0.0	0.4	106.8	-0.5	0.0	152.4	-1.3	0.0	137.3	-0.3	0.0	65.2	-1.3	0.2	

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	462.7			118.1			184.7			143.4			88.1			
Median Abs Dev	41.2			11.7			14.8			9.2			10.1			
Avg Within Lab SD	17.0			36.3			9.1			5.8			4.1			
Labs Included	41			41			41			42			42			
Labs Reporting	42			42			42			42			42			



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups																Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2XKVZJ	22.0	1.4		35.3	1.1	0.2	18.3	1.1	0.2	18.7	0.8	0.3	15.7	0.9	0.2			
32G3XM	20.9	1.2	1.4	37.8	1.5	0.3	19.8	1.4	0.4	20.2	1.1	0.3	23.0	2.0	0.9			
6PY2EX	17.5	0.7	0.1	29.0	0.2	0.4	14.0	0.3	0.4	17.0	0.5		10.5	0.1	0.2			
6VMYML	8.0	-0.7	0.0	29.0	0.2	0.2	7.0	-0.9	0.1	7.7	-1.2	0.0	2.1	-1.2	0.0			
8JLZ7Y	12.3	-0.1	0.0	25.6	-0.2	0.5	12.5	0.1	0.6	11.7	-0.5	0.2	10.1	0.0	0.2			
8VFE7W	14.9	0.3	0.1	27.4	0.0	0.1	14.0	0.3	0.2	14.5	0.1	0.2	12.6	0.4	0.1			
9DUCMD	9.3	-0.5	0.3	19.3	-1.1	0.2	12.0	0.0	0.3	11.7	-0.5	0.3	8.0	-0.3	0.3			
9PQEAF	8.3	-0.6	0.1	21.7	-0.8	0.2	9.0	-0.6	0.3	9.7	-0.8	0.2	7.3	-0.4	0.2			
9QJCF2	16.4	0.5	0.2	30.7	0.5	0.4	13.6	0.3	0.2	16.5	0.4	0.3	12.1	0.3	0.1			
9UGTRV	14.3	0.2	0.1	28.7	0.2	0.2	13.0	0.1	0.3	14.0	0.0		9.7	-0.1	0.2			
ACHTLG	24.1	1.7	0.4	39.6	1.7	0.5	23.3	2.0	0.7	24.4	1.9	0.7	21.7	1.8	0.4			
BN6QHC	15.7	0.4	0.3	27.7	0.0	1.0	13.0	0.1	0.3	14.3	0.0	0.4	8.6	-0.2	0.1			
DH9GM4	11.5	-0.2	0.5	27.6	0.0	0.7	11.5	-0.1	0.7	12.3	-0.3	0.4	6.9	-0.5	0.0			
EKTNLQ	34.3	3.1X	3.2	41.0	1.9	2.0	18.6	1.2	3.8	19.2	0.9	4.0	21.1	1.7	5.1			
ERD28B	21.6	1.3	2.0	17.2	-1.4	1.2	4.6	-1.4	1.7	2.8	-2.1	0.8	12.5	0.4	0.6			
FNPW7R	12.1	-0.1	0.3	21.1	-0.9	0.4	12.2	0.0	0.4	14.7	0.1	0.8	8.7	-0.2	0.1			
FQE3QN	18.5	0.8	0.3	29.5	0.3	0.2	19.2	1.3	0.5	19.9	1.1	0.5	19.1	1.4	0.2			
HTTG7U	11.7	-0.2	1.2	20.3	-1.0	3.0	9.5	-0.5	1.1	12.0	-0.4	1.1	6.5	-0.6	1.4			
HUPVV8	24.4	1.7	2.0	36.3	1.2	2.5	11.7	-0.1	1.1	13.5	-0.1	2.4	6.0	-0.6	1.3			
JM74P7	9.3	-0.5	0.1	26.0	-0.2	1.1	6.0	-1.1	0.5	12.3	-0.3	0.7	7.3	-0.4	0.2			
JULU7R	21.0	1.2	0.2	32.3	0.7	0.2	18.0	1.1	0.3	19.3	0.9	0.2	17.7	1.2	0.2			
K7QAQ2	8.0	-0.7	0.0	21.2	-0.9	0.0	6.6	-1.0	0.1	7.4	-1.2	0.0	4.6	-0.8	0.1			
MNZ9NU	11.3	-0.2	0.1	26.9	-0.1	0.5	10.1	-0.4	0.1	11.5	-0.5	0.1	7.3	-0.4	0.1			
NDX9NV	154.3	20.6X	2.7	163.4	18.9X	6.5	157.9	26.5X	1.9	157.3	26.1X	3.2	150.6	21.9X	1.3			
Q9HGDK	8.9	-0.6	0.1	13.4	-1.9	0.2	33.7	3.9X	0.8	34.0	3.6X	0.7	80.0	10.9X	0.8			
RBM6QP	11.4	-0.2	0.1	20.8	-0.9	0.7	4.7	-1.4	0.7	5.6	-1.6	0.5	2.4	-1.2	0.1			



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
RQRV9K	26.2	2.0	4.4	32.5	0.7	2.2	12.0	0.0	2.9	17.9	0.7	1.6	8.4	-0.3	1.2		
TMPAXU	13.0	0.0	0.2	26.0	-0.2	0.6	15.3	0.6	0.5	15.0	0.2	0.3	11.0	0.1	0.3		
U98MLB	20.0	1.1	0.4	28.0	0.1	0.5	19.0	1.2	0.6	21.7	1.4	0.2	22.3	1.9	0.4		
UECEXT	11.0	-0.2	0.0	27.1	0.0	0.1	12.6	0.1	0.2	13.7	-0.1	0.2	10.8	0.1	0.2		
UHTQRP	6.5	-0.9	0.5	24.4	-0.4	0.5	6.5	-1.0	0.7	8.5	-1.0	0.9	2.9	-1.1	0.6		
W8LRWK	11.7	-0.2	0.1	25.8	-0.2	0.1	11.4	-0.1	0.3	10.7	-0.6	0.1	11.3	0.2	0.1		
WCXZYA	21.3	1.3	0.8	35.0	1.1	2.0	16.0	0.7	0.5	19.3	0.9	1.2	13.3	0.5	0.4		
XR87NE	14.0	0.2	0.5	27.3	0.0	0.1	12.2	0.0	0.5	16.5	0.4	0.9	10.4	0.1	0.2		
YK4JB6	12.5	0.0	0.5	22.2	-0.7	0.4	10.4	-0.3	0.3	14.0	0.0	0.2	10.1	0.0	0.1		
Z4WJZF	4.7	-1.2	0.0	18.8	-1.2	0.0	1.3	-2.0	0.0	15.5	0.3	0.1	1.2	-1.4	0.0		

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
Grand Median	12.7			27.3			12.2			14.2			10.1				
Median Abs Dev	3.7			5.0			2.9			2.8			2.7				
Avg Within Lab SD	4.8			3.3			3.3			3.7			3.5				
Labs Included	34			35			34			34			34				
Labs Reporting	36			36			36			36			36				



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
FQE3QN	91.8		1.3	61.8		1.4	177.3		1.3	365.6		0.4	148.7		1.2	
U6NKLW	80.2		0.5	44.4		0.3	185.7		0.5	373.9		1.4	135.9		0.7	
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median		86.0			53.1			181.5			369.8			142.3		
Median Abs Dev																
Avg Within Lab SD		1.5			1.1			2.2			4.0			1.0		
Labs Included		2			2			2			2			2		
Labs Reporting		2			2			2			2			2		



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K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	115.3		0.4	55.3		1.3	258.0		0.8	507.3		0.2	128.7		0.6	
9QJCF2	110.6		0.6	52.1		0.3	235.7		0.7	479.6		0.4	119.2		0.2	
DH9GM4	145.0		1.8	55.0		1.2	262.7		1.6	645.0		1.9	147.0		1.9	
ERD28B	96.3		0.6	50.3		0.8	258.3		0.4	493.7		0.0	163.3		0.2	
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	113.0			53.6			258.2			500.5			137.8			
Median Abs Dev																
Avg Within Lab SD	12.4			5.7			9.9			43.8			7.5			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
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
DH9GM4	110.7		1.3	55.7		0.4	200.0		0.9	418.0		0.5	114.7		0.6			
JQMGJ2	136.3		0.6	65.0		1.3	225.3		1.1	563.7		1.3	109.0		1.3			
K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
Grand Median	123.5			60.3			212.7			490.8			111.8					
Median Abs Dev																		
Avg Within Lab SD	2.5			1.3			9.0			54.3			7.5					
Labs Included	2			2			2			2			2					
Labs Reporting	2			2			2			2			2					



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Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
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			
JQMGJ2	2,101.7		1.0	740.0		1.0	1,221.7		1.0	926.3		1.0	528.0		1.0			
Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
Grand Median	2,101.7			740.0			1,221.7			926.3			528.0					
Median Abs Dev																		
Avg Within Lab SD	19.3			25.5			85.3			95.8			45.8					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	0.1		0.0	40.3		1.2	0.1		0.0	66.9		0.5	0.2		0.0	
ACHTLG	1.0		1.4	19.1		1.1	1.6		1.4	30.8		1.6	2.0		1.4	
YM8EU9				29.5		0.6				40.8		0.3				

Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median		0.54			29.5			0.83			40.8			1.11		
Median Abs Dev																
Avg Within Lab SD		0.11			1.5			0.40			6.5			0.53		
Labs Included		2			3			2			3			2		
Labs Reporting		2			3			2			3			2		



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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
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
49UBX3	19.77		1.59	3.87		0.28	37.84		1.05	56.47		0.25	13.40		0.58			
97TX4X	18.83		0.44	3.83		1.82	41.83		1.48	57.50		1.93	15.00		1.71			
JMY2VR	19.67		0.09	2.82		0.70	38.68		0.61	58.25		0.31	13.59		0.16			
YM8EU9	21.38		1.12	4.15		0.31	40.33		0.57	48.49		0.35	15.13		0.86			
Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
Grand Median	19.7			3.85			39.5			57.0			14.3					
Median Abs Dev																		
Avg Within Lab SD	0.6			0.16			1.6			3.8			0.6					
Labs Included	4			4			4			4			4					
Labs Reporting	4			4			4			4			4					



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Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
49UBX3	58.9		1.6	29.9		0.8	179.5		1.2	323.5		1.9	101.0		1.4	
97TX4X	67.7		0.8	34.0		1.0	185.7		0.5	354.2		0.4	114.7		0.8	
JMY2VR	70.1		0.2	37.5		0.9	207.9		0.7	351.9		0.4	125.0		0.9	
YM8EU9	81.5		0.9	44.3		1.2	250.7		1.4	447.5		0.4	140.9		0.9	
Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median			68.9			35.7			196.8			353.1			119.9	
Median Abs Dev																
Avg Within Lab SD			1.9			1.3			7.0			8.3			3.9	
Labs Included			4			4			4			4			4	
Labs Reporting			4			4			4			4			4	



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Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
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	
49UBX3	1,589.4		1.8	568.2		1.5	1,379.4		1.1	1,050.2		1.6	789.8		1.8	
97TX4X	1,640.3		0.3	544.0		0.3	1,432.3		0.2	1,167.2		1.1	787.7		0.6	
JMY2VR	1,779.4		0.1	654.7		0.1	1,647.5		0.7	1,048.4		0.2	870.1		0.4	
YM8EU9	1,945.2		0.8	678.2		1.3	1,829.5		1.5	1,160.0		0.2	956.5		0.6	
Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	1,709.9			611.5			1,539.9			1,105.1			830.0			
Median Abs Dev																
Avg Within Lab SD	52.4			24.9			48.3			35.0			32.7			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
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
49UBX3	375.5		1.6	86.7		1.0	183.0		0.7	113.0		1.7	85.8		1.3			
97TX4X	381.3		0.1	92.2		0.6	190.5		1.2	133.5		0.8	90.5		0.7			
JMY2VR	431.3		0.2	104.6		0.6	218.5		0.3	126.0		0.6	103.5		0.7			
YM8EU9	476.5		1.1	116.0		1.5	245.7		1.4	148.3		0.2	114.3		1.2			
Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
Grand Median	406.3			98.4			204.5			129.8			97.0					
Median Abs Dev																		
Avg Within Lab SD	9.9			3.8			5.1			3.3			3.0					
Labs Included	4			4			4			4			4					
Labs Reporting	4			4			4			4			4					



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Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
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			
49UBX3	37.3		1.1	84.3		0.8	47.1		0.5	154.7		1.8	71.4		1.6			
97TX4X	41.7		1.4	13.5		0.3	9.5		0.4	33.2		0.2	6.3		0.2			
JMY2VR	47.2		0.3	100.2		1.1	56.3		0.3	160.3		0.7	85.2		0.3			
YM8EU9	38.9		0.8	103.4		1.5	55.5		1.9	195.9		0.2	91.9		1.1			
Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
Grand Median	40.3			92.2			51.3			157.5			78.3					
Median Abs Dev																		
Avg Within Lab SD	1.5			3.2			1.3			2.8			1.7					
Labs Included	4			4			4			4			4					
Labs Reporting	4			4			4			4			4					



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Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
49UBX3	2.75		0.43	0.65		0.22	2.61		0.18	1.89		0.84	1.82		0.45	
97TX4X	2.85		0.55	0.80		1.87	2.90		0.69	2.05		0.46	1.97		0.66	
JMY2VR	3.17		1.52	0.71		0.04	2.97		1.78	1.91		1.69	2.10		1.82	
YM8EU9	3.37		1.10	0.85		0.67	3.34		0.58	2.39		0.48	2.39		0.23	
Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	3.01			0.76			2.94			1.98			2.03			
Median Abs Dev																
Avg Within Lab SD	0.09			0.05			0.14			0.11			0.12			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups														Data units: g/cm ³		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3LLHFD	0.90	-0.42	0.29	0.99	-0.18	0.03	1.12	-0.24	0.00	1.15	0.00	0.44	1.38	-0.16	0.12	
6PY2EX	1.03	0.00	0.35	1.12	0.24	0.47	1.31	0.38	0.00	1.22	0.23	0.00	1.55	0.24	0.30	
8VFE7W	0.93	-0.31	0.15	1.03	-0.04	0.60	1.17	-0.07	0.18	1.12	-0.07	0.87	1.47	0.05	0.27	
BQR7BR	0.86	-0.56	1.52	0.98	-0.22	0.51	1.19	0.00	2.17	1.07	-0.23	1.92	1.38	-0.17	1.53	
HUPVV8	0.97	-0.20	0.69	1.04	0.00	1.99	1.21	0.07	0.75	1.14	-0.02	1.20	1.45	0.00	1.73	
JMY2VR	1.65	2.03	0.75	1.86	2.67	0.51	2.01	2.65	0.58	2.03	2.79	0.76	2.45	2.41	0.49	
JVDQTZ	1.65	2.02	2.13	1.73	2.22	1.84	1.96	2.48	1.66	1.95	2.54	1.53	2.42	2.32	1.80	
RNM9TV	1.04	0.03	0.94	1.03	-0.05	0.74	1.15	-0.13	0.77	1.12	-0.09	0.15	1.41	-0.08	0.15	
U6PM6A	1.18	0.49	0.00	1.18	0.44	0.00	1.18	-0.04	0.00	1.18	0.11	0.00	1.18	-0.65	0.00	

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups														Data units: g/cm ³		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	1.03			1.04			1.19			1.15			1.45			
Median Abs Dev	0.13			0.07			0.04			0.03			0.07			
Avg Within Lab SD	0.04			0.03			0.03			0.01			0.05			
Labs Included	9			9			9			9			9			
Labs Reporting	9			9			9			9			9			



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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4DNCYG	26.17	-0.44	0.29	7.00	0.00		21.27	-0.26	0.23	96.53	-0.65	0.12	23.30	-0.80	0.19	
9DUCMD	25.33	-0.66	1.17	8.00	0.42		22.00	0.00	0.92	106.33	0.00	0.69	23.67	-0.62	0.55	
ACHTLG	31.59	1.00	0.33	5.04	-0.82	0.64	24.71	0.97	0.42	134.10	1.86	0.21	27.46	1.15	0.46	
E8LZB9	27.83	0.00	0.77	9.00	0.84	0.57	23.83	0.66	1.62	107.17	0.06	0.14	27.33	1.09	0.99	
EUZK99	35.12	1.93	0.17	3.82	-1.33	1.18	19.68	-0.83	0.69	115.11	0.59	1.14	27.15	1.00	2.23	
KUE6FY	24.67	-0.84	0.58	6.67	-0.14	0.66	20.00	-0.72		91.00	-1.02		23.67	-0.62	0.55	
TMPAXU	28.00	0.04	2.03	9.67	1.12	1.74	26.33	1.55	1.41	112.33	0.40	1.80	25.00	0.00	0.95	
U6PM6A	29.33	0.40	1.17	10.33	1.40	0.66	24.00	0.72	0.92	93.33	-0.87	1.38	25.67	0.31	0.55	
Y74KN9	25.00	-0.75		7.00	0.00		21.00	-0.36		97.00	-0.62		24.00	-0.47		

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	27.8			7.00			22.0			106.3			25.0			
Median Abs Dev	2.5			1.96			2.0			9.3			1.3			
Avg Within Lab SD	1.0			0.88			1.1			4.2			1.1			
Labs Included	9			9			9			9			9			
Labs Reporting	9			9			9			9			9			



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3C3742	32.06	-0.54	0.07	6.43	-0.41	0.12	23.33	-1.12	0.42	104.77	-0.85	0.31	63.52	-0.08	0.23	
4JT9HG	31.83	-0.57	0.04	8.93	1.16	0.68	29.17	0.46	0.29	105.03	-0.83	0.25	56.83	-0.60	0.49	
4RMDE4	41.34	0.82		7.90	0.51		28.67	0.32		125.67	0.58		68.10	0.28		
6PY2EX	60.50	3.62	0.25	14.50	4.67	0.79	34.50	1.90	1.71	97.50	-1.34	1.20	59.00	-0.43	0.94	
6V4ZLG	36.09	0.05	0.18	8.20	0.70	0.14	29.61	0.58	0.14	125.70	0.58	0.10	72.49	0.63	0.20	
7ZVKBJ	34.33	-0.20	0.21	8.67	1.00	0.64	28.67	0.32	0.56	118.33	0.08	0.37	66.67	0.17	0.19	
8JLZ7Y	38.02	0.33	0.48	9.14	1.30	0.78	30.12	0.71	0.26	129.84	0.86	0.73	73.01	0.67	0.35	
8VFE7W	34.73	-0.15	0.11	6.33	-0.47	0.17	27.00	-0.13	0.48	117.00	-0.01	0.84	70.03	0.43	0.28	
9JEBE8	42.30	0.96	0.19	6.75	-0.21	0.39	26.13	-0.36	0.55	117.18	0.00	0.36	59.89	-0.36	0.66	
9PQEAF	36.03	0.04	0.67	7.80	0.45	0.49	29.17	0.46	0.23	126.20	0.61	0.13	71.10	0.52	0.41	
BQR7BR	57.00	3.11	0.71	7.00	-0.05		37.67	2.75	0.74	164.00	3.19	1.28	77.33	1.01	1.01	
C24P8U	36.30	0.08	0.32	5.17	-1.21	0.26	25.53	-0.52	0.12	117.33	0.01	0.50	64.70	0.02	0.23	
FQE3QN	34.17	-0.23	0.48	6.77	-0.20	1.75	25.42	-0.55	0.46	115.46	-0.12	0.74	62.82	-0.13	0.14	
HUPVV8	33.07	-0.39	1.16	5.59	-0.94	0.88	20.35	-1.93	0.95	93.15	-1.64	2.52	39.54	-1.96	1.53	
JMY2VR	37.62	0.28	0.10	6.78	-0.19	0.06	25.50	-0.53	0.10	111.70	-0.37	1.10	63.81	-0.05	0.14	
JNVFK6	41.33	0.82	0.21	8.33	0.79	0.64	29.00	0.41	0.48	137.67	1.40	1.19	82.33	1.40	1.17	
JQMGJ2	35.73	0.00	0.89	7.17	0.05	0.32	28.27	0.21	0.28	120.67	0.24	1.59	53.03	-0.90	1.66	
JVDQTZ	37.84	0.31	1.92	8.46	0.86	0.40	27.52	0.01	0.14	124.81	0.52	0.86	54.83	-0.76	0.39	
KDPUTW	41.33	0.82	1.44	7.00	-0.05	1.11	25.33	-0.58	0.56	115.67	-0.10	1.48	52.67	-0.93	0.69	
KHLGLK	30.00	-0.84	0.36	7.33	0.16	0.64	25.00	-0.67	0.48	104.00	-0.90	0.64	55.00	-0.75		
NDX9NV	37.83	0.31	4.47	4.35	-1.72	4.07	22.80	-1.26	4.71	108.85	-0.57	2.03	49.56	-1.17	3.00	
NKZBW3	39.67	0.58	0.10	6.67	-0.26	0.85	29.50	0.55	0.24	139.17	1.50	0.49	78.83	1.12	0.67	
NQPTDY	26.50	-1.35	0.18	5.00	-1.31		22.33	-1.39	0.28	122.67	0.37	0.07	66.00	0.12	0.17	
PXNJDF	35.30	-0.06	0.04	6.87	-0.14	0.67	27.43	-0.01	0.14	118.87	0.12	0.30	68.83	0.34	0.37	
Q9HGDK	28.83	-1.01	0.80	32.53	16.01X	1.67	5.80	-5.85X	0.22	101.33	-1.08	1.33	55.33	-0.72	1.50	
RNM9TV	43.02	1.07	0.40	6.67	-0.26	0.14	28.60	0.30	0.26	133.75	1.13	0.28	77.63	1.03	0.27	



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RPJJQJ	39.55	0.56	0.70	5.97	-0.70	1.05	25.54	-0.52	0.47	116.32	-0.06	0.56	75.09	0.83	0.87	
RUF88Q	33.63	-0.31	0.55	7.77	0.43	0.42	28.07	0.16	0.51	122.83	0.39	0.85	64.50	0.00	1.76	
U6NKLW	31.47	-0.62	0.13	7.36	0.17	0.30	25.43	-0.55	0.18	103.55	-0.93	0.58	55.78	-0.68	0.16	
U98MLB	26.00	-1.42	0.12	7.43	0.22	0.17	23.40	-1.10	0.13	113.03	-0.28	0.05	24.50	-3.14	0.07	
UECEXT	35.17	-0.08	0.51	7.87	0.50	0.92	30.28	0.76	0.87	124.76	0.52	0.84	69.38	0.38	0.40	
W8LRWK	33.29	-0.36	0.27	6.78	-0.19	0.14	25.93	-0.42	0.69	109.18	-0.55	0.44	66.26	0.14	0.34	
YRJZ4E	33.30	-0.36	0.47	7.57	0.31	0.49	27.57	0.02	0.27	109.00	-0.56	1.74	58.03	-0.51	2.16	

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	35.7			7.08			27.5			117.2			64.5			
Median Abs Dev	2.7			0.70			2.0			8.2			7.7			
Avg Within Lab SD	2.8			0.90			2.1			4.1			3.0			
Labs Included	33			32			32			33			33			
Labs Reporting	33			33			33			33			33			



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3C3742	127.8	0.4	0.5	65.7	0.4	0.1	266.0	0.6	0.4	685.0	1.2	0.2	160.0	0.7	0.9	
4DNCYG	115.9	-0.2	0.2	63.5	0.2	0.1	247.5	-0.1	0.1	593.0	-0.1	0.6	144.4	-0.1	0.1	
4JT9HG	100.8	-0.9	0.4	58.2	-0.4	0.2	217.8	-1.2	0.2	466.2	-1.8	0.2	136.7	-0.5	0.3	
4RMDE4	130.3	0.5		76.0	1.6		257.9	0.3		600.1	0.0		156.6	0.5		
6PY2EX	121.0	0.1	0.8	60.5	-0.2	0.1	252.5	0.1	1.7	567.0	-0.4	0.7	100.5	-2.2	1.3	
6V4ZLG	123.1	0.2	0.6	68.6	0.7	0.1	283.6	1.2	0.0	656.8	0.8	0.3	163.5	0.8	0.1	
7ZVKBJ	112.0	-0.4	0.4	59.7	-0.3	0.3	247.7	-0.1	0.5	586.7	-0.2	0.3	155.3	0.4	0.5	
8JLZ7Y	115.8	-0.2	0.3	60.5	-0.2	0.3	252.4	0.1	1.0	616.8	0.2	0.2	156.3	0.5	0.2	
8VFE7W	113.0	-0.3	0.2	62.2	0.0	0.3	257.7	0.3	0.5	617.3	0.2	0.6	162.7	0.8	0.6	
9DUCMD	109.3	-0.5	0.6	55.7	-0.7	0.1	224.3	-1.0	0.3	528.7	-1.0	0.2	136.0	-0.5	0.4	
9JEBE8	147.2	1.3	1.2	69.0	0.8	0.2	255.0	0.2	0.4	651.8	0.7	0.8	138.9	-0.4	0.2	
BQR7BR	165.7	2.2	0.5	71.7	1.1	0.2	252.7	0.1	0.8	647.0	0.6	0.7	132.0	-0.7	0.9	
C24P8U	112.0	-0.4	0.5	60.7	-0.2	0.4	232.0	-0.7	0.2	559.0	-0.6	0.0	145.3	0.0	0.5	
E8LZB9	129.7	0.5	1.4	71.0	1.0	0.5	234.0	-0.6	1.2	537.0	-0.9	3.2	154.0	0.4	0.9	
EUZK99	155.3	1.7	1.8	63.0	0.1	1.3	279.0	1.1	1.9	698.3	1.3	2.5	139.7	-0.3	2.8	
FQE3QN	107.1	-0.6	0.3	57.6	-0.5	0.4	240.8	-0.4	0.5	592.1	-0.1	0.8	147.3	0.1	0.7	
HUPVV8	95.6	-1.2	0.7	43.5	-2.1	0.9	158.2	-3.5	1.5	414.7	-2.5	1.1	72.9	-3.6	0.7	
JMY2VR	123.0	0.1	0.4	64.5	0.3	0.1	251.7	0.0	0.2	617.6	0.2	1.2	158.6	0.6	0.4	
JNVFK6	127.7	0.4	0.5	61.7	0.0	0.3	232.7	-0.7	0.4	563.7	-0.5	0.1	164.0	0.9	0.6	
JQMGJ2	119.9	0.0	0.6	58.1	-0.4	0.6	250.9	0.0	0.6	627.1	0.4	0.8	153.2	0.3	0.5	
JVDQTZ	179.6	2.9	1.7	77.5	1.7	3.8	245.3	-0.2	1.1	607.3	0.1	0.7	117.5	-1.4	0.3	
KDPUTW	149.3	1.4	2.1	74.0	1.4	0.7	257.3	0.2	2.4	656.0	0.8	0.6	131.3	-0.7	1.3	
KHLGLK	81.3	-1.9	0.6	40.0	-2.5	0.4	165.7	-3.2	0.6	450.3	-2.0	0.4	108.3	-1.8	0.7	
KUE6FY	113.3	-0.3	0.4	62.0	0.0	0.4	243.3	-0.3	0.3	613.3	0.2	0.3	153.3	0.3	0.5	
NDX9NV	150.9	1.5	2.4	77.8	1.8	3.7	264.2	0.5	2.3	629.0	0.4	2.8	138.4	-0.4	2.9	
NKZBW3	132.0	0.6	0.4	69.5	0.8		266.2	0.6	0.4	681.3	1.1	0.3	176.0	1.5	0.4	



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NQPTDY	110.5	-0.5	0.8	61.8	0.0	0.3	230.5	-0.8	0.3	566.3	-0.5	0.1	140.0	-0.3	0.2	
PXNJDF	107.9	-0.6	0.1	55.3	-0.8	0.4	238.5	-0.5	0.8	622.2	0.3	0.3	145.1	-0.1	0.6	
Q9HGDK	210.7	4.4X	0.3	103.1	4.6X	1.3	62.3	-7.1X	0.4	534.3	-0.9	0.4	138.3	-0.4	0.5	
RNM9TV	146.7	1.3	1.3	71.6	1.1	0.3	275.9	0.9	0.9	708.3	1.5	0.9	174.7	1.4	0.5	
RPJJQJ	127.6	0.4	2.3	65.6	0.4	0.4	287.6	1.4	0.8	674.2	1.0	1.2	170.3	1.2	1.6	
RUF88Q	116.1	-0.2	0.7	54.3	-0.9	0.4	302.0	1.9	1.5	570.5	-0.4	0.7	160.6	0.7	2.0	
U6NKLW	121.2	0.1	0.2	72.5	1.2	0.2	226.3	-0.9	0.1	505.7	-1.3	0.1	138.6	-0.4	0.0	
U6PM6A	115.3	-0.2	1.2	60.3	-0.2	0.9	246.0	-0.2	1.5	550.0	-0.7	0.2	144.0	-0.1	1.2	
UECEXT	112.5	-0.4	0.4	60.6	-0.2	0.0	253.3	0.1	1.2	599.3	0.0	0.6	148.6	0.1	0.5	
W8LRWK	113.3	-0.3	0.4	59.0	-0.3	0.1	240.4	-0.4	0.7	597.8	0.0	0.5	144.1	-0.1	0.8	
Y74KN9	120.0	0.0		64.0	0.2		254.0	0.1		624.0	0.3		156.0	0.5		
YRJZ4E	107.0	-0.6	0.4	58.8	-0.4	0.1	231.0	-0.7	0.3	568.7	-0.4	0.3	147.0	0.0	0.3	

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	119.9			62.0			250.9			599.7			146.2			
Median Abs Dev	7.9			3.8			12.4			34.7			9.7			
Avg Within Lab SD	5.5			4.9			7.9			22.3			6.1			
Labs Included	37			37			37			38			38			
Labs Reporting	38			38			38			38			38			



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3C3742	2,029.0	0.4	0.6	774.5	0.4	0.3	1,521.7	0.6	0.5	1,256.3	1.1	0.5	880.5	0.5	0.4
4DNCYG	1,867.6	-0.1	0.2	712.4	-0.1	0.1	1,368.8	-0.2	0.3	1,094.7	-0.1	0.3	821.9	0.0	0.1
4JT9HG	1,808.5	-0.3	0.6	750.0	0.2	0.6	1,253.7	-0.9	3.5	1,135.4	0.2	0.3	849.9	0.2	1.1
4RMDE4	1,973.9	0.2		869.9	1.2		1,500.5	0.5		1,172.4	0.5		897.6	0.6	
6PY2EX	2,032.5	0.4	1.4	732.5	0.1	0.3	1,518.0	0.6	2.5	1,075.5	-0.2	1.6	603.0	-1.8	1.2
7ZVKBJ	1,727.3	-0.6	0.0	669.0	-0.5	0.7	1,365.0	-0.3	0.3	1,052.3	-0.4	0.5	801.7	-0.2	0.4
8JLZ7Y	1,880.3	-0.1	0.6	726.4	0.0	0.3	1,434.2	0.1	0.2	1,121.2	0.1	1.2	877.5	0.4	0.4
8VFE7W	1,991.3	0.3	0.4	725.7	0.0	0.5	1,537.0	0.7	0.3	1,150.3	0.3	0.2	946.7	1.0	0.2
9DUCMD	1,560.3	-1.1	0.2	663.3	-0.5	0.4	1,183.0	-1.3	0.2	885.3	-1.6	0.9	695.3	-1.1	1.4
9JEBE8	2,470.1	1.8	0.4	837.2	0.9	0.5	1,516.3	0.6	0.4	1,191.1	0.6	0.4	686.4	-1.1	1.0
BQR7BR	2,753.3	2.6	1.2	948.0	1.8	2.6	1,580.0	1.0	0.6	1,293.3	1.4	1.2	872.0	0.4	2.2
C24P8U	1,855.0	-0.2	0.3	689.3	-0.3	0.1	1,333.3	-0.4	0.1	1,033.0	-0.6	0.1	824.3	0.0	0.1
E8LZB9	1,740.0	-0.5	0.7	378.3	-2.8	0.5	968.3	-2.5	1.1	673.3	-3.2	1.8	578.3	-2.0	1.1
EUZK99	3,324.0	4.4X	3.1	1,311.3	4.7X	6.1	2,292.7	4.9X	5.6	1,878.7	5.7X	5.7	1,448.0	5.1X	10.1
FQE3QN	1,846.8	-0.2	0.6	723.5	0.0	0.6	1,368.1	-0.2	0.2	1,085.7	-0.2	0.4	827.7	0.0	0.1
HUPVV8	1,639.9	-0.8	1.0	528.1	-1.6	0.9	974.7	-2.4	1.1	767.8	-2.5	1.5	446.6	-3.1	0.2
JMY2VR	1,960.0	0.2	0.1	744.6	0.2	0.6	1,453.3	0.2	0.5	1,180.7	0.5	0.6	874.9	0.4	0.1
JNVFK6	2,167.7	0.8	0.6	804.0	0.6	0.3	1,315.0	-0.5	1.1	1,108.0	0.0	0.4	905.3	0.7	0.4
JQMGJ2	2,056.0	0.5	0.9	646.1	-0.6	1.4	1,432.3	0.1	0.5	1,164.3	0.4	0.7	821.8	0.0	0.9
JVDQTZ	1,985.0	0.2	3.8	828.9	0.8	3.3	1,407.0	0.0	0.3	1,119.7	0.1	0.8	722.5	-0.8	2.2
KDPUTW	2,410.7	1.6	1.9	867.0	1.1	0.6	1,436.7	0.2	2.0	1,186.0	0.6	0.4	704.0	-1.0	0.5
KHLGLK	1,383.3	-1.6	0.3	476.7	-2.0	0.1	986.7	-2.4	0.3	803.3	-2.2	0.2	596.7	-1.9	0.7
KUE6FY	1,862.0	-0.1	0.3	724.7	0.0	0.3	1,382.7	-0.2	0.5	1,102.7	0.0	0.9	836.7	0.1	1.8
NDX9NV	2,328.8	1.3	1.4	969.5	2.0	2.3	1,521.7	0.6	0.5	1,183.0	0.5	2.3	762.6	-0.5	2.1
NKZBW3	2,535.7	2.0	0.1	829.0	0.8	0.1	1,762.3	2.0	0.0	1,407.7	2.2	0.2	1,085.7	2.1	0.2
NQPTDY	1,683.0	-0.7	0.2	634.3	-0.7	0.2	1,252.0	-0.9	0.2	1,008.8	-0.7	0.1	771.0	-0.4	0.3



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PXNJDF	1,838.7	-0.2	0.5	702.0	-0.2	0.6	1,412.7	0.0	0.4	1,141.3	0.2	0.8	837.0	0.1	0.9	
Q9HGDK	1,578.3	-1.0	0.4	1,881.7	9.4X	1.2	618.3	-4.4X	0.1	1,046.7	-0.5	1.6	803.7	-0.2	0.3	
RNM9TV	2,263.7	1.1	0.6	782.6	0.5	0.4	1,537.7	0.7	0.4	1,172.2	0.5	0.5	892.1	0.6	0.6	
RPJJQJ	1,803.7	-0.3	0.6	650.4	-0.6	0.7	1,345.2	-0.4	0.8	954.1	-1.1	0.7	744.6	-0.6	0.9	
RUF88Q	2,187.8	0.9	0.8	591.2	-1.1	0.9	1,522.4	0.6	0.5	1,107.7	0.0	2.7	743.1	-0.7	1.4	
U6NKLW	1,823.7	-0.3	0.7	738.4	0.1	0.3	1,352.0	-0.3	0.3	1,108.3	0.0	0.3	866.0	0.3	0.1	
U6PM6A	2,299.7	1.2	0.5	786.0	0.5	0.6	1,468.7	0.3	0.4	1,120.7	0.1	0.9	873.3	0.4	0.7	
UECEXT	1,879.8	-0.1	0.3	682.7	-0.4	0.2	1,394.6	-0.1	1.0	1,055.7	-0.4	0.5	806.4	-0.1	1.3	
W8LRWK	1,917.0	0.0	1.5	705.2	-0.2	0.4	1,448.2	0.2	1.2	1,108.3	0.0	0.6	823.7	0.0	0.5	
Y74KN9	1,906.0	0.0		743.0	0.1		1,254.0	-0.9		1,031.0	-0.6		842.0	0.1		

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	1,906.0			726.0			1,409.8			1,108.3			823.7			
Median Abs Dev	126.5			58.5			92.8			61.6			53.7			
Avg Within Lab SD	105.2			40.6			59.1			31.3			29.0			
Labs Included	35			34			34			35			35			
Labs Reporting	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	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3C3742	510.2	0.4	0.2	127.9	0.2	0.2	228.2	0.5	0.0	172.9	1.2	0.2	116.1	0.6	0.1
4DNCYG	498.2	0.3	0.1	116.8	-0.3	0.2	219.3	0.1	0.1	150.9	0.0	0.2	101.5	-0.2	0.2
4JT9HG	382.4	-1.1	0.3	146.4	1.1	0.5	227.8	0.4	0.7	163.0	0.6	0.4	125.8	1.1	0.6
4RMDE4	488.3	0.1		140.1	0.8		231.5	0.6		159.7	0.5		115.8	0.6	
6PY2EX	492.0	0.2	1.1	116.0	-0.4	0.1	214.0	-0.1	1.8	142.0	-0.5	0.8	64.5	-2.0	0.6
7ZVKBJ	424.3	-0.6	0.0	113.7	-0.5	0.4	204.7	-0.5	0.3	145.3	-0.3	0.3	106.3	0.1	0.2
8JLZ7Y	466.7	-0.1	0.2	116.0	-0.4	0.2	216.1	0.0	0.6	150.5	0.0	0.4	111.1	0.3	0.1
8VFE7W	475.0	0.0	0.3	134.0	0.5	0.1	217.3	0.0	0.5	157.3	0.3	0.5	119.7	0.8	0.2
9DUCMD	424.0	-0.6	0.2	110.3	-0.7	0.1	191.7	-1.0	0.1	130.3	-1.1	0.4	95.3	-0.5	0.2
9JEBE8	620.9	1.8	0.8	131.2	0.4	0.3	246.1	1.2	0.7	156.1	0.3	0.1	86.5	-0.9	0.4
BQR7BR	664.0	2.3	1.4	148.0	1.2	0.8	227.7	0.4	0.5	174.0	1.2	0.6	107.7	0.2	0.4
C24P8U	445.3	-0.4	0.2	117.3	-0.3	0.5	192.7	-0.9	0.2	136.7	-0.7	0.2	103.7	0.0	0.3
E8LZB9	550.0	0.9	2.5	100.0	-1.2	1.1	195.0	-0.8	1.3	126.7	-1.3	0.7	85.0	-1.0	0.6
EUZK99	699.0	2.7	2.0	170.0	2.3	1.5	292.0	3.0	2.3	201.3	2.7	1.4	136.0	1.6	0.7
FQE3QN	460.0	-0.2	0.5	133.1	0.5	0.3	216.5	0.0	0.2	156.1	0.3	0.5	115.3	0.6	0.2
HUPVV8	427.8	-0.6	0.9	97.9	-1.3	0.2	156.5	-2.3	1.1	114.6	-1.9	0.9	60.9	-2.2	0.1
JMY2VR	487.1	0.1	0.1	121.6	-0.1	0.1	213.1	-0.1	0.2	155.3	0.2	0.0	112.2	0.4	0.8
JNVFK6	508.3	0.4	0.5	126.0	0.1	0.4	207.3	-0.4	0.8	140.3	-0.5	0.4	112.7	0.4	0.6
JQMGJ2	492.1	0.2	1.0	106.4	-0.9	0.7	205.3	-0.4	0.1	148.3	-0.1	0.5	100.0	-0.2	0.2
JVDQTZ	470.4	-0.1	3.2	130.5	0.3	2.0	192.2	-1.0	0.4	137.1	-0.7	0.3	81.6	-1.2	0.1
KDPUTW	608.3	1.6	1.5	143.3	1.0	0.2	217.3	0.0	0.9	160.3	0.5	0.3	91.0	-0.7	0.5
KHLGLK	300.0	-2.2	0.7	77.3	-2.3	0.2	141.7	-2.9	0.6	102.3	-2.5	0.2	74.7	-1.5	0.1
KUE6FY	476.3	0.0	0.2	129.7	0.3	0.5	217.3	0.0	0.6	158.0	0.4		106.7	0.1	1.0
NDX9NV	576.4	1.2	0.9	139.5	0.8	4.6	224.1	0.3	3.8	146.7	-0.2	5.1	84.5	-1.0	5.4
NKZBW3	541.0	0.8	0.1	141.0	0.9	0.2	266.3	1.9	0.7	177.7	1.4	0.1	140.7	1.8	0.2
NQPTDY	426.0	-0.6	0.1	117.5	-0.3	0.2	198.8	-0.7	0.2	144.8	-0.3	0.0	102.0	-0.1	0.6



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PXNJDF	435.4	-0.5	0.4	112.8	-0.5	0.3	202.6	-0.5	0.4	152.6	0.1	0.5	105.1	0.0	0.4	
Q9HGDK	207.7	-3.3X	0.1	429.3	15.2X	0.4	106.7	-4.3X	0.1	139.7	-0.6	0.7	101.3	-0.2	0.4	
RNM9TV	579.9	1.3	0.8	126.2	0.1	0.2	227.8	0.4	0.4	156.9	0.3	0.2	110.7	0.3	0.2	
RPJJQJ	581.7	1.3	1.3	146.7	1.1	0.6	260.1	1.7	1.2	176.8	1.4	0.3	128.7	1.2	0.6	
RUF88Q	476.1	0.0	1.0	101.4	-1.1	0.4	220.3	0.1	1.1	149.2	-0.1	0.4	89.0	-0.8	0.7	
U6NKLW	473.0	0.0	0.1	123.3	0.0	0.1	212.0	-0.2	0.1	151.0	0.0	0.3	107.5	0.2	0.2	
U6PM6A	510.3	0.4	0.2	129.3	0.3	0.2	222.3	0.2	0.2	156.3	0.3	0.3	114.3	0.5	0.3	
UECEXT	467.3	-0.1	0.2	112.2	-0.6	0.6	213.1	-0.1	0.6	141.8	-0.5	0.3	98.9	-0.3	0.4	
W8LRWK	460.6	-0.2	0.2	108.9	-0.7	0.3	203.6	-0.5	0.5	140.1	-0.6	0.6	92.5	-0.6	0.3	
Y74KN9	460.4	-0.2	0.0	123.8	0.0		217.8	0.0	0.0	138.6	-0.6	0.0	104.0	0.0	0.0	

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	476.3			123.8			216.5			150.7			104.5			
Median Abs Dev	33.8			10.3			11.3			9.0			10.3			
Avg Within Lab SD	29.1			11.7			10.4			8.7			8.5			
Labs Included	35			35			35			36			36			
Labs Reporting	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	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4JT9HG	9.5	-0.4	0.2	12.9	-1.1	0.7	10.3	-0.4	0.3	4.3	-1.0	0.5	4.6	-0.7	0.1		
4RMDE4	18.6	0.5		37.2	0.9		18.9	0.6		20.5	0.6		16.9	0.5			
6PY2EX	32.5	1.8	0.5	40.0	1.1	0.4	20.5	0.7	0.8	26.5	1.2	0.8	16.5	0.5	0.2		
8JLZ7Y	14.2	0.1	0.2	28.9	0.2	1.0	15.8	0.2	0.3	17.5	0.3	0.8	14.6	0.3	0.4		
8VFE7W	6.3	-0.7	0.3	20.8	-0.4	0.3	6.7	-0.7	0.1	6.7	-0.7	0.2	5.1	-0.7	0.2		
9DUCMD	8.3	-0.5	0.1	21.0	-0.4	0.5	12.7	-0.1	0.4	10.3	-0.4	0.6	6.3	-0.6	0.1		
BQR7BR	13.3	0.0	0.4	26.0	0.0	0.3	10.3	-0.4	0.1	13.3	-0.1	1.6	8.7	-0.3	0.3		
FQE3QN	26.7	1.3	0.2	39.0	1.0	0.3	29.0	1.6	0.3	28.8	1.4	0.7	27.8	1.6	0.7		
HUPVV8	9.5	-0.4	0.2	16.9	-0.8	0.7	7.6	-0.6	0.8	8.0	-0.6	0.1	3.7	-0.8	0.4		
JQMGJ2	9.6	-0.4	0.1	27.1	0.1	3.2	11.5	-0.2	1.3	11.6	-0.3	0.9	7.7	-0.4	0.9		
JVDQTZ	28.3	1.4	1.6	38.6	1.0	1.6	24.0	1.1	0.5	23.1	0.9	1.5	21.5	1.0	1.7		
KDPUTW	14.3	0.1	0.5	30.7	0.4	0.4	11.3	-0.2	0.1	13.3	-0.1	0.2	8.3	-0.3	0.1		
KHLGLK	5.7	-0.7	0.1	15.7	-0.9	0.6	6.3	-0.8	0.1	6.7	-0.7	0.2	4.7	-0.7	0.1		
NDX9NV	42.1	2.7	3.7	56.9	2.5	1.8	39.3	2.7	1.7	35.2	2.1	1.4	34.0	2.3	3.8		
NKZBW3	22.0	0.8		0.9	-2.1	0.0	22.0	0.9		15.3	0.1	0.4	19.7	0.8	0.3		
PXNJDF	12.5	-0.1	0.2	24.0	-0.2	0.2	15.5	0.2	0.8	15.5	0.1	0.8	12.1	0.0	0.4		
Q9HGDK	8.7	-0.4	0.1	11.0	-1.2	0.3	13.7	0.0	0.1	5.8	-0.8	0.1	12.7	0.1	0.1		
RNM9TV	7.0	-0.6	0.1	22.5	-0.3	0.2	6.7	-0.7	0.1	7.7	-0.6	0.1	4.8	-0.7	0.0		
RPJJQJ	13.5	0.0	0.5	26.3	0.0	0.5	12.8	-0.1	0.7	14.2	0.0	0.9	10.9	-0.1	0.1		
RUF88Q	35.3	2.1	1.8	35.7	0.8	0.5	31.8	1.9	1.6	37.1	2.3	3.0	34.2	2.3	1.3		
UECEXT	10.4	-0.3	0.2	26.8	0.0	1.2	20.3	0.7	3.1	15.6	0.1	0.6	11.8	0.0	0.5		
W8LRWK	15.0	0.2	0.3	27.6	0.1	0.4	17.4	0.4	0.3	21.1	0.7	1.0	17.4	0.6	0.4		
Y74KN9	10.6	-0.3	0.0	25.9	0.0	0.0	11.0	-0.3		11.3	-0.3	0.0	9.3	-0.2	0.0		



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	13.3	26.3	13.7	14.2	11.8	
Median Abs Dev	4.7	5.5	5.2	6.3	5.4	
Avg Within Lab SD	4.0	3.3	4.3	2.7	4.0	
Labs Included	23	23	23	23	23	
Labs Reporting	23	23	23	23	23	



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

Data units: mg/kg

WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3C3742	12.1	0.0	0.2	26.7	0.3	0.0	15.3	0.2	0.7	14.7	0.2	0.0	17.5	0.5	0.3
4JT9HG	7.3	-0.6	0.1	16.4	-1.1	0.3	9.6	-0.8	0.6	10.6	-0.6	0.2	9.3	-1.1	0.3
4RMDE4	12.4	0.1		16.7	-1.0		12.7	-0.2		11.5	-0.5		10.9	-0.8	
6PY2EX	15.5	0.5	0.3	25.5	0.2	0.3	14.5	0.1	0.6	13.0	-0.2		10.5	-0.9	0.5
7ZVKBJ	8.7	-0.4	0.3	22.0	-0.3	0.4	13.3	-0.1	0.5	13.7	0.0	0.2	14.3	-0.1	0.4
8JLZ7Y	10.9	-0.1	0.1	25.8	0.2	0.3	13.5	-0.1	1.4	15.0	0.2	0.5	15.3	0.1	1.3
8VFE7W	9.3	-0.4	0.4	26.0	0.2	0.1	13.7	-0.1	0.3	13.0	-0.2	0.1	15.7	0.2	0.3
9JEBE8	13.8	0.3	0.3	28.1	0.5	0.5	15.6	0.3	0.5	15.1	0.2	0.2	14.8	0.0	0.7
BQR7BR	16.7	0.6	0.3	34.0	1.3	0.4	17.7	0.7	0.5	17.0	0.6		16.7	0.4	1.1
C24P8U	11.3	-0.1	0.0	22.9	-0.2	0.3	12.5	-0.3	0.1	13.2	-0.1	0.1	15.0	0.0	0.1
FQE3QN	9.6	-0.3	0.1	24.2	0.0	0.0	14.0	0.0	0.6	13.9	0.0	0.4	14.8	0.0	1.2
HUPVV8	54.1	5.7	1.5	39.5	2.1	0.7	39.2	4.6	1.3	33.2	3.7	0.8	23.4	1.7	0.7
JMY2VR	11.5	-0.1	0.1	25.1	0.1	0.1	14.7	0.1	0.1	14.3	0.1	0.2	16.6	0.4	0.1
JQMGI2	8.8	-0.4	0.2	20.2	-0.6	0.9	11.6	-0.5	0.7	12.0	-0.4	0.1	12.3	-0.5	0.7
JVDQTZ	10.8	-0.1	1.5	20.7	-0.5	1.0	12.1	-0.4	0.1	16.3	0.5	1.7	11.2	-0.7	0.2
KDPUTW	12.1	0.0	0.8	28.1	0.5	0.8	13.0	-0.2	0.7	13.2	-0.1	0.1	8.4	-1.3	0.3
KHLGLK	9.0	-0.4		17.7	-0.9	0.2	11.3	-0.5	0.5	12.0	-0.4		13.7	-0.2	0.4
NDX9NV	39.7	3.7	4.1	42.5	2.5	4.4	34.8	3.8	2.9	33.2	3.7	3.7	37.6	4.6	2.7
NKZBW3	37.0	3.4		25.3	0.2	0.2	31.3	3.1	0.5	25.0	2.2		22.7	1.6	0.4
PXNJDF	12.8	0.1	0.2	15.9	-1.1	0.2	13.2	-0.2	0.4	12.2	-0.3	0.2	11.0	-0.8	0.4
Q9HGDK	12.0	0.0	0.5	13.3	-1.5	0.2	13.7	-0.1	1.4	5.4	-1.6	0.1	12.7	-0.4	0.4
RPJJQJ	12.5	0.1	0.4	17.9	-0.9	0.1	14.8	0.1	1.4	10.6	-0.6	0.6	11.5	-0.7	2.5
RUF88Q	10.8	-0.2	0.7	25.6	0.2	0.5	14.8	0.1	1.1	14.7	0.2	0.5	16.4	0.3	0.5
U6NKLW	14.5	0.3	0.1	17.1	-1.0	0.2	14.6	0.1	0.2	13.4	-0.1	0.1	12.9	-0.4	0.6
UECEXT	10.8	-0.1	0.4	23.3	-0.1	0.9	11.7	-0.4	2.0	17.5	0.7	0.2	15.9	0.2	0.9
W8LRWK	11.9	0.0	0.3	20.6	-0.5	1.1	20.7	1.2	0.3	18.0	0.8	1.9	16.2	0.3	2.0



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS1611				SRS1612			SRS1613			SRS1614			SRS1615			
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	
Y74KN9	10.4	-0.2	0.0	24.8	0.1	0.0	14.2	0.0	0.0	13.9	0.0	0.0	14.3	-0.1	0.0	

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups										Data units: mg/kg			
SRS1611			SRS1612			SRS1613			SRS1614			SRS1615	
Grand Median	11.9		24.2			14.0			13.9			14.8	
Median Abs Dev	1.5		3.6			1.3			1.6			1.9	
Avg Within Lab SD	2.1		2.7			1.1			3.1			1.4	
Labs Included	27		27			27			27			27	
Labs Reporting	27		27			27			27			27	



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Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
6PY2EX	565.5	-0.9	0.8	857.5	-1.0	0.2	1,003.5	0.0	0.4	803.0	-1.7	0.3	662.5	-0.6	0.7	
8JLZ7Y	671.3	-0.2	0.3	1,046.8	0.0	0.4	1,052.2	0.4	0.3	1,141.8	0.4	0.3	840.9	0.9	0.4	
8VFE7W	582.7	-0.7	0.3	941.0	-0.6	0.2	932.3	-0.6	0.5	1,000.3	-0.5	0.3	731.3	-0.1	0.6	
BQR7BR	871.7	1.1	0.7	1,236.7	1.0	0.6	1,120.0	1.0	0.3	1,253.3	1.1	0.2	798.7	0.5	0.9	
HUPVV8	758.4	0.4	0.7	1,041.4	0.0	0.7	945.6	-0.5	0.9	1,074.6	0.0	0.7	575.0	-1.4	1.0	
JQMGJ2	828.4	0.8	1.1	1,125.7	0.4	0.8	1,143.0	1.2	1.0	1,324.3	1.5	0.7	820.9	0.7	0.7	
KDPUTW	739.0	0.2	0.9	1,049.7	0.0	0.4	891.3	-1.0	0.4	1,053.7	-0.1	0.2	581.3	-1.3	0.5	
KHLGLK	540.0	-1.0	0.2	675.0	-2.0	2.3	786.7	-1.9	0.5	937.7	-0.8	0.0	598.3	-1.2	0.2	
NDX9NV	832.1	0.8	1.4	1,181.1	0.7	1.4	1,087.3	0.7	1.2	1,172.9	0.6	1.0	810.4	0.6	2.3	
Q9HGDK	1,038.7	2.1	0.1	658.7	-2.1	0.1	1,008.7	0.0	0.1	1,068.7	0.0	0.2	711.3	-0.2	1.0	
RNM9TV	731.5	0.2	0.7	1,066.3	0.1	0.1	1,030.9	0.2	0.1	1,169.6	0.6	0.3	823.9	0.8	0.5	
RUF88Q	664.7	-0.2	2.8	1,090.1	0.3	2.2	1,097.5	0.8	3.1	1,336.8	1.6	3.4	804.2	0.6	1.8	
UECEXT	629.3	-0.5	0.2	984.3	-0.3	0.3	982.1	-0.2	0.3	1,074.8	0.0	0.2	743.2	0.1	0.4	
W8LRWK	640.6	-0.4	0.2	900.3	-0.8	0.1	891.0	-1.0	0.2	994.9	-0.5	0.3	691.4	-0.4	0.5	

Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	701.4			1,044.1			1,006.1			1,074.7			737.3			
Median Abs Dev	95.4			92.3			77.5			87.4			74.0			
Avg Within Lab SD	40.1			81.8			58.6			95.6			37.8			
Labs Included	14			14			14			14			14			
Labs Reporting	14			14			14			14			14			



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3C3742	4.09	0.00	0.30	0.79	-0.68	0.25	3.74	-0.22	0.34	2.63	-0.01	0.04	2.52	0.00	0.18	
4JT9HG	4.83	0.80	4.12	2.17	4.25	0.97	4.33	0.77	0.85	3.17	1.24	0.68	3.27	1.73	1.17	
4RMDE4	6.42	2.50		3.94	10.60X		6.47	4.31X		5.10	5.72X		4.60	4.80X		
6PY2EX	4.98	0.95	0.66	1.21	0.80	0.49	4.45	0.95	1.13	2.75	0.26	0.79	2.01	-1.17	0.86	
7ZVKBJ	3.50	-0.63		0.90	-0.29	0.00	3.70	-0.28	0.00	2.53	-0.23	0.26	2.53	0.04	0.29	
8JLZ7Y	4.41	0.34	0.42	1.28	1.06	0.29	4.22	0.58	0.30	3.10	1.09	0.73	3.10	1.35	0.56	
8VFE7W	3.85	-0.25	0.07	1.09	0.39	0.11	3.98	0.19	0.75	2.71	0.19	0.36	2.75	0.54	0.10	
9JEBE8	5.38	1.39	0.23	0.97	-0.05	0.35	4.33	0.76	0.67	2.68	0.10	0.03	2.48	-0.08	0.20	
BQR7BR	9.00	5.26X	12.42	1.00	0.07		5.00	1.87		3.00	0.85		3.00	1.11		
EUZK99	6.41	2.49	0.63	1.41	1.55	0.42	5.34	2.43	1.19	3.32	1.60	0.92	3.24	1.66	1.07	
FQE3QN	3.88	-0.22	0.73	1.06	0.27	0.22	3.78	-0.15	0.22	2.37	-0.60	0.58	2.52	0.02	1.03	
HUPVV8	3.59	-0.53	0.46	0.67	-1.11	1.13	3.12	-1.25	1.47	2.05	-1.36	0.80	1.62	-2.07	0.17	
JMY2VR	4.34	0.27	0.38	0.96	-0.06	0.31	4.12	0.41	1.05	2.65	0.05	0.62	2.59	0.18	1.23	
JQMGI2	4.07	-0.02	0.77	0.87	-0.41	0.37	3.77	-0.17	0.47	2.40	-0.54	0.45	2.50	-0.04		
JVDQTZ	4.45	0.39	0.54	1.24	0.92	0.69	3.80	-0.12	0.43	3.39	1.74	3.39	2.17	-0.80	0.09	
KDPUTW	4.67	0.63	0.81	0.99	0.05	0.45	3.54	-0.54	0.45	2.46	-0.40	0.08	2.03	-1.11	0.53	
KHLGLK	2.87	-1.31	0.14	0.70	-1.00	0.00	2.87	-1.67	0.24	1.87	-1.78	0.26	1.93	-1.34	0.29	
NDX9NV	4.74	0.70	0.99	0.95	-0.09	4.50	4.51	1.06	3.74	2.09	-1.25	2.69	2.57	0.13	3.88	
NKZBW3	4.40	0.34	0.00	0.90	-0.29	0.00	3.63	-0.40	0.24	2.63	0.00	0.26	2.30	-0.50	0.00	
PXNJDF	3.64	-0.48	0.25	0.85	-0.46	0.38	3.45	-0.70	0.18	2.59	-0.11	0.43	2.40	-0.26	0.49	
Q9HGDK	3.70	-0.41	0.24	3.37	8.55X	0.97	0.69	-5.27X	0.10	2.17	-1.08	0.26	2.20	-0.73	0.50	
RNM9TV	5.11	1.10	0.60	1.05	0.26	0.22	4.37	0.83	0.13	2.94	0.72	0.10	2.93	0.95	0.39	
RPJJQJ	4.02	-0.07	0.57	1.12	0.49	0.26	3.91	0.06	0.79	2.68	0.11	0.56	2.55	0.09	0.19	
RUF88Q	3.51	-0.62	1.05	0.81	-0.61	0.72	3.84	-0.05	1.17	2.66	0.07	1.45	2.59	0.18	1.49	
U6NKLW	2.95	-1.22	0.12	0.77	-0.77	0.04	2.85	-1.70	0.27	1.85	-1.82	0.17	1.95	-1.31	0.30	
UECEXT	3.73	-0.38	0.31	1.11	0.46	0.17	3.71	-0.26	0.44	2.46	-0.41	0.25	2.44	-0.18	0.44	



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS1611				SRS1612			SRS1613			SRS1614			SRS1615			
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	
W8LRWK	4.16	0.08	0.66	1.22	0.87	0.26	3.92	0.09	0.17	2.81	0.41	0.27	2.80	0.64	0.26	
Y74KN9	4.00	-0.09		0.90	-0.29	0.00	3.90	0.05	0.00	2.55	-0.19	0.00	2.51	-0.02	0.00	
Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS1611				SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	4.09			0.98			3.87			2.63			2.52			
Median Abs Dev	0.45			0.13			0.29			0.18			0.23			
Avg Within Lab SD	0.42			0.16			0.24			0.22			0.20			
Labs Included	27			26			26			27			27			
Labs Reporting	28			28			28			28			28			



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3C3742	105.0	-0.2	0.4	256.4	-0.6	0.1	111.0	0.0	1.3	200.6	0.7	0.6	115.2	0.1	0.7	
4JT9HG	86.2	-1.1	1.0	248.9	-0.7	0.7	97.3	-1.0	0.8	137.8	-2.0	0.5	95.7	-1.2	1.1	
4RMDE4	115.6	0.4		294.6	0.3		111.5	0.0		154.4	-1.3		108.6	-0.3		
6PY2EX	121.0	0.7	1.0	294.0	0.3	0.7	116.5	0.4	1.9	187.5	0.2	0.8	86.5	-1.7	1.1	
7ZVKBJ	100.3	-0.4	0.4	263.0	-0.4	0.6	112.3	0.1	0.4	170.3	-0.6	0.3	117.3	0.2	0.1	
8JLZ7Y	116.3	0.4	0.7	299.0	0.4	0.5	119.2	0.6	0.8	186.9	0.1	0.7	128.5	1.0	0.5	
8VFE7W	97.8	-0.5	0.5	275.3	-0.1	0.8	102.7	-0.6	0.7	175.0	-0.4	0.3	113.7	0.0	0.3	
9JEBE8	148.2	2.1	0.6	366.0	1.9	0.7	125.0	1.1	1.4	191.9	0.4	0.4	121.1	0.5	0.4	
BQR7BR	135.0	1.4	1.1	335.3	1.2	0.1	114.3	0.3	0.7	202.7	0.8	0.2	117.3	0.2	0.7	
C24P8U	95.8	-0.6	0.2	283.3	0.0	0.2	99.0	-0.9	0.7	190.7	0.3	0.3	113.7	0.0	0.5	
EUZK99	163.9	2.9	1.6	358.4	1.7	2.0	131.8	1.6	1.5	198.0	0.6	1.2	140.0	1.7	2.7	
FQE3QN	112.9	0.2	1.6	339.5	1.3	1.2	115.9	0.4	1.1	193.2	0.4	0.3	125.2	0.7	1.3	
HUPVV8	97.4	-0.6	0.8	245.3	-0.8	0.7	81.4	-2.2	1.1	146.7	-1.6	1.6	74.0	-2.5	0.6	
JMY2VR	112.9	0.2	0.7	281.3	0.0	0.6	113.9	0.2	1.3	180.8	-0.1	1.3	120.4	0.4	0.8	
JQMGJ2	106.9	-0.1	1.7	263.6	-0.4	2.3	105.3	-0.4	1.0	203.0	0.8	1.0	114.9	0.1	0.1	
KDPUTW	100.0	-0.4	0.8	264.0	-0.4	0.7	86.3	-1.9	1.0	200.3	0.7	0.3	86.0	-1.8	0.7	
KHLGLK	96.7	-0.6	0.1	240.0	-0.9		89.0	-1.7	0.2	127.0	-2.5	0.4	94.7	-1.2	0.5	
NDX9NV	142.6	1.8	2.2	361.4	1.8	2.9	117.7	0.5	1.9	183.6	0.0	2.7	126.0	0.8	2.6	
NKZBW3	123.7	0.8	0.1	303.3	0.5	0.4	121.0	0.8	0.2	214.3	1.3	0.1	124.0	0.7		
PXNJDF	105.9	-0.1	0.6	272.3	-0.2	0.4	104.2	-0.5	0.2	186.0	0.1	1.0	105.6	-0.5	0.5	
Q9HGDK	119.4	0.6	0.8	101.0	-4.1X	0.1	277.7	12.6X	1.7	172.3	-0.5	1.3	112.7	-0.1	1.1	
RNM9TV	135.7	1.4	1.4	351.5	1.6	0.3	126.3	1.2	0.1	202.7	0.8	0.7	132.1	1.2	0.5	
RPJJQJ	102.5	-0.3	1.0	262.8	-0.4	0.5	107.9	-0.2	0.5	181.2	-0.1	0.9	109.2	-0.3	0.6	
RUF88Q	94.1	-0.7	1.9	244.5	-0.8	0.3	95.9	-1.1	1.3	150.4	-1.5	2.1	99.5	-0.9	1.0	
U6NKLW	107.0	-0.1	0.2	323.0	0.9	0.2	111.6	0.0	0.0	184.1	0.0	0.8	117.3	0.2	0.3	
UECEXT	104.9	-0.2	0.4	282.0	0.0	0.4	108.3	-0.2	0.7	181.1	-0.1	0.5	110.6	-0.2	0.3	



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
W8LRWK	109.2	0.1	0.5	277.0	-0.1	0.2	111.0	0.0	1.1	182.6	-0.1	0.5	112.6	-0.1	0.3	
Y74KN9	109.3	0.1	0.0	292.5	0.2		107.4	-0.3	0.0	167.5	-0.7		109.0	-0.3		

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	108.1			282.0			111.0			183.9			113.7			
Median Abs Dev	9.2			19.1			6.7			12.5			7.1			
Avg Within Lab SD	4.3			14.7			4.2			6.0			6.0			
Labs Included	28			27			27			28			28			
Labs Reporting	28			28			28			28			28			



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3C3742	145.4	-0.7	0.5	101.7	-1.1	0.2	142.0	-1.2	0.4	286.9	-0.8	0.4	131.1	-0.6	0.1	
4JT9HG	154.3	-0.4	1.2	147.9	0.9	1.3	185.3	0.3	0.8	320.2	-0.1	0.1	152.8	0.2	0.5	
4RMDE4	177.9	0.5		136.0	0.4		181.7	0.2		333.9	0.1		150.5	0.1		
6PY2EX	197.0	1.1	0.9	142.0	0.6	0.9	173.0	-0.1	0.7	262.0	-1.2	0.6	120.0	-1.0	1.1	
7ZVKBJ	151.0	-0.5	0.1	115.0	-0.5	0.8	180.0	0.1	0.5	352.7	0.5	0.3	159.0	0.4	0.2	
8JLZ7Y	166.2	0.1	0.4	134.9	0.3	0.8	197.4	0.7	1.0	393.7	1.2	0.5	181.5	1.2	1.1	
8VFE7W	144.3	-0.7	0.5	109.7	-0.8	0.3	151.7	-0.8	0.6	299.7	-0.5	0.9	139.0	-0.3	0.3	
9JEBE8	220.8	2.0	0.4	158.5	1.4	0.7	220.6	1.5	1.4	343.8	0.3	0.5	179.4	1.1	0.3	
BQR7BR	199.7	1.2	0.5	148.7	0.9	0.2	195.0	0.6	0.9	308.7	-0.4	0.2	160.7	0.5	0.8	
C24P8U	156.3	-0.3	0.2	123.3	-0.2	0.4	168.7	-0.3	0.5	259.0	-1.3	0.1	141.7	-0.2	0.2	
EUZK99	231.4	2.4	2.3	166.9	1.7	2.4	234.4	1.9	2.2	311.0	-0.3	1.1	201.0	1.9	2.6	
FQE3QN	172.9	0.3	1.3	137.1	0.4	1.3	185.6	0.3	1.4	362.6	0.6	1.2	158.9	0.4	0.9	
HUPVV8	156.6	-0.3	0.4	122.3	-0.2	0.9	138.9	-1.3	0.6	244.9	-1.5	0.7	95.0	-2.0	0.3	
JMY2VR	173.2	0.3	0.5	121.5	-0.3	0.8	169.0	-0.3	0.7	317.4	-0.2	1.7	149.8	0.1	0.6	
JQMGJ2	162.2	-0.1	0.6	126.1	-0.1	0.3	181.3	0.1	0.8	263.7	-1.2	2.2	140.4	-0.3	0.5	
KDPUTW	159.3	-0.2	1.0	106.3	-0.9	1.0	129.7	-1.6	1.3	218.3	-2.0	0.3	95.7	-1.9	0.6	
KHLGLK	163.7	0.0	0.4	132.0	0.2	0.2	195.0	0.6		361.7	0.6	0.2	154.3	0.2	0.1	
NDX9NV	215.9	1.8	2.0	150.2	1.0	2.0	217.3	1.3	2.6	335.1	0.1	1.3	194.2	1.7	2.8	
NKZBW3	187.0	0.8	0.4	125.7	-0.1	0.3	181.3	0.1	0.1	410.0	1.5	0.3	153.7	0.2	0.1	
PXNJDF	156.5	-0.3	0.2	120.6	-0.3	0.4	153.9	-0.8	0.4	341.7	0.3	0.7	128.9	-0.7	0.1	
Q9HGDK	216.3	1.8	0.3	182.7	2.4	0.5	156.7	-0.7	0.6	361.3	0.6	0.2	168.0	0.7	0.6	
RNM9TV	199.6	1.2	1.0	160.5	1.5	0.1	184.1	0.2	0.2	385.0	1.1	0.3	159.3	0.4	0.5	
RPJJQJ	128.2	-1.3	0.5	97.2	-1.3	0.4	130.9	-1.5	0.1	260.8	-1.2	0.2	113.6	-1.3	0.2	
RUF88Q	155.8	-0.3	3.0	112.7	-0.6	2.7	152.4	-0.8	1.7	323.6	-0.1	3.2	138.2	-0.4	2.4	
U6NKLW	165.6	0.0	0.2	128.6	0.1	0.2	173.8	-0.1	0.0	352.3	0.4	0.3	146.6	-0.1	0.2	
UECEXT	161.0	-0.1	0.4	124.0	-0.1	0.6	163.6	-0.4	0.4	332.7	0.1	0.3	144.2	-0.1	0.2	



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
W8LRWK	167.6	0.1	0.5	118.3	-0.4	0.3	152.5	-0.8	0.4	310.1	-0.3	0.7	134.9	-0.5	0.5	
Y74KN9	162.2	-0.1	0.0	129.2	0.1	0.0	182.9	0.2	0.0	341.5	0.2		141.3	-0.3	0.0	
Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	164.6			127.4			176.9			328.1			148.2			
Median Abs Dev	9.6			11.0			18.1			26.5			11.0			
Avg Within Lab SD	8.2			6.0			7.9			13.5			10.4			
Labs Included	28			28			28			28			28			
Labs Reporting	28			28			28			28			28			



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3C3742	1.42	-0.82	1.11	0.56	-0.33	0.47	1.35	-0.43	0.98	1.41	-0.60	0.39	1.21	0.00	0.60	
4JT9HG	1.73	0.29	0.60	1.00	1.62		1.77	1.13	0.71	1.87	0.87	0.35	1.57	1.35	0.83	
4RMDE4	1.46	-0.69		0.52	-0.50		1.33	-0.49		1.56	-0.12		1.12	-0.36		
6PY2EX	2.05	1.42	0.44	0.96	1.42	1.35	1.90	1.60	1.99	0.91	-2.23	4.37	1.09	-0.47	1.43	
7ZVKBJ	1.40	-0.90	0.00	0.60	-0.14	0.00	1.40	-0.23	0.00	1.67	0.23	0.35	1.30	0.33	0.00	
8JLZ7Y	1.59	-0.22	0.28	0.53	-0.46	0.22	1.48	0.05	0.60	1.76	0.54	0.19	1.38	0.65	0.33	
8VFE7W	1.60	-0.19	0.10	0.80	0.72	0.83	1.54	0.30	0.63	1.86	0.85	0.28	1.47	0.97	0.51	
9JEBE8	1.97	1.12	0.28	0.64	0.04	0.32	1.55	0.32	0.75	1.54	-0.17	0.12	1.12	-0.36	0.51	
BQR7BR	2.00	1.24		1.00	1.62		1.00	-1.72		2.00	1.30		1.00	-0.82		
C24P8U	1.54	-0.40	0.58	0.60	-0.16	0.34	1.38	-0.30	0.07	1.43	-0.54	0.10	1.31	0.37	0.14	
EUZK99	2.32	2.37	0.88	0.78	0.65	0.15	1.69	0.86	0.26	1.76	0.51	0.28	1.44	0.85	1.92	
FQE3QN	1.71	0.19	0.79	0.81	0.80	0.98	1.63	0.61	0.50	1.82	0.72	0.28	1.51	1.15	0.80	
HUPVV8	1.65	0.00	0.81	0.62	-0.04	0.42	1.26	-0.76	1.13	1.42	-0.57	0.47	0.87	-1.30	0.35	
JMY2VR	1.66	0.04	0.47	0.60	-0.16	0.36	1.52	0.20	1.14	1.58	-0.05	0.53	1.35	0.52	1.00	
JQMGJ2	1.67	0.05	1.60	0.57	-0.29	0.85	1.33	-0.48	1.87	1.30	-0.95	1.59	1.23	0.08	0.83	
JVDQTZ	1.68	0.09	1.28	0.80	0.75	1.03	1.48	0.06	0.51	1.70	0.35	0.30	1.07	-0.54	0.38	
KDPUTW	1.82	0.60	2.09	0.65	0.06	0.22	1.31	-0.55	1.11	1.39	-0.65	0.12	1.00	-0.80	0.55	
KHLGLK	1.17	-1.73	0.60	0.40	-1.02	0.00	0.97	-1.84	0.71	1.40	-0.63	0.00	0.93	-1.07	0.83	
NDX9NV	1.69	0.15	2.06	0.48	-0.69	2.40	1.08	-1.40	1.55	0.73	-2.80	0.72	0.88	-1.29	2.71	
NKZBW3	1.60	-0.19	0.00	0.60	-0.14	0.00	1.40	-0.23	0.00	1.73	0.44	0.35	1.30	0.33	0.00	
PXNJDF	1.33	-1.16	0.26	0.47	-0.71	0.44	1.23	-0.88	0.39	1.38	-0.70	0.33	1.06	-0.59	0.29	
Q9HGDK	1.40	-0.90	0.00	1.53	3.96X	0.85	0.61	-3.16X	0.25	1.67	0.23	0.35	1.17	-0.18	0.83	
RNM9TV	2.01	1.28	1.59	1.03	1.75	0.35	1.71	0.91	0.31	1.94	1.11	0.31	1.59	1.43	1.13	
RPJJQJ	1.26	-1.40	0.74	0.72	0.38	2.73	1.79	1.23	1.32	1.65	0.16	0.15	1.50	1.08	1.19	
RUF88Q	1.74	0.32	2.36	0.94	1.35	2.30	1.64	0.67	2.45	1.88	0.92	1.69	1.50	1.11	2.09	
U6NKLW	1.58	-0.27	0.20	0.94	1.35	0.08	1.45	-0.05	0.26	1.58	-0.06	0.12	1.19	-0.08	0.20	



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
UECEXT	1.51	-0.52	0.44	0.59	-0.20	0.30	1.49	0.09	0.46	1.60	0.00	0.35	1.21	0.00	0.33	
W8LRWK	1.52	-0.46	0.52	0.55	-0.36	0.15	1.28	-0.68	0.37	1.28	-1.01	0.23	1.12	-0.37	0.80	
Y74KN9	1.81	0.56	0.00	0.90	1.18	0.00	1.68	0.81	0.00	1.68	0.27	0.00	1.51	1.13	0.00	
Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	1.65			0.63			1.46			1.60			1.21			
Median Abs Dev	0.15			0.13			0.16			0.18			0.15			
Avg Within Lab SD	0.10			0.07			0.08			0.17			0.07			
Labs Included	29			28			28			29			29			
Labs Reporting	29			29			29			29			29			



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3C3742	0.77	1.02	0.72	0.44	0.98	0.37	0.69	2.15	0.90	0.63	1.09	0.45	0.47	1.04	0.38	
4JT9HG	0.50	-0.59		0.30	0.17	0.00	0.50	0.06		0.30	-0.36	0.00	0.37	0.25	1.06	
4RMDE4	0.56	-0.25		0.25	-0.13		0.43	-0.69		0.41	0.11		0.32	-0.10		
6PY2EX	0.74	0.80	1.69	0.24	-0.20	0.75	0.49	-0.06	0.63	0.31	-0.34	0.16	0.40	0.50	1.55	
8JLZ7Y	0.58	-0.10	0.08	0.16	-0.63	0.37	0.46	-0.35	0.68	0.36	-0.11	0.47	0.32	-0.07	0.46	
8VFE7W	0.41	-1.14	0.35	0.20	-0.38	0.24	0.39	-1.14	0.46	0.14	-1.07	0.13	0.18	-1.13	0.48	
BQR7BR	0.80	1.18	1.41	0.15	-0.69	1.50	0.37	-1.44	1.29	0.23	-0.65	2.58	0.27	-0.49	1.06	
FQE3QN	0.70	0.60	2.12	0.23	-0.22	0.55	0.53	0.35	0.93	0.61	1.01	1.64	0.61	2.05	0.79	
HUPVV8	0.88	1.67	1.39	0.35	0.45	1.26	0.58	0.99	1.21	0.57	0.84	0.40	0.33	0.02	0.42	
JMY2VR	0.82	1.30	1.12	0.36	0.49	1.60	0.58	0.97	2.04	0.67	1.24	1.01	0.45	0.87	1.01	
KHLGLK	0.57	-0.18	0.14	0.27	0.00	0.00	0.56	0.77	0.34	0.84	2.02	0.34	0.40	0.50	0.18	
NDX9NV	0.98	2.27	2.06	0.43	0.91	3.12	0.56	0.78	1.69	0.15	-1.00	2.32	0.59	1.89	3.12	
NKZBW3	1.50	5.32X		0.63	2.10	1.22	1.53	11.63X	1.29	1.53	5.05X	1.29	0.90	4.19X	1.83	
PXNJDF	0.62	0.10	0.22	0.28	0.04	0.24	0.50	0.09	0.34	0.60	0.94	0.34	0.33	-0.02	0.32	
Q9HGDK	0.51	-0.53	0.24	0.63	2.08	0.42	0.38	-1.29	0.59	0.61	0.99	0.34	0.69	2.67	0.28	
RNM9TV	0.63	0.16	0.33	0.10	-0.96	0.13	0.43	-0.77	0.10	0.20	-0.79	0.30	0.26	-0.51	0.06	
RPJJQJ	0.67	0.41	0.47	0.46	1.11	0.92	0.56	0.73	1.50	0.42	0.18	0.41	0.42	0.67	1.22	
U6NKLW	0.51	-0.51	0.16	0.39	0.72	0.17	0.48	-0.21	0.45	0.40	0.08	0.19	0.29	-0.31	0.16	
UECEXT	0.57	-0.20	0.22	0.17	-0.60	0.12	0.50	0.09	1.31	0.36	-0.08	1.35	0.33	-0.04	0.64	
W8LRWK	0.54	-0.35	0.24	0.16	-0.65	0.12	0.46	-0.39	0.59	0.34	-0.18	0.39	0.30	-0.21	0.28	
Y74KN9	0.58	-0.12	0.00	0.16	-0.63	0.00	0.48	-0.17	0.00	0.29	-0.40	0.00	0.31	-0.17	0.00	



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	0.60	0.27	0.50	0.38	0.33	
Median Abs Dev	0.09	0.11	0.06	0.16	0.07	
Avg Within Lab SD	0.07	0.05	0.04	0.04	0.05	
Labs Included	20	21	20	20	20	
Labs Reporting	21	21	21	21	21	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	2.63	0.21	0.26	0.46	-0.31	0.16	1.43	-0.05	0.00	1.78	-0.39	0.06	0.88	-1.07	0.23
2XKVZJ	2.73	0.37	0.00	0.50	0.00	0.31	1.46	0.05	0.27	1.99	0.10	0.09	1.04	-0.38	0.19
32G3XM	1.57	-1.58	0.18	0.21	-2.26	0.16	1.27	-0.60	1.17	1.32	-1.46	0.66	1.04	-0.41	0.21
4DNCYG	1.80	-1.19	0.05	0.32	-1.38	0.24	1.23	-0.74	0.26	1.87	-0.18	0.06	1.16	0.08	0.37
6PY2EX	2.02	-0.84	0.42	0.38	-0.97	0.11	1.14	-1.06	0.66	0.70	-2.92X	3.30	0.79	-1.44	0.32
6V4ZLG	2.76	0.43	0.23	0.49	-0.08	0.06	1.50	0.17	0.16	2.02	0.19	0.04	1.10	-0.16	0.04
6VMYML	1.95	-0.95	0.17	0.63	0.97	0.12	1.33	-0.39	0.46	1.44	-1.18	0.15	0.86	-1.15	0.02
9DUCMD	1.99	-0.88	0.68	0.55	0.39	0.78	1.33	-0.38	0.59	2.07	0.31	0.19	1.29	0.63	0.52
9PQEAF	2.40	-0.18	2.25	0.50	0.00	1.56	1.50	0.19	1.04	1.83	-0.25	0.49	1.37	0.94	0.53
9QJCF2	2.93	0.72	0.49	0.60	0.78	0.00	1.63	0.64	0.60	2.13	0.45	0.64	1.17	0.12	0.53
9UGTRV	3.13	1.05	0.51	0.73	1.82	0.45	1.75	1.04	0.45	2.90	2.23	0.02	1.31	0.72	0.26
ACHTLG	2.45	-0.10	0.82	0.46	-0.28	0.50	1.70	0.86	1.20	2.22	0.65	0.42	1.38	1.01	0.79
BN6QHC	2.57	0.10	0.98	0.47	-0.26	1.04	1.33	-0.38	0.60	2.30	0.84	1.11	1.00	-0.56	
C24P8U	1.99	-0.87	0.05	0.45	-0.42	0.24	1.34	-0.36	0.36	1.91	-0.07	0.09	1.14	0.00	0.29
CYGD73	2.59	0.14		0.53	0.23		1.46	0.05		1.94	-0.01		1.14	0.01	
DH9GM4	2.40	-0.18	0.00	0.50	0.00		1.23	-0.72	0.60	2.00	0.14	0.42	0.87	-1.11	0.53
EKTNLQ	2.67	0.27	0.90	0.63	1.01	0.16	1.53	0.30	1.21	1.94	0.00	1.24	1.29	0.63	2.91
ERD28B	2.62	0.19	0.70	0.57	0.55	0.22	1.83	1.31	0.24	1.94	0.00	0.48	1.65	2.10	0.79
FNPW7R	2.25	-0.43	0.29	0.46	-0.33	0.27	1.54	0.33	0.55	2.06	0.28	0.40	1.28	0.59	0.09
FQE3QN	1.31	-2.03	0.84	0.48	-0.18	0.41	0.95	-1.70	0.60	1.44	-1.18	0.22	0.93	-0.85	0.24
HTTG7U	2.52	0.01	0.05	0.40	-0.78	0.16	1.42	-0.07	0.53	1.79	-0.36	0.32	0.97	-0.70	0.32
HUPVV8	2.56	0.09	2.58	0.54	0.31	0.23	1.64	0.66	2.73	1.43	-1.21	4.86	0.95	-0.75	2.91
JM74P7	2.02	-0.83	0.22	0.43	-0.52	0.90	1.24	-0.70	0.37	1.26	-1.59	0.14	1.24	0.44	0.11
JULU7R	2.00	-0.86		0.50	0.00		1.42	-0.10	0.30	2.00	0.14		1.23	0.40	0.53
JVDQTZ	3.05	0.91	1.15	0.55	0.39	0.09	1.73	0.99	2.23	2.00	0.12	0.10	1.10	-0.13	0.21
K7QAQ2	3.02	0.87	0.31	0.64	1.07	0.06	1.63	0.61	0.06	2.15	0.47	0.01	1.51	1.54	0.02



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MNZ9NU	3.08	0.97	1.88	0.79	2.28	0.56	2.14	2.37	0.52	2.17	0.54	0.03	1.19	0.24	0.37	
N323UX	1.70	-1.37	0.85	0.57	0.52	0.90	1.17	-0.95	0.60	1.57	-0.88	0.24	1.00	-0.56		
NDX9NV	3.00	0.84	1.61	0.53	0.21	2.99	1.72	0.95	1.41	2.09	0.35	0.76	1.26	0.52	1.95	
NQPTDY	1.80	-1.20	0.85	0.40	-0.78	0.00	1.25	-0.66	0.52	1.05	-2.09	0.21	0.95	-0.77	0.46	
PXNJDF	1.78	-1.24	0.42	0.42	-0.65	0.39	1.68	0.81	0.26	1.26	-1.60	0.19	1.17	0.14	0.42	
RBM6QP	3.11	1.02	0.49	0.57	0.56	0.15	1.75	1.05	0.32	2.66	1.68	0.14	1.27	0.53	0.37	
RQRV9K	3.17	1.11	0.49	0.70	1.56	2.70	2.40	3.25X	5.77	2.70	1.77	2.34	1.40	1.08	1.58	
TMPAXU	2.43	-0.13	0.21	0.49	-0.05	0.08	1.42	-0.08	0.15	1.82	-0.29	0.08	1.12	-0.08	0.10	
U98MLB	1.67	-1.43	0.49	0.40	-0.78	0.00	1.30	-0.49	0.00	1.53	-0.96	0.24	1.13	-0.01	0.53	
WCXZYA	2.73	0.38	1.77	0.57	0.52	0.90	1.73	0.98	2.16	2.00	0.14	0.73	1.03	-0.42	1.90	
XR87NE	2.65	0.23	0.19	0.46	-0.34	0.19	1.23	-0.72	0.09	1.64	-0.70	0.33	0.84	-1.20	0.28	
YK4JB6	2.46	-0.09	2.59	0.72	1.69	3.40	1.75	1.03	2.75	2.03	0.20	0.74	1.55	1.70	2.19	
Z4WJZF	2.51	0.00	0.62	0.36	-1.09	0.00	1.12	-1.10	0.36	1.66	-0.65	0.02	0.86	-1.14	0.09	

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	2.51			0.50			1.45			1.94			1.14			
Median Abs Dev	0.49			0.07			0.19			0.18			0.14			
Avg Within Lab SD	0.12			0.06			0.10			0.24			0.11			
Labs Included	39			39			38			38			39			
Labs Reporting	39			39			39			39			39			



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups

Data units: mg/kg

WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	44.9	0.5	0.1	95.2	0.2	0.2	31.1	0.0	0.1	177.3	0.0	0.3	47.9	-0.7	0.4
2XKVZJ	55.7	1.4	0.1	109.7	0.7	1.0	33.2	0.4	0.5	180.7	0.0	0.3	55.1	-0.2	0.2
32G3XM	26.9	-0.9	0.1	54.0	-1.3	0.5	29.0	-0.3	0.3	159.6	-0.4	3.3	61.5	0.3	0.5
4DNCYG	29.4	-0.7	0.1	59.5	-1.1	0.2	25.1	-1.0	0.4	150.7	-0.5	0.1	58.3	0.0	0.2
6PY2EX	26.0	-1.0	0.3	44.7	-1.7	1.1	15.5	-2.6	0.2	84.9	-1.8	0.1	28.3	-2.2	0.5
6VMYML	29.0	-0.8	0.0	65.7	-0.9	0.1	24.4	-1.1	0.1	129.3	-0.9	0.1	43.5	-1.1	0.1
9DUCMD	37.1	-0.1	0.3	88.7	-0.1	0.9	29.4	-0.3	0.6	179.9	0.0	0.4	62.2	0.3	0.9
9PQEAF	38.0	0.0	1.2	94.4	0.1	1.0	33.5	0.4	2.0	189.7	0.2	0.2	72.5	1.1	1.2
9QJCF2	47.3	0.7	0.9	105.0	0.5	1.2	32.3	0.2	0.3	193.7	0.3	0.4	57.3	0.0	0.2
9UGTRV	53.7	1.2	1.9	124.6	1.2	0.9	36.3	0.9	0.6	241.3	1.1	0.5	66.0	0.6	0.5
ACHTLG	40.2	0.1	1.7	103.7	0.5	0.8	35.0	0.7	0.3	191.8	0.2	0.5	79.1	1.6	0.7
BN6QHC	36.3	-0.2	0.5	90.7	0.0	0.5	28.7	-0.4	0.3	193.3	0.3	0.8	56.0	-0.1	1.2
CYGD73	45.8	0.6		103.0	0.4		30.6	-0.1		186.0	0.1		54.8	-0.2	
DH9GM4	35.9	-0.2	0.2	97.8	0.3	1.2	29.9	-0.2	0.2	208.7	0.5	0.9	57.8	0.0	1.5
EKTNLQ	44.1	0.5	3.5	94.5	0.1	1.6	33.6	0.4	4.7	170.7	-0.2	2.4	65.4	0.6	4.3
ERD28B	51.9	1.1	1.0	111.8	0.8	0.4	37.4	1.1	0.7	187.8	0.2	2.0	74.2	1.2	1.4
FNPW7R	33.1	-0.4	0.3	84.1	-0.2	1.0	29.9	-0.2	0.3	183.4	0.1	1.0	65.5	0.6	0.2
HTTG7U	48.4	0.8	0.3	100.8	0.4	0.7	31.5	0.1	0.4	179.7	0.0	0.8	54.6	-0.2	0.5
HUPVV8	25.4	-1.1	0.7	50.7	-1.4	0.9	17.1	-2.4	0.5	86.6	-1.7	0.5	30.6	-2.0	0.2
JM74P7	36.5	-0.2	0.2	66.3	-0.9	0.1	30.8	0.0	0.0	79.7	-1.9	0.1	63.5	0.4	0.0
JULU7R	34.7	-0.3	0.4	88.7	-0.1	0.7	31.0	0.0	0.6	176.7	-0.1	0.8	67.7	0.7	0.5
JVDQTZ	56.4	1.4	1.0	143.3	1.9	2.2	36.7	1.0	0.3	272.1	1.7	0.4	66.9	0.7	0.5
K7QAQ2	49.1	0.9	0.0	108.4	0.6	0.1	33.6	0.4	0.0	354.6	3.2	0.1	56.5	-0.1	0.1
MNZ9NU	35.2	-0.3	1.3	67.4	-0.8	2.5	26.5	-0.8	0.1	157.6	-0.4	0.6	48.8	-0.7	0.4
N323UX	40.0	0.1	0.4	88.3	-0.1	0.5	32.0	0.2		179.3	0.0	0.1	65.0	0.5	
NDX9NV	64.7	2.1	1.5	132.7	1.5	1.2	37.0	1.0	1.4	190.5	0.2	1.8	63.2	0.4	1.2



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NQPTDY	25.5	-1.1	0.6	72.4	-0.7	0.4	23.1	-1.4	0.3	105.0	-1.4	0.8	50.7	-0.5	0.8	
RBM6QP	51.4	1.0	0.3	102.7	0.4	0.7	36.8	1.0	0.2	252.3	1.3	0.6	67.4	0.7	0.5	
RQRV9K	52.0	1.1	0.1	111.2	0.7	0.4	37.2	1.1	0.2	190.7	0.2	0.6	65.7	0.6	0.3	
TMPAXU	37.5	-0.1	0.1	51.4	-1.4	0.1	28.6	-0.4	0.5	54.1	-2.3	0.0	45.9	-0.9	0.1	
U98MLB	22.8	-1.3	0.2	60.6	-1.1	0.1	25.4	-1.0	0.4	132.3	-0.9	0.3	57.6	0.0	0.3	
WCXZYA	50.7	1.0	2.2	109.0	0.7	2.5	31.7	0.1	0.9	162.3	-0.3	1.2	49.7	-0.6	1.1	
XR87NE	40.2	0.1	0.1	86.2	-0.2	0.5	26.7	-0.7	0.3	177.3	0.0	0.9	49.4	-0.6	0.3	
YK4JB6	34.0	-0.4	0.3	87.4	-0.1	0.2	32.0	0.2	0.4	186.0	0.1	0.8	72.8	1.1	0.6	
Z4WJZF	38.5	0.0	0.1	78.8	-0.4	0.0	21.8	-1.6	0.0	126.1	-1.0	0.2	34.7	-1.7	0.0	

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	38.5			90.7			31.0			179.7			57.8			
Median Abs Dev	8.8			17.7			2.6			14.0			7.9			
Avg Within Lab SD	2.8			3.1			1.7			7.5			3.0			
Labs Included	35			35			35			35			35			
Labs Reporting	35			35			35			35			35			



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

Data units: mg/kg

WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	42.3	-0.7	0.5	15.0	-0.9		17.7	-1.1	0.3	137.0	-0.7		16.0	-2.2	0.3
2XKVZJ	59.7	0.6	0.2	25.1	0.6	1.1	25.7	0.1	0.2	193.5	0.1	0.2	26.7	-0.4	0.2
32G3XM	35.6	-1.2	0.4	12.0	-1.3	0.1	28.8	0.6	1.3	152.2	-0.5	0.4	28.6	-0.1	0.8
4DNCYG	41.0	-0.8	0.4	12.5	-1.2	0.0	19.2	-0.9	0.1	183.0	0.0	0.1	28.5	-0.1	0.2
6PY2EX	40.4	-0.8	0.5	13.7	-1.0	0.2	17.7	-1.1	0.1	109.4	-1.1	0.0	17.9	-1.8	0.3
6VMYML	39.6	-0.9	0.0	19.0	-0.3	0.5	18.5	-1.0	0.2	149.4	-0.5	0.1	24.5	-0.7	0.0
9DUCMD	42.0	-0.7	0.8	18.7	-0.3	0.8	22.8	-0.3	0.7	188.2	0.1	0.1	29.6	0.1	0.2
9PQEAF	47.3	-0.3	1.7	19.6	-0.2	1.3	23.5	-0.2	0.8	161.0	-0.3	0.3	32.5	0.6	0.2
9QJCF2	55.0	0.2	0.9	21.7	0.1	0.5	31.3	1.0	3.2	164.0	-0.3	0.7	26.0	-0.5	0.3
9UGTRV	77.2	1.9	0.6	36.2	2.2	1.5	35.3	1.6	1.2	431.0	3.8	3.3	40.3	1.9	1.0
ACHTLG	53.5	0.1	1.5	21.9	0.1	1.0	26.0	0.2	0.6	227.3	0.7	1.1	34.1	0.8	0.4
BN6QHC	53.3	0.1	1.8	18.7	-0.3	0.5	23.7	-0.2	0.3	186.7	0.0	1.1	27.3	-0.3	0.5
CYGD73	60.8	0.7		26.7	0.8		26.4	0.2		188.0	0.1		28.6	-0.1	
DH9GM4	50.7	-0.1	0.5	19.7	-0.2	1.0	23.7	-0.2	0.3	298.7	1.8	1.5	20.0	-1.5	0.9
EKTNLQ	63.2	0.9	1.1	25.8	0.7	1.0	26.0	0.2	2.4	184.6	0.0	1.7	33.8	0.8	2.6
ERD28B	55.4	0.3	1.2	23.5	0.4	1.4	28.1	0.5	0.5	193.3	0.1	0.9	36.1	1.2	0.9
FNPW7R	47.4	-0.3	1.2	19.3	-0.2	1.9	22.8	-0.3	0.9	169.5	-0.2	0.5	30.2	0.2	0.3
HTTG7U	64.3	0.9	0.2	30.8	1.4	0.5	30.6	0.9	0.3	218.0	0.5	0.3	29.6	0.1	0.1
HUPVV8	42.1	-0.7	1.6	18.4	-0.4	0.2	21.6	-0.5	2.3	145.9	-0.6	2.3	29.4	0.1	3.1
JM74P7	35.6	-1.2	0.0	14.5	-0.9	0.0	20.7	-0.6	0.0	72.1	-1.7	0.0	30.3	0.2	0.0
JULU7R	51.7	0.0	1.2	21.3	0.1	0.5	28.3	0.5	0.7	243.3	0.9	0.3	31.3	0.4	0.4
JVDQTZ	72.6	1.5	2.1	28.0	1.0	1.1	28.4	0.5	0.2	198.6	0.2	0.1	27.0	-0.3	0.2
K7QAQ2	63.5	0.9	0.1	27.1	0.9	0.2	29.0	0.6	0.1	481.0	4.5	0.1	32.2	0.5	0.1
MNZ9NU	53.6	0.1	1.8	31.1	1.5	2.9	42.5	2.7	1.4	129.6	-0.8	0.4	35.5	1.1	2.1
N323UX	48.0	-0.3	0.9	21.0	0.0		24.7	0.0	0.3	173.0	-0.2	0.2	30.0	0.2	
NDX9NV	63.3	0.9	1.9	26.5	0.8	1.5	27.7	0.4	0.7	198.3	0.2	0.4	32.3	0.6	1.8



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NQPTDY	36.4	-1.1	0.2	16.0	-0.7	0.0	17.0	-1.2	0.2	100.2	-1.3	0.2	17.2	-2.0	0.7	
RBM6QP	66.9	1.1	0.4	27.2	0.9	0.7	35.8	1.7	1.0	770.8	9.0X	1.6	82.9	9.0X	1.4	
RQRV9K	61.3	0.7	0.5	25.8	0.7	0.8	30.5	0.9	0.3	185.5	0.0	0.3	31.6	0.4	0.1	
TMPAXU	53.5	0.1	0.0	20.9	0.0	0.9	22.5	-0.4	0.1	195.2	0.2	1.0	25.2	-0.6	0.1	
U98MLB	41.3	-0.8	0.6	16.1	-0.7	0.2	21.7	-0.5	0.3	179.8	-0.1	0.6	28.1	-0.2	0.6	
WCXZYA	62.3	0.8	0.7	27.3	0.9	1.4	29.7	0.7	1.1	192.3	0.1	2.2	27.0	-0.3	1.2	
XR87NE	46.6	-0.4	0.2	15.2	-0.8	0.4	22.6	-0.4	1.0	141.7	-0.6	0.3	21.4	-1.3	1.1	
YK4JB6	46.9	-0.4	0.9	20.2	-0.1	0.3	24.9	0.0	0.2	179.7	-0.1	0.2	30.4	0.2	0.2	
Z4WJZF	37.4	-1.1	0.1	14.5	-0.9	0.2	18.5	-1.0	0.1	153.3	-0.5	0.0	21.5	-1.2	0.2	

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	51.7			20.9			24.9			183.8			29.0			
Median Abs Dev	9.6			4.9			3.4			21.3			2.8			
Avg Within Lab SD	2.3			1.1			2.2			19.6			3.1			
Labs Included	35			35			35			34			34			
Labs Reporting	35			35			35			35			35			



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	0.84	0.34	0.18	0.37	-0.05	0.00	0.59	0.12	0.18	1.11	-0.18	0.11	0.41	-1.05	0.38	
2XKVZJ	0.96	0.91	0.63	0.48	1.29	1.23	0.66	0.74	0.30	1.37	0.65	0.28	0.54	0.19	0.00	
32G3XM	0.45	-1.50	0.35	0.14	-2.85	0.00	0.46	-1.11	0.81	0.79	-1.20	0.85	0.42	-0.96	0.50	
4DNCYG	0.65	-0.58	0.23	0.26	-1.43	0.21	0.51	-0.68	0.18	1.16	-0.03	0.22	0.52	0.03	0.83	
6PY2EX	0.58	-0.92	0.11	0.48	1.23	2.76	0.40	-1.67	0.43	0.64	-1.70	0.08	0.31	-2.00	1.16	
6VMYML	0.71	-0.29	0.07	0.42	0.57	0.20	0.56	-0.19	0.22	0.82	-1.10	0.12	0.48	-0.41	0.12	
9DUCMD	0.65	-0.56	0.76	0.34	-0.45	1.96	0.55	-0.29	1.52	1.10	-0.22	0.06	0.55	0.26	0.89	
9PQEAF	0.67	-0.48	0.88	0.37	-0.09	2.05	0.57	-0.12	1.76	1.07	-0.32	0.62	0.57	0.44	1.90	
9QJCF2	1.00	1.12		0.49	1.37	0.70	0.71	1.18	0.80	1.27	0.34	0.36	0.56	0.38	0.76	
9UGTRV	1.06	1.42	0.62	0.52	1.73	1.09	0.68	0.93	0.81	2.11	3.03	0.71	0.56	0.38	0.00	
ACHTLG	0.82	0.26	0.44	0.39	0.16	0.75	0.63	0.51	0.50	1.23	0.22	0.75	0.60	0.77	0.36	
BN6QHC	0.80	0.18	0.62	0.37	-0.05	0.36	0.56	-0.19	0.00	1.17	0.00	1.24	0.44	-0.71	0.50	
CYGD73	0.89	0.59		0.43	0.68		0.67	0.83		1.32	0.49		0.61	0.84		
DH9GM4	0.67	-0.48	0.88	0.30	-0.90	0.00	0.40	-1.67	0.00	1.17	0.00	0.62	0.30	-2.04	0.00	
EKTNLQ	0.96	0.94	3.78	0.41	0.44	0.71	0.58	0.00	1.52	1.18	0.04	0.70	0.51	-0.12	1.81	
ERD28B	0.80	0.16	0.17	0.36	-0.14	0.49	0.66	0.71	1.19	1.15	-0.05	0.49	0.68	1.45	2.41	
FNPW7R	0.66	-0.53	0.49	0.36	-0.12	0.85	0.57	-0.11	0.52	1.15	-0.05	0.14	0.53	0.08	0.40	
HTTG7U	0.76	-0.03	0.15	0.35	-0.33	0.89	0.57	-0.12	0.18	1.21	0.15	0.87	0.43	-0.80	0.19	
HUPVV8	0.85	0.38	2.48	0.42	0.57	2.07	0.62	0.36	0.53	1.43	0.85	4.61	0.49	-0.31	0.26	
JM74P7	0.42	-1.65	0.62	0.32	-0.66	0.94	0.48	-0.93	1.10	0.62	-1.75	0.28	0.52	0.00	0.66	
JULU7R	0.77	0.00	0.88	0.40	0.32	0.00	0.70	1.11	0.00	1.20	0.11	0.00	0.60	0.75	0.00	
JVDQTZ	0.93	0.79	0.53	0.40	0.34	0.30	0.62	0.41	0.27	1.17	0.00	0.17	0.47	-0.47	0.30	
K7QAQ2	1.58	3.92X	0.27	0.88	6.18X	0.18	1.11	4.88X	0.24	2.27	3.52X	0.08	0.87	3.27X	0.07	
MNZ9NU	1.58	3.92X	2.40	0.76	4.73X	1.01	1.06	4.41X	0.78	1.69	1.69	1.37	0.92	3.69X	1.29	
N323UX	0.63	-0.64	0.88	0.40	0.32	0.00	0.60	0.19	3.04	1.50	1.07		0.53	0.13	1.90	
NDX9NV	0.93	0.77	0.44	0.34	-0.37	1.82	0.62	0.37	0.91	1.25	0.26	0.70	0.50	-0.21	0.83	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups															Data units: mg/kg	
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NQPTDY	0.55	-1.04	0.76	0.30	-0.90	0.00	0.43	-1.36	1.76	0.60	-1.81	0.00	0.35	-1.58	1.64	
RBM6QP	1.05	1.38	0.67	0.43	0.63	0.28	0.72	1.31	0.19	1.86	2.21	0.26	0.47	-0.44	0.19	
RQRV9K	1.00	1.12		0.40	0.32	0.00	0.70	1.11	0.00	1.27	0.32	0.62	0.60	0.75	0.00	
TMPAXU	0.79	0.09	0.20	0.37	0.00	0.50	0.57	-0.07	0.49	1.09	-0.23	0.00	0.48	-0.37	0.33	
U98MLB	0.60	-0.80	0.00	0.30	-0.90	0.00	0.57	-0.12	1.76	1.00	-0.53		0.57	0.44	1.90	
WCXZYA	0.94	0.82	0.18	0.44	0.80	0.62	0.69	0.99	0.18	1.32	0.50	0.38	0.53	0.13	1.24	
XR87NE	0.76	-0.05	0.38	0.38	0.06	0.50	0.50	-0.72	0.74	0.98	-0.59	0.65	0.37	-1.36	0.25	
YK4JB6	0.67	-0.46	1.36	0.33	-0.57	0.75	0.61	0.31	1.13	1.05	-0.38	0.59	0.52	0.00	1.36	
Z4WJZF	0.56	-0.99	0.15	0.24	-1.63	0.00	0.39	-1.73	0.18	0.90	-0.84	0.06	0.26	-2.41	0.33	

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups															Data units: mg/kg	
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Grand Median	0.77			0.37			0.58			1.17			0.52		
Median Abs Dev	0.12			0.05			0.07			0.11			0.05			
Avg Within Lab SD	0.07			0.03			0.03			0.09			0.03			
Labs Included	33			33			33			34			33			
Labs Reporting	35			35			35			35			35			



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Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
6PY2EX	6.81		1.26	1.53		1.39	4.54		1.35	4.89		1.34	2.75		0.38	
JVDQTZ	4.16		0.63	0.90		0.27	3.09		0.41	2.60		0.45	1.45		1.36	
Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	5.48			1.21			3.82			3.74			2.10			
Median Abs Dev																
Avg Within Lab SD	0.03			0.05			0.34			0.24			0.04			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	4.50	0.48		5.13	0.39	0.02	13.17	0.49	0.02	2.10	-0.40	0.00	6.60	-0.34	0.00	
32G3XM	17.08	3.75	2.23	7.08	0.99	0.20	13.71	0.61	0.96	4.59	1.01	0.21	10.74	1.08	0.56	
6VMYML	2.59	-0.02	0.11	2.88	-0.30	0.03	4.65	-1.38	0.07	2.29	-0.29	0.19	3.31	-1.47	0.24	
8VFE7W	6.80	1.07	0.22	7.30	1.06	0.29	14.43	0.77	0.13	5.40	1.47	1.37	13.37	1.98	2.52	
9PQEAF	1.53	-0.30	0.75	3.26	-0.19	0.08	9.91	-0.23	0.22	3.06	0.14	1.21	7.17	-0.15	0.10	
ACHTLG	2.19	-0.12	0.12	3.71	-0.05	0.09	13.23	0.51	0.07	3.13	0.19	0.40	8.71	0.38	0.55	
BN6QHC	1.53	-0.29	0.25	3.47	-0.12	0.06	8.23	-0.59	0.08	1.97	-0.47	0.30	4.50	-1.06	0.23	
CYGD73	3.10	0.11		4.40	0.16		10.50	-0.10		2.80	0.00		7.60	0.00		
JULU7R	1.67	-0.26	0.31	3.50	-0.11		10.83	-0.02	0.08	2.17	-0.36	0.57	8.67	0.37	0.66	
RQRV9K	6.57	1.01	1.79	17.02	4.05	2.98	23.33	2.72	2.99	7.31	2.55	2.43	8.95	0.46	1.54	
U98MLB	2.67	0.00	0.23	3.87	0.00	0.02	10.93	0.00	0.26	1.83	-0.55	0.30	7.23	-0.13	0.35	

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	2.67			3.87			10.9			2.80			7.60			
Median Abs Dev	1.13			0.60			2.3			0.70			1.11			
Avg Within Lab SD	0.92			3.44			3.7			0.51			0.87			
Labs Included	11			11			11			11			11			
Labs Reporting	11			11			11			11			11			



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B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups															Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3LLHFD	0.82	0.91	0.37	0.22	0.71	0.00	0.42	0.66	0.71	0.54	0.33	1.40	0.30	0.53	0.88		
4772LG	0.67	0.04	1.21														
6VMYML	0.31	-2.07	0.04	0.15	-0.57	0.14	0.24	-1.70	0.21	0.18	-2.05	0.06	0.17	-1.47	0.26		
ACHTLG	0.48	-1.05	1.08	0.12	-1.15	1.53	0.26	-1.37	0.66	0.28	-1.36	0.78	0.19	-1.18	1.08		
CYGD73	0.74	0.42		0.22	0.71		0.38	0.14		0.53	0.29		0.32	0.83			
FJWRE9	0.68	0.10	0.74	0.18	-0.04	0.00	0.33	-0.46	0.41	0.54	0.36	0.73	0.25	-0.17	0.29		
FNPW7R	0.54	-0.74	0.48	0.12	-1.23	0.76	0.32	-0.65	0.65	0.39	-0.65	0.75	0.26	-0.06	0.32		
FQE3QN	0.39	-1.61	0.12	0.27	1.68	0.15	0.38	0.20	0.64	0.32	-1.11	0.85	0.27	0.12	0.82		
GAZGFW	0.70	0.17	1.14	0.19	0.08	0.24	0.38	0.14	0.54	0.50	0.11	0.16	0.25	-0.17	2.11		
HTTG7U	0.35	-1.83	1.58	0.07	-2.04	1.04	0.15	-2.83	0.71	0.20	-1.93	1.42	0.12	-2.21	0.59		
JQMGJ2	0.60	-0.39	0.00	0.15	-0.60	0.00	0.30	-0.89	0.00	0.45	-0.24	0.00	0.20	-0.97	0.00		
JVDQTZ	0.86	1.15	0.95	0.23	0.95	1.92	0.38	0.20	2.16	0.58	0.62	1.91	0.20	-0.92	0.20		
MLWD6R	0.69	0.14	0.23	0.19	0.14	0.64	0.35	-0.25	0.14	0.56	0.48	0.44	0.26	-0.01	0.51		
N323UX	0.67	0.00	1.39	0.17	-0.29	2.38	0.40	0.40	2.70	0.70	1.42	0.00	0.30	0.53	0.00		
NDX9NV	0.50	-0.98	0.56	0.23	0.96	0.24	0.32	-0.63	0.71	0.48	-0.02	0.70	0.32	0.83	0.51		
QDVZWM	0.55	-0.67	1.82	0.16	-0.42	1.09	0.27	-1.28	0.47	0.37	-0.75	2.08	0.20	-1.02	1.06		
RQCEDR	0.76	0.53	0.45	0.18	0.04	0.16	0.40	0.42	0.52	0.51	0.17	0.76	0.27	0.10	0.32		
TMPAXU	0.69	0.13	1.73	0.24	1.03	1.19	0.41	0.49	1.76	0.61	0.81	1.77	0.36	1.39	2.60		
W6XFXE	0.73	0.38	0.21	0.17	-0.19	0.30	0.39	0.25	0.10	0.49	0.02	0.22	0.27	0.01	0.16		
WCXZYA	0.63	-0.21	1.69	0.20	0.27	1.45	0.40	0.36	0.16	0.48	-0.06	0.16	0.29	0.33	1.63		
YM8EU9	0.55	-0.65	0.16	0.16	-0.38	0.54	0.36	-0.14	0.37	0.38	-0.69	0.33	0.31	0.67	0.28		



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B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups

Data units: mg/kg

	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615
Grand Median	0.67	0.18	0.37	0.49	0.26
Median Abs Dev	0.09	0.03	0.03	0.08	0.04
Avg Within Lab SD	0.04	0.02	0.04	0.04	0.02
Labs Included	21	20	20	20	20
Labs Reporting	21	20	20	20	20



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	0.197	-0.280	0.195	0.030	-0.826	0.000	0.137	-0.421	0.227	0.070	-0.691	0.000	0.053	-0.713	0.355	
32G3XM	0.180	-0.524	0.000	0.050	-0.376	0.000	0.120	-0.815	0.394				0.070	-0.433	0.000	
4DNCYG	2.800	37.831X	23.021	0.317	5.633X	1.300	0.637	11.391X	1.265	0.723	2.354	0.693	0.670	9.626X	0.615	
9DUCMD	0.163	-0.768	0.334	0.074	0.165	0.281	0.163	0.209	0.404	0.146	-0.335	0.456	0.097	0.014	0.300	
9PQEAF	0.177	-0.572	0.517	0.050	-0.376	0.780	0.150	-0.106	0.787	0.193	-0.116	0.573	0.100	0.070	1.066	
9QJCF2	0.250	0.496	0.314	0.074	0.165	0.708	0.164	0.224	0.079	0.350	0.615	1.031	0.094	-0.025	0.361	
BN6QHC	0.260	0.648	1.550	0.058	-0.203	0.026	0.170	0.366	0.394	0.167	-0.240	0.318	0.095	-0.014	0.222	
DH9GM4	0.230	0.208	0.338	0.067	0.000	0.260	0.130	-0.579	0.000	1.210	4.622X	3.351	0.070	-0.433	0.615	
EKTNLQ	0.214	-0.026	2.712	0.205	3.110	2.983	0.247	2.185	2.913	0.281	0.291	0.168	0.306	3.518	0.675	
HUPVV8	0.297	1.194	1.203	0.069	0.053	1.485	0.163	0.209	1.457	0.357	0.649	3.192	0.124	0.466	3.175	
JM74P7	0.197	-0.280	0.195	0.047	-0.451	1.040	0.163	0.209	1.265	0.143	-0.349	0.159	0.113	0.293	0.940	
JULU7R	0.300	1.233	0.000	0.100	0.751	0.000	0.100	-1.288	0.000	0.600	1.779	0.000	0.200	1.746	0.000	
NQPTDY	0.143	-1.065	0.440	0.035	-0.714	0.045	0.103	-1.217	0.236	0.085	-0.623	0.152	0.046	-0.844	0.092	
RBM6QP	0.276	0.887	1.055	0.082	0.338	1.158	0.159	0.106	1.354	0.211	-0.035	0.762				
RQRV9K	0.100	-1.695	0.000				0.100	-1.288	0.000							
U98MLB	0.277	0.892	1.668	0.170	2.328	0.450	0.197	0.996	0.819	0.503	1.329	0.967	0.133	0.628	0.711	
XR87NE	0.218	0.026	0.194	0.055	-0.263	0.119	0.130	-0.574	0.286	0.226	0.035	0.189	0.081	-0.243	0.396	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	0.22			0.067			0.15			0.22			0.10			
Median Abs Dev	0.04			0.017			0.02			0.10			0.03			
Avg Within Lab SD	0.03			0.022			0.03			0.04			0.02			
Labs Included	16			15			16			14			14			
Labs Reporting	17			16			17			15			15			



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	0.178	-0.500	0.042	0.078	-0.721	0.216	0.118	-0.963	0.053	0.200	-1.010	0.069	0.078	-0.590	0.488	
3RRDYD	0.157	-0.960	1.522	0.085	0.234	1.245	0.110	-1.626	0.071	0.173	-2.181	0.317	0.073	-1.007	0.601	
8VFE7W	0.410	4.565		0.080	-0.499		0.130	0.000		0.220	-0.171		0.100	1.213		
9PQEAF	0.200	-0.015	1.823	0.085	0.181	0.384	0.136	0.472	0.667	0.237	0.542	0.751	0.085	0.000	0.867	
9QJCF2	0.201	0.000	0.420	0.097	1.815	2.140	0.148	1.470	2.456	0.246	0.956	2.060	0.107	1.765	1.557	
CYGD73	0.188	-0.276		0.080	-0.499		0.121	-0.749		0.212	-0.514		0.079	-0.524		
JM74P7	0.203	0.058	0.840	0.083	-0.045	1.281	0.123	-0.555	0.599	0.237	0.542	1.935	0.097	0.938	1.557	
K8RXD8	0.170	-0.675	1.418	0.061	-3.061	0.992	0.117	-1.085	1.436	0.205	-0.804	0.062	0.072	-1.080	1.638	
RNM9TV	0.201	0.007	0.252	0.084	0.000	0.128	0.133	0.277	0.216	0.224	0.000	0.290	0.084	-0.083	0.311	
YM8EU9	0.208	0.160	0.634	0.084	0.000	0.128	0.133	0.222	0.216	0.231	0.300	0.145	0.086	0.055	0.000	
Z4WJZF	0.210	0.204	0.000	0.086	0.363	0.128	0.130	0.000	0.000	0.233	0.399	0.484	0.087	0.165	0.156	

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	0.20			0.084			0.13			0.22			0.085			
Median Abs Dev	0.01			0.003			0.01			0.01			0.007			
Avg Within Lab SD	0.01			0.005			0.01			0.01			0.004			
Labs Included	11			11			11			11			11			
Labs Reporting	11			11			11			11			11			



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups															Data units: Percent		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	0.202	-0.240	0.067	0.077	-0.517	0.250	0.119	-1.312	0.263	0.225	-0.548	0.322	0.076	-1.176	0.442		
2XKVZJ	0.200	-0.332	0.000	0.090	0.204	0.000	0.130	-0.556	0.000	0.240	0.161	0.000	0.093	0.219	1.106		
8VFE7W	0.205	-0.039	0.067	0.082	-0.258	0.601	0.130	-0.556	0.228	0.236	-0.013	0.070	0.086	-0.410	0.482		
9QJCF2	0.240	1.868	1.159	0.137	2.794	2.204	0.180	2.780	0.000	0.300	2.997	1.216	0.113	1.859	1.106		
ACHTLG	0.207	0.050	0.116	0.084	-0.123	0.052	0.133	-0.385	0.332	0.237	0.033	0.314	0.087	-0.317	0.276		
CYGD73	0.202	-0.222		0.085	-0.073		0.138	-0.022		0.230	-0.312		0.087	-0.301			
ERD28B	0.220	0.750	0.986	0.094	0.445	0.601	0.141	0.200	2.905	0.241	0.208	1.402	0.091	0.000	1.412		
HUPVV8	0.194	-0.653	2.596	0.121	1.919	2.160	0.148	0.629	1.279	0.212	-1.168	1.293	0.110	1.591	1.673		
JVDQTZ	0.236	1.630	0.261	0.114	1.553	0.648	0.159	1.374	0.846	0.282	2.156	2.485	0.109	1.509	0.880		
MNZ9NU	0.198	-0.442	0.125	0.086	0.000	0.043	0.131	-0.462	0.495	0.225	-0.531	0.252	0.093	0.198	0.573		
MRNHXV	0.219	0.713	0.505	0.083	-0.166	0.464	0.133	-0.334	0.132	0.241	0.224	0.281	0.090	-0.082	0.585		
NQPTDY	0.213	0.402	0.669	0.100	0.759	0.000	0.143	0.334	1.316	0.240	0.161	0.000	0.090	-0.055	0.000		
RNM9TV	0.206	0.000	0.211	0.081	-0.304	1.449	0.127	-0.787	0.923	0.237	0.000	0.367	0.084	-0.522	0.894		
RUF88Q	0.185	-1.157	0.505	0.084	-0.147	0.083	0.138	0.000	0.527	0.224	-0.611	0.371	0.085	-0.492	0.293		
TCPL2Q	0.187	-1.065	0.669	0.080	-0.351	0.000	0.147	0.556	1.316	0.213	-1.100	0.702	0.110	1.586	1.916		
U98MLB	0.220	0.750	0.822	0.100	0.741	0.928	0.149	0.734	0.263	0.258	1.012	0.530	0.098	0.629	0.945		
YM8EU9	0.227	1.153	2.171	0.106	1.111	1.445	0.145	0.445	0.228	0.232	-0.233	1.821	0.097	0.520	1.165		

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups															Data units: Percent		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
Grand Median	0.21			0.086			0.14			0.24			0.09				
Median Abs Dev	0.01			0.006			0.01			0.01			0.01				
Avg Within Lab SD	0.01			0.007			0.00			0.01			0.01				
Labs Included	17			17			17			17			17				
Labs Reporting	17			17			17			17			17				



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	2.37	0.81	0.53	0.79	1.80	0.24	1.63	0.71	0.20	2.88	0.14	0.24	1.09	1.25	0.72	
2XKVZJ	4.09	15.75X	0.38	1.25	9.14X	2.60	2.82	11.93X	0.20	5.24	24.36X	0.23	1.71	7.68X	0.58	
8VFE7W	2.34	0.54	0.31	0.75	1.12	0.43	1.62	0.57	0.46	2.95	0.79	0.09	1.04	0.74	0.56	
ACHTLG	2.23	-0.45	0.03	0.67	-0.17	0.09	1.46	-0.99	0.05	2.83	-0.41	0.03	0.82	-1.52	0.10	
CYGD73	2.25	-0.26		0.71	0.57		1.49	-0.66		2.89	0.20		0.93	-0.39		
HTTG7U	2.20	-0.69	0.00	0.70	0.35	0.00	1.47	-0.89	0.99	2.83	-0.38	0.41	0.97	0.00	1.10	
HUPVV8	2.25	-0.28	0.60	0.63	-0.82	1.19	1.56	0.03	1.48	2.80	-0.72	0.79	0.94	-0.32	3.00	
JVDQTZ	2.34	0.52	3.36	0.60	-1.24	2.94	1.39	-1.59	3.03	2.91	0.40	3.41	0.84	-1.36	0.45	
MNZ9NU	2.33	0.43	0.30	0.69	0.17	1.02	1.57	0.07	0.05	2.84	-0.31	0.19	1.01	0.43	0.31	
NQPTDY	2.44	1.41	0.00	0.69	0.19	0.27	1.62	0.55	0.26	2.97	1.06	0.02	0.97	0.02	0.33	
RNM9TV	2.30	0.18	0.14	0.65	-0.50	0.68	1.59	0.24	0.28	2.88	0.14	0.28	0.97	0.00	0.69	
RQCEDR	2.26	-0.18	0.60	0.62	-0.97	0.99	1.40	-1.50	0.35	2.86	-0.14	0.48	0.92	-0.46	0.86	
RUF88Q	2.10	-1.53	0.56	0.65	-0.43	0.05	1.54	-0.18	0.35	2.75	-1.20	0.08	0.90	-0.71	0.39	
TCPL2Q	2.23	-0.40	0.39	0.66	-0.29	0.00	1.56	-0.03	0.10	2.80	-0.72	0.19	1.11	1.48	0.38	
YM8EU9	2.48	1.76	0.10	0.73	0.83	0.40	1.71	1.44	0.14	3.15	2.84	0.39	1.04	0.76	0.11	

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	2.28			0.68			1.56			2.87			0.97			
Median Abs Dev	0.06			0.03			0.06			0.04			0.06			
Avg Within Lab SD	0.05			0.02			0.06			0.14			0.05			
Labs Included	14			14			14			14			14			
Labs Reporting	15			15			15			15			15			



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	4.53	0.92	0.16	1.23	0.30	0.27	3.43	1.05	0.14	5.70	1.00	0.27	2.10	1.09	0.55	
3RRDYD	3.83	-0.15	0.42	0.90	-0.71	0.49	2.72	-0.15	0.45	4.90	-0.09	0.72	1.70	0.00	0.60	
6PY2EX	3.76	-0.26	0.07	1.11	-0.06	0.00	2.71	-0.17	0.04	4.92	-0.06	0.29	1.70	0.00	0.89	
8VFE7W	3.97	0.06		1.02	-0.34		2.71	-0.16	0.23	5.26	0.40		1.56	-0.37		
9QJCF2	4.03	0.16	2.09	1.33	0.62	2.21	3.30	0.84	2.20	5.97	1.36	2.45	1.57	-0.35	1.48	
CYGD73	3.56	-0.57		1.15	0.06		2.41	-0.67		4.43	-0.73		1.35	-0.94		
DH9GM4	4.43	0.78	0.79	1.20	0.21	0.00	3.13	0.55	0.32	5.77	1.09	1.08	1.93	0.65	1.12	
EUZK99	4.39	0.70	1.58	1.61	1.47	0.55	2.89	0.15	1.83	5.51	0.74	2.29	2.10	1.09	1.90	
HTTG7U	5.70	2.72	0.52	1.33	0.62	2.68	4.30	2.54	0.55	4.33	-0.86	1.30	2.07	1.01	2.02	
JULU7R	4.13	0.32	0.30	1.22	0.26	0.25	2.87	0.10	0.32	5.10	0.18	0.52	1.58	-0.31	0.28	
JVDQTZ	4.63	1.07	0.23	2.43	3.98	1.06	4.47	2.83	1.46	6.78	2.47	0.07	2.91	3.31	0.35	
KUE6FY	5.07	1.75	1.53	0.83	-0.92	0.92	3.44	1.08	0.48	3.70	-1.72	0.26	1.76	0.18	0.63	
N323UX	2.97	-1.48	0.79	0.87	-0.81	0.51	2.57	-0.41	0.32	4.30	-0.91	0.00	1.90	0.56	0.00	
NDX9NV	3.61	-0.49	0.94	1.03	-0.31	0.61	3.13	0.54	0.16	4.82	-0.20	0.55	1.98	0.77	0.99	
RBM6QP	3.82	-0.17	0.10	1.20	0.22	0.00	2.75	-0.10	0.60	4.85	-0.16	0.28	1.66	-0.10	0.69	
RNM9TV	3.89	-0.06	0.39	1.02	-0.35	0.15	2.65	-0.26	0.08	5.00	0.05	0.26	1.56	-0.37	0.32	
XR87NE	3.67	-0.40	1.69	0.94	-0.57	0.75	2.65	-0.27	0.67	4.93	-0.05	0.29	1.47	-0.63	0.59	
Z4WJZF	3.89	-0.06	1.02	1.02	-0.34	0.32	2.65	-0.26	2.18	5.02	0.08	0.57	1.55	-0.41	0.93	

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	3.93			1.13			2.81			4.97			1.70			
Median Abs Dev	0.29			0.11			0.20			0.42			0.18			
Avg Within Lab SD	0.19			0.11			0.18			0.19			0.10			
Labs Included	18			18			18			18			18			
Labs Reporting	18			18			18			18			18			



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups															Data units: Percent		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
32G3XM	4.48	0.19	0.16	2.09	0.26	0.14	3.19	0.07	0.07	5.35	-0.26	0.15	1.78	0.05	0.25		
3C3742	4.85	1.12	0.94	2.43	1.26	1.35	3.46	1.23	1.65	5.80	0.76	0.69	1.94	1.08	1.48		
3LLHFD	4.25	-0.41	0.63	1.75	-0.74	0.45	3.01	-0.72	1.07	5.36	-0.24	0.74	1.66	-0.81	2.74		
49UBX3	4.00	-1.03		1.53	-1.38	0.72	3.00	-0.78	1.28	5.37	-0.22	0.19	1.63	-0.97	0.96		
4DN CYG	4.05	-0.91	0.06	1.76	-0.71	0.13	2.95	-0.98	0.07	5.10	-0.82	0.05	1.67	-0.72	0.44		
4JT9HG	4.47	0.14	0.37	1.60	-1.18	0.00	3.17	-0.04	0.74	6.13	1.52	0.39	1.70	-0.52	1.66		
6V4ZLG	4.09	-0.80	0.13	1.77	-0.69	0.26	3.02	-0.70	0.15	5.30	-0.37	0.10	1.70	-0.50	0.34		
6VMYML	4.72	0.77	0.19	2.27	0.80	0.54	3.48	1.33	0.70	6.08	1.41	0.34	2.01	1.60	0.24		
7ZVKBJ	5.03	1.57	0.37	2.33	0.99	0.72	3.53	1.56	0.74	5.77	0.69	0.51	1.93	1.06	0.96		
8JLZ7Y	4.70	0.73	0.65	2.23	0.69	0.72	3.33	0.69	0.74	5.60	0.31	0.34	1.80	0.16	0.00		
8VFE7W	4.30	-0.28	0.65	1.93	-0.20	0.72	3.00	-0.78	1.28	5.40	-0.15	0.34	1.67	-0.74	0.96		
9DUCMD	4.23	-0.45	0.37	1.90	-0.30	0.00	3.07	-0.48	0.74	5.63	0.38	0.19	1.70	-0.52	0.00		
9PQEAF	4.45	0.11	0.59	1.97	-0.09	0.88	3.20	0.12	0.75	5.53	0.15	0.33	1.78	0.00	0.51		
9QJCF2	4.32	-0.23	4.72	2.08	0.23	0.48	3.12	-0.25	1.79	5.32	-0.34	1.13	1.75	-0.16	1.25		
9UGTRV	4.62	0.54	0.25	2.23	0.68	0.00	3.44	1.17	0.59	5.85	0.89	0.31	1.87	0.63	0.92		
ACHTLG	4.26	-0.37	0.59	1.94	-0.18	0.79	3.18	0.03	0.78	6.56	2.49	6.13	1.81	0.24	0.89		
BN6QHC	4.53	0.31	0.99	2.00	0.00		3.30	0.54	1.28	5.60	0.31	0.34	1.80	0.16	1.66		
BQR7BR	4.80	0.98	0.65	2.17	0.49	1.92	3.60	1.86	3.38	5.87	0.92	0.39	1.90	0.84	1.66		
C24P8U	4.96	1.40	0.48	2.36	1.07	0.57	3.18	0.00	0.48	6.03	1.30	0.08	1.70	-0.54	0.67		
CYGD73	3.70	-1.79		1.60	-1.18		2.70	-2.09		4.70	-1.74		1.70	-0.52			
EUZK99	4.30	-0.28		0.86	-3.37		2.93	-1.08		4.72	-1.70		1.75	-0.18			
FNPW7R	4.57	0.40	0.37	2.00	0.00	1.26	3.27	0.39	0.74	5.70	0.54	0.34	1.73	-0.29	0.96		
FQE3QN	3.89	-1.32	0.39	1.78	-0.64	0.40	2.87	-1.33	0.58	4.80	-1.51	0.11	1.56	-1.47	0.33		
HTTG7U	6.20	4.52X	0.65	3.13	3.35	0.72	4.10	4.05X	0.00	7.17	3.88X	0.19	2.30	3.54	0.00		
HUPVV8	4.63	0.55	0.58	2.05	0.16	0.88	3.22	0.19	0.77	5.78	0.71	0.22	1.89	0.74	0.34		
JM74P7	4.27	-0.34	0.42	2.23	0.69	0.36	3.41	1.01	1.04	5.30	-0.37	0.02	1.88	0.72	1.72		



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JMY2VR	3.81	-1.52	0.65	1.71	-0.85	1.83	2.97	-0.92	1.19	4.99	-1.08	0.24	1.71	-0.47	0.67	
JNVFK6	3.73	-1.71	0.99	1.83	-0.49	0.72	2.80	-1.65	0.00	4.83	-1.44	1.03	1.70	-0.52	1.66	
JULU7R	4.37	-0.11	0.37	1.83	-0.49	0.72	3.03	-0.63	0.74	5.37	-0.22	0.19	1.67	-0.74	0.96	
K7QAQ2	4.62	0.53	1.33	2.28	0.84	1.45	3.24	0.28	1.69	5.40	-0.16	0.54	1.72	-0.40	0.29	
KHLGLK	4.72	0.77	0.19	2.17	0.49	0.72	3.37	0.83	0.74	5.63	0.38	0.19	1.90	0.84	0.00	
MRNHXV	4.49	0.20	0.17	2.03	0.10	0.32	3.10	-0.35	0.59	5.77	0.70	0.22	1.85	0.50	0.72	
NDX9NV	2.19	-5.61X	1.31	5.43	10.15X	1.76	2.42	-3.31X	4.47	3.84	-3.71X	0.31	6.83	34.22X	0.44	
NKZBW3	4.67	0.65	0.37	2.17	0.49	0.72	3.30	0.54	1.28	5.67	0.46	0.19	1.83	0.38	0.96	
PXNJDF	3.99	-1.07	1.42	1.49	-1.52	2.32	3.06	-0.50	0.30	5.43	-0.08	0.93	1.79	0.07	0.38	
Q9HGDK	3.63	-1.96	0.69	4.77	8.20X	3.14	1.83	-5.92X	3.99	5.97	1.16	0.59	2.00	1.54	0.58	
R79NYD	3.95	-1.16	0.06	1.82	-0.53	0.00	2.94	-1.05	0.07	4.98	-1.11	0.03	1.65	-0.88	0.10	
RNM9TV	4.55	0.36	0.05	1.83	-0.51	0.08	3.22	0.20	0.10	5.58	0.26	0.03	1.82	0.29	0.89	
RPJJQJ	4.48	0.19	0.36	2.02	0.07	2.35	3.23	0.25	0.66	5.77	0.70	0.32	1.78	0.00	0.51	
RQRV9K	4.37	-0.11	0.99	2.00	0.00	1.26	3.13	-0.19	0.74	5.27	-0.45	0.39	1.73	-0.29	0.96	
RUF88Q	4.47	0.14	0.75	2.07	0.20	1.45	3.27	0.39	0.74	5.60	0.31	0.34	1.83	0.38	0.96	
TMPAXU	4.25	-0.40	0.35	1.92	-0.24	0.24	3.10	-0.33	0.06	5.28	-0.42	0.08	1.72	-0.39	0.39	
U6NKLW	3.93	-1.20	0.37	1.47	-1.58	0.72	2.90	-1.21	0.00	4.97	-1.14	0.19	1.57	-1.42	0.96	
U6PM6A	4.22	-0.47	1.58	2.00	0.00	1.90	3.14	-0.18	1.80	5.35	-0.27	0.98	2.06	1.92	1.75	
U98MLB	4.28	-0.33	0.22	1.82	-0.52	0.48	3.13	-0.22	0.20	5.36	-0.23	0.20	1.67	-0.72	0.29	
UECEXT	4.50	0.23	0.65	2.17	0.51	0.81	3.37	0.83	0.74	5.47	0.00	0.19	1.83	0.38	0.96	
UHTQRP	4.13	-0.71	2.26	1.97	-0.08	0.48	3.15	-0.13	0.97	5.46	0.00	0.36	1.75	-0.16	0.51	
W6XFEX	4.62	0.54	0.68	1.87	-0.38	0.62	3.24	0.27	0.54	5.24	-0.52	0.35	1.57	-1.39	1.53	
W8LRWK	4.70	0.73	0.65	2.23	0.69	1.92	3.33	0.69	0.74	5.67	0.46	0.19	1.83	0.38	0.96	
YM8EU9	4.53	0.29	0.13	2.16	0.47	0.32	3.32	0.62	0.20	5.78	0.73	0.18	1.81	0.21	0.40	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS1611	SRS1612	SRS1613	SRS1614	SRS1615	
Grand Median	4.41	2.00	3.18	5.47	1.78	
Median Abs Dev	0.21	0.17	0.14	0.20	0.08	
Avg Within Lab SD	0.15	0.08	0.08	0.30	0.06	
Labs Included	48	48	47	48	49	
Labs Reporting	50	50	50	50	50	



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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
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			
8VFE7W	4.40		1.47	2.03		1.17	3.10		1.42	5.50		1.46	1.77		1.64			
FQE3QN	3.56		0.81	1.67		0.53	2.65		0.57	4.39		0.39	1.47		0.57			
KHLGLK	4.72		0.42	2.17		1.17	3.37		0.82	5.63		0.84	1.90		0.00			
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
Grand Median	4.40			2.03			3.10			5.50			1.77					
Median Abs Dev																		
Avg Within Lab SD	0.07			0.05			0.07			0.07			0.04					
Labs Included	3			3			3			3			3					
Labs Reporting	3			3			3			3			3					



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CaCO3 Content (SubTestCode 185) in the Content Property Groups															Data units: Percent
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
BQR7BR	0.30	-0.89	0.00	0.20		1.41	0.37	-0.45	0.53	0.30		1.35	0.30		0.00
CYGD73	0.51	0.71					0.44	0.00							
HTTG7U	0.43	0.13	1.99				0.57	0.77	1.93	0.20		1.20	0.23		2.00
JM74P7	0.42	0.00	0.20	0.10		0.71	0.45	0.08	0.05	0.10		0.60	0.10		0.00
JULU7R	0.20	-1.65	0.00	0.10		0.71	0.10	-2.07	0.00	0.10		0.60	0.10		0.00
CaCO3 Content (SubTestCode 185) in the Content Property Groups															Data units: Percent
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615		
Grand Median	0.42			0.10			0.44			0.15			0.17		
Median Abs Dev	0.09						0.07								
Avg Within Lab SD	0.08			0.00			0.11			0.00			0.06		
Labs Included	5			3			5			4			4		
Labs Reporting	5			3			5			4			4		



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups															Data units: cmol/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	18.93	-0.06	0.20	9.00	-0.21	0.26	10.53	0.00	0.08	17.97	-0.08	0.20	5.13	-0.08	0.14		
8VFE7W	17.02	-0.49		8.82	-0.25		9.04	-0.44		17.60	-0.14		4.97	-0.23			
9QJCF2	18.65	-0.12	1.17	9.02	-0.21	1.83	10.55	0.00	0.99	18.90	0.08	1.03	5.25	0.02	1.48		
CYGD73	22.90	0.83		13.00	0.74		12.20	0.49		25.00	1.11		7.50	2.09			
DH9GM4	21.30	0.47	1.96	13.90	0.95	0.93	13.93	1.00	1.70	17.37	-0.18	0.81	5.57	0.31	0.77		
HTTG7U	25.33	1.38	0.77	16.00	1.45		15.00	1.32		26.67	1.40	2.03	8.00	2.55			
JM74P7	10.33	-1.99	0.04	4.03	-1.39	0.08	4.26	-1.86	0.35	7.47	-1.86	0.20	5.20	-0.02	0.13		
Z4WJZF	19.46	0.06	0.43	10.76	0.21	0.85	9.64	-0.27	1.00	21.63	0.54	0.23	5.13	-0.09	1.48		

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups															Data units: cmol/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
Grand Median	19.2			9.89			10.5			18.4			5.23				
Median Abs Dev	2.1			2.09			1.6			2.1			0.18				
Avg Within Lab SD	0.8			0.39			0.8			0.8			0.40				
Labs Included	8			8			8			8			8				
Labs Reporting	8			8			8			8			8				



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CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups															Data units: cmol/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4JT9HG	14.73	-0.11	0.32	7.13	-0.05	0.40	10.57	0.13	0.69	8.33	-0.59	0.12	6.43	-0.03	0.82		
9PQEAF	15.62	0.25	0.82	11.02	0.97	0.83	10.64	0.16	0.37	21.41	1.12	0.99	7.86	0.55	0.70		
9UGTRV	13.87	-0.47	0.26	4.57	-0.72	0.15	7.77	-1.32	0.36	6.67	-0.81	0.12	3.53	-1.19	0.23		
HUPVV8	11.61	-1.38	2.20	3.45	-1.01	1.00	5.93	-2.27	2.02	4.98	-1.03	2.08	2.61	-1.55	1.57		
JQMGJ2	15.97	0.39	0.84	6.37	-0.25	1.75	10.27	-0.03	0.76	13.30	0.06	0.55	6.57	0.03	1.26		
KDPUTW	18.97	1.60	1.76	7.50	0.05	0.79	10.43	0.06	1.75	12.40	-0.06	0.63	5.80	-0.28	0.39		
KHLGLK	10.93	-1.66	0.38	5.23	-0.54	0.40	6.97	-1.73	0.49	14.03	0.16	0.84	4.70	-0.72	0.39		
NKZBW3	14.70	-0.13	0.33	18.03	2.79	1.21	10.37	0.03	1.12	8.23	-0.60	0.32	10.77	1.70	2.37		
RNM9TV	19.32	1.75	0.65	10.97	0.95	0.32	10.69	0.19	0.51	26.27	1.76	0.30	6.65	0.06	0.40		
RQRV9K	15.13	0.05	0.19	6.23	-0.28	1.35	9.37	-0.49	0.27	8.77	-0.53	0.64	4.67	-0.73	0.60		
U98MLB	14.90	-0.05	1.33	8.03	0.19	1.54	9.13	-0.61	0.49	18.43	0.73	1.32	8.43	0.77	0.23		
YM8EU9	15.69	0.27	0.23	8.47	0.30	0.75	12.41	1.08	1.20	17.71	0.64	1.70	7.72	0.49	0.51		

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups															Data units: cmol/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
	Grand Median	15.0			7.32			10.3			12.9			6.50			
Median Abs Dev	0.8			1.62			0.7			4.7			1.58				
Avg Within Lab SD	0.8			0.38			0.4			0.5			0.25				
Labs Included	12			12			12			12			12				
Labs Reporting	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	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	1.28	1.49	0.17	1.38	1.39	0.15	1.57	1.40	0.25	1.30	1.48	0.32	1.80	1.20	0.08	
4772LG	1.28	1.45	0.15	1.40	1.51	0.12	1.61	1.62	0.22	1.31	1.55	0.08	1.86	1.49	0.35	
HUPVV8	0.97	-0.22	0.81	1.04	-0.34	1.58	1.21	-0.31	0.95	1.14	-0.44	0.87	1.45	-0.29	1.08	
KDPUTW	0.95	-0.30	0.61	1.07	-0.23	0.15	1.22	-0.28	1.12	1.15	-0.30	1.40	1.47	-0.21	0.15	
QDVZWM	1.05	0.22	1.06	1.15	0.23	1.01	1.32	0.22	1.23	1.19	0.14	1.66	1.57	0.21	0.27	
RUF88Q	0.94	-0.36	1.95	1.04	-0.35	1.56	1.23	-0.22	1.49	1.17	-0.14	0.64	1.37	-0.64	2.15	

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups															Data units: g/cc	
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Grand Median	1.01			1.11			1.28			1.18			1.52		
Median Abs Dev	0.06			0.07			0.06			0.03			0.11			
Avg Within Lab SD	0.03			0.04			0.02			0.02			0.08			
Labs Included	6			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups

Data units: Percent

WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	14.0	0.0		14.0	0.3		52.0	0.0		20.0	-0.1		76.0	1.6	
2XKVZJ	10.1	-0.8	0.4	5.2	-1.4	0.1	53.4	0.4	0.6	19.8	-0.1	0.6	70.5	0.2	0.6
3C3742	14.4	0.1	0.0	8.8	-0.7	0.0	50.4	-0.4	0.0	22.2	0.4	0.0	68.3	-0.3	0.0
3LLHFD	9.3	-1.0	0.8	10.0	-0.5	2.4	50.0	-0.5		22.0	0.3	1.1	68.7	-0.3	0.9
3RRDYD	8.1	-1.2	0.4	12.7	0.0	1.0	64.2	3.2X	3.7	32.3	2.4	0.3	72.1	0.6	0.2
4772LG	6.0	-1.7		4.7	-1.5	0.7	46.0	-1.6		16.0	-0.9		66.0	-0.9	
6PY2EX	10.0	-0.8		5.0	-1.4		56.0	1.0		17.0	-0.7		69.0	-0.2	
9PQEAF	15.2	0.3	0.5	17.2	0.9	0.4	54.5	0.7	1.5	23.2	0.6	0.4	73.2	0.9	0.5
9UGTRV	6.1	-1.7	0.3	5.5	-1.3	0.6	43.4	-2.3	0.9	13.1	-1.4	0.3	61.1	-2.2	0.5
ACHTLG	16.3	0.5	0.4	18.3	1.1	0.3	51.3	-0.2	0.5	20.3	0.0	0.9	69.7	0.0	0.4
BN6QHC	14.0	0.0	1.3	10.7	-0.3	0.7	52.7	0.2	1.0	21.3	0.2	0.6	68.7	-0.3	0.9
CYGD73	12.7	-0.3		11.8	-0.1		52.4	0.1		16.2	-0.8		71.7	0.5	
GAZGFW	15.2	0.3	0.5	16.9	0.8	0.4	52.5	0.1	0.3	18.0	-0.5	0.2	70.5	0.2	0.4
HTTG7U	14.3	0.1	0.8	10.3	-0.4	0.7	50.3	-0.4	1.0	21.0	0.1	1.9	69.0	-0.2	1.6
HUPVV8	14.1	0.0	3.1	10.2	-0.4	1.0	52.1	0.0	1.4	19.2	-0.2	1.9	68.7	-0.3	0.8
JMY2VR	16.7	0.6	1.2	17.3	0.9	0.5	55.5	0.9	1.0	22.4	0.4	1.0	73.6	1.0	1.6
MLWD6R	9.0	-1.1	0.7	11.3	-0.2	0.3	47.3	-1.2	0.5	19.3	-0.2	0.3	65.3	-1.1	0.4
MNZ9NU	19.5	1.2	0.7	17.5	0.9	2.6	54.1	0.5	0.4	22.1	0.4	2.2	71.3	0.4	0.8
NQPTDY	16.7	0.6	0.5	12.5	0.0		55.0	0.8	1.1	22.1	0.3	0.4	72.5	0.7	1.0
QDVZWM	14.3	0.1	0.4	15.7	0.6	0.9	51.1	-0.3	0.8	20.3	0.0	0.3	71.1	0.4	1.9
RQCEDR	21.8	1.7	1.5	19.1	1.2	0.4	56.3	1.1	2.3	53.0	6.5X	0.7	72.0	0.6	0.4
RUF88Q	13.5	-0.1		14.0	0.3		49.6	-0.6		18.6	-0.3		69.2	-0.1	
TMPAXU	16.8	0.6	0.4	14.5	0.4	0.9	54.2	0.6	0.5	21.6	0.3	0.3	67.9	-0.4	2.0
U98MLB	17.0	0.6		17.0	0.8		51.0	-0.3		41.0	4.1		71.0	0.3	
W6XFXE	7.7	-1.3	0.8	8.3	-0.8	0.7	47.3	-1.2	0.5	16.0	-0.9		64.7	-1.3	0.9
YM8EU9	13.9	0.0		13.9	0.3		53.9	0.5		21.8	0.3		73.8	1.1	



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
SRS1611				SRS1612			SRS1613			SRS1614			SRS1615			
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	
Z4WJZF	6.0	-1.7		8.0	-0.8		46.0	-1.6		12.0	-1.7		62.0	-2.0		

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups						Data units: Percent			
SRS1611		SRS1612		SRS1613		SRS1614		SRS1615	
Grand Median	14.0	12.5	52.1	20.3	69.7				
Median Abs Dev	2.7	3.7	2.1	1.8	1.7				
Avg Within Lab SD	1.5	1.7	1.1	1.8	1.3				
Labs Included	27	27	26	26	27				
Labs Reporting	27	27	27	27	27				



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups																Data units: Percent		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2FLT8L	66.0	0.5		66.0	0.2		38.0	1.1		62.0	0.7		16.0	-1.7				
2XKVZJ	63.3	0.1	0.4	70.0	1.0	0.3	29.6	-0.9	0.3	55.5	-0.3	0.5	19.7	-0.6	0.4			
3C3742	54.3	-1.2	0.0	64.1	-0.2	0.0	28.4	-1.2	0.0	44.5	-2.0	0.0	14.4	-2.2	0.0			
3LLHFD	72.7	1.5	0.7	69.3	0.9	2.0	37.3	1.0	0.7	60.0	0.3	1.2	23.3	0.5	0.9			
3RRDYD	75.8	2.0	0.9	69.5	0.9	1.3	27.3	-1.4	3.2	50.2	-1.2	0.8	21.6	0.0	0.2			
4772LG	60.0	-0.3		65.3	0.1	0.7	32.7	-0.2	0.7	52.7	-0.8	0.7	20.0	-0.5				
6PY2EX	42.0	-3.0X		44.0	-4.3X		18.0	-3.7X		37.0	-3.2X		19.0	-0.8				
9PQEAF	59.6	-0.4	0.7	60.3	-1.0	0.4	32.9	-0.1	0.9	54.3	-0.5	0.4	16.3	-1.6	0.5			
9UGTRV	66.2	0.6	0.1	66.9	0.4	0.5	36.9	0.9	0.5	60.9	0.5	0.5	23.6	0.6	0.4			
ACHTLG	58.0	-0.6	0.6	59.7	-1.1	0.4	33.7	0.1	0.7	59.3	0.2	0.9	20.3	-0.4	0.5			
BN6QHC	60.0	-0.3	1.1	68.7	0.7	0.7	34.7	0.3	0.3	58.7	0.1	0.7	25.3	1.1	0.9			
CYGD73	67.8	0.8		70.6	1.1		39.2	1.4		66.9	1.4		24.3	0.8				
GAZGFW	62.2	0.0	0.5	64.1	-0.2	0.4	34.9	0.4	0.1	61.4	0.6	0.3	22.3	0.2	0.4			
HTTG7U	63.7	0.2	0.7	69.0	0.8		34.0	0.2	0.6	54.3	-0.5	1.3	21.7	0.0	0.9			
HUPVV8	70.1	1.2	1.2	73.1	1.7	1.1	33.1	0.0	0.1	60.7	0.5	1.2	22.0	0.1	1.0			
JMY2VR	54.3	-1.2	1.6	58.9	-1.2	0.1	28.1	-1.2	0.7	51.7	-0.9	0.7	18.7	-0.9	1.8			
MLWD6R	61.0	-0.2		63.0	-0.4		36.3	0.7	0.7	59.0	0.2		23.7	0.6	0.9			
MNZ9NU	58.3	-0.6	0.7	61.7	-0.7	2.3	31.6	-0.4	0.0	58.3	0.1	2.4	19.6	-0.6	1.5			
NQPTDY	62.5	0.0	0.7	66.7	0.3	0.9	32.1	-0.3	0.4	58.8	0.2	0.7	20.0	-0.5				
QDVZWM	67.5	0.8	0.8	66.3	0.3	0.5	38.3	1.2	0.8	63.9	1.0	1.0	23.5	0.5	1.5			
RQCEDR	66.6	0.6	1.6	71.7	1.4	0.7	37.0	0.9	1.1	40.0	-2.7	0.5	22.9	0.4	0.5			
RUF88Q	56.4	-0.9		60.6	-0.9		33.5	0.0		53.5	-0.7		20.4	-0.4				
TMPAXU	58.3	-0.6	2.0	61.0	-0.8	1.4	31.1	-0.5	1.8	57.3	-0.1	1.4	22.3	0.2	1.8			
U98MLB	72.0	1.4		64.0	-0.2		42.0	2.1		54.0	-0.6		24.0	0.7				
W6XFXE	60.7	-0.2	1.3	64.7	-0.1	0.7	33.0	-0.1	0.6	53.0	-0.7		21.7	0.0	0.9			
YM8EU9	58.0	-0.6		62.1	-0.6		30.1	-0.8		54.1	-0.6		18.1	-1.1				



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
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
Z4WJZF	65.0	0.4		63.0	-0.4		33.0	-0.1		59.0	0.2		25.0	1.0				
Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
Grand Median	62.3			65.0			33.3			57.8			21.7					
Median Abs Dev	4.1			3.5			2.6			3.6			1.9					
Avg Within Lab SD	1.8			1.6			1.7			1.7			1.2					
Labs Included	26			26			26			26			27					
Labs Reporting	27			27			27			27			27					



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups															Data units: Percent		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	20.0	-0.7		20.0	-0.3		10.0	-0.9		18.0	-0.4		8.0	-0.4			
2XKVZJ	26.6	0.2	0.2	24.8	0.6	0.2	17.0	0.4	0.2	24.7	0.5	0.3	9.8	0.1	0.3		
3C3742	31.3	0.8	0.0	27.1	1.1	0.0	21.3	1.3	0.0	33.3	1.7	0.0	17.3	2.1	0.0		
3LLHFD	18.0	-0.9		20.7	-0.1	1.0	12.7	-0.4	0.9	18.0	-0.4		8.0	-0.4			
3RRDYD	16.1	-1.2	1.3	17.9	-0.7	0.5	8.5	-1.2	1.0	17.5	-0.5	1.0	6.3	-0.8	0.1		
4772LG	34.0	1.2		30.0	1.6		21.3	1.3	0.9	31.3	1.5	1.0	14.0	1.2			
6PY2EX	48.0	3.1X		51.0	5.6X		26.0	2.2X		46.0	3.5X		12.0	0.7			
9PQEAF	25.2	0.0	0.9	22.5	0.2	0.2	12.5	-0.4	0.2	22.5	0.2	0.2	10.5	0.3	0.3		
9UGTRV	27.7	0.3	0.3	27.7	1.2	0.4	19.7	1.0	0.4	26.0	0.7	0.4	15.3	1.6	0.1		
ACHTLG	25.7	0.1	0.4	22.0	0.1		15.0	0.1	0.8	20.3	-0.1	0.5	10.0	0.2			
BN6QHC	25.7	0.1	0.4	20.7	-0.1	1.0	12.7	-0.4	0.5	20.0	-0.1		6.4	-0.8	0.0		
CYGD73	19.6	-0.7		17.6	-0.7		8.4	-1.3		16.9	-0.6		4.0	-1.4			
GAZGFW	22.6	-0.3	0.3	19.0	-0.5	0.3	12.7	-0.4	0.1	20.6	0.0	0.3	7.1	-0.6	0.1		
HTTG7U	22.0	-0.4		20.7	-0.1	1.0	15.7	0.2	0.5	24.7	0.5	1.0	9.3	0.0	1.5		
HUPVV8	15.8	-1.2	1.7	16.7	-0.9	1.6	14.8	0.0	1.2	20.1	-0.1	1.7	9.3	0.0	1.4		
JMY2VR	29.1	0.5	1.5	23.7	0.4	1.0	16.4	0.3	1.6	25.9	0.7	0.8	7.7	-0.4	1.6		
MLWD6R	30.3	0.7	0.8	26.3	0.9	1.0	17.0	0.5	1.6	22.3	0.2	1.0	11.7	0.6	1.5		
MNZ9NU	22.3	-0.4	0.3	20.8	-0.1	1.0	14.3	-0.1	0.4	19.6	-0.2	0.6	9.1	-0.1	1.1		
NQPTDY	20.8	-0.6	0.5	20.8	-0.1	1.3	12.9	-0.4	1.2	19.2	-0.2	1.2	7.5	-0.5	1.6		
QDVZWM	18.2	-0.9	0.9	18.0	-0.6	1.0	10.6	-0.8	0.3	15.7	-0.7	1.6	5.4	-1.0	0.9		
RQCEDR	11.6	-1.8	0.4	9.3	-2.3	0.8	6.6	-1.6	0.7	7.0	-1.9	0.2	5.1	-1.1	0.7		
RUF88Q	30.1	0.7		25.4	0.8		17.0	0.5		27.9	1.0		10.4	0.3			
TMPAXU	24.9	0.0	2.6	24.5	0.6	2.1	14.7	0.0	2.5	21.1	0.0	2.1	9.8	0.1	0.6		
U98MLB	11.0	-1.9		19.0	-0.5		7.0	-1.5		5.0	-2.2		5.0	-1.1			
W6XFXE	31.7	0.9	0.8	27.0	1.1		19.7	1.0	0.9	31.0	1.4		13.7	1.1	1.5		
YM8EU9	28.1	0.4		24.0	0.5		16.0	0.3		24.1	0.4		8.1	-0.3			



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
SRS1611				SRS1612			SRS1613			SRS1614			SRS1615			
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	
Z4WJZF	29.0	0.5		29.0	1.4		21.0	1.2		29.0	1.1		13.0	1.0		
Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
SRS1611				SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	25.1			21.4			14.7			20.9			9.33			
Median Abs Dev	4.6			3.2			2.3			3.6			2.20			
Avg Within Lab SD	1.5			1.1			1.2			1.2			0.77			
Labs Included	26			26			26			26			27			
Labs Reporting	27			27			27			27			27			



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Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups															Data units: %
SRS1611				SRS1612			SRS1613			SRS1614			SRS1615		
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
8VFE7W	33.5		1.0	31.8		1.0	20.4		1.0	20.3		1.0	13.7		1.0

Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups															Data units: %
SRS1611				SRS1612			SRS1613			SRS1614			SRS1615		
Grand Median	33.5			31.8			20.4			20.3			13.7		
Median Abs Dev															
Avg Within Lab SD	0.2			0.2			0.3			1.0			0.5		
Labs Included	1			1			1			1			1		
Labs Reporting	1			1			1			1			1		



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Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups															Data units: %			
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
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			
8VFE7W	10.57		1.00	7.58		1.00	6.46		1.00	10.93		1.00	2.92		1.00			

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups															Data units: %			
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
Grand Median	10.6			7.58			6.46			10.9			2.92					
Median Abs Dev	0.0			0.05			0.00			0.0			0.04					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Available Water Content (SubTestCode 194) in the Moisture Property Groups															Data units: %
SRS1611				SRS1612			SRS1613			SRS1614			SRS1615		
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
8VFE7W	23.0		1.0	24.2		1.0	14.0		1.0	9.4		1.0	10.8		1.0

Available Water Content (SubTestCode 194) in the Moisture Property Groups						Data units: %	
SRS1611		SRS1612		SRS1613		SRS1614	SRS1615
Grand Median	23.0	24.2	14.0	9.36	10.8		
Median Abs Dev							
Avg Within Lab SD	0.2	0.3	0.3	1.07	0.5		
Labs Included	1	1	1	1	1		
Labs Reporting	1	1	1	1	1		



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Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups														Data units: mg/kg		
WebCode	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	96.2	0.1	0.5	12.2	0.0	0.6	44.9	-0.6	0.2	22.0	-0.1	0.1	31.3	-0.2	0.5	
32G3XM	35.6	-0.8	0.2	4.2	-0.7	0.0	54.7	-0.4	0.4	8.1	-0.7	0.0	24.5	-0.4	0.1	
JQMGJ2	236.3	2.3	0.5	25.0	1.2	2.0	242.7	2.1	2.1	68.3	2.1	2.2	103.0	1.7	1.9	
JULU7R	103.3	0.2	2.1	29.3	1.6	0.6	134.3	0.6	0.4	45.3	1.0	0.1	67.7	0.8	0.1	
MRNHXV	84.0	-0.1	0.4	12.1	0.0	0.3	75.9	-0.1	0.4	19.9	-0.1	0.4	45.5	0.2		
U98MLB	54.5	-0.6		7.1	-0.5		98.1	0.1		24.2	0.1		6.2	-0.8		

Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	90.1			12.1			87.0			23.1			38.4			
Median Abs Dev	24.4			6.5			37.2			9.1			21.6			
Avg Within Lab SD	36.8			2.0			5.9			5.3			4.5			
Labs Included	6			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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Soil Nitrogen Mineralization Potential (SubTestCode 197) in the Other 2 Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
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			
2FLT8L	93.7		1.0	26.3		1.0	58.7		1.0	37.7		1.0	47.3		1.0			

Soil Nitrogen Mineralization Potential (SubTestCode 197) in the Other 2 Property Groups														Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615		
Grand Median	93.7			26.3			58.7			37.7			47.3					
Median Abs Dev																		
Avg Within Lab SD	11.9			1.5			1.2			0.6			2.1					
Labs Included	1			1			1			1			1					
Labs Reporting	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	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	7.0			28.0			7.0			11.0			4.3		1.2	
DH9GM4	15.7		0.8	34.7		1.3	11.3		1.3	22.7		1.4	7.3		1.2	
XR87NE	10.1		1.2	26.9		0.6	6.2		0.5	12.5		0.3	4.4		0.2	
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
	SRS1611			SRS1612			SRS1613			SRS1614			SRS1615			
Grand Median	10.1			28.0			7.00			12.5			4.41			
Median Abs Dev																
Avg Within Lab SD	0.7			0.9			0.44			0.8			0.47			
Labs Included	3			3			3			3			3			
Labs Reporting	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				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615				
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		
2FLT8L	3.0			11.0			8.0			23.0			15.0					1.0		
DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups																Data units: mg/kg				
SRS1611				SRS1612				SRS1613				SRS1614				SRS1615				
Grand Median	3.00				11.0				8.00				23.0				15.0			
Median Abs Dev																				
Avg Within Lab SD	0.00				0.0				0.00				0.0				1.0			
Labs Included	1				1				1				1				1			
Labs Reporting	1				1				1				1				1			



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Dry Matter (%) (SubTestCode 201)													Data units: Percent	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	93.5	-0.8	0.0	93.1	-0.5	0.0	89.1	-0.1	0.0	94.1	-0.4	0.0		
6VMYML	93.4	-0.9	0.2	93.3	-0.4	0.1	89.0	-0.2	0.1	94.1	-0.5	0.1		
ACHTLG	93.7	-0.5	0.4	93.0	-0.6	0.4	88.6	-0.5	0.3	94.5	0.0	0.8		
BXC42Z	94.9	0.7	0.0	94.8	0.8	0.0	89.0	-0.2		94.9	0.5	0.0		
EUZK99	95.0	0.8		92.3	-1.1		91.0	1.3		93.5	-1.2	1.0		
F82HRY	95.4	1.3	0.0	95.5	1.3	0.0	91.6	1.8	0.0	96.4	2.2	0.0		
FNPW7R	94.5	0.3	0.7	94.1	0.3	1.7	89.2	0.0	0.3	94.8	0.4	0.2		
JM74P7	94.6	0.4	0.9	93.8	0.0	0.4	89.7	0.3	0.1	94.4	-0.1	0.2		
MNZ9NU	93.7	-0.6	0.8	93.8	0.0	0.8	87.3	-1.5	0.1	93.9	-0.8	0.1		
NQPTDY	94.5	0.3	0.3	94.4	0.5	0.1	88.8	-0.3	0.1	94.8	0.3	0.1		
NZA2V2	94.0	-0.2	0.0	93.5	-0.2	0.0	89.3	0.0	0.0	94.6	0.1	0.0		
RNM9TV	94.3	0.1	0.3	95.1	1.0	1.2	89.8	0.4	0.2	95.0	0.6	0.4		
RQRV9K	97.0	3.0	2.1	97.1	2.5	0.3	92.3	2.3	0.1	97.1	3.1	3.5		
TMPAXU	93.9	-0.3	2.4	92.5	-1.0	1.3	88.7	-0.4	0.2	94.3	-0.3	1.0		
U6NKLW	94.1	-0.1	1.7	94.0	0.2	2.8	90.8	1.1	3.7	94.2	-0.3	0.4		
YM8EU9	93.9	-0.3	0.2	93.1	-0.5	0.6	89.5	0.2	0.4	94.5	0.0	0.8		

Dry Matter (%) (SubTestCode 201)					Data units: Percent			
	SRB1609		SRB1610		SRB1611		SRB1612	
Grand Median	94.2		93.8		89.2		94.5	
Median Abs Dev	0.4		0.7		0.5		0.4	
Avg Within Lab SD	0.1		0.1		0.5		0.2	
Labs Included	16		16		16		16	
Labs Reporting	16		16		16		16	



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NO3 - N Cd Rd. (SubTestCode 202)													Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2XKVZJ	745.7	-0.2	0.3							90.7	-1.4	0.3		
33UR4K	681.3	-0.7	0.3	6,585.0	0.0	0.7	51.3	0.2	0.7	164.0	0.1	1.9		
8VFE7W	955.0	1.3	2.4	6,831.0	0.3	0.3	9.0	-0.2	0.2	153.3	-0.1	0.2		
9PQEAF	699.9	-0.5	0.3	5,896.7	-1.0	0.6	21.9	-0.1	0.2	118.3	-0.8	0.6		
ACHTLG	894.6	0.9	0.3	6,802.7	0.3	0.3	56.9	0.2	0.5	160.0	0.0	0.7		
BN6QHC	759.3	-0.1	0.1	5,706.7	-1.3	0.2	13.5	-0.1	0.0	109.7	-1.0	0.1		
BQR7BR	680.0	-0.7	0.2	6,970.0	0.5	2.8	10.3	-0.2	0.4	122.0	-0.8	0.4		
ERD28B	774.3	0.0	0.2	6,293.3	-0.4	0.1	66.0	0.3	0.6	216.7	1.1	0.6		
FNPW7R	803.1	0.2	0.4	7,518.9	1.3	0.5	33.7	0.0	0.4	141.5	-0.4	0.3		
JM74P7	925.7	1.1	0.1	7,278.3	1.0	0.1	24.3	0.0	0.1	181.3	0.4	0.2		
MNZ9NU	626.3	-1.1	0.2	6,006.7	-0.9		89.3	0.5	0.3	176.0	0.3	0.2		
NDX9NV	934.7	1.2	2.3	7,111.0	0.7	1.5	368.3	2.8	3.7	336.3	3.6	2.6		
NQPTDY	801.5	0.2	0.4	6,593.8	0.0	0.1	19.6	-0.1	0.0	161.9	0.0	0.4		
RNM9TV	857.4	0.6	1.1	6,928.6	0.5	0.3	5.6	-0.2	0.0	136.0	-0.5	0.2		
U6NKLW	677.3	-0.7	0.2	4,904.0	-2.4	0.2	457.3	3.6	0.4	165.7	0.1	1.7		
WCXZYA	1,388.7	4.5X	0.2	6,635.7	0.0	1.0	1,414.3	11.6X	14.0	607.7	9.0X	4.9		
XR87NE	665.2	-0.8	0.6	6,077.7	-0.8	0.3	25.3	0.0	0.7	168.3	0.2	1.1		
YK4JB6	935.7	1.2	1.9	6,606.0	0.0	2.1	294.2	2.2	0.2	130.4	-0.6	0.1		

NO3 - N Cd Rd. (SubTestCode 202)													Data units: mg/kg	
	SRB1609			SRB1610			SRB1611			SRB1612				
Grand Median	774.3			6,606.0			29.5			160.0				
Median Abs Dev	94.3			364.0			21.2			21.3				
Avg Within Lab SD	40.8			346.3			14.3			13.8				
Labs Included	17			17			16			17				
Labs Reporting	18			17			17			18				



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NO3 - N ISE (SubTestCode 203)													Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	930.9	-0.4	0.6	6,875.7	0.0	0.1	5.6	-1.3	0.0	254.9	-0.5	0.0		
49UBX3	1,004.7	0.0	1.5	7,123.3	0.3	1.7	7.7	-1.3	1.0	232.7	-0.8	0.7		
6VMYML	897.5	-0.5	1.4	6,419.0	-0.6	0.1	83.0	0.1	0.7	299.1	0.0	0.4		
9QJCF2	1,464.1	2.3	0.6	8,503.6	2.2	1.4	76.2	0.0	0.5	413.5	1.4	1.6		
9UGTRV	1,046.7	0.2	0.4	6,660.0	-0.3	0.2	107.0	0.6	1.8	347.7	0.6	1.4		

NO3 - N ISE (SubTestCode 203)													Data units: mg/kg	
	SRB1609			SRB1610			SRB1611			SRB1612				
Grand Median	1,004.7			6,875.7			76.2			299.1				
Median Abs Dev	73.8			247.6			30.8			48.6				
Avg Within Lab SD	32.7			196.0			6.7			7.4				
Labs Included	5			5			5			5				
Labs Reporting	5			5			5			5				



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NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4PHQYE	784.8		0.6	6,656.5		0.4				127.8	0.7
BXC42Z	775.0		1.2	6,365.7		1.7				153.0	0.7
K7QAQ2	1,015.3		0.2	7,211.3		0.8	148.1		0.7	2,214.6	1.6
RQRV9K	1,656.6		1.5	6,638.6		0.5	230.5		1.2	231.0	0.8

NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg	
	SRB1609			SRB1610			SRB1611			SRB1612	
Grand Median		900.1			6,647.5			189.3			192.0
Median Abs Dev											
Avg Within Lab SD		40.9			135.4			20.8			29.9
Labs Included		4			4			2			4
Labs Reporting		4			4			2			4



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NH4-N (SubTestCode 205)										Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
JM74P7	441.7		0.8	53.3		0.4	74.3		1.7	44.3	0.4
RNM9TV	525.6		1.8	60.9		0.9				123.4	1.9
RQRV9K	7.8		0.0	20.9		1.8	7.7		0.1	6.8	0.5
U6NKLW	0.0		0.0	0.0		0.0	0.0		0.0	0.0	0.0

NH4-N (SubTestCode 205)										Data units: mg/kg	
	SRB1609			SRB1610			SRB1611			SRB1612	
Grand Median	224.7			37.1			7.70			25.6	
Median Abs Dev											
Avg Within Lab SD	9.8			3.7			1.76			1.5	
Labs Included	4			4			3			4	
Labs Reporting	4			4			3			4	



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PO4 - P (SubTestCode 206)													Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	3,047.6	0.7	0.1	1,091.7	0.2	0.1	333.0	0.1	1.2	933.0	0.6	0.3		
2XKVZJ	2,783.3	0.0	0.3	831.7	-1.3	0.5	170.3	-1.0	0.4	620.0	-1.5	0.3		
33UR4K	2,406.0	-0.9	0.1	870.3	-1.1	0.6	211.0	-0.7	1.0	737.7	-0.7	0.9		
9PQEAF	2,886.7	0.3	0.5	1,040.0	-0.1	0.3	223.1	-0.6	0.4	845.2	0.0	0.3		
9QJCF2	2,440.0	-0.8	1.6	1,154.7	0.5	2.3	534.0	1.4	2.0	836.0	0.0	0.8		
ERD28B	2,645.3	-0.3	0.1	963.0	-0.5	0.2	347.0	0.2	0.3	751.0	-0.6	0.1		
JM74P7	3,358.7	1.5	0.5	1,455.7	2.1	0.2	449.7	0.9	0.5	966.3	0.9	0.3		
K7QAQ2	2,136.9	-1.6	0.1	1,079.4	0.1	0.1	306.1	-0.1	0.3	752.0	-0.6	0.1		
NDX9NV	3,413.0	1.6	0.2	1,174.7	0.6	0.6	408.3	0.6	1.2	1,065.3	1.5	1.0		
WCXZYA	2,769.0	0.0	0.4	1,219.0	0.8	0.4	479.7	1.1	1.7	870.3	0.2	0.7		
XR87NE	2,683.0	-0.2	1.0	938.6	-0.7	1.1	154.3	-1.1	0.7	673.5	-1.1	0.8		
YK4JB6	2,820.0	0.1	2.7	1,047.0	-0.1	2.0	263.0	-0.4	0.4	867.3	0.2	2.8		

PO4 - P (SubTestCode 206)					Data units: mg/kg	
	SRB1609	SRB1610	SRB1611	SRB1612		
Grand Median	2,776.2	1,063.2	319.5	840.6		
Median Abs Dev	201.2	105.8	102.5	91.0		
Avg Within Lab SD	131.2	89.1	23.1	60.3		
Labs Included	12	12	12	12		
Labs Reporting	12	12	12	12		



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SO4 - S (SubTestCode 207)										Data units: mg/kg
WebCode	SRB1609			SRB1610			SRB1611			SRB1612
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	909.5		1.5	304.2		1.4	112.2		0.0	424.9 0.0
6VMYML	910.9		0.8	394.9		0.8	271.4		1.1	1,123.9 1.5
JM74P7	856.3		0.2	372.0		0.5	335.7		1.3	912.0 0.8
SO4 - S (SubTestCode 207)										Data units: mg/kg
	SRB1609			SRB1610			SRB1611			SRB1612
Grand Median	909.5			372.0			271.4			912.0
Median Abs Dev										
Avg Within Lab SD	34.8			21.7			10.2			19.1
Labs Included	3			3			3			3
Labs Reporting	3			3			3			3



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CI (SubTestCode 208)													Data units: Percent	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	0.47	0.26	0.21	1.04	0.43	0.00	0.08	0.37	0.00	0.15	0.03	0.00		
2XKVZJ	0.42	-0.21	0.10	0.89	-0.20	0.69	0.02	-0.19	0.00	0.08	-0.42	0.09		
4PHQYE	0.06	-3.02	0.01	0.06	-3.52	0.25	0.04	-0.04	0.15	0.04	-0.74	0.05		
6PY2EX	0.45	0.07	0.00	0.98	0.16	1.62	0.06	0.16	0.17	0.14	-0.03	1.18		
8VFE7W	0.58	1.07	1.64	0.88	-0.21	0.32	0.03	-0.11	0.02	0.34	1.31	0.25		
9PQEAF	0.50	0.49	1.09	0.97	0.12	1.64	0.06	0.23	2.37	0.33	1.29	2.89		
9QJCF2	0.49	0.39	0.49	0.97	0.12	0.62	1.25	11.69X	7.38	0.31	1.12	1.96		
ACHTLG	0.51	0.52	0.38	1.06	0.51	0.98	0.08	0.38	0.15	0.17	0.20	0.18		
BQR7BR	0.54	0.80	0.85	0.98	0.16	0.65	0.04	0.00	0.00	0.43	1.96	0.34		
BXC42Z	0.43	-0.07	0.20	0.90	-0.16	0.25	0.04	0.03	0.17	0.11	-0.24	0.00		
JM74P7	0.33	-0.88	0.90	0.66	-1.10	2.02	0.02	-0.23	0.34	0.08	-0.44	0.90		
QDVZWM	0.41	-0.26	0.02	0.91	-0.12	0.31				0.08	-0.42	0.05		
RBM6QP	18.85	145.69X	35.08	37.83	148.82X	30.57	0.86	7.92	2.84	5.15	34.35X	7.38		
RNM9TV	0.42	-0.14	0.23	0.97	0.15	0.80	0.02	-0.23	0.01	0.09	-0.38	0.02		
RQRV9K	0.19	-1.99	3.13	0.12	-3.28	0.27	0.04	-0.04	0.98	0.33	1.29	0.68		
U6NKLW	0.40	-0.30	0.39	0.83	-0.43	0.85	0.03	-0.06	0.34	0.12	-0.20	0.72		
YK4JB6	0.48	0.33	0.31	0.97	0.12	1.62	0.05	0.11	0.02	0.25	0.70	0.64		

CI (SubTestCode 208)													Data units: Percent	
	SRB1609			SRB1610			SRB1611			SRB1612				
Grand Median	0.44			0.94			0.040			0.14				
Median Abs Dev	0.05			0.05			0.017			0.06				
Avg Within Lab SD	0.03			0.02			0.034			0.03				
Labs Included	16			16			15			16				
Labs Reporting	17			17			16			17				



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TKN (SubTestCode 209)													Data units: Percent	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	0.89	0.00	0.08	1.11	0.00	0.09	1.82	-0.15	0.24	2.08	-0.70	0.25		
9PQEAF	0.85	-0.31	0.26	1.05	-0.37	1.10	1.88	0.13	1.03	2.24	0.00	0.42		
BN6QHC	0.87	-0.11	0.59	0.92	-1.17	1.04	1.83	-0.12	0.59	2.22	-0.11	0.75		
EUZK99	0.99	0.99	0.16	1.27	0.97	0.32	2.09	1.03	0.25	2.43	0.81	0.45		
NDX9NV	0.53	-3.27	1.88	1.01	-0.59	2.40	1.16	-3.01	1.10	1.37	-3.72	0.81		
RNM9TV	0.92	0.30	0.23	1.24	0.76	0.44	2.03	0.78	0.25	2.31	0.29	0.53		
TMPAXU	0.90	0.10	2.15	1.09	-0.15	0.42	2.04	0.81	2.46	2.28	0.17	2.61		
YK4JB6	0.98	0.90	0.33	1.40	1.75	0.63	1.85	0.00	0.17	2.28	0.14	0.21		
YM8EU9	0.88	-0.09	0.47	1.16	0.30	0.25	1.84	-0.04	0.35	2.21	-0.13	0.45		
TKN (SubTestCode 209)													Data units: Percent	
	SRB1609			SRB1610			SRB1611			SRB1612				
Grand Median	0.89			1.11			1.85			2.24				
Median Abs Dev	0.03			0.10			0.04			0.04				
Avg Within Lab SD	0.04			0.04			0.07			0.06				
Labs Included	9			9			9			9				
Labs Reporting	9			9			9			9				



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N- Dry Comb. (SubTestCode 210)

Data units: Percent

WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	0.97	0.28	0.24	1.44	0.26	0.39	2.05	1.56	0.39	2.36	0.69	0.29
2XKVZJ	0.99	0.55	0.35	1.48	0.58	0.71	1.95	0.65	0.22	2.35	0.63	0.17
33UR4K	0.94	0.01	0.77	1.43	0.22	0.78	1.88	0.04	0.97	2.25	-0.10	0.73
49UBX3	0.91	-0.35	0.30	1.41	0.04	1.64	1.82	-0.43	1.11	2.26	-0.05	1.05
4PHQYE	0.90	-0.41	0.84	1.33	-0.57	0.18	1.87	-0.04	0.28	2.27	0.00	0.22
6PY2EX	1.13	2.03	1.61	1.52	0.86	2.13	2.01	1.23	1.24	2.40	0.97	1.91
6VMYML	0.95	0.03	0.43	1.49	0.67	0.42	1.88	0.10	0.82	2.19	-0.57	0.43
8VFE7W	0.96	0.23	0.47	1.42	0.12	0.36	1.85	-0.23	0.44	2.25	-0.10	1.18
97TX4X	3.34	25.97X		3.42	15.46X		3.44	13.71X		3.51	9.11X	1.05
9DUCMD	0.91	-0.39	0.93	1.38	-0.22	1.36	1.83	-0.34	0.80	2.20	-0.49	0.29
9JEBE8	0.88	-0.69	0.40	1.12	-2.15	1.38	1.85	-0.21	1.37	2.19	-0.59	0.44
9QJCF2	0.86	-0.93	2.57	1.42	0.12	0.48	1.85	-0.22	1.00	2.27	0.05	0.82
9UGTRV	0.61	-3.64	0.63	1.11	-2.29	1.13	1.62	-2.21	1.02	2.08	-1.35	1.10
ACHTLG	0.96	0.19	0.30	1.41	0.01	0.12	2.07	1.76	0.44	2.38	0.85	0.17
BQR7BR	1.08	1.45	1.68	1.74	2.55	2.05	1.94	0.62	0.22	2.40	0.95	1.10
BXC42Z	1.00	0.62	0.30	1.49	0.68	0.31	1.91	0.33	0.38	2.32	0.41	0.17
DTP4W6	0.95	0.08	0.30	1.40	-0.01	0.52	1.91	0.30	0.22	2.31	0.34	0.61
ERD28B	0.92	-0.22	0.13	1.39	-0.12	0.31	1.91	0.32	0.15	2.33	0.43	0.17
F3AB9Q	0.89	-0.60	0.35	1.37	-0.29	0.12	1.81	-0.52	0.22	2.22	-0.35	0.29
FNPW7R	0.86	-0.85	0.29	1.28	-0.92	0.17	1.82	-0.48	0.23	2.22	-0.31	0.09
JM74P7	0.94	-0.03	0.53	1.24	-1.29	0.72	1.84	-0.31	2.12	2.41	1.07	0.67
JVDQTZ	3.49	27.57X	0.22	6.50	39.13X	0.49	3.04	10.22X	1.57	1.97	-2.17	0.39
MNZ9NU	0.94	-0.01	1.05	1.41	0.06	0.54	1.85	-0.23	0.12	2.25	-0.12	0.25
NQPTDY	1.04	1.07	0.21	1.53	0.99	0.34	2.15	2.41	1.35	2.46	1.42	1.02
R6WUGR	0.96	0.15	0.35	1.42	0.14	0.43	1.91	0.30	0.22	2.31	0.31	0.29
RBM6QP	0.92	-0.21	0.35	1.35	-0.43	0.31	1.89	0.13	0.30	2.25	-0.13	0.24



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N- Dry Comb. (SubTestCode 210)													Data units: Percent
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RNM9TV	0.97	0.27	0.13	1.47	0.49	0.51	1.99	1.06	0.77	2.27	0.05	0.55	
RQRV9K	0.92	-0.28	0.88	1.36	-0.32	2.80	1.81	-0.55	3.52	2.72	3.34	3.64	
U6NKLW	1.01	0.73	2.91	1.29	-0.88	0.20	1.86	-0.08	0.59	2.23	-0.25	1.02	
WCXZYA	0.73	-2.26	1.76	1.13	-2.08	1.18	1.70	-1.51	0.00	2.13	-0.98	1.68	
XR87NE	0.81	-1.45	0.15	1.33	-0.55	0.66	1.72	-1.33	0.38	2.14	-0.96	0.89	
YM8EU9	0.96	0.22	0.26	1.36	-0.33	0.05	1.96	0.74	0.29	2.39	0.87	0.18	

N- Dry Comb. (SubTestCode 210)					Data units: Percent
	SRB1609	SRB1610	SRB1611	SRB1612	
Grand Median	0.94	1.41	1.87	2.27	
Median Abs Dev	0.03	0.06	0.04	0.07	
Avg Within Lab SD	0.03	0.05	0.03	0.03	
Labs Included	30	30	30	31	
Labs Reporting	32	32	32	32	



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S- Dry Comb. (SubTestCode 211)										Data units: Percent	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2XKVZJ	0.167		1.147	0.073		1.296	0.183		1.162	0.283	1.236
ENPW7R	0.125		0.827	0.056		0.565	0.150		0.805	0.186	0.688
S- Dry Comb. (SubTestCode 211)										Data units: Percent	
	SRB1609			SRB1610			SRB1611			SRB1612	
Grand Median	0.15			0.065			0.17			0.23	
Median Abs Dev											
Avg Within Lab SD	0.01			0.004			0.00			0.00	
Labs Included	2			2			2			2	
Labs Reporting	2			2			2			2	



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P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	0.39	0.31	0.05	0.15	0.04	0.17	0.33	0.45	0.36	0.14	0.28	0.06
33UR4K	0.38	0.00	0.48	0.15	-0.09	0.28	0.31	-0.29	0.38	0.13	-0.50	0.21
49UBX3	0.39	0.28	0.22	0.15	-0.22	0.70	0.32	0.05	0.22	0.14	-0.20	0.11
4PHQYE	0.40	0.48	0.07	0.15	0.12	0.21	0.33	0.31	0.14	0.14	0.13	0.12
4R8WJB	0.39	0.32	0.17	0.15	-0.14	0.66	0.30	-0.54	0.17	0.15	0.28	0.18
6PY2EX	0.38	0.17	0.63	0.15	-0.02	0.00	0.30	-0.37	0.72	0.15	0.37	0.61
8VFE7W	0.39	0.34	0.41	0.15	0.15	0.77	0.33	0.37	0.63	0.14	0.19	0.61
97TX4X	0.39	0.42		0.16	0.68		0.34	0.55		0.14	0.27	0.11
9DUCMD	0.40	0.67	0.24	0.16	0.66	0.77	0.34	0.55	0.96	0.15	0.37	0.61
9JEBE8	0.35	-0.72	0.06	0.13	-1.01	0.21	0.29	-0.67	0.04	0.11	-1.72	0.05
9PQEAF	0.36	-0.50	0.38	0.15	0.00	1.54	0.32	0.04	0.97	0.15	0.39	0.91
9QJCF2	0.35	-0.66	0.48	0.14	-0.68	1.06	0.28	-1.08	0.51	0.13	-0.78	0.42
ACHTLG	0.40	0.66	0.19	0.17	0.77	0.41	0.35	0.87	0.69	0.15	0.41	0.37
BN6QHC	0.36	-0.34	0.63	0.15	-0.19	0.77	0.31	-0.28	0.36	0.13	-0.37	1.21
BQR7BR	0.40	0.50	1.56	0.15	0.15	0.77	0.34	0.55	0.96	0.14	0.00	1.05
BXC42Z	0.35	-0.59	0.24	0.14	-0.53	0.00	0.30	-0.46	0.00	0.12	-1.12	0.00
DTP4W6	0.39	0.34	0.41	0.14	-0.36	0.77	0.32	0.00	0.36	0.13	-0.37	1.21
ERD28B	0.38	0.17	0.23	0.15	0.10	0.15	0.33	0.41	0.38	0.14	0.13	0.50
EUZK99	0.31	-1.60	1.26	0.13	-1.21	0.77	0.29	-0.74	1.08	0.12	-0.93	0.61
F3AB9Q	0.37	-0.14	0.11	0.14	-0.34	0.20	0.30	-0.35	0.23	0.14	-0.21	0.06
F82HRY	0.41	0.95	0.29	0.17	1.14	1.09	0.34	0.62	2.17	0.15	0.34	0.10
FJWRE9	0.36	-0.37	1.47	0.17	1.02	3.54	0.30	-0.38	1.69	0.13	-0.43	0.61
FNPW7R	0.34	-0.83	0.56	0.13	-0.83	0.21	0.30	-0.51	0.53	0.13	-0.74	0.23
JM74P7	0.34	-0.84	1.67	0.19	2.20	1.54	0.35	0.83	1.58	0.12	-0.93	3.37
JVDQTZ	0.34	-0.83	0.35	0.58	21.98X	1.76	0.21	-3.08	0.15	0.19	2.89	0.12
MNZ9NU	0.53	3.82	4.26	0.17	1.11	0.23	0.37	1.54	0.34	0.16	1.29	0.36



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P (SubTestCode 212) in the Wet Digestion Property Groups Data units: Percent

WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NDX9NV	0.37	-0.23	0.77	0.15	0.12	0.98	0.32	-0.01	1.92	0.13	-0.42	3.66
NQPTDY	0.44	1.51	0.06	0.17	0.85	0.21	0.38	1.75	0.17	0.16	1.23	0.16
NZA2V2	0.40	0.47	0.17	0.16	0.31	0.91	0.33	0.32	0.22	0.14	0.22	0.64
RBM6QP	0.40	0.67	0.27	0.16	0.65	0.62	0.33	0.38	0.40	0.13	-0.41	0.32
RNM9TV	0.42	1.05	0.14	0.17	0.96	0.17	0.37	1.38	0.31	0.15	0.73	0.03
RQRV9K	0.65	6.82X	1.26	0.22	3.56	1.33	0.56	6.81X	1.91	0.22	4.48X	0.00
TMPAXU	0.36	-0.42	0.41	0.15	-0.02	1.33	0.29	-0.74	1.25	0.16	1.12	1.05
U6NKLW	0.35	-0.71	1.81	0.12	-1.33	1.94	0.27	-1.26	1.99	0.13	-0.41	0.86
WCXZYA	0.36	-0.50	1.26	0.12	-1.38	0.77	0.30	-0.46	1.66	0.11	-1.68	0.00
XR87NE	0.29	-2.21	0.70	0.12	-1.62	0.20	0.26	-1.57	0.09	0.11	-1.62	0.30
YK4JB6	0.37	-0.23	0.19	0.14	-0.29	1.11	0.27	-1.20	2.60	0.12	-0.95	1.09
YM8EU9	0.37	-0.11	0.02	0.15	-0.14	0.20	0.32	0.02	0.07	0.15	0.52	0.06

P (SubTestCode 212) in the Wet Digestion Property Groups Data units: Percent

	SRB1609	SRB1610	SRB1611	SRB1612
Grand Median	0.38	0.15	0.32	0.14
Median Abs Dev	0.02	0.01	0.02	0.01
Avg Within Lab SD	0.02	0.01	0.02	0.01
Labs Included	37	37	37	37
Labs Reporting	38	38	38	38



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	2.57	0.66	0.30	3.98	0.54	0.13	0.54	0.16	0.18	1.21	0.75	0.43
33UR4K	2.30	-0.37	0.28	3.73	-0.08	0.18	0.49	-0.45	0.37	1.11	-0.25	0.38
49UBX3	2.42	0.08	0.41	3.69	-0.20	0.71	0.53	0.02	0.24	1.13	-0.03	0.12
4PHQYE	2.50	0.39	0.22	3.95	0.48	0.76	0.57	0.51	0.15	1.25	1.08	0.87
4R8WJB	2.40	0.00	0.37	3.77	0.00	0.44	0.48	-0.49	0.24	1.12	-0.09	0.14
6PY2EX	2.45	0.21	0.35	3.87	0.25	0.66	0.57	0.48	0.46	1.17	0.35	1.78
8VFE7W	2.62	0.85	0.44	4.15	0.98	0.36	0.60	0.83	0.63	1.24	1.01	0.65
97TX4X	2.30	-0.40		3.88	0.29		0.52	0.00		1.10	-0.35	0.12
9DUCMD	2.33	-0.27	0.39	3.54	-0.57	0.32	0.48	-0.48	0.17	1.13	-0.03	1.31
9JEBE8	2.33	-0.28	0.07	3.71	-0.15	0.78	0.52	-0.02	0.63	1.13	0.00	0.07
9PQEAF	2.19	-0.82	0.75	3.55	-0.54	0.04	0.61	0.98	0.52	1.07	-0.59	0.49
9QJCF2	2.12	-1.10	0.90	3.47	-0.75	1.30	0.40	-1.45	0.94	1.03	-1.00	0.71
ACHTLG	2.44	0.17	0.21	4.09	0.83	0.18	0.56	0.40	0.30	1.18	0.44	0.25
BN6QHC	2.30	-0.39	0.70	3.77	0.00	0.41	0.50	-0.29	0.52	1.07	-0.62	1.43
BQR7BR	2.69	1.11	1.47	4.16	0.99	2.10	0.72	2.29	3.38	1.30	1.54	0.51
BXC42Z	2.41	0.03	0.11	3.68	-0.21	0.08	0.51	-0.17	0.52	1.14	0.03	0.51
DTP4W6	2.41	0.04	0.30	3.62	-0.37	0.76	0.41	-1.29	0.46	1.09	-0.37	2.64
ERD28B	2.10	-1.16	0.52	3.38	-0.99	0.19	0.47	-0.67	0.90	1.09	-0.40	1.01
EUZK99	2.31	-0.36	0.89	3.33	-1.10	2.33	0.52	-0.06	0.80	1.03	-1.00	0.38
F3AB9Q	2.39	-0.03	0.11	3.73	-0.10	0.29	0.49	-0.36	0.35	1.14	0.03	0.79
F82HRY	2.40	-0.01	0.28	4.11	0.87	0.92	0.51	-0.14	1.61	1.09	-0.37	0.62
FJWRE9	2.32	-0.31	1.16	4.23	1.18	3.01	0.54	0.20	1.05	1.09	-0.40	1.08
FNPW7R	2.64	0.92	0.42	4.08	0.79	0.53	0.53	0.07	0.47	1.23	0.88	0.59
JM74P7	2.05	-1.34	0.63	3.24	-1.33	0.29	0.68	1.79	2.27	1.06	-0.65	1.49
JVDQTZ	3.72	5.10X	0.60	6.72	7.52X	1.42	8.43	91.25X	5.38	3.71	24.20X	0.81
MNZ9NU	3.22	3.15	4.14	4.30	1.36	0.60	0.60	0.92	0.17	1.34	1.92	0.30



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K (SubTestCode 213) in the Wet Digestion Property Groups Data units: Percent

WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NDX9NV	2.56	0.64	0.15	3.95	0.46	0.78	0.47	-0.65	0.82	1.15	0.19	1.41
NQPTDY	2.61	0.80	0.06	4.15	0.98	0.04	0.51	-0.20	0.17	1.17	0.38	0.14
NZA2V2	2.49	0.35	0.28	4.06	0.75	1.06	0.55	0.32	0.17	1.15	0.16	0.25
RBM6QP	2.79	1.51	0.38	4.67	2.30	0.77	0.61	0.98	0.22	1.33	1.83	0.85
RNM9TV	2.73	1.27	0.22	4.39	1.59	0.25	0.59	0.74	0.23	1.24	0.97	0.21
RQRV9K	3.44	4.03	1.30	4.18	1.05	1.13	0.93	4.71	1.66	1.64	4.76	0.43
TMPAXU	2.34	-0.24	0.90	3.73	-0.09	0.57	0.51	-0.13	0.63	1.07	-0.56	1.36
U6NKLW	2.32	-0.31	1.57	3.76	-0.01	1.71	0.48	-0.50	1.02	1.16	0.21	1.44
WCXZYA	2.23	-0.64	1.07	3.37	-1.02	0.41	0.47	-0.67	1.74	1.03	-0.94	1.43
XR87NE	2.37	-0.13	0.77	3.70	-0.17	0.28	0.56	0.45	0.44	1.13	-0.07	0.88
YK4JB6	2.39	-0.03	1.92	3.43	-0.87	1.76	0.44	-0.93	1.50	1.08	-0.49	1.87
YM8EU9	2.55	0.58	0.22	4.03	0.68	0.09	0.54	0.14	0.35	1.15	0.20	0.12

K (SubTestCode 213) in the Wet Digestion Property Groups Data units: Percent

	SRB1609	SRB1610	SRB1611	SRB1612
Grand Median	2.40	3.77	0.52	1.13
Median Abs Dev	0.10	0.27	0.04	0.04
Avg Within Lab SD	0.14	0.14	0.03	0.04
Labs Included	37	37	37	37
Labs Reporting	38	38	38	38



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Ca (SubTestCode 214) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	1.58	0.00	0.01	0.32	-0.33	0.02	0.05	-0.27	0.14	4.20	0.36	0.15
33UR4K	1.53	-0.26	0.23	0.33	0.00	0.05	0.07	0.29	0.30	4.04	-0.02	0.29
49UBX3	1.65	0.40	0.51	0.34	0.13	0.41	0.07	0.20	2.15	4.00	-0.11	0.16
4PHQYE	1.64	0.36	0.22	0.34	0.18	0.19	0.07	0.18	0.19	4.40	0.79	0.04
4R8WJB	1.45	-0.75	0.19	0.28	-1.12	0.13	0.05	-0.47	0.20	3.83	-0.48	0.16
6PY2EX	1.67	0.53	1.33	0.34	0.21	0.20	0.06	0.04	0.66	4.11	0.15	1.02
8VFE7W	1.69	0.67	0.23	0.35	0.35	0.35	0.06	-0.06	0.00	4.49	1.02	0.51
97TX4X	1.50	-0.47		0.33	0.03		0.22	4.47		3.96	-0.19	0.16
9DUCMD	1.60	0.13	0.22	0.33	0.00	0.54	0.05	-0.25	0.66	4.04	-0.02	0.20
9JEBE8	1.58	0.04	0.13	0.33	-0.10	0.61	0.05	-0.20	0.26	4.35	0.70	0.04
9PQEAF	1.48	-0.56	0.25	0.40	1.46	1.08	0.13	2.05	1.75	3.97	-0.17	0.40
9QJCF2	1.39	-1.10	1.24	0.31	-0.59	0.78	0.07	0.25	0.13	3.73	-0.71	0.21
ACHTLG	1.59	0.07	0.31	0.40	1.40	0.09	0.12	1.57	1.74	4.39	0.77	0.35
BN6QHC	1.57	-0.07	1.27	0.31	-0.41	0.20	0.06	-0.19	0.70	3.93	-0.25	1.87
BQR7BR	1.81	1.37	1.78	0.36	0.56	0.00	0.10	1.09	2.29	4.46	0.94	0.70
BXC42Z	1.48	-0.56	0.06	0.30	-0.69	0.00	0.05	-0.34	0.00	3.94	-0.23	0.12
DTP4W6	1.52	-0.32	0.17	0.28	-1.04	0.20	0.02	-1.20	0.00	3.82	-0.51	0.76
ERD28B	1.63	0.27	0.28	0.33	0.03	0.18	0.07	0.09	0.34	4.38	0.75	1.19
EUZK99	1.90	1.88	2.13	0.43	1.94	4.69	0.05	-0.34	3.02	4.13	0.20	2.05
F82HRY	1.53	-0.28	0.38	0.33	-0.09	0.50	0.05	-0.24	0.27	3.07	-2.20	4.01
FJWRE9	1.42	-0.93	0.86	0.31	-0.45	0.44	0.08	0.44	1.38	3.69	-0.81	0.65
FNPW7R	1.41	-0.98	0.63	0.28	-1.02	0.25	0.05	-0.37	0.24	3.72	-0.74	0.08
JM74P7	1.74	0.94	0.19	0.52	3.88	0.93	0.19	3.77	1.32	4.16	0.25	0.20
JVDQTZ	0.35	-7.20X	0.09	2.35	41.88X	1.08	1.55	42.55X	2.57	0.36	-8.32X	0.04
MNZ9NU	2.13	3.21	3.94	0.36	0.55	0.36	0.06	-0.11	0.26	4.72	1.53	0.28
NDX9NV	1.62	0.22	0.77	0.30	-0.70	0.78	0.02	-1.27	1.04	4.43	0.87	1.02



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Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
NQPTDY	1.82	1.39	0.01	0.33	0.00	0.09	0.06	0.05	0.07	4.67	1.42	0.08		
NZA2V2	1.61	0.18	0.22	0.33	-0.03	0.70	0.05	-0.23	0.14	4.17	0.28	0.35		
RBM6QP	1.76	1.04	0.70	0.39	1.16	0.40	0.07	0.31	0.23	4.80	1.70	0.24		
RNM9TV	1.66	0.49	0.15	0.35	0.25	0.15	0.06	-0.04	0.09	4.23	0.42	0.15		
RQRV9K	3.85	13.28X	1.26	0.47	2.91	0.54	0.11	1.38	1.14	8.14	9.25X	2.01		
TMPAXU	1.29	-1.69	0.33	0.32	-0.21	1.47	0.08	0.42	0.66	3.28	-1.73	0.61		
U6NKLW	1.53	-0.30	1.32	0.29	-0.82	0.68	0.05	-0.29	0.58	4.36	0.72	0.98		
WCXZYA	1.53	-0.26	0.63	0.33	0.00	2.03	0.10	1.09	0.00	3.73	-0.70	0.26		
XR87NE	1.30	-1.65	0.46	0.31	-0.40	0.39	0.07	0.13	0.16	3.38	-1.50	0.43		
YK4JB6	1.55	-0.19	0.38	0.31	-0.49	0.20	0.05	-0.36	1.02	3.88	-0.36	1.57		
YM8EU9	1.57	-0.05	0.08	0.30	-0.73	0.11	0.05	-0.24	0.07	4.04	0.00	0.07		

Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent	
	SRB1609			SRB1610			SRB1611			SRB1612				
Grand Median	1.58			0.33			0.062			4.04				
Median Abs Dev	0.08			0.02			0.010			0.31				
Avg Within Lab SD	0.09			0.03			0.009			0.22				
Labs Included	35			36			36			35				
Labs Reporting	37			37			37			37				



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Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	0.55	-0.18	0.11	0.24	0.18	0.02	0.22	0.08	0.12	0.37	0.43	0.22		
33UR4K	0.53	-0.52	0.45	0.23	-0.37	0.36	0.20	-0.44	0.32	0.34	-0.49	0.21		
49UBX3	0.54	-0.29	0.35	0.21	-1.04	0.43	0.20	-0.50	0.20	0.34	-0.48	0.13		
4PHQYE	0.59	0.56	0.30	0.24	0.31	0.31	0.23	0.57	0.33	0.39	1.12	0.53		
4R8WJB	0.57	0.22	0.29	0.22	-0.66	0.33	0.20	-0.65	0.21	0.36	0.23	0.30		
6PY2EX	0.61	0.90	1.23	0.24	0.33	0.42	0.21	-0.05	0.78	0.37	0.50	1.06		
8VFE7W	0.62	1.03	1.55	0.24	0.01	0.42	0.25	1.37	0.39	0.38	0.70	0.51		
97TX4X	0.55	-0.20		0.24	0.02		0.22	0.05		0.36	-0.01	0.13		
9DUCMD	0.55	-0.19	0.31	0.22	-0.79	0.00	0.20	-0.64	0.39	0.35	-0.10	0.29		
9JEBE8	0.55	-0.12	0.16	0.22	-0.57	0.65	0.21	-0.19	0.64	0.36	0.12	0.15		
9PQEAF	0.53	-0.50	0.35	0.25	0.48	1.10	0.21	-0.17	0.00	0.35	-0.10	0.78		
9QJCF2	0.47	-1.62	0.83	0.20	-1.86	0.83	0.16	-2.04	0.85	0.31	-1.47	0.12		
ACHTLG	0.58	0.30	0.14	0.26	1.09	0.27	0.24	0.73	0.16	0.38	0.73	0.18		
BN6QHC	0.54	-0.37	0.31	0.22	-0.63	0.42	0.20	-0.52	0.00	0.33	-0.70	1.06		
BQR7BR	0.62	1.03	1.42	0.24	0.01	0.42	0.24	0.78	1.55	0.38	0.60	0.78		
BXC42Z	0.54	-0.31	0.18	0.22	-0.79	0.00	0.20	-0.52	0.00	0.32	-1.00	0.29		
DTP4W6	0.54	-0.37	0.31	0.21	-1.10	0.42	0.18	-1.24	0.00	0.32	-1.00	1.06		
ERD28B	0.59	0.48	0.11	0.24	0.21	0.19	0.22	0.35	0.34	0.39	0.88	0.58		
EUZK99	0.59	0.48	0.35	0.24	0.33	0.42	0.22	0.19	0.67	0.32	-1.00	3.27		
F82HRY	0.56	-0.05	0.94	0.24	-0.01	0.69	0.20	-0.41	1.79	0.34	-0.39	1.16		
FJWRE9	0.52	-0.67	0.96	0.24	0.07	1.74	0.21	-0.14	0.74	0.34	-0.63	0.60		
FNPW7R	0.54	-0.44	0.63	0.23	-0.49	0.25	0.21	0.00	0.31	0.33	-0.71	0.10		
JM74P7	0.58	0.36	0.81	0.23	-0.47	2.74	0.25	1.14	0.39	0.39	0.90	1.79		
JVDQTZ	0.16	-7.37X	0.10	0.58	16.25X	0.45	0.91	24.78X	0.72	0.29	-1.90	0.05		
MNZ9NU	0.73	3.04	3.66	0.26	0.96	0.22	0.24	0.72	0.36	0.41	1.69	0.28		
NDX9NV	0.62	1.15	1.02	0.25	0.55	1.03	0.23	0.47	2.01	0.40	1.16	1.08		



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Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
NQPTDY	0.60	0.75	0.01	0.25	0.69	0.20	0.24	1.01	0.13	0.38	0.78	0.17		
NZA2V2	0.57	0.17	0.22	0.23	-0.15	0.67	0.21	0.00	0.10	0.36	0.03	0.40		
RBM6QP	0.67	2.05	0.15	0.29	2.54	0.55	0.25	1.42	0.03	0.42	2.03	0.26		
RNM9TV	0.61	0.85	0.18	0.24	0.40	0.12	0.23	0.50	0.20	0.37	0.33	0.03		
RQRV9K	0.44	-2.14	0.18	0.26	0.96	0.42	0.27	2.09	0.78	0.34	-0.50	0.00		
TMPAXU	0.54	-0.37	2.22	0.27	1.59	3.82	0.27	1.85	3.70	0.36	0.00	2.89		
U6NKLW	0.54	-0.33	1.33	0.21	-1.05	1.04	0.19	-0.98	0.76	0.36	0.03	1.17		
WCXZYA	0.57	0.23	1.69	0.21	-1.26	1.45	0.20	-0.41	1.55	0.35	-0.30	1.06		
XR87NE	0.48	-1.47	0.51	0.21	-1.32	0.12	0.19	-0.89	0.09	0.31	-1.25	0.49		
YK4JB6	0.56	0.05	0.18	0.22	-0.63	0.15	0.19	-0.92	2.04	0.34	-0.43	1.38		
YM8EU9	0.59	0.49	0.11	0.23	-0.36	0.13	0.22	0.25	0.14	0.37	0.25	0.13		

Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent	
	SRB1609			SRB1610			SRB1611			SRB1612				
Grand Median	0.56			0.24			0.21			0.36				
Median Abs Dev	0.03			0.01			0.01			0.02				
Avg Within Lab SD	0.03			0.01			0.01			0.02				
Labs Included	36			36			36			37				
Labs Reporting	37			37			37			37				



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S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	0.145	0.259	0.054	0.074	-0.168	0.000	0.156	0.343	0.126	0.244	0.222	0.095
33UR4K	0.140	0.017	0.362	0.068	-0.592	0.129	0.130	-0.637	0.336	0.251	0.407	0.313
49UBX3	0.130	-0.510	0.219	0.067	-0.682	0.448	0.140	-0.254	0.281	0.211	-0.733	0.134
4PHQYE	0.127	-0.668	0.188	0.065	-0.881	0.217	0.136	-0.416	0.071	0.213	-0.687	0.215
4R8WJB	0.143	0.168	0.502	0.083	0.529	0.672	0.147	0.000	0.560	0.237	0.000	1.028
6PY2EX	0.147	0.335	1.004	0.073	-0.225	0.672	0.137	-0.382	0.560	0.230	-0.194	1.541
8VFE7W	0.143	0.168	0.502	0.077	0.026	0.672	0.153	0.255	0.560	0.237	0.000	0.514
97TX4X	0.138	-0.095		0.076	0.000		0.146	-0.012		0.225	-0.352	0.134
9DUCMD	0.130	-0.503	1.506	0.077	0.026	0.672	0.150	0.127	0.971	0.217	-0.582	2.055
9JEBE8	0.136	-0.194	0.350	0.063	-1.017	0.457	0.118	-1.102	0.343	0.291	1.572	0.148
9PQEAF	0.140	0.000	1.506	0.070	-0.476	0.000	0.147	0.000	0.560	0.220	-0.485	0.890
9QJCF2	0.128	-0.587	0.502	0.063	-1.029	0.441	0.116	-1.160	0.392	0.215	-0.630	0.556
9UGTRV	0.123	-0.838	0.502	0.060	-1.230	0.000	0.130	-0.637	0.000	0.203	-0.969	0.514
ACHTLG	0.152	0.603	0.301	0.080	0.278	0.000	0.153	0.242	0.504	0.271	0.998	0.154
BN6QHC	0.120	-1.006	0.869	0.064	-0.954	0.538	0.133	-0.510	0.560	0.207	-0.872	1.359
BQR7BR	0.163	1.173	1.328	0.083	0.529	0.672	0.170	0.892	0.971	0.260	0.679	0.890
BXC42Z	0.140	0.000	0.000	0.070	-0.476	0.000	0.147	0.000	0.560	0.240	0.097	0.000
ERD28B	0.146	0.302	0.379	0.084	0.604	0.441	0.166	0.739	0.582	0.252	0.456	1.148
F82HRY	0.149	0.436	0.652	0.079	0.227	0.242	0.165	0.688	0.982	0.232	-0.126	1.077
FNPW7R	0.097	-2.174	0.357	0.045	-2.362	0.181	0.095	-1.988	0.154	0.185	-1.509	0.119
JM74P7	0.133	-0.335	1.810	0.113	2.791	3.744	0.133	-0.510	2.802	0.217	-0.582	1.028
JVDQTZ	0.301	8.115X	0.405	1.077	75.406X	3.098	0.198	1.950	0.354	0.088	-4.332X	0.041
MNZ9NU	0.190	2.497	3.014	0.081	0.353	0.116	0.165	0.688	0.202	0.284	1.376	0.235
NDX9NV	0.175	1.767	1.600	0.080	0.281	1.420	0.163	0.629	3.289	0.271	1.009	1.763
NQPTDY	0.149	0.477	0.057	0.081	0.316	0.123	0.163	0.607	0.270	0.265	0.810	0.459
RBM6QP	0.145	0.265	0.225	0.079	0.187	0.288	0.159	0.487	0.185	0.258	0.613	0.395



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S (SubTestCode 216) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RNM9TV	0.145	0.276	0.225	0.080	0.246	0.095	0.166	0.729	0.177	0.238	0.047	0.092	
RQRV9K	0.153	0.670	0.502	0.080	0.278	0.000	0.190	1.657	0.971	0.240	0.097	0.000	
TMPAXU	0.127	-0.670	1.328	0.090	1.032	2.329	0.140	-0.255	0.971	0.213	-0.679	2.240	
U6NKLW	0.133	-0.342	1.084	0.068	-0.620	0.346	0.127	-0.737	0.606	0.254	0.505	0.699	
WCXZYA	0.100	-2.011	0.869	0.050	-1.984	0.000	0.103	-1.657	1.121	0.140	-2.811	1.780	
XR87NE	0.109	-1.539	0.491	0.062	-1.104	1.044	0.115	-1.202	0.127	0.200	-1.073	0.468	
YK4JB6	0.123	-0.855	1.610	0.085	0.680	2.388	0.120	-1.032	2.154	0.238	0.029	1.969	
YM8EU9	0.150	0.520	0.050	0.075	-0.074	0.067	0.157	0.408	0.148	0.273	1.057	0.089	

S (SubTestCode 216) in the Wet Digestion Property Groups					Data units: Percent	
	SRB1609	SRB1610	SRB1611	SRB1612		
Grand Median	0.14	0.076	0.15	0.24		
Median Abs Dev	0.01	0.007	0.02	0.02		
Avg Within Lab SD	0.01	0.009	0.01	0.01		
Labs Included	33	33	34	33		
Labs Reporting	34	34	34	34		



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Na (SubTestCode 217) in the Wet Digestion Property Groups											Data units: Percent	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2FLT8L	0.132	-0.190	0.052	0.021	-0.205	0.016	0.001	-0.306	0.000	0.158	9.286	0.979
33UR4K	0.135	0.000	0.863	0.024	0.154	0.057	0.003	-0.089	0.033	0.019	0.010	0.338
49UBX3	0.129	-0.403	0.229	0.020	-0.256	0.053	0.002	-0.267	0.406	0.016	-0.234	0.115
4PHQYE	0.138	0.172	0.321									0.184
4R8WJB	0.129	-0.378	0.224	0.020	-0.286	0.043	0.001	-0.358	0.025	0.015	-0.264	0.194
6PY2EX	0.157	1.444	0.560	0.030	0.688	0.000	0.006	0.152	0.375	0.027	0.493	1.843
8VFE7W	0.143	0.555	0.560	0.020	-0.260	0.000	0.010	0.527	0.000	0.020	0.045	0.000
9PQEAF	0.120	-1.000	0.971	0.023	0.056	0.294	0.010	0.527	0.000	0.013	-0.402	1.843
9QJCF2	0.118	-1.111	0.459	0.022	-0.067	0.052	0.005	0.067	0.300	0.018	-0.122	0.115
BQR7BR	0.157	1.444	1.483	0.040	1.637	0.000	0.033	2.714	3.303	0.030	0.717	0.000
BXC42Z	0.130	-0.333	0.168	0.018	-0.418	0.029	0.001	-0.317	0.000	0.009	-0.716	0.184
ERD28B	0.141	0.422	0.617	0.030	0.688	0.398	0.012	0.683	1.814	0.035	1.031	1.871
F82HRY	0.131	-0.289	0.779	0.021	-0.172	0.033				0.015	-0.304	0.333
FJWRE9	0.132	-0.200	0.926	0.025	0.214	0.176	0.011	0.620		0.020	0.068	0.804
FNPW7R	0.135	0.014	0.436	0.021	-0.164	0.062	0.001	-0.360	0.012	0.016	-0.216	0.190
JM74P7	0.133	-0.111	2.021	0.037	1.321	1.177	0.020	1.464	0.000	0.033	0.941	1.843
JVDQTZ	0.008	-8.452X	0.022	0.556	50.617X	0.784	0.128	11.588X	1.051	2.131	41.857X	1.259
MNZ9NU	0.192	3.822	2.903	0.021	-0.197	0.078	0.004	-0.067	0.250	0.015	-0.268	0.184
NDX9NV	0.144	0.577	1.521	0.023	0.000	0.173	0.035	2.909	2.502	0.013	-0.436	1.297
NQPTDY	0.167	2.141	0.201	0.026	0.288	0.031	0.001	-0.309	0.016	0.020	0.025	0.195
NZA2V2	0.133	-0.111	0.297	0.021	-0.207	0.073				0.015	-0.272	0.112
RBM6QP	0.154	1.282	0.456	0.027	0.369	0.033	0.002	-0.245	0.253	0.019	0.000	0.229
RNM9TV	0.146	0.735	0.334	0.024	0.154	0.038	0.002	-0.270	0.044	0.017	-0.137	0.218
RQRV9K	0.230	6.332X	1.681	0.030	0.688	0.000				0.027	0.493	1.843
U6NKLW	0.133	-0.104	1.363	0.019	-0.360	0.075				0.016	-0.256	0.461
WCXZYA	0.140	0.333	0.971	0.097	7.013	5.026	0.010	0.527	0.000	0.020	0.045	0.000



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Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
XR87NE	0.146	0.729	0.844	0.042	1.795	0.029	0.023	1.746	0.120	0.037	1.207	0.141
YK4JB6	0.133	-0.133	1.103	0.020	-0.229	0.078	0.001	-0.317	0.000	0.019	0.001	2.418
YM8EU9	0.132	-0.178	0.056	0.019	-0.324	0.029				0.016	-0.223	0.000

Na (SubTestCode 217) in the Wet Digestion Property Groups					Data units: Percent
	SRB1609	SRB1610	SRB1611	SRB1612	
Grand Median	0.14	0.023	0.004	0.019	
Median Abs Dev	0.01	0.003	0.004	0.004	
Avg Within Lab SD	0.01	0.020	0.005	0.003	
Labs Included	27	27	22	27	
Labs Reporting	29	28	23	28	



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AI (SubTestCode 218) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	33.5	0.1	0.1	85.5	0.7	0.7	4.5	-0.6	0.0	148.0	1.0	0.1	
33UR4K	29.4	-0.3	0.4	55.2	-0.7	0.3	9.3	-0.1	0.2	95.0	-0.4	0.3	
4PHQYE	36.7	0.3	0.4	70.7	0.0	0.0	10.5	0.0	0.1	110.6	0.0	0.3	
4R8WJB	32.1	0.0	0.1	70.5	0.0	0.3	6.5	-0.4	0.1	119.3	0.2	0.4	
6PY2EX	59.6	2.3	0.9	100.2	1.4	1.0	21.6	1.1	1.2	196.5	2.3	0.3	
8VFE7W	29.0	-0.3	0.8	53.7	-0.8	1.3	19.0	0.9	2.3	95.3	-0.4	0.9	
9PQEAF	57.7	2.2	0.2	72.1	0.1	1.0	16.2	0.6	0.8	108.5	-0.1	1.4	
ACHTLG	43.9	1.0	0.4	88.0	0.8	0.5	9.7	-0.1	0.2	152.7	1.1	0.3	
BQR7BR	33.0	0.0	2.0	43.3	-1.3	0.8	6.3	-0.4	0.2	76.7	-0.9	0.4	
BXC42Z				70.3	0.0	0.1				118.0	0.2	0.6	
F82HRY	27.8	-0.4	0.1	72.7	0.1	0.7	7.2	-0.3	0.2	108.0	-0.1	0.4	
FJWRE9				72.7	0.1	0.7				124.3	0.3	1.3	
FNPW7R	37.4	0.4	0.2	90.9	1.0	0.7	9.9	0.0	0.3	140.6	0.8	0.1	
JM74P7	10.7	-1.9	0.1	33.7	-1.7	0.5	9.0	-0.1		46.3	-1.7	0.2	
JVDQTZ	44.6	1.0	0.3	1,054.5	46.4X	22.4	72.3	6.0X	0.6	56.8	-1.4	0.1	
MNZ9NU	26.0	-0.6	3.4	3.9	-3.1	1.1	66.1	5.4	1.9	39.7	-1.9	0.9	
NDX9NV	32.3	0.0	1.4	59.2	-0.5	3.2	16.8	0.6	2.4	145.7	0.9	3.7	
NZA2V2	31.2	-0.1	0.2	69.7	0.0	0.4	7.0	-0.3	0.1	122.3	0.3	0.7	
RNM9TV	34.8	0.2	0.2	75.6	0.2	0.3	19.5	0.9	0.2	104.3	-0.2	0.2	
RQRV9K	35.3	0.2	0.4	78.1	0.4	1.1	13.6	0.3	0.1	112.1	0.0	0.7	
U6NKLW	13.9	-1.6	0.7	53.1	-0.8	0.9				105.7	-0.1	0.7	
YM8EU9	28.8	-0.3	0.2	64.3	-0.3	0.4	11.0	0.1	0.1	127.3	0.4	0.5	



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AI (SubTestCode 218) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1609	SRB1610	SRB1611	SRB1612	
Grand Median	32.6	70.5	10.2	111.3	
Median Abs Dev	3.9	11.3	3.6	16.0	
Avg Within Lab SD	6.6	4.5	3.4	8.5	
Labs Included	20	21	18	22	
Labs Reporting	20	22	19	22	



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B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	30.14	-0.95	0.68	4.80	-0.83	0.06	7.86	-0.73	0.47	70.43	-0.91	0.30
33UR4K	34.37	-0.35	0.28	5.97	-0.35	0.19	9.73	-0.13	0.87	75.20	-0.39	0.52
4PHQYE	45.53	1.22	0.04	7.57	0.31	0.13	11.50	0.43	0.10	92.19	1.45	0.32
4R8WJB	42.97	0.85	1.27	6.83	0.00	0.49	9.97	-0.06	1.80	78.53	-0.03	0.51
6PY2EX	37.92	0.14	1.17	8.38	0.64	0.19	11.57	0.45	0.14	78.81	0.00	1.50
8VFE7W	41.33	0.63	0.46	6.67	-0.06	0.16	11.00	0.27		90.00	1.21	0.71
97TX4X	38.00	0.16		9.00	0.89		65.00	17.49X		90.00	1.21	0.24
9DUCMD	38.83	0.27	0.20	6.17	-0.27	0.19	9.73	-0.13	0.91	82.50	0.40	0.87
9JEBE8	33.33	-0.50	0.04	4.93	-0.78	0.08	8.02	-0.68	0.15	75.55	-0.35	0.35
9PQEAF	41.47	0.64	0.05	10.47	1.49	0.30	12.80	0.84	1.21	80.70	0.20	1.18
9QJCF2	36.53	-0.05	0.44	5.07	-0.72	0.31	7.55	-0.83	0.83	77.27	-0.17	0.84
ACHTLG	36.33	-0.08	0.18	5.17	-0.68	0.16	11.57	0.45	0.88	81.97	0.34	0.48
BN6QHC	32.93	-0.56	1.18	7.20	0.15	0.06	10.67	0.16	0.18	73.37	-0.59	2.72
BQR7BR	27.33	-1.34	1.00	3.00	-1.57		6.33	-1.22	0.69	61.00	-1.92	0.71
BXC42Z	38.00	0.16		7.00	0.07		10.33	0.06	0.69	82.00	0.34	0.61
DTP4W6	33.47	-0.48	0.27	3.43	-1.39	0.14	5.97	-1.34	0.14	72.07	-0.73	1.78
ERD28B	30.72	-0.87	0.32	4.16	-1.09	0.25	4.86	-1.69	1.87	75.35	-0.37	0.95
F82HRY	33.20	-0.52	0.48	6.53	-0.12	0.11	9.03	-0.36	1.44	71.40	-0.80	1.22
FNPW7R	38.61	0.24	0.61	8.42	0.65	0.30	11.85	0.54	0.67	78.71	-0.01	0.24
JM74P7	34.33	-0.36	0.23	7.00	0.07	0.49	9.00	-0.37		74.00	-0.52	0.94
JVDQ TZ	-665.64	-98.75X	229.57	42.22	14.49X	0.35	26.04	5.07	0.90	23.16	-6.01X	0.16
MNZ9NU	30.63	-0.88	3.37	13.62	2.78	0.08	9.54	-0.20	0.27	79.08	0.03	0.22
NDX9NV	32.56	-0.61	1.15	14.65	3.20	5.27	8.14	-0.64	2.80	72.56	-0.68	0.71
NQPTDY	36.64	-0.03	0.06	5.65	-0.48	0.01	10.26	0.03	0.26	82.60	0.41	0.30
NZA2V2	39.80	0.41	0.18	7.00	0.07	0.18	10.67	0.16	0.37	86.73	0.86	0.67
RBM6QP	49.98	1.84	1.09	6.92	0.04	0.04	9.68	-0.15	1.14	107.70	3.12	0.68



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B (SubTestCode 219) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RNM9TV	39.69	0.39	0.23	7.40	0.24	0.03	11.41	0.40	0.06	83.27	0.48	0.63	
RQRV9K	78.16	5.80	1.48	10.62	1.55	0.06	20.96	3.45	1.48	151.74	7.88X	0.28	
U6NKLW	37.94	0.15	1.40	6.66	-0.07	0.22	10.34	0.06	1.05	87.51	0.94	1.82	
WCXZYA	33.67	-0.45	1.88	6.33	-0.20	0.16	8.67	-0.47	0.69	66.33	-1.35	1.60	
XR87NE	33.63	-0.46	0.62	6.82	0.00	0.12	10.33	0.06	0.73	73.98	-0.52	0.66	
YK4JB6	38.00	0.16	0.86	7.70	0.36	0.30	10.05	-0.03	0.47	79.85	0.11	0.50	
YM8EU9	37.13	0.03	0.04	5.71	-0.46	0.02	10.52	0.12	0.47	83.16	0.47	0.06	

B (SubTestCode 219) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1609		SRB1610		SRB1612	
Grand Median	36.9		6.83		78.8	
Median Abs Dev	3.2		0.99		4.5	
Avg Within Lab SD	2.5		3.50		2.8	
Labs Included	32		32		31	
Labs Reporting	33		33		33	



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Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	49.3	0.2	0.3	14.4	-0.1	0.1	20.9	0.0	0.1	84.8	0.3	0.3
33UR4K	45.9	-0.6	0.3	13.4	-0.4	0.1	18.2	-0.5	0.2	77.4	-0.5	0.4
4PHQYE	47.9	-0.1	0.2	15.1	0.0	0.4	18.6	-0.4	0.1	83.7	0.2	0.4
4R8WJB	47.9	-0.1	0.3	13.8	-0.3	0.1	19.6	-0.2	0.1	81.1	-0.1	0.5
6PY2EX	49.0	0.2	1.0	15.3	0.1	0.2	20.6	0.0	0.3	81.8	0.0	1.1
8VFE7W	49.7	0.3	0.4	14.7	-0.1	0.2	21.3	0.1	0.2	88.3	0.7	1.4
97TX4X	46.0	-0.5		14.0	-0.2		19.0	-0.3		78.0	-0.5	0.3
9DUCMD	51.4	0.7	1.1	15.6	0.2	0.3	22.4	0.3	0.3	82.8	0.1	1.4
9JEBE8	44.8	-0.8	0.1	13.3	-0.4	0.2	20.5	-0.1	0.3	76.5	-0.6	0.2
9PQEAF	45.4	-0.7	0.2	14.2	-0.2	0.5	18.5	-0.4	0.6	74.4	-0.9	0.3
9QJCF2	49.4	0.3	1.5	17.9	0.7	1.2	33.6	2.5	2.9	79.4	-0.3	1.2
ACHTLG	45.3	-0.7	0.6	15.4	0.1	0.1	21.4	0.1	0.2	82.0	0.0	0.6
BN6QHC	51.6	0.7	0.5	21.8	1.6	1.0	26.2	1.1	0.4	91.3	1.1	1.7
BQR7BR	48.3	0.0	2.1	10.7	-1.0	0.2	19.3	-0.3	1.8	84.3	0.3	1.2
BXC42Z	47.7	-0.2	0.2	14.0	-0.2		20.0	-0.1		80.3	-0.2	0.3
DTP4W6	47.9	-0.1	0.3	12.7	-0.6	0.1	17.5	-0.6	0.1	77.6	-0.5	1.3
ERD28B	51.7	0.8	0.2	17.2	0.5	0.1	25.0	0.9	0.2	84.1	0.2	0.8
EUZK99	47.9	-0.1	0.1	14.3	-0.2	0.3	21.1	0.1	0.2	77.5	-0.5	0.7
F82HRY	43.0	-1.2	1.2	13.2	-0.4	0.2	18.4	-0.5	0.9	72.5	-1.1	2.1
FJWRE9	55.0	1.5	1.4	21.3	1.5	0.7	34.0	2.6	3.4	89.7	0.9	1.9
FNPW7R	41.0	-1.7	0.4	13.1	-0.5	0.1	19.0	-0.3	0.2	66.3	-1.8	0.3
JM74P7	49.7	0.3	0.4	18.7	0.9	0.3	21.3	0.1	0.4	84.3	0.3	0.3
JVDQTZ	26.2	-5.1X	0.3	68.0	12.8X	0.3	21.9	0.2	0.1	12.3	-8.1X	0.0
MNZ9NU	47.5	-0.2	3.7	1.8	-3.2	0.4	5.5	-3.0	0.5	74.6	-0.9	0.6
NDX9NV	49.1	0.2	1.3	24.2	2.2	5.2	20.1	-0.1	1.9	83.7	0.2	1.6
NQPTDY	54.8	1.5	0.6	15.9	0.2	0.1	24.7	0.8	0.2	92.3	1.2	0.1



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Zn (SubTestCode 220) in the Wet Digestion Property Groups													Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
NZA2V2	44.0	-1.0	0.1	13.3	-0.4	0.2	17.8	-0.6	0.1	72.0	-1.2	0.5		
RBM6QP	48.8	0.1	0.2	15.3	0.1	0.1	20.7	0.0	0.1	86.4	0.5	0.4		
RNM9TV	53.2	1.1	0.2	16.2	0.3	0.1	23.5	0.5	0.2	86.9	0.6	0.3		
RQRV9K	72.3	5.6X	1.1	19.0	1.0	0.2	38.7	3.5X	0.5	107.2	2.9	0.3		
TMPAXU	48.8	0.1	0.6	15.5	0.1	0.5	21.5	0.1	0.3	84.8	0.3	1.3		
U6NKLW	44.1	-1.0	0.7	11.8	-0.8	0.2	17.0	-0.7	0.2	80.3	-0.2	0.8		
WCXZYA	48.3	0.0	1.2	15.0	0.0	0.5	24.3	0.7	1.1	73.3	-1.0	1.6		
XR87NE	63.5	3.5	0.8	33.9	4.6	0.9	37.2	3.3	0.1	97.8	1.8	0.4		
YK4JB6	46.6	-0.4	0.2	13.2	-0.4	0.8	13.3	-1.5	1.6	77.4	-0.5	1.6		
YM8EU9	56.9	2.0	0.5	15.2	0.1	0.1	22.3	0.3	0.2	90.5	1.0	0.1		

Zn (SubTestCode 220) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1609		SRB1610		SRB1611	
Grand Median	48.3		15.0		20.7	
Median Abs Dev	2.1		1.6		1.7	
Avg Within Lab SD	3.3		3.8		3.1	
Labs Included	34		35		35	
Labs Reporting	36		36		36	



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Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	125.6	0.5	0.2	17.4	0.0	0.0	32.1	0.2	0.2	30.7	0.4	0.3	
33UR4K	116.6	-0.3	0.4	15.8	-0.3	0.0	28.6	-0.7	0.7	28.6	-0.1	0.3	
4PHQYE	124.7	0.4	0.1	15.5	-0.4	0.0	32.8	0.4	0.3	28.5	-0.1	0.1	
4R8WJB	128.3	0.7	0.2	16.7	-0.1	0.0	29.8	-0.4	0.2	31.8	0.6	0.3	
6PY2EX	128.2	0.7	1.0	19.4	0.5	0.0	31.5	0.1	0.6	32.8	0.9	2.3	
8VFE7W	130.3	0.9	0.2	20.0	0.6	0.1	35.3	1.0	0.6	34.3	1.2	0.6	
97TX4X	112.0	-0.7		5.0	-2.6		19.0	-3.1		18.0	-2.5	0.2	
9DUCMD	125.3	0.5	0.3	17.9	0.1	0.0	30.6	-0.2	0.3	30.2	0.3	0.4	
9JEBE8	120.0	0.0	0.2	17.9	0.1	0.1	33.4	0.5	0.4	31.9	0.7	1.7	
9PQEAF	109.0	-0.9	0.3	16.6	-0.1	0.2	25.1	-1.6	0.1	27.3	-0.4	1.2	
9QJCF2	115.0	-0.4	0.2	16.4	-0.2	0.2	27.0	-1.1	0.6	27.9	-0.2	1.2	
ACHTLG	113.4	-0.6	0.4	18.1	0.2	0.1	28.8	-0.6	1.3	27.2	-0.4	1.1	
BN6QHC	119.0	-0.1	0.7	16.0	-0.3	0.0	24.4	-1.8	0.8	23.2	-1.3	1.0	
BQR7BR	139.0	1.7	1.7	19.0	0.4	0.1	35.0	1.0	1.4	33.3	1.0	1.4	
BXC42Z	115.0	-0.4	0.1	16.0	-0.3		29.0	-0.6		28.0	-0.2	1.2	
DTP4W6	123.5	0.3	0.3	15.0	-0.5	0.1	27.9	-0.9	0.1	27.7	-0.3	1.0	
ERD28B	120.9	0.1	0.3	18.0	0.2	0.0	33.0	0.5	0.8	32.9	0.9	0.5	
EUZK99	100.7	-1.6	1.0	20.5	0.7	0.1	32.4	0.3	1.0	21.9	-1.6	1.6	
F82HRY	119.7	0.0	0.7	17.8	0.1	0.0	30.7	-0.1	2.4	28.3	-0.2	1.9	
FJWRE9	112.3	-0.6	0.6				32.0	0.2	0.5	28.7	-0.1	0.6	
FNPW7R	115.1	-0.4	0.6	16.3	-0.2	0.0	30.2	-0.3	0.2	27.6	-0.3	0.2	
JM74P7	122.0	0.2	0.3	23.7	1.4		34.0	0.7	0.9	32.0	0.7	1.2	
JVDQTZ	55.3	-5.6X	0.1	94.4	16.6X	0.1	58.8	7.0X	0.5	35.1	1.4	0.1	
MNZ9NU	165.3	3.9	4.4	11.3	-1.3	0.1	27.8	-0.9	1.1	25.5	-0.8	1.3	
NDX9NV	130.9	1.0	1.2	56.6	8.5	5.6	33.1	0.5	2.8	32.5	0.8	1.1	
NQPTDY	135.8	1.4	0.2	18.5	0.3	0.0	36.5	1.3	0.3	32.7	0.9	0.3	



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Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NZA2V2	118.7	-0.1	0.1	16.9	-0.1	0.1	31.3	0.0	0.3	28.8	0.0	0.4	
RBM6QP	137.1	1.5	0.2	20.1	0.6	0.0	34.0	0.7	0.4	34.8	1.3	0.5	
RNM9TV	130.5	0.9	0.1	19.3	0.4	0.0	35.8	1.1	0.1	32.7	0.9	0.1	
RQRV9K	193.3	6.4X	0.8	23.9	1.4	0.1	58.3	6.9X	1.7	42.6	3.1X	0.2	
TMPAXU	113.0	-0.6	0.6	19.7	0.5	0.0	29.8	-0.4	0.6	34.6	1.3	0.5	
U6NKLW	123.3	0.3	1.4	16.5	-0.2	0.1	31.2	0.0	1.4	30.5	0.3	1.1	
WCXZYA	119.7	0.0	1.1	17.0	0.0	0.1	31.7	0.1	1.1	28.7	-0.1	1.1	
XR87NE	108.2	-1.0	0.7	16.4	-0.2	0.0	29.2	-0.5	0.1	27.3	-0.4	0.3	
YK4JB6	119.7	0.0	0.2	16.5	-0.1	0.0	27.3	-1.0	2.0	29.0	0.0	1.4	
YM8EU9	118.4	-0.1	0.0	17.0	0.0	0.0	32.5	0.3	0.2	32.7	0.9	0.0	

Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1609		SRB1610		SRB1611	SRB1612
Grand Median	119.8		17.2		31.3	29.0
Median Abs Dev	5.6		1.2		2.1	2.8
Avg Within Lab SD	7.6		11.9		1.9	1.8
Labs Included	34		34		34	35
Labs Reporting	36		35		36	36



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Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	59.9	0.0	0.4	128.1	0.2	0.0	35.9	0.0	0.4	136.0	0.4	0.4
33UR4K	47.3	-1.3	0.5	102.1	-0.9	0.0	26.2	-0.9	0.2	110.8	-1.2	0.2
4PHQYE	60.3	0.0	0.5	125.2	0.1	0.1	38.9	0.3	0.7	129.8	0.0	0.1
4R8WJB	60.7	0.1	0.1	120.0	-0.1	0.0	35.0	-0.1	0.4	140.7	0.8	0.2
6PY2EX	76.4	1.7	2.2	125.1	0.1	0.1	37.0	0.1	0.9	135.1	0.4	1.1
8VFE7W	48.3	-1.2	0.3	99.0	-1.0	0.0	32.3	-0.3	0.3	108.7	-1.4	0.9
97TX4X	28.0	-3.3		99.0	-1.0		24.0	-1.1		108.0	-1.4	0.5
9DUCMD	61.1	0.1	0.2	132.0	0.4	0.1	34.3	-0.1	0.2	135.7	0.4	0.5
9JEBE8	68.3	0.9	3.0	117.5	-0.2	0.0	42.0	0.6	1.3	128.1	-0.1	0.3
9PQEAF	63.8	0.4	0.6	103.5	-0.8	0.1	22.1	-1.3	0.4	119.8	-0.6	1.5
9QJCF2	76.6	1.7	2.1	124.7	0.1	0.1	58.9	2.2	3.2	129.3	0.0	0.8
ACHTLG	63.7	0.4	0.7	156.3	1.4	0.1	72.9	3.4	1.5	131.1	0.1	0.6
BN6QHC	62.3	0.2	0.8	116.3	-0.3	0.1	38.0	0.2	0.5	147.3	1.2	0.5
BQR7BR	67.3	0.8	0.5	134.7	0.5	0.3	45.0	0.9	0.7	127.0	-0.2	0.5
BXC42Z	56.7	-0.3	0.3	124.7	0.1	0.0	32.0	-0.3	0.2	131.3	0.1	0.1
DTP4W6	59.1	-0.1	0.7	121.2	-0.1	0.0	32.8	-0.3	0.4	128.3	-0.1	0.7
ERD28B	59.9	0.0	0.3	140.1	0.7	0.1	36.0	0.0	0.5	146.5	1.1	0.5
EUZK99	58.8	-0.1	0.8	142.1	0.8	0.1	38.5	0.3	1.1	115.3	-0.9	1.3
F82HRY	53.6	-0.6	0.3	115.3	-0.3	0.1	31.8	-0.4	0.9	102.2	-1.8	2.6
FJWRE9	55.5	-0.4	0.4	122.3	0.0	0.1				120.3	-0.6	0.2
FNPW7R	52.2	-0.8	1.0	120.7	-0.1	0.1	31.0	-0.4	1.4	118.8	-0.7	0.5
JM74P7	64.0	0.4	0.4	132.7	0.4	0.0	51.3	1.4	0.2	117.3	-0.8	0.3
JVDQTZ	98.7	4.0X	0.6	1,187.7	44.5X	1.6	86.9	4.7X	0.6	56.4	-4.9X	0.1
MNZ9NU	53.2	-0.7	2.2	122.8	0.0	0.1	14.5	-2.0	0.6	128.2	-0.1	0.4
NDX9NV	57.9	-0.2	0.8	102.2	-0.9	0.5	34.4	-0.1	1.2	141.5	0.8	0.8
NQPTDY	59.3	-0.1	0.2	120.9	-0.1	0.0	37.9	0.2	0.6	131.0	0.1	0.3



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Fe (SubTestCode 222) in the Wet Digestion Property Groups													Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
NZA2V2	58.0	-0.2	0.9	125.3	0.1	0.1	32.7	-0.3	0.2	128.3	-0.1	0.6		
RBM6QP	59.0	-0.1	0.1	130.3	0.3	0.0	36.5	0.1	0.0	137.2	0.5	0.2		
RNM9TV	57.5	-0.2	0.2	125.8	0.1	0.0	35.5	0.0	0.1	129.4	0.0	0.2		
RQRV9K	87.1	2.8	0.4	173.5	2.1	0.1	68.8	3.1	1.1	173.0	2.9	0.5		
TMPAXU	77.6	1.8	0.4	115.2	-0.3	0.1	47.6	1.1	0.6	142.5	0.9	0.2		
U6NKLW	54.1	-0.6	0.8	124.5	0.1	0.2	38.6	0.3	2.3	132.7	0.2	0.7		
WCXZYA	51.0	-0.9	1.0	352.3	9.6	5.8	34.7	-0.1	1.0	104.0	-1.7	3.8		
XR87NE	66.4	0.7	0.8	120.9	-0.1	0.0	39.1	0.3	0.2	119.6	-0.7	0.5		
YK4JB6	59.9	0.0	1.2	122.7	0.0	0.1	31.5	-0.4	1.4	119.3	-0.7	1.0		
YM8EU9	63.0	0.3	0.2	114.0	-0.4	0.0	30.5	-0.5	0.1	137.5	0.5	0.2		

Fe (SubTestCode 222) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1609		SRB1610		SRB1611	
Grand Median	59.9		122.8		35.7	
Median Abs Dev	3.9		6.5		3.4	
Avg Within Lab SD	4.9		77.9		4.9	
Labs Included	35		35		34	
Labs Reporting	36		36		35	



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Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	9.95	0.41	0.00	6.62	0.00	0.55	6.40	0.19	0.50	44.33	0.48	0.16
33UR4K	8.23	-0.73	0.26	7.50	0.67	1.08	5.90	-0.14	0.12	41.17	-0.14	0.41
4PHQYE	9.26	-0.05	0.26	6.95	0.25	2.03	6.10	-0.01	0.19	44.88	0.59	0.26
4R8WJB	9.43	0.06	0.13	6.31	-0.23	0.34	5.84	-0.17	0.11	43.37	0.29	0.39
6PY2EX	11.08	1.16	0.69	7.25	0.47	0.51	7.44	0.87	0.79	45.61	0.73	1.14
8VFE7W	9.33	0.00	0.49	6.33	-0.22	1.03	7.00	0.58	1.24	48.00	1.20	0.42
97TX4X	7.00	-1.54		5.00	-1.23		5.00	-0.72		47.00	1.00	0.11
9DUCMD	8.77	-0.38	0.18	5.97	-0.50	0.27	5.77	-0.22	0.40	39.27	-0.51	0.27
9JEBE8	7.65	-1.11	0.47	5.68	-0.71	0.18	5.63	-0.31	0.05	34.72	-1.39	0.24
9PQEAF	9.10	-0.15	0.08	6.43	-0.14	0.57	4.97	-0.75	0.50	40.47	-0.27	1.24
9QJCF2	19.57	6.77X	5.72	20.43	10.47X	13.46	18.60	8.15X	8.78	45.63	0.74	2.16
ACHTLG	9.34	0.01	0.16	6.53	-0.07	0.48	7.43	0.86	0.31	43.37	0.29	0.51
BN6QHC	9.08	-0.17	0.25	6.42	-0.15	1.04	5.35	-0.50	0.57	40.93	-0.18	0.70
BQR7BR	10.33	0.66	1.29	7.33	0.54	1.03	7.00	0.58	1.24	46.67	0.94	0.87
BXC42Z	9.00	-0.22		6.33	-0.22	1.03	5.00	-0.72		40.33	-0.30	0.24
DTP4W6	10.97	1.08	0.10	8.00	1.04	0.47	7.33	0.80	0.07	37.03	-0.94	1.03
ERD28B	9.71	0.25	0.05	7.27	0.49	0.18	6.79	0.44	0.16	43.29	0.28	0.08
EUZK99	9.68	0.23	0.82	7.13	0.39	0.89	6.11	0.00	0.77	40.42	-0.28	0.87
F82HRY	8.53	-0.53	0.40	6.43	-0.14	0.34	5.91	-0.13	1.10	35.17	-1.31	2.81
FJWRE9	8.83	-0.33	0.21	7.03	0.31	0.62	6.77	0.43	0.84	39.93	-0.38	0.65
FNPW7R	10.22	0.59	0.54	6.68	0.04	0.42	6.47	0.24	0.28	39.73	-0.42	0.11
JM74P7	10.33	0.66	0.49	8.00	1.04		7.67	1.02	0.71	42.00	0.03	0.84
JVDQTZ	3.63	-3.78X	0.07	9.59	2.25	0.19	4.18	-1.26	0.12	4.78	-7.24X	0.02
MNZ9NU	5.07	-2.82	2.42	1.26	-4.06	1.54	1.74	-2.85	1.14	44.02	0.42	1.02
NDX9NV	8.48	-0.56	4.07	6.26	-0.28	2.42	6.76	0.42	3.99	41.72	-0.03	2.57
NQPTDY	10.13	0.53	0.05	6.84	0.16	0.28	7.18	0.70	0.33	45.57	0.72	0.39



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Cu (SubTestCode 223) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NZA2V2	8.48	-0.56	0.13	5.98	-0.48	0.26	6.01	-0.07	0.09	38.07	-0.74	0.43	
RBM6QP	10.45	0.74	0.08	7.91	0.98	0.49	6.70	0.38	0.11	49.35	1.46	0.37	
RNM9TV	10.57	0.82	0.26	7.72	0.83	0.79	6.97	0.56	0.17	46.43	0.89	0.15	
RQRV9K	18.81	6.27X	1.12	11.02	3.33	0.84	12.53	4.19	0.92	79.22	7.29X	0.54	
TMPAXU	7.37	-1.30	0.51	6.07	-0.42	0.27	5.69	-0.27	0.74	27.45	-2.81	0.56	
U6NKLW	8.64	-0.46	1.09	6.48	-0.11	2.10	5.46	-0.43	1.12	44.19	0.46	1.36	
WCXZYA	10.00	0.44	0.84	7.33	0.54	2.05	7.67	1.02	1.43	37.33	-0.88	0.97	
XR87NE	8.66	-0.44	0.44	6.18	-0.34	0.26	5.75	-0.23	0.28	38.34	-0.69	0.24	
YK4JB6	13.80	2.96	1.35	7.43	0.61	1.29	8.05	1.27	1.67	39.27	-0.51	1.01	
YM8EU9	9.78	0.30	0.07	6.16	-0.35	0.14	5.67	-0.29	0.31	45.12	0.64	0.22	

Cu (SubTestCode 223) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1609		SRB1610		SRB1612	
Grand Median	9.33		6.62		41.9	
Median Abs Dev	0.80		0.55		2.8	
Avg Within Lab SD	1.19		0.56		2.4	
Labs Included	33		35		34	
Labs Reporting	36		36		36	



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Mo (SubTestCode 224) in the Wet Digestion Property Groups													Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	0.45	0.00	0.46	0.45	-0.05	0.13	0.53	0.02	0.06	0.34	0.00	0.12		
4R8WJB	0.42	-0.12	0.13	0.46	0.00	0.04	0.48	-0.15	0.14	0.36	0.08	0.23		
6PY2EX	1.85	4.64	1.45	0.92	2.38	0.58	1.69	3.67	2.27	1.61	4.98	2.37		
ACHTLG	0.55	0.32	1.21	0.60	0.70	0.65	0.54	0.03	0.71	0.36	0.09	0.60		
BXC42Z	0.50	0.16	1.97	0.57	0.54	1.95	0.63	0.33	1.84	0.17	-0.66	0.44		
ERD28B	0.73	0.93	1.13	0.98	2.67	0.85	1.06	1.69	0.26	0.58	0.95	1.37		
F82HRY	0.38	-0.24	0.18	0.44	-0.13	0.11	0.47	-0.20	0.30	0.30	-0.14	0.03		
FNPW7R	0.45	-0.01	0.16	0.48	0.07	0.06	0.53	0.00	0.20	0.32	-0.07	0.11		
JM74P7	0.57	0.38	0.66	0.40	-0.33	0.00	0.37	-0.52	0.51	0.23	-0.40	0.44		
JVDQTZ				3.37	15.15X	0.54								
NDX9NV	0.19	-0.89	1.87	0.45	-0.06	2.75	0.41	-0.39	1.67	0.43	0.37	2.15		
NZA2V2	0.38	-0.25	0.04	0.43	-0.16	0.01	0.48	-0.16	0.03	0.31	-0.09	0.04		
RQRV9K	0.68	0.76	0.23	0.72	1.32	0.27	0.94	1.31	0.65	0.49	0.59	0.12		
WCXZYA	0.43	-0.08	0.11	0.39	-0.37	0.27	0.43	-0.31	0.49	0.24	-0.36	0.23		

Mo (SubTestCode 224) in the Wet Digestion Property Groups													Data units: mg/kg	
	SRB1609			SRB1610			SRB1611			SRB1612				
Grand Median	0.45			0.46			0.53			0.34				
Median Abs Dev	0.08			0.06			0.10			0.09				
Avg Within Lab SD	0.09			0.13			0.11			0.13				
Labs Included	13			13			13			13				
Labs Reporting	13			14			13			13				



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P (SubTestCode 225) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	0.38	0.61	0.08	0.15	0.02	0.74	0.33	0.72	0.56	0.14	0.07	0.55	
6VMYML	0.36	-0.18	0.13	0.15	0.04	0.87	0.32	0.17	0.86	0.14	-0.07	0.43	
9UGTRV	0.37	0.18	0.00	0.15	-0.02	0.00	0.30	-0.49	0.74	0.14	0.31	0.00	
FNPW7R	0.36	-0.24	0.24	0.14	-1.26	1.50	0.31	-0.17	0.81	0.13	-0.37	1.02	
R6WUGR	0.33	-1.01	0.27	0.13	-2.10	0.00	0.28	-1.91	0.74	0.12	-2.14	0.00	
RPJJQJ	0.42	1.82	2.42	0.16	0.61	1.56	0.32	0.59	1.79	0.15	1.09	2.11	

P (SubTestCode 225) in the Dry Ash Property Groups					Data units: Percent
	SRB1609	SRB1610	SRB1611	SRB1612	
Grand Median	0.36	0.15	0.31	0.14	
Median Abs Dev	0.01	0.00	0.01	0.00	
Avg Within Lab SD	0.02	0.00	0.01	0.00	
Labs Included	6	6	6	6	
Labs Reporting	6	6	6	6	



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K (SubTestCode 226) in the Dry Ash Property Groups													Data units: Percent	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2XKVZJ	2.46	0.43	0.12	4.07	0.89	0.60	0.52	0.20	0.47	1.19	0.49	0.51		
6VMYML	2.28	-0.30	0.25	3.71	0.00	0.57	0.66	1.32	0.65	1.09	-0.18	0.80		
9UGTRV	2.50	0.59	0.03	3.99	0.70	0.29	0.50	0.00	0.52	1.20	0.57	0.37		
FNPW7R	2.36	0.00	0.45	3.63	-0.21	0.79	0.48	-0.16	0.70	1.12	0.00	0.34		
K7QAQ2	2.12	-0.94	0.82	3.65	-0.15	1.17	0.40	-0.74	0.80	1.02	-0.73	2.40		
R6WUGR	2.07	-1.13	0.12	3.13	-1.44	0.16	0.33	-1.30	0.26	0.93	-1.38	0.24		
RPJJQJ	2.69	1.34	2.45	4.24	1.33	2.06	0.62	1.00	2.21	1.31	1.38	0.20		

K (SubTestCode 226) in the Dry Ash Property Groups					Data units: Percent			
	SRB1609		SRB1610		SRB1611		SRB1612	
Grand Median	2.36		3.71		0.50		1.12	
Median Abs Dev	0.15		0.28		0.09		0.08	
Avg Within Lab SD	0.17		0.12		0.02		0.04	
Labs Included	7		7		7		7	
Labs Reporting	7		7		7		7	



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Ca (SubTestCode 227) in the Dry Ash Property Groups													Data units: Percent	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2XKVZJ	1.50	-0.21	0.10	0.32	-0.21	0.00	0.05	-0.35	0.18	4.23	0.40	0.70		
6VMYML	1.81	0.99	0.26	0.34	0.26	0.09	0.10	0.75	0.04	3.77	-0.74	0.02		
9UGTRV	1.61	0.21	0.47	0.34	0.21	0.29	0.06	-0.28	0.90	4.38	0.77	0.62		
FNPW7R	1.48	-0.30	2.07	0.30	-0.79	0.73	0.05	-0.44	0.72	3.91	-0.40	0.21		
K7QAQ2	1.24	-1.23	1.15	0.29	-0.88	2.19	0.15	1.96	1.48	3.87	-0.50	2.14		
R6WUGR	1.84	1.10	0.27	0.40	1.70	0.76	0.08	0.28	1.57	4.57	1.24	0.71		
RPJJQJ	2,044.93	061.84X	505.01	458.82	435.80X	544.93	155.60	679.54X	983.28	4,908.18	231.63X	077.20		

Ca (SubTestCode 227) in the Dry Ash Property Groups													Data units: Percent	
	SRB1609			SRB1610			SRB1611			SRB1612				
Grand Median	1.56			0.33			0.068			4.07				
Median Abs Dev	0.16			0.02			0.017			0.25				
Avg Within Lab SD	0.06			0.02			0.006			0.06				
Labs Included	6			6			6			6				
Labs Reporting	7			7			7			7				



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Mg (SubTestCode 228) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	0.58	0.17	0.26	0.23	0.35	0.63	0.21	0.52	0.59	0.37	1.51	0.60	
6VMYML	0.60	0.49	0.36	0.24	0.92	0.45	0.22	1.19	0.94	0.35	0.65	1.29	
9UGTRV	0.56	-0.17	0.49	0.24	0.58	0.81	0.20	-0.23	0.78	0.34	0.05	1.00	
FNPW7R	0.58	0.26	1.61	0.22	-0.92	0.46	0.20	0.23	0.79	0.34	-0.05	0.00	
K7QAQ2	0.48	-1.90	1.50	0.22	-0.35	1.97	0.17	-1.46	1.71	0.33	-0.64	1.42	
R6WUGR	0.52	-1.06	0.85	0.22	-0.93	0.81	0.19	-0.42	0.78	0.32	-1.14	1.00	
RPJJQJ	878.63	096.77X	983.99	366.21	579.55X	146.40	342.59	255.12X	771.51	565.17	531.22X	678.49	

Mg (SubTestCode 228) in the Dry Ash Property Groups					Data units: Percent
	SRB1609		SRB1610		SRB1612
Grand Median	0.57		0.23		0.34
Median Abs Dev	0.02		0.01		0.01
Avg Within Lab SD	0.01		0.01		0.01
Labs Included	6		6		6
Labs Reporting	7		7		7



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Na (SubTestCode 229) in the Dry Ash Property Groups												Data units: Percent	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	0.148	0.000	0.131	0.044	0.552	0.479	0.001	-0.313	0.000	0.019	-0.802	0.000	
6VMYML	0.167	0.586	0.329	0.037	0.000	0.305	0.009	0.715	0.503	0.025	0.000	0.056	
9UGTRV	0.133	-0.429	0.655	0.027	-0.743	2.197	0.003	0.000	1.325	0.023	-0.259	0.348	
FNPW7R	0.145	-0.085	0.269	0.024	-0.961	0.443	0.001	-0.325	0.803	0.018	-0.931	0.088	
K7QAQ2	0.063	-2.523	0.748	0.014	-1.652	0.144	0.001	-0.286	0.081	0.033	0.949	2.590	
R6WUGR	0.180	0.968	0.000	0.047	0.723	1.098	0.010	0.895	0.000	0.033	0.994	0.348	
RPJJQJ	0.152	0.131	2.411	0.038	0.090	0.655	0.020	2.188	2.083	0.032	0.785	0.196	

Na (SubTestCode 229) in the Dry Ash Property Groups												Data units: Percent	
	SRB1609			SRB1610			SRB1611			SRB1612			
Grand Median	0.15			0.037			0.003			0.025			
Median Abs Dev	0.01			0.010			0.002			0.006			
Avg Within Lab SD	0.01			0.005			0.001			0.017			
Labs Included	7			7			7			7			
Labs Reporting	7			7			7			7			



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AI (SubTestCode 230) in the Dry Ash Property Groups											Data units: mg/kg
WebCode	SRB1609			SRB1610			SRB1611			SRB1612	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
49UBX3	32.1		1.3	57.8		0.6	12.0		1.4	156.4	1.6
ENPW7R	27.1		0.4	56.3		1.1	5.3		0.3	125.9	0.3
R6WUGR	4.7		1.1	41.2		1.2				115.4	0.6
AI (SubTestCode 230) in the Dry Ash Property Groups											Data units: mg/kg
	SRB1609			SRB1610			SRB1611			SRB1612	
Grand Median	27.1			56.3			8.67			125.9	
Median Abs Dev											
Avg Within Lab SD	2.0			1.5			1.61			5.5	
Labs Included	3			3			2			3	
Labs Reporting	3			3			2			3	



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B (SubTestCode 231) in the Dry Ash Property Groups Data units: mg/kg

WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XKVZJ	37.17	0.00	0.10	6.60	-0.73	0.19	10.27	-0.48	0.25	84.53	0.15	0.16
49UBX3	39.01	0.39	0.18	7.05	-0.37	0.47	10.85	-0.15	0.31	84.26	0.12	0.31
6VMYML	35.00	-0.45	0.02	7.49	0.00	0.11	10.05	-0.61	0.37	78.19	-0.52	0.32
9UGTRV	41.67	0.94	0.28	9.33	1.52	1.07	13.67	1.49	0.68	84.00	0.10	0.22
FNPW7R	35.89	-0.27	1.47	7.67	0.15	1.81	11.40	0.17	1.45	80.91	-0.23	0.02
K7QAQ2	43.26	1.27	0.40	8.60	0.92	0.87	13.06	1.14	0.41	101.08	1.91	1.39
R6WUGR	31.37	-1.21	0.22	5.20	-1.89	0.19	7.87	-1.88	0.25	67.73	-1.63	0.21
RPJJQJ	39.16	0.42	1.75	7.81	0.26	0.73	11.10	0.00	0.48	83.10	0.00	1.18
TMPAXU	31.83	-1.12	1.86	7.21	-0.23	1.72	11.37	0.16	2.38	69.83	-1.41	2.32

B (SubTestCode 231) in the Dry Ash Property Groups Data units: mg/kg

	SRB1609	SRB1610	SRB1611	SRB1612
Grand Median	37.2	7.49	11.1	83.1
Median Abs Dev	2.2	0.45	0.8	2.2
Avg Within Lab SD	2.1	0.54	0.8	4.6
Labs Included	9	9	9	9
Labs Reporting	9	9	9	9



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Zn (SubTestCode 232) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	46.7	0.9	0.5	13.8	0.0	0.6	19.8	-0.4	0.7	82.1	2.0	0.4	
6VMYML	37.6	-1.4	0.7	13.3	-0.2	1.3	24.7	1.1	0.8	79.2	0.9	1.2	
9UGTRV	47.7	1.2	0.3	16.0	0.8		22.3	0.4	0.7	75.7	-0.4	0.6	
FNPW7R	42.8	-0.1	2.0	12.1	-0.7	0.7	19.6	-0.4	0.5	75.3	-0.5	1.2	
K7QAQ2	41.7	-0.3	1.0	13.9	0.0	0.6	16.3	-1.4	1.3	77.0	0.1	0.1	
R6WUGR	43.4	0.1	0.6	19.7	2.3	1.5	22.5	0.4	1.5	76.3	-0.1	1.6	
RPJJQJ	5.5	-9.7X	0.4	1.7	-4.7X	0.1	2.0	-5.5X	0.0	8.8	-25.0X	0.2	

Zn (SubTestCode 232) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1609	SRB1610	SRB1611	SRB1612		
Grand Median	43.1	13.8	21.1	76.7		
Median Abs Dev	2.5	1.2	1.5	1.2		
Avg Within Lab SD	1.9	0.5	0.8	1.9		
Labs Included	6	6	6	6		
Labs Reporting	7	7	7	7		



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Mn (SubTestCode 233) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	123.0	0.6	0.1	18.0	0.7		33.3	0.4	0.4	31.0	1.2		
6VMYML	106.8	-0.3	0.1	18.7	1.2	0.4	32.6	0.3	0.5	26.8	-0.4	0.3	
9UGTRV	117.0	0.3		16.3	-0.5	0.7	29.3	-0.3	0.4	27.0	-0.3		
FNPW7R	127.6	0.9	0.3	17.0	0.0	1.5	34.1	0.6	2.3	31.3	1.3	1.9	
K7QAQ2	80.6	-1.7	2.2	17.0	0.0	1.2	22.1	-1.7	0.2	28.6	0.3	0.4	
R6WUGR	106.6	-0.3	0.0	14.9	-1.6	0.7	27.3	-0.7	0.4	26.2	-0.6	0.1	
RPJJQJ	14.5	-5.4X	0.1	2.1	-10.9X	0.1	3.5	-5.2X	0.1	3.3	-9.1X	0.1	

Mn (SubTestCode 233) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1609	SRB1610	SRB1611	SRB1612		
Grand Median	111.9	17.0	31.0	27.8		
Median Abs Dev	8.2	0.8	2.7	1.3		
Avg Within Lab SD	27.4	0.8	1.3	1.5		
Labs Included	6	6	6	6		
Labs Reporting	7	7	7	7		



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Fe (SubTestCode 234) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	31.0	-0.7	0.5	70.7	0.2	0.7	27.7	0.0	0.4	86.7	0.0	0.8	
6VMYML	31.4	-0.6	0.7	63.5	-0.4	0.5	29.8	0.4	0.6	72.3	-0.9	0.9	
9UGTRV	34.7	-0.1	0.3	60.3	-0.7	0.4	31.0	0.6		83.7	-0.2	0.9	
FNPW7R	35.3	0.0	0.8	68.2	0.0	1.0	27.3	-0.1	0.4	86.9	0.0	1.6	
K7QAQ2	41.2	1.0	0.7	50.9	-1.5	0.9	22.4	-0.9	1.2	120.1	2.0	1.1	
R6WUGR	40.5	0.9	0.6	90.0	1.9	2.0	18.8	-1.5	0.3	105.6	1.2	0.7	
RPJJQJ	43.8	1.4	2.2	69.5	0.1	0.5	36.0	1.4	1.9	93.5	0.4	0.7	

Fe (SubTestCode 234) in the Dry Ash Property Groups					Data units: mg/kg			
	SRB1609		SRB1610		SRB1611		SRB1612	
Grand Median	35.3		68.2		27.7		86.9	
Median Abs Dev	4.3		4.6		3.3		6.6	
Avg Within Lab SD	2.1		2.8		1.3		2.5	
Labs Included	7		7		7		7	
Labs Reporting	7		7		7		7	



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Cu (SubTestCode 235) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XKVZJ	8.97	-0.11	0.90	6.03	-0.11	0.32	5.70	-0.15	0.00	43.00	0.67	1.54	
6VMYML	10.53	0.72	0.68	7.12	0.44	0.49	6.22	0.15	1.70	44.97	1.25	0.60	
9UGTRV	9.17	0.00	0.26	5.63	-0.31	0.59	5.97	0.00	0.27	39.77	-0.28	0.19	
FNPW7R	9.11	-0.03	0.81	6.25	0.00	0.73	5.87	-0.05	1.25	40.71	0.00	0.51	
K7QAQ2	6.97	-1.15	0.17	3.56	-1.36	0.50	2.88	-1.77	0.69	36.19	-1.32	0.53	
R6WUGR	12.83	1.93	0.71	10.03	1.92	0.54	9.57	2.06	0.27	39.33	-0.40	1.53	
RPJJQJ	10.66	0.78	2.12	7.39	0.58	2.29	6.89	0.53	1.39	43.48	0.81	1.16	

Cu (SubTestCode 235) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1609		SRB1610		SRB1611	
Grand Median	9.17		6.25		5.97	
Median Abs Dev	1.37		0.87		0.27	
Avg Within Lab SD	0.45		0.64		0.22	
Labs Included	7		7		7	
Labs Reporting	7		7		7	



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Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
FNPW7R	0.36		0.25	0.31		0.42	0.48		0.09	0.27	0.48
R6WUGR	0.15		1.71				0.35		1.73		0.48
TMPAXU	0.04		0.14	0.76		1.35	0.05		0.05	0.14	1.33

Mo (SubTestCode 236) in the Dry Ash Property Groups					Data units: mg/kg
	SRB1609	SRB1610	SRB1611	SRB1612	
Grand Median	0.15	0.54	0.35	0.21	
Median Abs Dev					
Avg Within Lab SD	0.04	0.10	0.12	0.02	
Labs Included	3	2	3	2	
Labs Reporting	3	2	3	2	



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As (SubTestCode 237) in the Heavy Metals Property Groups Data units: mg/kg

WebCode	SRB1609			SRB1610			SRB1611			SRB1612		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	0.039	-0.880	1.336	0.208		0.313	0.187		1.732	0.425	2.931	2.094
4R8WJB	0.048	0.000	0.108	0.042		0.015	0.006		0.000	0.153	0.172	0.112
F82HRY	0.049	0.134	0.125	0.038		0.102				0.136	0.000	0.099
FNPW7R	0.028	-2.057	1.479	0.091		1.973	0.011		0.000	0.113	-0.225	0.743
NZA2V2	0.051	0.301								0.131	-0.044	0.198

As (SubTestCode 237) in the Heavy Metals Property Groups Data units: mg/kg

	SRB1609	SRB1610	SRB1611	SRB1612
Grand Median	0.048	0.066	0.011	0.14
Median Abs Dev	0.003			0.02
Avg Within Lab SD	0.009	0.040	0.037	0.05
Labs Included	5	4	3	5
Labs Reporting	5	4	3	5



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Ba (SubTestCode 238) in the Heavy Metals Property Groups													Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	42.6	0.5	0.4	12.6	0.3	0.0	1.8	0.6	1.1	72.9	0.6	0.7		
4R8WJB	45.4	1.0	0.5	12.3	0.1	0.6	1.6	-0.3	0.5	78.9	1.5	1.1		
6PY2EX	15.9	-4.1X	0.1	34.7	15.8X	0.6	22.0	74.4X	14.6	69.8	0.0	1.1		
ACHTLG	38.8	-0.2	0.7	11.5	-0.5	0.6	1.7	0.3	0.4	63.3	-1.0	1.0		
F82HRY	40.1	0.0	1.2	12.1	-0.1	1.2	1.5	-0.4	1.6	69.3	0.0	0.4		
FJWRE9	39.6	0.0	2.0	12.9	0.5	1.4	1.7	0.3	2.1	67.1	-0.4	2.0		
FNPW7R	37.9	-0.3	1.2	11.3	-0.6	0.5	2.1	1.6	0.5	65.0	-0.8	0.4		
NZA2V2	43.5	0.6	0.9	12.3	0.1	2.0	1.6	-0.3	0.4	70.8	0.2	1.1		
RNM9TV	45.0	0.9	0.2	13.2	0.7	0.5	1.8	0.5	0.3	75.2	0.9	0.3		
RQRV9K	26.0	-2.4	0.8	8.4	-2.6	0.4	1.3	-1.3	1.0	40.4	-4.8X	0.9		
YM8EU9	35.2	-0.8	0.6	10.4	-1.2	1.0	1.3	-1.2	0.3	62.1	-1.2	0.0		

Ba (SubTestCode 238) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1609	SRB1610	SRB1611	SRB1612		
Grand Median	39.9	12.2	1.64	69.6		
Median Abs Dev	3.2	0.7	0.12	4.0		
Avg Within Lab SD	1.2	0.5	0.10	1.3		
Labs Included	10	10	10	10		
Labs Reporting	11	11	11	11		



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Cd (SubTestCode 239) in the Heavy Metals Property Groups													Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	0.03	-0.63	0.95	0.25	-0.64	0.87	0.03	0.08	1.35	0.01	-0.03	0.00		
4R8WJB	0.06	0.00	0.20	0.29	0.25	0.51	0.03	0.01	0.07	0.01	0.00	0.00		
6PY2EX	0.08	0.34	2.51	1.68	31.05X	12.06	4.90	98.59X	50.99	2.85	56.01X	41.46		
ACHTLG	0.07	0.06	0.25	0.27	-0.18	0.57	0.03	-0.01	0.36	0.01	0.00	0.46		
ERD28B	0.25	3.71	1.13	0.31	0.73	0.30	0.24	4.33	1.90	0.20	3.88	2.33		
F82HRY	0.05	-0.19	0.31	0.28	0.01	0.19	0.03	-0.07	0.33	0.01	-0.02	0.19		
FNPW7R	0.07	0.13	0.58	0.28	0.01	2.15	0.05	0.46	1.53	0.01	0.11	0.57		
NZA2V2	0.06	-0.13	0.09	0.28	0.00	1.26	0.03	-0.03	0.00					
RQRV9K	0.02	-0.88	0.00	0.15	-2.83	0.35	0.01	-0.40	0.00					
YM8EU9				0.22	-1.41	1.09								

Cd (SubTestCode 239) in the Heavy Metals Property Groups													Data units: mg/kg	
	SRB1609			SRB1610			SRB1611			SRB1612				
Grand Median	0.063			0.28			0.030			0.007				
Median Abs Dev	0.010			0.01			0.004			0.001				
Avg Within Lab SD	0.011			0.02			0.008			0.004				
Labs Included	9			9			8			6				
Labs Reporting	9			10			9			7				



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Co (SubTestCode 240) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	0.06	-1.14	0.40	0.28	-0.49	0.24	0.09	0.00	1.16	0.11	0.00	0.70	
4R8WJB	0.10	0.02	0.16	0.28	-0.48	0.10	0.09	0.05	0.47	0.11	0.08	0.03	
ACHTLG	0.19	2.02	0.80	0.30	-0.38	0.12	0.09	0.08	0.46	0.09	-0.41	0.09	
BXC42Z	0.07	-0.87	0.20	0.43	0.18	0.18	0.09	-0.25	0.98	0.12	0.18	1.51	
F82HRY	0.09	-0.29	0.20	0.51	0.57	1.55	0.08	-0.40	0.89	0.09	-0.30	0.40	
FNPW7R	0.10	0.00	0.22	0.39	0.00	0.62	0.11	0.81	0.40	0.11	-0.08	0.14	
NZA2V2				0.84	2.07							0.03	
RQRV9K	0.12	0.38	2.46	0.17	-0.99	0.21	0.03	-3.12	1.82	0.32	3.67	2.01	
YM8EU9				0.59	0.91							1.51	

Co (SubTestCode 240) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB1609	SRB1610	SRB1611	SRB1612	
Grand Median	0.10	0.39	0.09	0.11	
Median Abs Dev	0.02	0.11	0.00	0.01	
Avg Within Lab SD	0.03	0.19	0.02	0.02	
Labs Included	7	9	7	7	
Labs Reporting	7	9	7	7	



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Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	0.76	-0.19	0.05	0.33	-0.59	0.45	2.59	-0.26	0.24	2.74	-0.07	0.82	
4R8WJB	1.21	0.00	0.28	0.49	-0.08	0.12	2.85	0.08	0.57	3.34	0.54	0.41	
6PY2EX	0.28	-0.40	0.05				2.04	-0.96	1.78	1.99	-0.84	1.01	
ACHTLG	1.20	0.00	0.12	0.48	-0.11	0.25	2.93	0.18	0.41	2.79	-0.02	0.74	
F82HRY	6.41	2.26	2.20	0.51	0.00	0.15	2.66	-0.17	1.82	2.75	-0.06	2.12	
FJWRE9	2.62	0.61	0.50	1.70	3.71	2.68	5.27	3.18	2.06	6.50	3.80	1.10	
FNPW7R	1.14	-0.03	0.04	0.68	0.52	0.66	3.01	0.29	0.15	2.95	0.15	0.29	
NZA2V2	7.68	2.81	1.65				2.74	-0.06	0.06	2.82	0.02	0.13	
RNM9TV							3.48	0.88	0.50	3.51	0.72	0.70	
RQRV9K	2.18	0.42	1.74	0.27	-0.75	0.25	1.56	-1.58	0.17	1.40	-1.45	0.21	
WCXZYA	2.53	0.57	0.21	0.60	0.27	1.01	2.83	0.06	0.64	3.17	0.37	1.76	
YM8EU9	0.92	-0.12	0.07	0.52	0.03	0.05	2.48	-0.40	0.10	2.75	-0.06	0.38	

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1609	SRB1610	SRB1611	SRB1612		
Grand Median	1.21	0.51	2.79	2.81		
Median Abs Dev	0.93	0.09	0.21	0.25		
Avg Within Lab SD	1.42	0.10	0.24	0.18		
Labs Included	11	9	12	12		
Labs Reporting	11	9	12	12		



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Pb (SubTestCode 242) in the Heavy Metals Property Groups													Data units: mg/kg	
WebCode	SRB1609			SRB1610			SRB1611			SRB1612				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	0.26	0.50	1.07	0.75	2.21	2.01	0.26	0.54	1.35	0.01	-0.55	0.00		
4R8WJB	0.08	-0.50	0.10	0.34	0.00	0.27	0.01	-0.81	0.02	0.13	0.02	0.00		
6PY2EX	7.62	41.70X		11.05	57.16X	12.60	7.30	38.22X	8.22	7.09	34.05X	30.33		
ACHTLG	0.05	-0.64	0.23	0.23	-0.57	0.28	0.02	-0.75	0.31	0.12	-0.02	0.02		
F82HRY	0.07	-0.56	0.03	0.32	-0.09	0.03				0.11	-0.07	0.14		
FNPW7R	0.27	0.56	1.85	0.55	1.12	1.53	0.16	0.00	0.52	0.64	2.55	2.02		
NZA2V2				0.33	-0.02	0.62								
RQRV9K	0.40	1.28	1.18	0.47	0.71	0.25	0.40	1.26	1.68	0.30	0.85	1.38		

Pb (SubTestCode 242) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1609		SRB1610		SRB1611	
Grand Median	0.17		0.34		0.16	
Median Abs Dev	0.10		0.11		0.14	
Avg Within Lab SD	0.04		0.11		0.05	
Labs Included	6		7		5	
Labs Reporting	7		8		6	



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Sr (SubTestCode 243) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB1609			SRB1610			SRB1611			SRB1612			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	132.7	1.2	0.4	14.0	0.8	0.0	2.2	3.5	0.0	253.9	1.1	0.6	
4R8WJB	129.0	0.8	0.3	12.5	0.0	0.7	1.1	-0.1	2.6	250.7	1.0	1.0	
6PY2EX	18.3	-11.0X	0.0	9.4	-1.8	0.1	248.3	824.0X	78.4	79.6	-7.6X	0.4	
BXC42Z	117.8	-0.4	0.5	11.8	-0.4	0.6	1.1	-0.4	0.3	224.8	-0.3	0.9	
F82HRY	121.7	0.0	0.8	13.1	0.3	1.5	1.2	0.0	0.4	231.3	0.0	1.7	
FJWRE9	118.3	-0.4	2.2							223.3	-0.4	1.7	
FNPW7R	117.9	-0.4	1.3	11.7	-0.5	0.5	1.2	0.0	0.7	218.4	-0.6	0.5	
NZA2V2	123.0	0.1	0.9	13.1	0.3	2.2	1.2	0.1	0.5	242.3	0.5	0.9	
RNM9TV	133.7	1.3	0.5	14.4	1.1	0.7	1.5	0.9	0.2	253.3	1.1	0.4	
YM8EU9	107.2	-1.5	0.4	11.0	-0.9	0.4	1.1	-0.3	0.2	211.8	-1.0	0.2	

Sr (SubTestCode 243) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB1609		SRB1610		SRB1611
Grand Median	121.7		12.5		1.18
Median Abs Dev	3.9		0.8		0.07
Avg Within Lab SD	3.0		0.4		0.05
Labs Included	9		9		8
Labs Reporting	10		9		9



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PH (SubTestCode 301)											Data units:
WebCode	SRW1607			SRW1608			SRW1609				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2FLT8L	8.52	-0.25	0.00	7.91	-2.34	0.00	7.96	-0.40	0.00		
49UBX3	8.65	0.87	0.41	8.42	-0.51	0.20	8.34	1.50	0.00		
4PHQYE	8.58	0.25		8.82	0.95		7.99	-0.25			
8VFE7W	8.32	-1.94	0.54	8.40	-0.57	0.38	7.99	-0.27	0.20		
9PQEAF	8.58	0.25	1.94	8.57	0.05	0.92	8.25	1.04	0.89		
9UGTRV	8.45	-0.84	0.93	8.24	-1.16	0.77	8.08	0.22	0.66		
ACHTLG	8.60	0.45	0.16	8.67	0.42	0.32	7.98	-0.32	0.34		
BQR7BR	8.57	0.20	0.82	8.41	-0.53	0.34	7.80	-1.19	0.41		
JVDQTZ	8.51	-0.37	0.31	8.19	-1.31	0.39	8.33	1.44	0.28		
K7QAQ2	8.39	-1.35	0.54	8.75	0.69	0.07	8.10	0.30	0.00		
MNZ9NU	8.48	-0.59	0.81	8.71	0.54	0.15	8.04	0.00	0.35		
RBM6QP	8.60	0.45		8.38	-0.63		8.37	1.65			
RNM9TV	8.55	0.00	0.00	8.62	0.24	0.15	7.99	-0.25	0.13		
RQRV9K	8.37	-1.49	0.41	8.62	0.23	1.14	8.10	0.28	0.73		
WCXZYA	8.65	0.82	2.82	8.56	0.00	3.26	8.35	1.54	3.56		
YK4JB6	8.56	0.08	0.27	8.61	0.19	0.26	7.95	-0.43	0.08		
Z4WJZF	8.40	-1.26	0.00	8.25	-1.11		7.96	-0.38	0.08		
PH (SubTestCode 301)											Data units:
	SRW1607			SRW1608			SRW1609				
Grand Median	8.55			8.56			8.04				
Median Abs Dev	0.05			0.15			0.08				
Avg Within Lab SD	0.04			0.08			0.08				
Labs Included	17			17			17				
Labs Reporting	17			17			17				



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EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	0.48	-1.12	0.12	0.25	0.11	0.00	0.91	-0.59	0.00
49UBX3	0.50	0.38		0.26	1.06	0.00	0.94	0.41	0.00
4PHQYE	0.49	-0.33		0.25	-0.60		0.91	-0.62	
8VFE7W	0.47	-2.00	1.87	0.25	-0.52	2.12	0.84	-2.50	1.57
9PQEAF	0.49	-0.10	0.71	0.25	-0.13		0.92	-0.30	1.04
9UGTRV	0.50	0.14	1.87	0.25	0.27	2.12	0.93	0.01	1.04
ACHTLG	0.51	0.90	0.29	0.26	0.67	0.71	0.95	0.74	0.26
BQR7BR	0.49	-0.33	0.00	0.24	-1.32	0.00	0.93	0.21	0.39
JVDQTZ	0.47	-1.86	0.25	0.24	-1.00	0.48	0.87	-1.66	0.23
K7QAQ2	0.42	-5.48X	0.12	0.22	-4.22X	0.21	0.76	-4.94X	0.08
MNZ9NU	0.50	0.38		0.25	-0.13		0.93	0.11	0.00
RBM6QP	0.56	4.95X		0.29	4.76X		0.98	1.52	
RNM9TV	0.49	0.00	0.19	0.25	0.00	0.31	0.93	-0.01	0.27
RQRV9K	0.47	-1.52	0.71	0.24	-1.32	0.00	0.88	-1.30	0.39
WCXZYA	0.50	0.17	1.83	0.26	1.33	1.44	0.91	-0.36	2.96
YK4JB6	0.50	0.14	0.71	0.26	0.47	0.37	0.93	0.24	0.37
Z4WJZF	0.51	0.74	0.00	0.26	1.18	0.00	0.94	0.26	0.00

EC (SubTestCode 302)

Data units: dS/m

	SRW1607	SRW1608	SRW1609
Grand Median	0.49	0.25	0.93
Median Abs Dev	0.01	0.01	0.01
Avg Within Lab SD	0.01	0.00	0.01
Labs Included	15	15	16
Labs Reporting	17	17	17



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Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	1.12	-0.07	0.06	0.65	0.39	0.03	4.11	0.00	0.37
49UBX3	1.33	1.12	0.52	0.74	2.11	0.03	4.43	0.85	0.43
4PHQYE	1.21	0.42	0.72	0.69	1.19	0.13	4.27	0.43	2.81
8VFE7W	1.11	-0.16	1.01	0.62	-0.23	0.10	4.08	-0.08	0.29
9PQEAF	1.09	-0.30	1.59	0.60	-0.55	0.44	3.88	-0.61	1.11
9UGTRV	1.13	-0.02	1.27	0.63	0.08	0.96	3.90	-0.56	0.00
ACHTLG	1.14	0.02	0.84	0.62	-0.08	0.18	4.11	0.00	0.62
BQR7BR	1.25	0.69	1.21	0.71	1.48	0.52	4.20	0.25	0.91
JVDQTZ	0.90	-1.38	0.28	0.62	-0.11	3.39	3.15	-2.59	0.30
K7QAQ2	1.05	-0.50	0.64	0.60	-0.49	0.26	3.43	-1.83	0.11
MNZ9NU	1.18	0.26	0.08	0.65	0.47	0.05	4.16	0.13	0.29
RBM6QP	1.70	3.35		0.61	-0.28		4.10	-0.03	
RNM9TV	1.11	-0.18	0.09	0.62	-0.21	0.03	3.93	-0.47	0.08
RQRV9K	2.18	6.23X	2.87	2.98	44.46X	8.35	4.50	1.06	0.06
YK4JB6	1.30	0.97	2.09	0.72	1.76	0.18	4.57	1.24	1.75

Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

	SRW1607	SRW1608	SRW1609
Grand Median	1.14	0.63	4.11
Median Abs Dev	0.06	0.02	0.18
Avg Within Lab SD	0.05	0.06	0.09
Labs Included	14	14	15
Labs Reporting	15	15	15



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Mg (SubTestCode 304) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW1607			SRW1608			SRW1609			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	3.29	0.29	0.17	1.54	0.62	0.06	3.94	-0.48	0.36	
49UBX3	3.25	0.13	0.35	1.52	0.51	0.12	4.05	-0.08	0.25	
4PHQYE	3.40	0.80	0.96	1.65	1.66	0.61	4.24	0.68	2.27	
8VFE7W	3.55	1.45	0.22	1.71	2.19	0.66	4.31	0.97	0.61	
9PQEAF	2.92	-1.34	0.51	1.39	-0.70	0.57	3.78	-1.13	0.46	
9UGTRV	2.97	-1.12	1.94	1.47	0.00	1.24	4.07	0.00	1.63	
ACHTLG	3.38	0.72	0.27	1.41	-0.54	0.13	4.19	0.50	0.22	
BQR7BR	3.21	-0.06	2.08	1.49	0.20	2.23	3.96	-0.42	1.72	
JVDQTZ	3.05	-0.75	0.47	1.42	-0.42	0.18	3.77	-1.17	0.35	
K7QAQ2	3.02	-0.88	0.93	1.37	-0.87	0.19	3.72	-1.36	0.07	
MNZ9NU	3.22	0.00	0.21	1.47	-0.01	0.24	4.10	0.15	0.18	
RBM6QP	3.30	0.35		1.43	-0.33		4.10	0.13		
RNM9TV	3.19	-0.15	0.17	1.47	0.00	0.04	3.94	-0.48	0.08	
RQRV9K	3.06	-0.72	0.70	3.23	16.08X	7.26	4.25	0.72		
YK4JB6	3.53	1.35	1.68	1.62	1.40	2.28	4.54	1.85	1.11	

Mg (SubTestCode 304) in the Cations Property Groups										Data units: mmolc/L
	SRW1607			SRW1608			SRW1609			
Grand Median	3.22			1.47			4.07			
Median Abs Dev	0.16			0.06			0.13			
Avg Within Lab SD	0.08			0.05			0.09			
Labs Included	15			14			15			
Labs Reporting	15			15			15			



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Na (SubTestCode 305) in the Cations Property Groups Data units: mmolc/L

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	1.02	0.14	0.03	0.48	0.32	0.05	2.30	0.04	0.26
49UBX3	1.01	0.00	0.06	0.47	0.00	0.10	2.30	0.05	0.23
4PHQYE	1.07	0.61	0.39	0.53	1.74	0.09	2.40	0.56	1.40
8VFE7W	1.01	0.00	0.21	0.47	-0.24	0.20	2.29	0.00	0.42
9PQEAF	0.99	-0.13	1.40	0.46	-0.57	1.69	2.21	-0.47	0.99
9UGTRV	0.97	-0.39	1.06	0.47	-0.24	1.97	2.07	-1.23	1.21
ACHTLG	1.14	1.31	0.68	0.50	0.79	0.38	2.43	0.73	0.49
BQR7BR	0.98	-0.30	1.47	0.48	0.37	1.30	2.19	-0.58	1.27
JVDQTZ	1.11	1.01	0.15	0.49	0.38	0.17	2.56	1.46	0.29
K7QAQ2	0.95	-0.51	0.22	0.44	-1.24	0.17	2.09	-1.09	0.52
MNZ9NU	0.94	-0.63	0.25	0.46	-0.43	0.35	2.17	-0.68	0.64
RBM6QP	0.91	-0.99		0.42	-1.66		0.20	-11.38X	
RNM9TV	1.08	0.67	1.02	0.49	0.48	0.08	2.31	0.09	0.07
RQRV9K	1.24	2.25	0.55	1.52	34.98X	7.41	2.18	-0.62	0.00
YK4JB6	1.11	0.96	2.75	0.49	0.44	2.26	2.52	1.21	2.75
Z4WJZF	0.92	-0.87	0.18	0.44	-1.23	0.26	2.06	-1.29	0.32

Na (SubTestCode 305) in the Cations Property Groups Data units: mmolc/L

	SRW1607	SRW1608	SRW1609
Grand Median	1.01	0.47	2.29
Median Abs Dev	0.06	0.01	0.11
Avg Within Lab SD	0.05	0.03	0.10
Labs Included	16	15	15
Labs Reporting	16	16	16



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K (SubTestCode 306) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW1607			SRW1608			SRW1609			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	0.21	0.36	0.09	0.10	-0.02	0.13	0.09	-0.17	0.40	
49UBX3	0.21	0.28	0.07	0.11	0.56	0.08	0.10	1.07	0.26	
4PHQYE	0.22	0.67	0.85	0.11	0.87	0.12	0.09	0.04	2.40	
8VFE7W	0.20	0.00	0.52	0.10	0.02	0.00	0.09	-0.13	0.00	
9PQEAF	0.21	0.53	2.91	0.10	0.25	2.58	0.10	0.59	2.00	
ACHTLG	0.20	-0.26	0.50	0.08	-1.06	1.03	0.07	-1.82	0.65	
BQR7BR	0.25	2.31	0.84	0.13	2.27	2.05	0.13	3.69X	2.83	
JVDQTZ	0.18	-1.18	0.24	0.08	-1.10	0.83	0.09	0.00	0.15	
K7QAQ2	0.18	-1.33	0.37	0.08	-1.59	0.08	0.07	-2.13	0.13	
MNZ9NU	0.20	-0.25	0.41	0.10	-0.11	0.45	0.09	0.34	1.12	
RBM6QP	0.19	-0.55		0.10	-0.32		0.09	-0.45		
RNM9TV	0.22	0.92	1.09	0.11	0.45	0.17	0.10	0.60	0.19	
RQRV9K	0.10	-5.33X	0.52	0.09	-0.66	0.00	0.09	-0.13	0.00	
Z4WJZF	0.20	-0.12	0.16	0.10	0.16	0.39	0.10	1.31	0.53	

K (SubTestCode 306) in the Cations Property Groups										Data units: mmolc/L
	SRW1607			SRW1608			SRW1609			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	0.20			0.10			0.09			
Median Abs Dev	0.01			0.01			0.00			
Avg Within Lab SD	0.01			0.00			0.00			
Labs Included	13			14			13			
Labs Reporting	14			14			14			



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

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L				0.001		0.000	0.021	1.655	2.046
8VFE7W				0.010		0.000	0.010	0.000	0.000
ACHTLG	0.001		0.066	0.002		2.000	0.008	-0.236	0.862
BQR7BR	0.013		1.413	0.010		0.000	0.006	-0.621	0.000
RNM9TV							0.016	0.860	0.263

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

	SRW1607	SRW1608	SRW1609
Grand Median	0.007	0.006	0.010
Median Abs Dev			0.004
Avg Within Lab SD	0.000	0.000	0.001
Labs Included	2	4	5
Labs Reporting	2	4	5



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Sum Cations (SubTestCode 308) in the Cations Property Groups Data units: mmolc/L

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	5.64	-0.64	0.13	2.77	-0.05	0.01	10.46	-1.39	0.53
49UBX3	5.79	-0.13	0.37	2.84	0.01	0.01	10.88	0.32	0.34
8VFE7W	5.87	0.14	0.20	2.90	0.05	0.08	10.79	-0.06	0.62
ACHTLG	5.87	0.13	0.32	2.62	-0.16	0.02	10.81	0.06	0.35
BQR7BR	5.69	-0.46	2.28	2.82	-0.01	0.41	10.48	-1.32	2.26
RQRV9K	6.58	2.56	0.72	7.82	3.77	2.41	11.02	0.91	0.06

Sum Cations (SubTestCode 308) in the Cations Property Groups Data units: mmolc/L

	SRW1607	SRW1608	SRW1609
Grand Median	5.83	2.83	10.8
Median Abs Dev	0.09	0.07	0.1
Avg Within Lab SD	0.13	0.44	0.2
Labs Included	6	6	6
Labs Reporting	6	6	6



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SAR (SubTestCode 309) in the Cations Property Groups **Data units:**

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	0.69	0.48	0.00	0.46	0.37	0.05	1.15	0.48	0.26
8VFE7W	0.66	-0.09	0.43	0.43	-1.05	0.34	1.12	0.22	0.38
9UGTRV	0.67	0.09	2.17	0.47	0.56	1.96	1.03	-0.51	1.88
JVDQTZ	0.76	1.87	0.05	0.46	0.26	0.95	1.30	1.79	0.49
MNZ9NU	0.64	-0.48	0.32	0.45	-0.26	0.38	1.07	-0.22	1.00
RBM6QP	0.61	-1.02		0.42	-1.54		1.00	-0.83	
RQRV9K	2.00	24.69X	2.44	2.69	98.29X	19.17	4.56	30.26X	0.00

SAR (SubTestCode 309) in the Cations Property Groups **Data units:**

	SRW1607	SRW1608	SRW1609
Grand Median	0.66	0.45	1.09
Median Abs Dev	0.03	0.01	0.06
Avg Within Lab SD	0.03	0.03	0.03
Labs Included	6	6	6
Labs Reporting	7	7	7



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Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
WebCode	SRW1607			SRW1608			SRW1609			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9UGTRV	0.67		1.34	0.40		0.00	1.10		1.41	
RQRV9K	0.71		0.46	0.84		1.41	1.12		0.00	

Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
	SRW1607			SRW1608			SRW1609			
Grand Median		0.69			0.62			1.11		
Median Abs Dev										
Avg Within Lab SD		0.04			0.06			0.07		
Labs Included		2			2			2		
Labs Reporting		2			2			2		



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HCO3 (SubTestCode 311) in the Anions Property Groups Data units: mmolc/L

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	3.45	-0.32	0.00	1.83	0.25	0.00	2.56	-0.28	0.00
49UBX3	3.89	0.76	0.53	1.83	0.25	1.78	2.67	0.28	1.69
4PHQYE	3.49	-0.21	0.53	1.62	-0.93	0.91	2.44	-0.90	0.83
8VFE7W	3.90	0.77	0.00	1.90	0.65	0.00	2.70	0.45	0.00
9PQEAF	3.38	-0.48	0.51	1.61	-0.96	1.50	2.54	-0.36	0.57
9UGTRV	3.67	0.21	1.91	1.60	-1.04	0.00	2.80	0.97	0.00
ACHTLG	4.06	1.17	0.27	1.99	1.18	0.28	2.96	1.81	1.42
BQR7BR	2.85	-1.77	1.68	1.69	-0.55	0.91	2.54	-0.40	0.57
RBM6QP	3.36	-0.55	1.52	1.74	-0.25	1.68	2.49	-0.67	1.86
RQRV9K	3.79	0.52	0.58	1.91	0.68	0.17	2.73	0.62	0.57

HCO3 (SubTestCode 311) in the Anions Property Groups Data units: mmolc/L

	SRW1607	SRW1608	SRW1609
Grand Median	3.58	1.79	2.61
Median Abs Dev	0.22	0.12	0.10
Avg Within Lab SD	0.06	0.03	0.03
Labs Included	10	10	10
Labs Reporting	10	10	10



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CO3 (SubTestCode 312) in the Anions Property Groups Data units: mmolc/L

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	0.20	0.00	0.00						
8VFE7W	0.20	0.00	0.00	0.40		0.00			
9PQEAF	0.17	-0.16	0.61	0.12		1.66			
9UGTRV	0.07	-0.78	0.34						
ACHTLG	0.19	-0.07	0.06	0.11		0.40			
BQR7BR	0.80	3.53	2.35	0.13		1.03			
RBM6QP	0.23	0.19							

CO3 (SubTestCode 312) in the Anions Property Groups Data units: mmolc/L

	SRW1607	SRW1608	SRW1609
Grand Median	0.20	0.12	
Median Abs Dev	0.03		
Avg Within Lab SD	0.03	0.02	0.00
Labs Included	7	4	0
Labs Reporting	7	4	0



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CI (SubTestCode 313) in the Anions Property Groups Data units: mmolc/L

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	0.76	0.80	0.00	0.38	0.42	0.00	0.51	0.84	0.00
49UBX3	0.71	0.45	0.27	0.33	-0.21	0.13	0.48	0.41	0.07
4PHQYE	0.37	-2.10	0.00	0.39	0.54	0.01	0.38	-1.04	0.02
8VFE7W	0.61	-0.33	0.66	0.29	-0.69	0.00	0.41	-0.63	0.29
9PQEAF	0.58	-0.53	1.93	0.35	0.00	0.21	0.45	0.00	0.50
9UGTRV	0.70	0.32	1.49	0.36	0.16	3.24	0.49	0.53	3.04
ACHTLG	0.65	0.00	0.16	0.28	-0.82	0.17	0.41	-0.64	0.51
BQR7BR	0.78	0.90	2.02	0.38	0.36	0.45	0.53	1.19	0.81
JVDQTZ	0.46	-1.44	0.43	0.57	2.73	0.26	0.55	1.50	1.00
MNZ9NU	0.68	0.16	0.11	0.30	-0.58	0.00	0.43	-0.25	0.06
RBM6QP	0.93	2.06X	6.56	0.82	5.76X	18.57	0.75	4.34X	28.33
RNM9TV	0.66	0.06	0.03	0.31	-0.50	0.04	0.44	-0.21	0.21
RQRV9K	0.52	-1.03	0.83	0.47	1.50	0.73	0.52	1.02	0.00
YK4JB6	0.57	-0.64	1.25	0.33	-0.26	1.26	0.42	-0.49	1.19

CI (SubTestCode 313) in the Anions Property Groups Data units: mmolc/L

	SRW1607	SRW1608	SRW1609
Grand Median	0.65	0.35	0.45
Median Abs Dev	0.07	0.04	0.04
Avg Within Lab SD	0.03	0.03	0.02
Labs Included	13	13	13
Labs Reporting	14	14	14



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

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	0.071	0.268	0.283	0.041	0.797	0.000	0.005	-0.590	0.000
49UBX3	0.076	0.447	1.231	0.039	0.618	2.146	0.012	0.207	2.597
8VFE7W	0.093	1.009	1.632	0.137	7.727X	2.471			
9PQEAF	0.025	-1.257	1.999	0.030	0.000	0.000	0.050	4.720X	17.157
9UGTRV	0.037	-0.870	1.632	0.017	-0.966	2.471	0.010	0.000	
ACHTLG	0.059	-0.136	0.508	0.028	-0.161	0.562	0.018	0.955	0.500
BQR7BR	0.057	-0.196	0.000	0.021	-0.652	0.000	0.021	1.298	0.000
H7HGXW	0.037	-0.870	0.326	0.025	-0.386	1.308	0.012	0.275	0.700
K7QAQ2	0.077	0.474	0.183	0.041	0.801	0.254	0.003	-0.870	0.660
MNZ9NU	0.067	0.136	0.000	0.034	0.290	0.000	0.004	-0.708	0.000
RBM6QP	0.001	-2.059	0.116	0.001	-2.122	0.066	0.002	-0.903	1.259
RNM9TV	0.071	0.283	0.062	0.035	0.382	0.081			
RQRV9K	0.027	-1.202	1.632	0.010	-1.449	0.000	0.010	0.000	0.000
Z4WJZF	0.070	0.235	0.000	0.032	0.145	0.428	0.024	1.613	0.700

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

	SRW1607	SRW1608	SRW1609
Grand Median	0.063	0.030	0.010
Median Abs Dev	0.014	0.009	0.006
Avg Within Lab SD	0.004	0.002	0.001
Labs Included	14	13	11
Labs Reporting	14	14	12



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

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	1.00	0.86	0.02	0.46	0.00	0.09	7.35	0.00	0.62
49UBX3	0.91	0.00	0.05	0.45	-0.19	0.01	7.51	0.34	0.34
4PHQYE	0.85	-0.61	0.62				7.26	-0.18	0.34
8VFE7W	0.88	-0.28	0.09	0.38	-1.39	0.15	7.03	-0.63	0.25
9PQEAF	1.15	2.46	2.82	0.55	1.48	2.49	6.64	-1.43	2.87
9UGTRV	0.89	-0.25	0.09	0.41	-0.92	0.26	7.23	-0.24	0.27
ACHTLG	0.88	-0.33	0.17	0.41	-0.89	0.10	7.29	-0.12	0.13
BQR7BR	0.99	0.84	0.19	0.47	0.20	0.08	7.86	1.02	0.32
RBM6QP				0.48	0.23		8.27	1.85	
RQRV9K	3.28	24.08X	4.76	4.96	79.04X	25.06	7.87	1.04	0.03
YK4JB6	0.95	0.44	0.75	0.51	0.76	1.30	7.63	0.57	0.93

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

	SRW1607	SRW1608	SRW1609
Grand Median	0.91	0.46	7.35
Median Abs Dev	0.04	0.04	0.28
Avg Within Lab SD	0.07	0.04	0.17
Labs Included	9	9	11
Labs Reporting	10	10	11



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Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW1607			SRW1608			SRW1609			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2FLT8L	5.48	-0.29	0.03	2.71	0.06	0.08	10.42	-0.71	1.99	
49UBX3	5.59	0.29	0.34	2.65	-0.22	1.53	10.67	0.00	0.48	
8VFE7W	5.69	0.74	0.32	3.11	1.79	0.00	10.14	-1.51	0.88	
9UGTRV	5.35	-0.91	2.00	2.39	-1.37	1.81	10.52	-0.43	0.69	
ACHTLG	5.85	1.53	0.46	2.82	0.53	0.29	10.67	0.01	0.21	
BQR7BR	5.48	-0.29	1.25	2.69	-0.06	0.53	10.95	0.78	1.22	
RQRV9K	7.62	10.31X	4.74	7.35	20.36X	23.19	11.13	1.29	0.22	

Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
	SRW1607			SRW1608			SRW1609			
Grand Median	5.54			2.70			10.7			
Median Abs Dev	0.10			0.09			0.3			
Avg Within Lab SD	0.07			0.04			0.1			
Labs Included	6			6			7			
Labs Reporting	7			7			7			



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Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups Data units:

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	0.16	-0.10	0.11	0.05	-0.15	0.06	0.04	-0.25	0.12
49UBX3	0.20	0.02	0.40	0.19	0.34	0.78	0.21	0.26	0.50
8VFE7W	0.18	-0.02	0.09	-0.21	-1.06	0.42	0.65	1.62	0.53
ACHTLG	0.02	-0.63	0.12	-0.21	-1.05	0.22	0.14	0.05	0.31
BQR7BR	0.22	0.10	2.07	0.14	0.15	2.02	-0.47	-1.82	2.32
RQRV9K	1.04	3.16	1.23	0.47	1.30	1.05	0.11	-0.05	0.04

Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups Data units:

	SRW1607	SRW1608	SRW1609
Grand Median	0.19	0.10	0.12
Median Abs Dev	0.03	0.20	0.08
Avg Within Lab SD	0.17	0.09	0.15
Labs Included	6	6	6
Labs Reporting	6	6	6



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Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	0.052	-0.040	0.061	0.029	-0.010	0.146	0.137	0.682	0.263
49UBX3	0.059	0.077	0.061	0.030	0.096	0.000	0.130	0.287	0.076
4PHQYE							0.116	-0.572	0.059
8VFE7W	0.050	-0.079	0.000	0.030	0.096	0.000	0.110	-0.917	0.000
9UGTRV	0.063	0.144	0.612	0.037	0.801	0.845	0.133	0.465	0.760
ACHTLG	0.034	-0.347	0.113	0.008	-2.188	0.242	0.103	-1.318	0.329
BQR7BR	0.043	-0.191	0.612	0.023	-0.609	0.845	0.103	-1.312	1.520
K7QAQ2	0.378	5.408	2.427	0.286	27.202X	3.507	0.810	40.554X	8.316
RBM6QP	16.410	73.910X		0.038	0.942		0.139	0.800	
RNM9TV	0.057	0.040	0.030	0.029	0.010	0.077	0.125	0.000	0.099
RQRV9K	0.043	-0.191	0.612	0.013	-1.667	0.845	0.140	0.860	0.000
YK4JB6	0.068	0.228	1.723	0.026	-0.327	2.602	0.122	-0.206	2.630

Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

	SRW1607	SRW1608	SRW1609
Grand Median	0.055	0.029	0.13
Median Abs Dev	0.010	0.004	0.01
Avg Within Lab SD	0.009	0.007	0.01
Labs Included	10	10	11
Labs Reporting	11	11	12



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PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups										Data units: mg/L
WebCode	SRW1607			SRW1608			SRW1609			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ACHTLG	0.21		1.73	0.13		1.36	0.04		1.73	
K7QAQ2	0.21		0.00	0.07		1.19	0.11		0.00	
RNM9TV				0.00		0.03	0.02		0.20	
Z4WJZF	0.02		0.10	0.12		0.86	0.63		0.98	

PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups										Data units: mg/L
	SRW1607			SRW1608			SRW1609			
Grand Median		0.21			0.09			0.073		
Median Abs Dev										
Avg Within Lab SD		0.01			0.01			0.003		
Labs Included		3			4			4		
Labs Reporting		3			4			4		



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

Data units: mg/L

WebCode	SRW1607			SRW1608			SRW1609		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2FLT8L	0.013	-0.932	0.000	0.038	1.538	0.572	0.003	-1.404	0.286
49UBX3	0.020	0.000	0.000	0.020	0.237	0.000	0.047	0.617	0.596
8VFE7W	0.005	-1.997	0.000	0.006	-0.757	0.000	0.017	-0.756	0.000
BQR7BR	0.020	0.000	0.000	0.013	-0.237	2.162	0.053	0.926	1.652
RBM6QP				0.002	-1.041		0.052	0.864	
RNM9TV							0.030	-0.156	0.320
RQRV9K	0.023	0.444	2.236	0.020	0.237	0.000	0.033	0.000	1.652

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

Data units: mg/L

	SRW1607	SRW1608	SRW1609
Grand Median	0.020	0.017	0.033
Median Abs Dev	0.003	0.007	0.016
Avg Within Lab SD	0.003	0.003	0.003
Labs Included	5	6	7
Labs Reporting	5	6	7



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