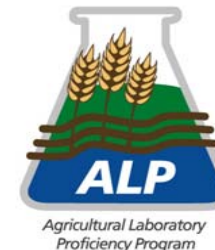


ALP Program

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 2018 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Fall 2018 (Cycle 37) was completed in November 2018, with participation by 104 labs from the United States, Canada, Guatemala, Honduras, South Africa, Italy, Ukraine, 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: SRS1811 a Cookport-Nallen complex silt loam collected from Raleigh, WV; SRS1812 a clay collected from near Division #2 Lethbridge, AB, CANADA; SRS1813 a Cecil clay loam collected from Anderson Cty, SC; SRS1814 a Brownton silty clay loam collected from Wright Cty, IA; and SRS1815 a Stayton silt loam collected from Marion Cty, OR. Standard Reference Botanical (SRB) materials were: SRB1809 hay silage from MN; SRB1810 box elder leaf composite; SRB1811 tall fescue leaf composite from ID and SRB1812 grape leaf composite from CA. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW1807 a source in OR, SRW1808 irrigation canal in CO, and SRW1809 a well in CO.

Laboratory Results were compiled and analyzed for each interlaboratory material and property. All analyses in the ALP Program are based on consensus and comparative statistics. Although the analysis techniques chosen to provide a robust evaluation, small group statistics are less reliable than large group statistics. No comparative results are provided for analyses with fewer than 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	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	62.7	0.6		68.3	1.1		43.0	0.0		66.6	1.5		67.9	1.0		
3QBVGA	56.2	-0.3	0.1	56.5	-0.1	0.2	35.9	-1.0	0.5	53.4	0.0	0.3	58.6	-0.2	0.8	
7UXQMX	60.0	0.2		57.3	0.0	0.3	43.3	0.1	0.4	54.3	0.1	0.4	63.0	0.4		
84ZJFP	50.7	-1.1	1.2	52.5	-0.5	0.3	33.5	-1.3	0.8	50.0	-0.4	0.3	56.5	-0.5	1.6	
AGZ24U	58.3	0.0	1.3	58.7	0.1	1.7	43.3	0.1	0.4	51.7	-0.2	2.1	60.0	0.0	0.8	
ATCG3M	64.1	0.9	0.1	67.7	1.0	0.2	49.2	0.9	0.7	58.0	0.5	0.3	67.8	1.0	0.6	
B4PXAJ	61.2	0.4	0.1	69.9	1.3	0.6	46.1	0.5	0.6	65.6	1.4	1.0	66.5	0.9	0.7	
E8Y8YJ	67.0	1.3	2.6	64.7	0.7	3.1	45.7	0.4	1.6	51.1	-0.3	2.7	76.5	2.2	1.6	
EJAFZP	56.7	-0.2	0.3	56.7	-0.1	0.3	37.3	-0.8	0.9	51.7	-0.2	0.4	58.7	-0.2	0.5	
F8TDTH	54.7	-0.5	0.3	52.7	-0.5	0.3	34.7	-1.1	1.1	48.3	-0.6	0.4	57.7	-0.3	0.5	
GGAGDM	62.8	0.7	1.0	66.0	0.9	0.8	43.1	0.1	1.0	63.2	1.1	0.9	67.8	1.0	0.8	
GJMUHJ	49.9	-1.3	0.2	47.6	-1.0	0.7	33.5	-1.3	0.3	50.7	-0.3	1.3	53.1	-0.9	0.6	
H3N99A	66.4	1.2	0.6	74.9	1.8	0.7	50.0	1.0	1.8	71.4	2.1	0.5	70.3	1.4	0.5	
K684MD	65.3	1.0	2.3	61.7	0.4	1.8	47.3	0.7	2.6	56.3	0.3	0.8	68.7	1.2	2.1	
ND67DE	59.4	0.2	0.9	67.4	1.0	0.9	51.1	1.2	0.3	60.8	0.8	0.5	61.9	0.2	1.5	
NG7A62	56.0	-0.3	0.6	55.0	-0.2	0.6	40.3	-0.3	0.4	50.0	-0.4	0.7	58.3	-0.2	0.5	
NL3UFC	41.9	-2.4	0.5	41.3	-1.6	0.5	31.8	-1.5	0.3	39.1	-1.6	0.7	49.1	-1.5	0.5	
NPLTMF	60.3	0.3	0.6	69.0	1.2	0.6	42.7	0.0	0.4	66.0	1.4		64.3	0.6	0.5	
PZC4AD	56.1	-0.3	0.1	54.9	-0.2	0.1	40.6	-0.3	0.2	57.0	0.4	0.2	60.1	0.0	0.9	
RDYVA8	56.0	-0.3	0.4	56.2	-0.1	0.2	37.8	-0.7	0.6	50.1	-0.4	0.4	57.4	-0.4	0.5	
VWJT2A	179.9	18.0X		191.5	13.6X		311.6	38.0X		221.1	19.2X		166.4	14.2X		
Y6YWL6	55.7	-0.4	0.4	55.0	-0.2	0.6	36.6	-0.9	1.0	52.8	-0.1	0.9	59.7	-0.1	1.1	



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	58.3	57.3	42.7	53.4	60.1	
Median Abs Dev	2.9	4.8	4.9	3.4	3.5	
Avg Within Lab SD	1.8	1.7	1.3	1.4	1.2	
Labs Included	21	21	21	21	21	
Labs Reporting	22	22	22	22	22	



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pH - sp (SubTestCode 102) in the Salinity Property Groups															Data units: Unit	
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			Unit
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	6.04	0.42		7.07	0.73		5.51	1.66		6.05	1.28		5.96	1.57		
7UXQMX	5.54	-2.38	0.69	6.67	-2.12	0.99	4.83	-1.97	1.35	5.56	-1.45	1.31	5.37	-0.97	0.36	
84ZJFP	6.03	0.36	0.17	6.99	0.14	0.07	5.22	0.11	0.17	5.81	-0.07	0.39	5.62	0.10	0.29	
AGZ24U	5.90	-0.36	0.29	6.96	-0.02	0.87	5.16	-0.23	0.82	5.77	-0.27	1.26	5.54	-0.24	0.22	
ATCG3M	6.22	1.40	0.78	7.46	3.52X	0.19	4.26	-5.05X	0.33	5.57	-1.41	0.98	5.22	-1.58	0.70	
E8Y8YJ	5.99	0.16	0.35	7.02	0.35	0.35	5.20	0.00	0.44	5.72	-0.55	0.30	5.68	0.36	0.22	
EJAFZP	5.91	-0.31	1.39	6.80	-1.16	0.62	5.05	-0.82	1.51	5.86	0.22	1.04	5.38	-0.89	1.28	
F8RKXV	6.17	1.12	0.10	7.06	0.66	1.37	5.31	0.57	0.53	6.01	1.04	0.74	5.73	0.57	0.22	
F8TDTH	5.71	-1.40	2.38	6.73	-1.68	1.13	5.25	0.25	1.42	5.69	-0.72	2.71	5.47	-0.52	2.55	
FBAMWN	5.92	-0.24	2.42	7.14	1.21	0.48	5.19	-0.07	2.49	5.70	-0.68	0.73	5.57	-0.10	2.89	
GGAGDM	5.97	0.01	0.98	6.97	0.00	0.71	5.10	-0.54	0.00	5.83	0.07	1.14	5.50	-0.40		
GJMUHJ	6.07	0.56	0.26	7.13	1.18	0.50	5.25	0.25	0.51	5.92	0.57	0.45	5.70	0.44	0.59	
H3N99A	6.02	0.31	1.28	6.89	-0.54	0.12	5.31	0.57	1.63	5.90	0.46	1.12	5.65	0.23	0.22	
K684MD	5.79	-0.95	0.26	6.98	0.09	0.37	4.94	-1.40	1.32	5.64	-1.00	0.57	5.25	-1.46	0.28	
ND67DE	5.99	0.16	0.35	6.95	-0.12	0.77	5.29	0.48	0.17	5.92	0.53	0.82	5.64	0.20	0.14	
NG7A62	6.07	0.58	0.34	7.02	0.40	0.38	5.25	0.25	0.58	5.94	0.65	0.30	5.71	0.51	0.22	
NL3UFC	5.72	-1.38	0.77	6.91	-0.38	3.12	4.93	-1.43	0.53	5.66	-0.89	1.25	5.33	-1.11	0.43	
NPLTMF	5.96	-0.03	0.17	6.95	-0.09	0.19	5.20	-0.02	0.25	5.91	0.51	0.30	5.67	0.32	0.08	
PZC4AD	5.96	-0.01	0.52	6.90	-0.47	1.28	5.28	0.41	0.19	5.97	0.81	0.11	5.65	0.26	0.08	
RDYVA8	6.29	1.80	0.17	7.32	2.50	0.43	5.21	0.04	0.19	5.93	0.59	0.23	5.74	0.63	0.24	
VWJT2A	5.80	-0.92		7.00	0.24		4.70	-2.68		5.70	-0.68		5.10	-2.10		
Y6YWL6	5.96	-0.01	1.16	6.96	-0.07	0.38	5.12	-0.41	0.25	5.75	-0.38	0.63	5.53	-0.28	0.94	



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pH - sp (SubTestCode 102) in the Salinity Property Groups						Data units: Unit
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	5.97	6.97	5.20	5.82	5.59	
Median Abs Dev	0.07	0.06	0.08	0.11	0.11	
Avg Within Lab SD	0.06	0.08	0.06	0.05	0.07	
Labs Included	22	21	21	22	22	
Labs Reporting	22	22	22	22	22	



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ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2A2UY2	0.55	0.44		0.96	0.62		0.56	1.20		2.20	0.10		0.16	-0.08			
3QBVGA	0.56	0.52	1.78	0.92	0.34	1.34	0.52	0.45	0.06	2.08	-0.46	0.06	0.18	0.43	0.40		
7UXQMX	0.45	-0.77	0.21	0.86	-0.12	0.27	0.46	-0.81	0.34	2.18	0.00	0.06	0.15	-0.26	0.58		
84ZJFP	0.42	-1.07	1.44	0.70	-1.33	2.17	0.45	-0.97	1.26	1.93	-1.11	1.66	0.12	-1.21	0.74		
AGZ24U	0.51	0.00		0.87	-0.03		0.50	0.00		2.40	0.99		0.17	0.28			
ATCG3M	0.40	-1.38	1.07	0.67	-1.56	0.11	0.47	-0.56	0.31	2.06	-0.53	0.14	0.11	-1.31	0.75		
B4PXAJ	0.46	-0.59	0.60	0.88	0.00	0.28	0.49	-0.18	0.63	2.23	0.25	0.32	0.15	-0.32	0.85		
E8Y8YJ	0.48	-0.39	1.99	0.90	0.20	1.51	0.54	0.75	0.92	2.37	0.84	2.72	0.21	1.31	0.74		
EJAFZP	0.67	1.92	1.75	0.93	0.37	0.31	0.49	-0.14	0.60	2.00	-0.80	0.56	0.21	1.14	1.47		
F8RKXV	0.49	-0.25	0.51	0.72	-1.17	0.64	0.45	-0.85	1.88	1.67	-2.25	0.38	0.17	0.26	0.92		
F8TDTH	0.58	0.80	1.15	0.91	0.25	0.80	0.58	1.58	0.00	2.22	0.19	0.19	0.19	0.62	1.47		
FBAMWN	0.41	-1.19	0.03	0.76	-0.90	0.04	0.47	-0.55	0.09	2.43	1.13	0.03	0.17	0.19	0.03		
GGAGDM	0.48	-0.35	0.88	0.75	-0.93	0.67	0.47	-0.46	0.70	1.82	-1.61	1.17	0.15	-0.25	1.95		
GJMUHJ	0.57	0.70	1.12	0.78	-0.77	2.22	0.53	0.59	1.52	2.10	-0.35	1.51	0.20	0.96	0.64		
H3N99A	0.56	0.52	0.33	1.01	1.02	0.34	0.51	0.30	0.63	2.12	-0.26	0.92	0.19	0.76	1.80		
K684MD	0.42	-1.07	0.33	0.91	0.25	0.27	0.45	-0.90	0.60	2.23	0.22	0.43	0.15	-0.43	1.47		
KFQG3W	0.39	-1.48	0.56	0.72	-1.20	0.99	0.43	-1.30	1.59	2.14	-0.16	2.28	0.13	-0.79	0.52		
ND67DE	0.53	0.21	0.33	0.97	0.73	0.20	0.50	0.03	0.62	2.22	0.19	0.19	0.16	0.00	0.56		
NG7A62	0.54	0.36	0.88	0.82	-0.43	0.27	0.53	0.63	0.60	2.24	0.28	0.51	0.17	0.27	0.74		
NL3UFC	0.52	0.05	1.15	0.94	0.48	0.77	0.56	1.27	1.42	2.36	0.81	0.51	0.27	2.71	1.33		
NPLTMF	0.57	0.63	0.14	0.96	0.63	0.28	0.49	-0.21	0.85	2.04	-0.60	0.06	0.16	-0.03	0.44		
PZC4AD	0.49	-0.24	0.81	0.98	0.75	0.23	0.51	0.27	1.69	2.01	-0.77	0.06	0.13	-0.84	0.39		
RDYVA8	0.52	0.05	0.66	0.86	-0.15	0.15	0.50	0.05	1.05	2.38	0.92	0.36	0.16	0.01	0.74		
VWJT2A	0.60	1.04		0.90	0.17		0.60	1.96		2.30	0.54		0.10	-1.64			
Y6YWL6	0.44	-0.83	0.88	0.55	-2.43	2.13	0.45	-0.84	1.26	1.84	-1.53	0.80	0.13	-0.77	0.74		



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ECe - sp (SubTestCode 103) in the Salinity Property Groups						Data units: dS/m
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	0.51	0.88	0.50	2.18	0.16	
Median Abs Dev	0.05	0.08	0.03	0.12	0.02	
Avg Within Lab SD	0.02	0.04	0.02	0.09	0.01	
Labs Included	25	25	25	25	25	
Labs Reporting	25	25	25	25	25	



ALP Program - Participant Web Summary Report - Cycle 37 - Fall 2018

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QBVGA	3.47	0.94	0.12	6.96	0.88	0.51	0.25	-0.33	0.99	1.02	-0.08	0.53	0.82	0.07	1.28	
84ZJFP	2.27	-0.17	0.20	4.37	-0.43	2.01	0.37	0.12	1.75	0.90	-0.31	0.52	0.90	0.30	0.00	
ATCG3M	1.69	-0.70	0.39	4.61	-0.30	0.57				0.37	-1.34	0.57	0.50	-0.87	0.71	
E8Y8YJ	0.58	-1.72	0.19	2.63	-1.30	0.22	0.34	0.00	0.35	0.46	-1.16	0.34	0.40	-1.17	0.31	
EJAFZP	2.33	-0.11	0.40	6.40	0.60	0.73	0.20	-0.55	0.00	1.20	0.27	1.04	0.53	-0.78	1.04	
F8TDTH	2.93	0.44	2.63	7.71	1.26	0.48	0.63	1.18	1.50	1.81	1.45	1.62	0.77	-0.07	1.35	
GGAGDM	3.76	1.21	0.73	5.82	0.30	0.63	0.30	-0.15	0.00	1.10	0.08	1.81	1.00	0.60	1.57	
GJMUHJ	2.57	0.11	0.37	4.57	-0.32	1.47	0.94	2.40	0.77	1.42	0.70	0.14	1.32	1.54	0.64	

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	2.45			5.22			0.34			1.06			0.80			
Median Abs Dev	0.62			1.02			0.08			0.26			0.23			
Avg Within Lab SD	0.29			0.27			0.03			0.19			0.11			
Labs Included	8			8			7			8			8			
Labs Reporting	8			8			7			8			8			



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K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2	0.17	0.52		0.41	1.05		1.32	2.41		0.66	-0.27				
3QBVGA	0.17	0.42	0.32	0.38	0.63	0.77	1.17	1.12	0.24	0.72	0.43	0.47	0.09	0.05	0.03
7UXQMX	4.67	116.77X	11.00	11.71	171.20X	6.23	36.26	299.73X	9.96	25.26	276.82X	7.12	2.46	90.19X	2.72
AGZ24U	0.12	-0.77		0.30	-0.60		0.94	-0.82		0.68	-0.05		0.06	-0.94	
ATCG3M	0.33	4.68X	2.16	0.46	1.78	0.46	1.15	0.97	0.11	0.82	1.52	1.84	0.30	8.16X	3.44
B4PXAJ	0.14	-0.17	0.52	0.32	-0.30	0.00	1.05	0.09	0.25	0.65	-0.35	0.16			
E8Y8YJ	0.21	1.46	1.89	0.43	1.35	2.59	1.05	0.14	1.95	0.76	0.85	2.00	0.13	1.59	0.82
F8RKXV	0.18	0.69	1.56	0.31	-0.50	1.65	0.96	-0.61	1.34	0.58	-1.19	0.69	0.11	0.89	1.75
F8TDTH	0.13	-0.42	0.38	0.32	-0.36	0.27	1.03	-0.03	0.63	0.68	0.00	0.43	0.06	-0.88	0.53
FBAMWN	0.15	-0.10	0.76	0.32	-0.28	0.13	1.03	-0.03	0.48	0.62	-0.71	0.50	0.08	0.00	1.41
GGAGDM	0.15	0.00	1.57	0.29	-0.80	1.59	0.94	-0.79	1.74	0.59	-1.06	0.73	0.05	-1.32	0.00
H3N99A	0.15	0.09	1.05	0.42	1.25	0.23	1.02	-0.11	0.34	0.67	-0.20	0.80			
K684MD	0.10	-1.29	0.00	0.30	-0.60	0.00	1.00	-0.31	1.61	0.77	0.93	1.60			
ND67DE	0.18	0.69	1.05	0.37	0.40	0.99	1.08	0.37	0.32	0.78	1.11	0.32			
NPLTMF	0.14	-0.39	0.64	0.35	0.20	0.23	1.02	-0.11	0.73	0.74	0.59	0.32			
PZC4AD	0.27	3.10	0.91	0.37	0.45	0.00	1.37	2.84	1.13	1.22	6.03X	0.73	0.09	0.20	1.42
RDYVA8	0.15	0.00	0.00	0.33	-0.20	0.23	1.04	0.03	0.16	0.76	0.85	0.73	0.08	-0.18	0.00

K - sp (SubTestCode 105) in the Salinity Property Groups													Data units: mmolc/L		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
Grand Median	0.15			0.34			1.04			0.68			0.085		
Median Abs Dev	0.02			0.04			0.04			0.06			0.023		
Avg Within Lab SD	0.01			0.03			0.06			0.04			0.007		
Labs Included	15			16			16			15			9		
Labs Reporting	17			17			17			17			11		



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Ca - sp (SubTestCode 106) in the Salinity Property Groups															Data units: mmolc/L		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2A2UY2	2.82	0.59		6.69	1.62		1.39	0.53		13.70	0.00		0.82	-0.03			
3QBVG	3.16	1.16	0.19	6.30	1.20	0.49	1.30	0.13	0.38	14.30	0.31	0.34	0.97	0.55	0.28		
7UXQM	39.82	62.57X	1.99	95.09	98.37X	2.28	20.65	84.46X	1.74	272.36	132.75X	2.18	14.31	51.95X	7.71		
84ZJF	2.37	-0.17	1.65	5.50	0.32	2.08	1.20	-0.30	0.79	13.27	-0.22	1.41	0.70	-0.49	0.00		
AGZ24	2.36	-0.18		5.19	-0.02		1.10	-0.73		15.38	0.86		0.78	-0.18			
ATCG3	1.90	-0.96	0.36	4.52	-0.75	0.39	1.01	-1.14	0.31	14.14	0.22	0.53	0.47	-1.37	0.17		
B4PXA	2.06	-0.68	0.40	5.09	-0.13	0.00	1.01	-1.11	0.09	14.77	0.55	0.20	0.61	-0.82	0.57		
E8Y8Y	2.13	-0.57	2.70	5.21	0.00	2.04	1.44	0.73	1.31	14.13	0.22	1.64	1.22	1.51	2.23		
EJAFZ	3.10	1.06	0.79	5.63	0.47	0.41	1.43	0.72	0.91	11.43	-1.16	0.46	1.30	1.82	1.10		
F8RKX	2.47	0.00	0.31	4.37	-0.91	0.59	1.02	-1.09	1.00	9.80	-2.00	0.27	0.84	0.05	1.01		
F8TDH	3.02	0.93	1.68	6.06	0.93	0.70	1.67	1.74	1.07	16.23	1.30	0.49	1.02	0.73	2.50		
FBAMW	1.55	-1.55	0.36	4.40	-0.89	0.69	1.04	-1.00	0.27	13.19	-0.26	0.86	0.63	-0.76	0.40		
GGAGD	2.38	-0.15	0.91	4.34	-0.94	1.39	1.05	-0.94	0.24	10.97	-1.40	1.23	0.64	-0.71	0.39		
GJMUH	3.08	1.02	0.59	4.87	-0.37	2.15	1.34	0.33	1.19	13.50	-0.10	1.55	1.16	1.29	0.66		
H3N99	2.90	0.73	0.66	6.52	1.44	0.42	1.26	-0.05	0.66	13.37	-0.17	0.09	1.02	0.73	0.99		
K684M	1.93	-0.90	0.83	4.91	-0.33	0.08	1.28	0.07	2.87	14.80	0.56	2.05	0.73	-0.36	0.84		
ND67D	2.87	0.67	0.45	4.87	-0.37	0.31	1.19	-0.33	0.54	12.93	-0.39	0.38	1.00	0.67	0.44		
NPLTM	3.30	1.39	0.77	5.60	0.43	0.00	1.28	0.05	0.90	13.82	0.06	0.42	0.71	-0.45	0.11		
PZC4A	2.25	-0.37	0.24	5.97	0.83	0.28	1.13	-0.62	0.59	12.46	-0.63	0.50	0.61	-0.85	0.34		
RDYVA	2.92	0.76	0.42	5.90	0.76	0.00	1.62	1.53	0.21	17.20	1.80	1.32	0.94	0.42	0.23		
Y6YWL	2.63	0.28	0.79	4.17	-1.14	0.84	1.35	0.34	0.87	12.50	-0.62	1.10	0.83	0.00	1.14		
ZN8JL	2.43	-0.06		5.49	0.31		2.12	3.71X		16.26	1.31		0.92	0.36			



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Ca - sp (SubTestCode 106) in the Salinity Property Groups						Data units: mmolc/L
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	2.47	5.21	1.27	13.7	0.83	
Median Abs Dev	0.41	0.69	0.15	1.1	0.17	
Avg Within Lab SD	0.13	0.38	0.13	0.7	0.09	
Labs Included	21	21	20	21	21	
Labs Reporting	22	22	22	22	22	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	1.70	0.53		3.62	1.45		1.45	1.45		5.43	-0.27					
3QBVGA	1.87	1.11	0.10	3.53	1.25	0.83	1.35	0.77	0.12	5.71	0.15	0.37	0.41	0.54	0.32	
7UXQMX	14.44	45.29X	3.61	31.39	60.07X	2.50	12.43	74.74X	8.79	64.04	87.29X	4.94	3.62	28.06X	2.02	
84ZJFP	1.53	-0.06	1.74	3.00	0.14	2.42	1.37	0.89	2.21	5.40	-0.31	1.78	0.33	-0.14	1.53	
AGZ24U	1.32	-0.81		2.66	-0.58		1.11	-0.82		5.91	0.45		0.33	-0.17		
ATCG3M	1.60	0.18	0.75	2.72	-0.45	0.18	1.31	0.51	0.38	5.81	0.30	0.74	0.26	-0.79	0.03	
B4PXAJ	1.31	-0.84	0.41	3.03	0.21	0.28	1.13	-0.67	0.36	6.34	1.10	0.38				
E8Y8YJ	1.24	-1.10	2.28	2.84	-0.20	1.91	1.24	0.07	1.21	5.86	0.37	1.96	0.51	1.40	1.96	
EJAFZP	2.20	2.28	1.97	3.47	1.13	0.27	1.17	-0.45	0.83	5.50	-0.16	0.82	0.57	1.86	1.53	
F8RKXV	1.46	-0.32	0.82	2.26	-1.41	0.31	1.01	-1.47	0.42	3.84	-2.64	0.46	0.36	0.12	0.45	
F8TDTH	1.55	-0.01	0.65	2.92	-0.04	0.38	1.28	0.34	1.10	5.93	0.48	0.48	0.35	0.00	1.11	
FBAMWN	1.12	-1.52	0.27	2.61	-0.69	0.63	1.13	-0.66	0.27	5.54	-0.11	0.56	0.31	-0.36	0.59	
GGAGDM	1.47	-0.28	1.34	2.31	-1.32	1.45	1.07	-1.09	0.25	4.33	-1.91	1.22	0.27	-0.71	0.15	
GJMUHJ	1.82	0.93	0.47	2.86	-0.16	1.57	1.36	0.81	1.48	5.40	-0.32	1.79	0.59	2.05	0.98	
H3N99A	1.77	0.76	0.67	3.73	1.67	0.88	1.23	0.00	1.37	5.38	-0.34	0.50	0.48	1.08	0.94	
K684MD	1.20	-1.23	0.00	2.93	0.00	0.27	1.13	-0.67	0.83	6.00	0.58	1.47	0.33	-0.14	1.53	
ND67DE	1.61	0.21	0.57	2.70	-0.50	0.61	1.13	-0.71	0.36	6.18	0.85	0.52				
NPLTMF	1.82	0.95	0.34	3.09	0.33	0.05	1.16	-0.47	1.54	5.61	0.00	0.33				
PZC4AD	1.36	-0.66	0.07	3.19	0.54	0.32	1.19	-0.27	1.23	4.91	-1.05	0.55	0.27	-0.68	0.27	
RDYVA8	1.64	0.32	0.30	3.03	0.20	0.10	1.29	0.38	0.25	6.59	1.47	0.26	0.40	0.43	0.27	
Y6YWL6	1.57	0.07	0.99	2.22	-1.50	1.05	1.31	0.49	0.55	5.06	-0.83	0.95	0.33	-0.13	0.44	
ZN8JL3	1.55	0.00		3.12	0.39		1.41	1.18		5.93	0.48		0.45	0.86		



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Mg - sp (SubTestCode 107) in the Salinity Property Groups						Data units: mmolc/L
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	1.55	2.93	1.23	5.61	0.35	
Median Abs Dev	0.19	0.24	0.10	0.30	0.06	
Avg Within Lab SD	0.09	0.22	0.07	0.24	0.04	
Labs Included	21	21	21	21	17	
Labs Reporting	22	22	22	22	18	



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Na - sp (SubTestCode 108) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	0.48	-0.01		1.19	0.15		0.25	0.02		0.43	-0.08		0.23	-0.01		
3QBVGA	0.52	0.05	0.06	1.14	0.11	1.06	0.27	0.08	0.15	0.49	0.00	0.16	0.30	0.20	0.04	
7UXQMX	8.84	12.40	3.73	19.37	13.78	2.51	4.20	11.21	2.65	9.94	12.60	3.29	4.13	11.26	1.12	
84ZJFP	0.37	-0.18	0.39	1.00	0.01	0.80	0.23	-0.03	0.57	0.47	-0.03	0.64	0.17	-0.19	0.85	
AGZ24U	0.67	0.27		1.11	0.09		0.38	0.39		0.90	0.54		0.43	0.57		
ATCG3M	0.70	0.31	0.03	1.08	0.07	0.19	0.38	0.39	0.23	0.66	0.23	0.29	0.42	0.54	0.39	
B4PXAJ	0.40	-0.14	0.04	0.97	-0.01	0.20	0.23	-0.05	0.06	0.43	-0.08	0.11				
E8Y8YJ	0.67	0.26	1.41	1.10	0.09	2.89	0.60	1.01	2.63	0.93	0.59	2.31	0.43	0.58	3.41	
EJAFZP	0.47	-0.03	0.39	0.97	-0.01	0.46	0.20	-0.12	0.00	0.47	-0.03	0.64	0.23	0.00	0.85	
F8RKXV	0.44	-0.08	0.20	0.82	-0.12	0.40	0.22	-0.06	0.46	0.45	-0.06	0.58	0.25	0.05	0.75	
F8TDTH	0.56	0.10	1.30	0.97	-0.01	0.16	0.23	-0.04	0.11	0.50	0.01	0.04	0.23	0.00	0.98	
FBAMWN	0.36	-0.19	0.11	0.93	-0.04	0.31	0.19	-0.14	0.13	0.40	-0.12	0.06	0.22	-0.03	0.24	
GGAGDM	0.58	0.13	0.95	0.98	-0.01	1.00	0.28	0.09	1.07	0.49	0.00	0.29	0.18	-0.15	0.26	
GJMUHJ	0.51	0.04	0.13	0.99	0.01	0.48	0.24	0.00	0.31	0.49	0.00	0.44	0.21	-0.06	0.16	
H3N99A	0.49	0.00	0.07	1.18	0.14	0.70	0.25	0.02	0.28	0.48	-0.02	0.29	0.24	0.00	0.10	
K684MD	0.35	-0.21	0.00	0.91	-0.05	0.35	0.28	0.09	1.00	0.54	0.06	0.28	0.19	-0.13	0.98	
ND67DE	0.50	0.01	0.30	0.99	0.00	0.35	0.23	-0.04		0.53	0.05	0.42	0.26	0.07	0.45	
NPLTMF	0.49	0.00	0.14	0.97	-0.01	0.00				0.49	0.00	0.06	0.22	-0.04	0.00	
PZC4AD	0.40	-0.14	0.04	0.98	0.00	0.16	0.20	-0.13	0.15	0.42	-0.10	0.06	0.18	-0.15	0.00	
RDYVA8	0.44	-0.07	0.04	0.93	-0.04	0.08	0.22	-0.07	0.00	0.53	0.05	0.13	0.22	-0.05	0.09	
Y6YWL6	0.48	-0.01	0.15	0.93	-0.04	0.22	0.22	-0.06	0.14	0.61	0.16	0.94	0.22	-0.05	0.78	
ZN8JL3	0.63	0.21		1.01	0.02		0.29	0.13		0.50	0.01		0.24	0.02		



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Na - sp (SubTestCode 108) in the Salinity Property Groups						Data units: mmolc/L
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	0.49	0.99	0.24	0.49	0.23	
Median Abs Dev	0.08	0.05	0.03	0.04	0.02	
Avg Within Lab SD	0.15	0.12	0.10	0.09	0.07	
Labs Included	22	22	21	22	21	
Labs Reporting	22	22	21	22	21	



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SAR - sp (SubTestCode 109) in the Salinity Property Groups															Data units: value	
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	0.32	-0.10		0.52	0.24		0.21	-0.05		0.14	-0.46		0.35	0.42		
3QBVGA	0.33	0.00	0.10	0.51	0.08	1.13	0.23	0.21	0.15	0.16	-0.11	0.14	0.36	0.54	0.13	
7UXQMX	0.31	-0.25	0.35	0.44	-1.20	0.13	0.18	-0.38	0.14	0.14	-0.38	0.24	0.25	-0.32	0.10	
AGZ24U	0.49	1.79		0.56	0.99		0.37	1.69		0.28	2.76		0.58	2.20		
ATCG3M	0.53	2.22	0.16	0.57	1.14	0.19	0.35	1.50	0.32	0.21	1.14	0.30	0.69	3.08	0.78	
E8Y8YJ	0.53	2.20	2.26	0.54	0.55	2.82	0.52	3.36	3.06	0.30	3.22	2.51	0.46	1.27	3.15	
EJAFZP	0.30	-0.32	0.00	0.47	-0.76	1.30	0.20	-0.16	0.00	0.17	0.16	2.42	0.23	-0.48	0.95	
F8TDTH	0.37	0.47	2.24	0.46	-0.91	0.12	0.19	-0.30	0.04	0.15	-0.20	0.10	0.28	-0.10	0.83	
GGAGDM	0.42	0.98	1.52	0.53	0.49	1.24	0.27	0.56	1.54	0.18	0.46	0.42	0.27	-0.22	0.34	
GJMUHJ	0.33	0.00	0.26	0.51	0.00	0.57	0.21	-0.06	0.26	0.16	0.00	0.32	0.23	-0.54	0.10	
H3N99A	0.32	-0.10	0.00	0.52	0.18	0.79	0.22	0.05	0.20	0.16	-0.07	0.48	0.27	-0.23	0.35	
K684MD				0.46	-0.82	0.57	0.38	1.80								
ND67DE	0.34	0.09	0.54	0.51	0.05	0.39	0.21	-0.05	0.00	0.17	0.23	0.42	0.36	0.53	0.74	
NPLTMF	0.31	-0.25	0.19	0.47	-0.76	0.13				0.16	0.00	0.00	0.38	0.62	0.12	
PZC4AD	0.30	-0.36	0.10	0.46	-0.95	0.13	0.18	-0.38	0.00	0.14	-0.46	0.00	0.27	-0.17	0.10	
RDYVA8	0.30	-0.32	0.00	0.40	-2.01	0.00	0.20	-0.16	0.00	0.20	0.92	0.00	0.30	0.04	0.00	
ZN8JL3	0.45	1.35		0.49	-0.32		0.22	0.05		0.15	-0.23		0.29	-0.04		

SAR - sp (SubTestCode 109) in the Salinity Property Groups															Data units: value	
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	0.33			0.51			0.22			0.16			0.30			
Median Abs Dev	0.03			0.04			0.02			0.01			0.06			
Avg Within Lab SD	0.06			0.04			0.07			0.02			0.06			
Labs Included	16			17			16			16			16			
Labs Reporting	16			17			16			16			16			



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Cl - sp (SubTestCode 110) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	1.03	0.98		1.68	2.11		0.44	2.27		0.54	0.71		0.39	0.53		
3QBVGA	0.82	-0.31	0.24	1.31	0.70	1.19	0.30	0.59	2.15	0.44	-0.38	0.58	0.38	0.39	0.75	
7UXQMX	0.86	-0.05	0.85	1.19	0.21	0.21	0.23	-0.27	0.22	0.46	-0.25	0.08	0.34	-0.11	0.22	
84ZJFP	0.60	-1.68	0.00	1.07	-0.24	1.14	0.20	-0.65	0.00	0.30	-2.02	0.00	0.17	-2.32	2.02	
AGZ24U	0.88	0.05		1.11	-0.08		0.21	-0.53		0.59	1.28		0.32	-0.36		
ATCG3M	0.98	0.67	0.41	1.13	-0.02	0.80	0.29	0.42	0.46	0.51	0.34	2.21	0.49	1.76	0.94	
B4PXAJ	0.83	-0.26	1.40	0.99	-0.55	1.74										
E8Y8YJ	1.27	2.45X	1.05	1.69	2.15	1.33	0.64	4.70X	0.52	0.92	4.99X	3.15	0.83	6.10X	1.41	
EJAFZP	1.04	1.07	3.34	1.36	0.90	1.25	0.34	1.09	1.21	0.54	0.71	1.40	0.38	0.36	2.33	
F8RKXV	0.74	-0.83	0.36	0.96	-0.64	0.35	0.27	0.25	0.93	0.48	-0.02	0.96	0.37	0.27	0.87	
F8TDTH	0.92	0.29	0.16	1.31	0.68	0.16	0.25	-0.04	0.27	0.51	0.42	0.30	0.33	-0.28	0.14	
FBAMWN	0.77	-0.65	0.63	1.10	-0.10	0.49	0.24	-0.20	0.34	0.43	-0.50	0.16	0.37	0.28	0.70	
GGAGDM	0.74	-0.79	0.19	1.01	-0.46	0.69	0.25	0.00	0.96	0.41	-0.81	0.41	0.28	-0.91	0.20	
GJMUHJ	0.73	-0.88	0.43	1.03	-0.40	2.75	0.35	1.15	0.28	0.48	0.02	0.52	0.37	0.31	1.01	
H3N99A	0.95	0.47	0.93	1.58	1.71	0.46										
JJDUAE	0.99	0.71	1.48	1.28	0.56	0.38	0.23	-0.24	2.26	0.47	-0.12	0.43	0.27	-1.01	1.54	
K684MD	0.70	-1.06	0.00	1.03	-0.37	0.57	0.20	-0.65	0.00	0.53	0.63	1.55	0.30	-0.62	0.00	
ND67DE	0.83	-0.29	0.58	1.25	0.45	0.54	0.19	-0.77	0.14	0.61	1.54	0.16	0.31	-0.45	0.44	
NG7A62	0.97	0.59	0.72	1.10	-0.12	0.99	0.30	0.57	0.00	0.53	0.63	1.55	0.40	0.66	0.00	
NL3UFC	0.12	-4.68X		0.15	-3.74X		0.05	-2.48X		0.08	-4.55X		0.18	-2.13		
NPLTMF	1.19	1.97	0.22	1.59	1.77	0.17										
PZC4AD	0.89	0.09	0.19	1.13	0.00	0.86	0.31	0.73	1.72				0.36	0.11	0.40	
RDYVA8	0.92	0.32	0.76	1.23	0.38	0.17	0.12	-1.66	0.34	0.38	-1.15	1.09	0.31	-0.49	0.35	
Y6YWL6	0.74	-0.82	0.78	0.89	-0.92	0.26	0.31	0.75	0.66	0.42	-0.61	1.08	0.36	0.15	0.92	



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Cl - sp (SubTestCode 110) in the Salinity Property Groups						Data units: mmolc/L
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	0.87	1.13	0.25	0.48	0.35	
Median Abs Dev	0.11	0.12	0.05	0.05	0.03	
Avg Within Lab SD	0.08	0.10	0.03	0.04	0.03	
Labs Included	22	23	19	18	20	
Labs Reporting	24	24	21	20	21	



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	0.81	0.73		2.38	2.19		0.75	2.35		1.44	0.09		0.29	0.82		
3QBVGA	0.80	0.67	0.11	1.97	0.86	0.81	0.62	0.44	0.08	1.39	-0.09	0.07	0.26	0.35	0.06	
7UXQMX	0.44	-1.32	0.17	1.53	-0.58	0.20	0.52	-0.94	0.36	1.14	-1.02	0.36	0.21	-0.44	0.24	
84ZJFP	0.73	0.31	0.62	2.00	0.95	1.18	0.60	0.21	0.00	1.37	-0.19	0.30	0.27	0.46	1.07	
AGZ24U	0.78	0.57		1.58	-0.42		0.57	-0.21		1.69	1.01		0.29	0.82		
ATCG3M	0.76	0.47	0.13	1.64	-0.21	0.17	0.69	1.56	0.30	1.38	-0.13	0.07	0.27	0.51	0.03	
B4PXAJ	0.57	-0.56	0.87	1.69	-0.05	0.22	0.51	-1.12	0.10	1.39	-0.09	0.30	0.18	-0.82	0.75	
E8Y8YJ	0.62	-0.33	3.07	1.73	0.07	3.34	0.60	0.26	3.47	1.62	0.77	3.99	0.17	-1.02	3.20	
EJAFZP	0.78	0.57	0.11	1.84	0.44	0.14	0.77	2.68	0.48	1.51	0.36	0.13	0.28	0.71	0.53	
F8RKXV	0.64	-0.18	0.45	1.24	-1.54	0.57	0.61	0.31	0.42	1.05	-1.37	0.13	0.24	0.10	0.38	
F8TDTH	0.48	-1.05	0.29	1.71	0.00	0.67	0.57	-0.15	0.29	1.45	0.12	0.37	0.19	-0.74	0.48	
GGAGDM	0.58	-0.51	2.65	1.28	-1.41	1.38	0.57	-0.26	1.71	0.93	-1.79	0.32	0.17	-0.97	1.40	
GJMUHJ	0.75	0.41	0.12	1.79	0.28	0.97	0.60	0.19	0.69	1.48	0.23	0.96	0.26	0.29	0.44	
H3N99A	0.42	-1.40	0.00	1.55	-0.53	0.90	0.58	-0.07	0.88	1.05	-1.37	0.08	0.16	-1.12	0.43	
JJDUAJ	0.75	0.41	0.82	1.75	0.12	0.47	0.59	0.00	0.59	1.54	0.46	0.18	0.30	1.02	1.65	
K684MD	0.60	-0.42	0.00	2.10	1.28	0.68	0.57	-0.26	0.96	1.83	1.55	0.60	0.23	-0.05	1.07	
ND67DE	0.45	-1.22	0.22	1.59	-0.40	0.45	0.60	0.26	0.59	1.10	-1.18	0.09	0.16	-1.17	0.00	
NPLTMF	0.93	1.37	0.44	1.75	0.13	0.12	0.66	1.07	0.33	1.59	0.66	0.13	0.31	1.17	0.21	
PZC4AD	0.38	-1.62	0.00	1.24	-1.53	0.54	0.55	-0.50	0.29				0.14	-1.48	0.00	
RDYVA8	0.69	0.06	0.16	1.74	0.10	0.00	0.56	-0.40	0.10	1.53	0.41	0.30	0.24	0.00	0.11	
Y6YWL6	0.68	0.00	0.34	1.39	-1.05	0.20	0.52	-0.91	0.50	1.25	-0.61	0.22	0.23	-0.11	0.30	



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups						Data units: mmolc/L
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	0.68	1.71	0.59	1.42	0.24	
Median Abs Dev	0.10	0.13	0.02	0.14	0.05	
Avg Within Lab SD	0.09	0.15	0.06	0.19	0.05	
Labs Included	21	21	21	20	21	
Labs Reporting	21	21	21	20	21	



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2				0.13	-0.53		3.58	0.50		19.10	0.16				
3QBVGA	0.56	-0.69	1.30	0.00	-0.64	0.00	3.17	0.05	0.24	17.60	-0.27	0.42	0.00	-1.45	0.03
7UXQMX	1.64	0.78	0.43	2.27	1.30	0.33	3.08	-0.05	0.19	19.61	0.31	0.19	0.54	0.49	1.51
84ZJFP	0.83	-0.32	0.74	0.10	-0.56	0.00	4.80	1.84	3.21	20.00	0.42	2.44	0.23	-0.61	1.91
AGZ24U	1.35	0.38		1.74	0.85		2.69	-0.48		15.29	-0.94		0.57	0.60	
ATCG3M	0.98	-0.12	0.14	1.30	0.47	0.36	1.32	-1.99	0.10	11.03	-2.16	0.12	0.41	0.03	0.11
E8Y8YJ	0.36	-0.97	0.59	0.58	-0.14	2.23	0.63	-2.75	0.12	3.77	-4.26X	0.95	0.11	-1.07	0.69
F8TDTH	1.16	0.12	2.75	1.32	0.48	0.46	3.35	0.25	0.12	20.66	0.61	0.57	0.40	-0.03	1.05
FBAMWN	1.89	1.13	0.63	2.58	1.57	0.61	3.65	0.58	0.10	23.77	1.51	0.27	0.67	0.97	0.69
H3N99A				0.13	-0.53		3.18	0.06	0.90	19.90	0.39	0.56	0.07	-1.21	
K684MD	1.64	0.79	0.15	2.13	1.18	0.48	2.85	-0.30	0.39	18.47	-0.02	1.74	0.48	0.28	0.00
ND67DE	0.08	-1.36	0.05	0.14	-0.52	1.21	2.95	-0.19	0.07	18.53	0.00	0.47			
NPLTMF	0.22	-1.17	0.46				2.82	-0.34	0.42	15.59	-0.85	0.20			
PZC4AD	1.25	0.25	0.15	0.75	0.00	1.58	3.20	0.08	0.67	14.67	-1.11	0.90			

NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
Grand Median	1.07			0.75			3.13			18.5			0.40		
Median Abs Dev	0.54			0.63			0.29			1.5			0.17		
Avg Within Lab SD	0.08			0.04			0.22			0.5			0.03		
Labs Included	12			13			14			13			10		
Labs Reporting	12			13			14			14			10		



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B - sp (SubTestCode 113) in the Salinity Property Groups														Data units: mg/L		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	1.860	8.484X														
3QBVGA	0.287	0.000	0.068	0.078	0.391	0.923	0.063	0.930	0.339	0.115	0.557	0.167	0.045	0.990	0.248	
7UXQMX	0.277	-0.052	0.025	0.045	-0.289	0.034	0.038	-0.227	0.577	0.090	-0.376	0.293	0.015	-0.086	0.502	
84ZJFP	0.220	-0.361	0.086	0.043	-0.331	1.498	0.043	0.007	0.490	0.083	-0.641	1.274	0.013	-0.160	0.408	
AGZ24U	0.793	2.730		0.031	-0.583		0.030	-0.623		0.102	0.076		0.005	-0.478		
ATCG3M	0.250	-0.201	0.036	0.059	0.000	0.298	0.055	0.570	0.565	0.095	-0.187	0.293				
E8Y8YJ	0.297	0.052	0.190	0.080	0.443	1.191	0.073	1.415	0.979	0.127	0.998	2.547	0.073	2.053	2.485	
EJAFZP	0.300	0.070	0.086	0.133	1.570	0.687	0.090	2.196	0.848	0.147	1.754	0.963	0.060	1.561	0.707	
F8RKXV	0.180	-0.577	0.032	0.040	-0.401	0.595	0.037	-0.305	0.490	0.060	-1.524	0.000	0.020	0.086	0.000	
F8TDTH	0.344	0.309	0.392	0.049	-0.211	0.033	0.032	-0.515	0.122	0.099	-0.065	0.591	0.010	-0.285	0.149	
FBAMWN	0.528	1.297	0.160	0.200	2.983	1.688	0.043	-0.007	2.234	0.138	1.411	0.813	0.203	6.832X	0.702	
H3N99A	1.030	4.007	3.709													
ND67DE	0.273	-0.074	0.019													
NPLTMF	0.300	0.070	0.000													
RDYVA8	0.257	-0.164	0.019	0.447	8.186X	0.687	0.040	-0.149	0.000	0.102	0.065	0.363	0.013	-0.184	0.041	
Y6YWL6	0.259	-0.153	0.092	0.069	0.218	1.311	0.068	1.149	1.751	0.089	-0.439	0.788	0.041	0.861	1.350	

B - sp (SubTestCode 113) in the Salinity Property Groups														Data units: mg/L		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Grand Median	0.29			0.059			0.043			0.10			0.018		
Median Abs Dev	0.03			0.019			0.012			0.01			0.010			
Avg Within Lab SD	0.31			0.017			0.012			0.01			0.014			
Labs Included	15			11			12			12			10			
Labs Reporting	16			12			12			12			11			



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups															Data units: dS/m		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3TYEFL	0.07	-2.38	1.81	0.13	-4.16X	0.87	0.11	-1.63	2.15	0.41	-3.33X	3.06	0.20	2.49	4.70		
4M7UPB	0.35	3.40X	0.60	0.83	1.50	1.05	0.56	7.39X	1.08	1.32	1.28	0.61	0.40	7.33	1.04		
7UXQMX	0.17	-0.41	1.34	0.55	-0.76	1.25	0.23	0.74	1.11	0.58	-2.44	0.34	0.04	-1.24	0.14		
84ZJFP	0.16	-0.61	0.60	0.58	-0.53	0.42	0.16	-0.68	0.93	1.03	-0.17	0.10	0.11	0.35	1.17		
8EKR3X	0.18	-0.20	0.60	0.65	0.05	0.24	0.19	0.00	0.54	1.14	0.37	0.61	0.08	-0.29	0.39		
AGDFPH	6.02	119.03X	1.05	7.06	51.37X	0.83	5.26	103.18X	1.08	5.89	24.32X	0.26	5.75	134.65X	0.68		
AGZ24U	0.27	1.64	0.19	0.66	0.11	0.14	0.24	0.99	0.29	1.24	0.89	0.08	0.10	0.00	0.12		
E8Y8YJ	0.19	0.07	2.09	0.71	0.51	0.42	0.18	-0.20	1.42	1.10	0.15	0.26	0.10	0.03	1.41		
ELDD9X	0.22	0.75	0.60	0.65	0.00	0.48	0.23	0.75	0.00	1.14	0.39	0.39	0.10	0.11	0.00		
F2MJYM	0.13	-1.16	0.00	0.56	-0.69	0.00	0.16	-0.68	0.00	0.99	-0.39	0.00	0.07	-0.60	0.00		
F8TDTH	0.27	1.70	0.00	0.55	-0.77	0.72	0.25	1.15		1.22	0.79	0.10	0.10	0.11	0.00		
GJMUHJ	0.17	-0.44	0.59	0.70	0.44	0.50	0.14	-1.10	0.23	1.11	0.22	0.37	0.08	-0.28	0.24		
GMHRLG	0.18	-0.18	0.64	0.56	-0.71	1.54	0.16	-0.66	0.61	0.83	-1.17	0.79	0.07	-0.52	0.31		
GW99D7	0.19	0.07	0.00	0.62	-0.21	0.00	0.15	-0.88	0.00	0.95	-0.59	0.00	0.91	19.40X	0.00		
JR3N2H	0.16	-0.51	0.58	0.45	-1.61	0.38	0.21	0.35	0.33	1.01	-0.28	0.67	0.05	-1.14	0.06		
K684MD	0.21	0.48	0.00	0.46	-1.52	0.24	0.20	0.07	1.42	1.10	0.15	1.44	0.09	-0.21	0.39		
KMNBZV	0.22	0.70	0.27	0.69	0.36	0.25	0.21	0.25	0.33	0.98	-0.41	0.17	0.10	0.09	0.13		
LDYXHA	0.19	0.13	0.18	0.72	0.61	1.18	0.20	0.08	0.30	1.15	0.43	0.25	0.10	0.22	0.22		
LKENXA	0.09	-2.04	0.60	0.37	-2.22	0.42	0.10	-1.80	0.30	0.91	-0.77	0.10	0.05	-1.16	0.39		
LMJD2J	0.20	0.27	0.00	0.60	-0.37	0.00	0.20	0.14	0.00	0.80	-1.35	0.00	0.10	0.11	0.00		
MXYKDD	0.16	-0.48	0.60	0.69	0.32	0.48	0.16	-0.61	0.54	1.07	0.00	0.98	0.09	-0.21	0.39		
PJWQ3F	0.14	-1.03	2.68	0.65	0.01	2.33	0.14	-1.11	1.48	0.81	-1.28	2.18	0.06	-0.85	0.14		
Q32UX3	0.21	0.41	0.84	0.79	1.11	0.62	0.21	0.29	1.49	1.24	0.87	0.51	0.10	0.18	0.20		
RAGT6M	0.16	-0.64	2.25	0.47	-1.39	2.49	0.14	-1.13	1.98	0.75	-1.61	3.27	0.07	-0.72	0.44		
TM3KB9	0.21	0.49	0.12	0.69	0.36	0.02	0.18	-0.32	0.38	1.11	0.21	0.13	0.09	-0.03	0.27		
WHVBLB	0.18	-0.22	1.60	0.56	-0.72	1.51	0.24	0.88	0.57	1.04	-0.13	2.73	0.09	-0.13	0.68		



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
X6LRQ2	0.20	0.27	0.00	0.61	-0.27	0.24	0.20	0.07	0.54	1.05	-0.07	0.10	0.10	0.11	0.00	
YZ9LB7	0.26	1.48	0.27	0.64	-0.05	0.19	0.27	1.63	0.20	1.28	1.09	0.15	0.12	0.58	0.06	
Z4NE3Y	0.21	0.48	0.19	0.69	0.33	0.65	0.19	-0.01	0.24	1.01	-0.28	0.21	0.10	0.18	0.16	
ZN8JL3	0.19	0.00	0.60	0.72	0.61	0.48	0.22	0.47	1.08	1.19	0.64	0.43	0.09	-0.21	0.39	
ZNPGVU	0.17	-0.33	0.70	0.82	1.42	2.33	0.15	-0.90	2.32	1.29	1.15	0.21	0.10	0.08	0.79	

Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	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	0.19			0.65			0.19			1.07			0.10			
Median Abs Dev	0.02			0.07			0.03			0.08			0.01			
Avg Within Lab SD	0.01			0.02			0.01			0.06			0.01			
Labs Included	29			29			29			29			29			
Labs Reporting	31			31			31			31			31			



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	0.15	0.62	1.39	0.37	0.16	1.26	0.15	0.50	1.04	0.69	0.31	0.34	0.07	0.86	1.86	
6AULMJ	0.13	0.04	0.64	0.30	-0.51	0.36	0.15	0.36	0.00	0.62	-0.27	1.07	0.05	-0.74	0.00	
6FZH7J	0.13	-0.06	1.11	0.35	0.00	0.96	0.19	1.71	0.54	0.75	0.86	1.15	0.07	0.99	1.42	
6W8GD2	0.11	-0.69	0.75	0.32	-0.37	1.86	0.12	-0.73	1.40	0.59	-0.58	1.34	0.06	-0.05	0.99	
7UXQMX	0.14	0.23	0.11	0.31	-0.41	0.18	0.14	0.11	0.14	0.66	0.03	0.14	0.06	0.05	0.14	
84ZJFP	0.12	-0.28	0.64	0.37	0.14	1.30	0.12	-0.63	0.54	0.68	0.23	0.30	0.05	-0.49	1.42	
9FQGYE	0.17	1.25	0.27	0.40	0.52	0.11	0.18	1.30	0.35	0.65	-0.07	0.05	0.07	0.55	0.09	
AGZ24U	0.14	0.23	0.10	0.32	-0.32	0.32	0.14	0.05	0.05	0.64	-0.12	0.25	0.06	-0.09	0.28	
BADHFK	0.11	-0.65	3.02	0.35	0.00	0.92	0.13	-0.57	2.44	0.38	-2.36	1.95	0.05	-0.98	3.04	
CKUHUT	0.14	0.18	0.34	0.29	-0.67	0.51	0.14	-0.05	0.28	0.68	0.20	0.05	0.06	-0.05	0.37	
F8TDTH	0.15	0.58	0.00	0.37	0.17	0.00	0.16	0.73	0.00	0.67	0.11	0.35	0.06	0.00	0.00	
GJMUHJ	0.11	-0.59	0.56	0.52	1.74	0.61	0.11	-1.16	0.52	0.77	1.02	0.51	0.07	0.69	0.75	
H9XMXK	0.13	0.00	0.00	0.28	-0.75	0.00	0.14	-0.05	0.00	0.65	0.00	0.00	0.06	-0.37	0.00	
HLKY2H	0.13	-0.06	1.11	0.52	1.74	2.01	0.13	-0.38	3.25	0.81	1.39	0.18	0.06	0.25	1.42	
JZ24WG	0.13	0.04	0.64	0.41	0.55	0.36	0.13	-0.38	0.00	0.66	0.08	0.70	0.06	0.00	0.00	
KFQG3W	0.15	0.58	0.00	0.33	-0.21	0.72	0.16	0.60	0.54	0.63	-0.18	0.18	0.06	0.12	0.93	
MDDLHG	0.14	0.32	0.22	0.36	0.07	1.29	0.11	-1.17	0.76	0.64	-0.09	1.35	0.06	-0.27	0.37	
NB2BUC	0.12	-0.39		0.29	-0.65		0.15	0.36		0.54	-0.99		0.06	0.00		
NPLTMF	0.18	1.70	0.50	0.41	0.58	0.53	0.17	1.01	0.11	0.74	0.75	0.44	0.08	1.36	0.28	
P37RT9	0.16	0.92	0.44	0.42	0.71	0.43	0.17	1.25	0.21	0.72	0.55	0.04	0.07	0.39	0.72	
PJWQ3F	0.09	-1.39	1.89	0.43	0.77	2.35	0.09	-1.83	0.99	0.54	-1.01	2.58	0.04	-1.61	0.37	
TW98GN	0.15	0.58	0.00	0.29	-0.62	1.45	0.16	0.60	0.54	0.64	-0.09	0.18	0.10	2.67	0.88	
V8GUJK	0.11	-0.66	0.85	0.39	0.35	0.87	0.14	0.07	0.76	0.66	0.03	1.31	0.05	-0.84	1.63	
VAJUEB	0.07	-2.16	0.36	0.15	-2.14	1.03	0.10	-1.41	0.62	0.41	-2.11	2.20	0.04	-1.14	0.51	
YB88UY	0.07	-2.10	0.06	0.15	-2.11	0.07	0.06	-3.06X	0.07	0.22	-3.81	0.03	0.03	-2.16	0.24	
YP87JG	0.11	-0.71	0.00	0.50	1.47	0.36	0.13	-0.38	0.94	0.75	0.84	1.05	0.06	0.00	0.00	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815			
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	
ZTMQA3	0.10	-1.15	2.30	0.31	-0.48	0.36	0.14	-0.14	0.54	0.64	-0.12	0.61	0.04	-1.48	0.00	

Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	0.13			0.35			0.14			0.65			0.060			
Median Abs Dev	0.02			0.05			0.02			0.03			0.007			
Avg Within Lab SD	0.01			0.02			0.01			0.03			0.004			
Labs Included	27			27			26			27			27			
Labs Reporting	27			27			27			27			27			



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit	
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			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		
2A2UY2	6.14	0.29	1.92	7.18	-0.62	1.41	5.59	1.98	0.66	5.94	0.32	0.96	5.87	0.84	1.26		
3QBVGA	6.20	0.84	2.38	7.33	0.65	1.38	5.40	0.31	0.00	6.07	1.65	2.09	5.83	0.56	1.57		
3TYEFL	6.00	-0.90	2.38	6.47	-6.35X	7.33	7.63	19.97X	10.45	7.83	20.23X	20.62	7.60	15.72X	24.23		
46AYLZ	6.07	-0.29	0.00	7.21	-0.35	0.00	5.31	-0.48	0.00	5.85	-0.63	0.00	5.73	-0.33	0.00		
4M7UPB	6.10	-0.03	0.00	7.31	0.48	0.77	5.40	0.31	0.38	5.84	-0.74	2.83	5.77	-0.01	1.57		
6AULMJ	6.18	0.67	0.48	7.26	0.05	3.84	5.43	0.54	0.95	6.03	1.30	2.57	5.95	1.53	2.32		
7QEPN6	6.17	0.55	1.37	7.37	0.92	1.38	5.33	-0.28	1.10	5.90	-0.11	0.00	5.80	0.27	0.00		
7UXQMX	5.65	-3.98X	0.36	6.83	-3.42X	0.96	5.22	-1.25	2.69	5.57	-3.54X	1.11	5.46	-2.65	1.66		
84ZJFP	6.02	-0.70	0.69	7.28	0.24	0.14	5.26	-0.89	0.22	5.91	0.04	0.55	5.67	-0.84	0.55		
8EKR3X	6.00	-0.90		7.30	0.38	0.00	5.40	0.31	0.00	5.93	0.25	2.09	5.67	-0.87	1.57		
A9L3NX	6.10	-0.03	0.00	7.28	0.19	0.14	5.31	-0.45	0.11	5.94	0.32	0.36	5.73	-0.36	0.16		
AGZ24U	6.00	-0.93	0.27	7.25	-0.03	0.48	5.34	-0.22	1.37	5.83	-0.81	1.11	5.71	-0.53	0.83		
AL9CCN	6.15	0.44	3.03	7.20	-0.43	2.67	5.25	-1.04	1.40	5.74	-1.82	1.79	5.60	-1.42	1.34		
AYYW2R	6.13	0.26	1.37	7.20	-0.43	0.00	5.30	-0.57	0.00	5.80	-1.16	0.00	5.80	0.27	0.00		
BFJEYK	6.20	0.84	0.00	7.40	1.18	0.00	5.30	-0.57	0.00	5.90	-0.11	0.00	5.80	0.27	0.00		
CKUHUT	6.12	0.15	0.86	7.28	0.24	0.69	5.32	-0.37	0.58	5.99	0.88	1.47	5.84	0.64	0.16		
E8Y8YJ	6.02	-0.73	0.71	7.18	-0.57	0.28	5.25	-1.04	0.29	5.84	-0.70	0.21	5.67	-0.87	0.16		
EFAERF	6.20	0.84	0.00	7.40	1.18	0.00	5.40	0.31	0.00	6.00	0.95		5.80	0.27	0.00		
ELDD9X	5.99	-0.99	0.24	7.19	-0.48	0.37	5.28	-0.72	0.29	5.84	-0.70	0.21	5.62	-1.27	0.27		
ERYBTE	5.95	-1.31	0.14	7.19	-0.48	0.14	5.20	-1.42	0.11	5.87	-0.46	0.21	5.71	-0.53	0.16		
EZW6NR	6.20	0.84	0.00	7.43	1.45	1.38	5.43	0.60	1.10	5.90	-0.11	0.00	5.83	0.56	1.57		
F2MJYM	6.12	0.15	0.00	7.39	1.10	0.00	5.40	0.31	0.00	6.11	2.10	0.00	5.74	-0.24	0.00		
F8RKXV	6.13	0.23	0.41	7.39	1.08	0.60	5.35	-0.10	0.22	6.01	1.02	0.21	5.83	0.53	0.72		
F8TDTH	5.92	-1.60	0.24	7.10	-1.21	0.14	5.33	-0.28	1.11	5.84	-0.77	0.91	5.52	-2.13	1.66		
FDGXYJ	6.23	1.10	0.00	7.51	2.05	0.28	5.44	0.63	0.58	6.09	1.89	0.36	5.73	-0.30	0.88		
GJMUHJ	6.12	0.12	0.14	7.30	0.40	0.14	5.31	-0.51	0.29	5.98	0.74	0.63	5.75	-0.16	0.47		



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			Unit
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
GMHRLG	6.10	0.00	0.60	7.34	0.70	0.83	5.38	0.10	0.39	5.91	0.00	0.36	5.82	0.44	1.09	
GW99D7	5.97	-1.13	0.27	7.19	-0.48	0.28	5.21	-1.36	0.19	5.76	-1.61	0.21	5.59	-1.50	0.31	
H3N99A	6.06	-0.38	0.48	7.23	-0.22	1.08	5.40	0.31	0.19	5.94	0.32	0.96	5.78	0.10	0.27	
H9XMXK	6.10	0.00	0.36	7.25	-0.03	0.96	5.33	-0.31	0.38	5.87	-0.39	0.21	5.75	-0.16	0.47	
HLKY2H	6.25	1.31	1.78	7.36	0.89	1.80	5.48	1.04	0.67	6.02	1.19	1.27	5.91	1.22	3.07	
JR3N2H	6.09	-0.12	0.95	7.24	-0.13	0.60	5.31	-0.48	1.06	5.90	-0.14	1.51	5.77	0.04	0.69	
K684MD	5.95	-1.34	1.45	7.11	-1.13	2.46	5.54	1.51	5.50	5.83	-0.88	0.76	5.60	-1.42	3.27	
KFQG3W	5.97	-1.13	0.76	7.18	-0.59	0.96	5.36	-0.01	0.22	5.91	0.04	0.76	5.68	-0.79	0.69	
KLE4VG	6.19	0.78	0.36	7.28	0.19	0.14	5.39	0.19	0.58	5.94	0.35	0.21	5.85	0.73	0.16	
KMNBZV	5.87	-2.06	0.96	7.07	-1.51	1.38	5.15	-1.89	0.19	5.71	-2.07	0.76	5.52	-2.13	1.36	
LDYXHA	6.12	0.15	0.00	7.35	0.78	0.24	5.34	-0.19	0.39	5.89	-0.21	0.63	5.75	-0.13	0.31	
LKENXA	6.22	0.99	0.27	7.34	0.73	0.97	5.46	0.81	1.20	5.96	0.53	0.00	5.88	0.99	0.16	
LMJD2J	6.20	0.84	0.00	7.30	0.38	0.00	5.40	0.31	0.00	5.90	-0.11	0.00	5.90	1.13	0.00	
MDDLHG	5.74	-3.16X	1.04	6.96	-2.40	0.37	5.02	-3.01X	0.11	6.33	4.45X	2.06	6.45	5.82X	0.69	
MXYKDD	6.12	0.12	0.69	7.15	-0.86	0.14	5.25	-1.01		5.88	-0.35	0.21	5.75	-0.19	0.16	
NB2BUC	6.23	1.10	0.95	7.42	1.37	1.00	5.40	0.34	0.29	6.02	1.12	1.51	5.88	0.99	0.69	
ND67DE	6.10	0.00	0.36	7.20	-0.40	0.50	5.45	0.72	0.39	5.95	0.42	0.36	5.81	0.36	0.27	
NPLTMF	5.94	-1.45	0.36	7.10	-1.27	0.37	5.27	-0.84	0.19	5.99	0.84	0.36	5.72	-0.44	0.57	
PJWQ3F	6.07	-0.26	0.69	7.22	-0.24	1.08	5.33	-0.31	0.33	5.88	-0.28	0.21	5.80	0.27	0.47	
PN42BA	6.09	-0.12	0.48	7.20	-0.43	0.48	5.42	0.48	0.38	5.90	-0.11	0.73	5.81	0.36	0.55	
PPHQC2	6.19	0.78	0.36	7.23	-0.19	0.86	5.43	0.57	0.19	5.98	0.74	0.96	5.80	0.24	0.69	
Q32UX3	6.24	1.19	1.79	7.03	-1.83	0.97	5.63	2.36	0.86	6.00	0.91	1.64	6.14	3.22	1.37	
RAGT6M	6.08	-0.23	1.45	7.24	-0.11	0.86	5.39	0.25	0.72	5.89	-0.21	1.81	5.81	0.39	1.50	
TM3KB9	6.03	-0.65	0.86	7.03	-1.78	0.97	5.37	0.01	1.53	5.77	-1.51	0.76	5.74	-0.27	0.42	
TW98GN	6.09	-0.12	0.63	7.26	0.03	0.37	5.38	0.16	0.22	5.93	0.18	0.21	5.77	0.01	0.00	
UEM2RA	6.15	0.38	0.14	7.41	1.29	0.37	5.32	-0.40	0.33	5.88	-0.32	0.96	5.83	0.56	0.57	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VAJUEB	6.05	-0.46	0.24	7.32	0.51	0.14	5.37	0.04	0.33	5.90	-0.11	0.73	5.77	-0.01	0.16	
WHVBLB	6.12	0.15	0.48	7.26	0.05	0.83	5.66	2.63	1.04	6.00	0.95		5.77	-0.01	0.31	
X6LRQ2	6.00	-0.90X		7.20	-0.43	0.00	5.50	1.19		5.90	-0.11	0.00	5.80	0.27	0.00	
XK3QV2	6.22	1.05	0.49	7.26	0.03	0.14	5.45	0.75	0.19	5.99	0.81	0.21	5.92	1.27	0.16	
Z4NE3Y	6.08	-0.24	0.22	7.32	0.51	0.42	5.28	-0.78	0.13	6.01	1.05	0.59	5.76	-0.04	0.00	
ZGRPMZ	6.17	0.55	0.49	7.25	-0.05	0.37	5.40	0.34	0.11	5.93	0.25	0.55	5.75	-0.13	0.69	
ZN8JL3	5.79	-2.76	0.49	7.09	-1.32	0.48	5.11	-2.24	0.19	5.91	-0.04	0.55	5.58	-1.59	0.42	
ZNPGVU	6.25	1.25	2.88	7.28	0.24	1.63	5.35	-0.16	0.67	5.95	0.46	1.51	5.81	0.33	0.96	
ZTMQA3	6.01	-0.78	0.73	7.36	0.86	1.10	5.37	0.07	0.58	6.03	1.23	1.17	5.78	0.10	0.27	
ZVTCX3	6.13	0.23	0.48	7.22	-0.30	0.50	5.28	-0.78	0.39	5.86	-0.49	0.42	5.72	-0.39	0.42	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	6.10			7.25			5.37			5.91			5.77			
Median Abs Dev	0.08			0.06			0.06			0.05			0.05			
Avg Within Lab SD	0.04			0.04			0.05			0.03			0.04			
Labs Included	59			60			60			59			60			
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	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			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		
2A2UY2	6.24	0.23	0.26	7.31	-0.94	1.27	5.75	1.53	1.16	6.15	0.61	0.88	5.94	0.86	0.71		
6W8GD2	7.10	5.18X	0.00	7.60	0.86	0.00	7.17	10.17X	1.28	6.97	4.71X	3.14	6.60	5.34X	0.00		
7UXQMX	5.83	-2.11	0.15	7.10	-2.23	1.01	5.53	0.18	0.91	5.76	-1.38	0.87	5.67	-0.97	0.92		
84ZJFP	6.09	-0.63	0.10	7.41	-0.29	0.36	5.37	-0.79	0.11	6.03	0.00	0.07	5.77	-0.25	0.28		
9FQGYE	5.93	-1.58	0.56	7.31	-0.89	0.14	5.67	1.05	0.15	6.28	1.23	0.28	5.68	-0.88	0.17		
9NLFUU	6.05	-0.88	0.32	7.40	-0.37	0.35	5.24	-1.59	0.40	5.83	-1.04	0.26	5.57	-1.62	0.32		
AGZ24U	6.04	-0.94	0.25	7.53	0.43	0.52	5.58	0.47	3.11	6.02	-0.08	0.50	5.79	-0.14	0.37		
F8TDTH	5.87	-1.92	0.06	7.03	-2.63	0.17	5.21	-1.75	0.17	5.80	-1.18	0.54	5.56	-1.71	0.60		
GJMUHJ	6.21	0.06	0.10	7.47	0.04	0.10	5.40	-0.59	0.23	6.09	0.27	0.07	5.78	-0.18	0.11		
H3N99A	6.18	-0.10	0.29	7.47	0.06	0.75	5.48	-0.12	0.29	6.06	0.15	0.14	5.86	0.32	0.75		
JW3QCD	6.41	1.21	0.20	7.52	0.35	0.53	5.52	0.14	0.28	6.06	0.13	0.45	5.86	0.32	1.12		
K3HX62	6.21	0.06	0.17	7.53	0.43	0.17	5.41	-0.53	0.06	6.01	-0.10	0.07	5.85	0.27	0.32		
KFQG3W	6.09	-0.65	0.23	7.46	0.00	0.00	5.36	-0.87	0.46	5.93	-0.52	0.12	5.72	-0.59	0.78		
LNZ84E	6.16	-0.25	4.65	7.29	-1.02	1.39	5.25	-1.50	2.64	5.93	-0.52	3.65	5.71	-0.70	3.67		
ND67DE	6.25	0.27	0.15	7.46	-0.02	0.70	5.53	0.18	0.33	6.11	0.40	0.40	5.96	1.04	0.28		
NPLTMF	6.05	-0.86	0.10	7.45	-0.08	0.26	5.47	-0.20	0.17	6.23	1.01	0.26	5.80	-0.07	0.67		
P37RT9	6.42	1.29	0.60	7.63	1.02	1.68	5.67	1.02	1.14	6.37	1.72	1.56	5.96	1.04	0.39		
PZC4AD	6.29	0.50	0.06	7.60	0.88	0.43	5.54	0.26	0.06	6.27	1.21	0.19	5.96	1.01	0.19		
TW98GN	6.19	-0.08	0.15	7.52	0.37	0.00	5.53	0.18	0.29	6.06	0.12	0.26	5.81	0.00	0.81		
V8GUJK	6.40	1.15	0.00	7.50	0.25	2.99	5.50	0.00		6.20	0.84	0.00	6.03	1.51	1.08		
YB88UY	6.26	0.33	0.38	7.23	-1.43	1.83	5.54	0.22	0.32	5.77	-1.33	1.32	5.87	0.43	1.35		
YP87JG	6.21	0.08	0.11	6.85	-3.76X	3.75	5.71	1.26	0.83	5.78	-1.30	1.30	6.00	1.26	0.71		
YZ9LB7	6.20	0.00	0.00	7.50	0.25		5.42	-0.49	0.38	6.00	-0.17		5.80	-0.07	0.00		
ZVTCX3	6.26	0.35	0.20	7.35	-0.69	0.36	5.41	-0.57	0.23	5.99	-0.20	0.14	5.85	0.29	0.28		



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups						Data units: Unit
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	6.20	7.46	5.50	6.03	5.81	
Median Abs Dev	0.09	0.07	0.09	0.10	0.09	
Avg Within Lab SD	0.10	0.06	0.09	0.08	0.05	
Labs Included	23	23	23	23	23	
Labs Reporting	24	24	24	24	24	



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pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	5.64	1.04	0.00	6.93	0.11	0.00	4.99	1.13	0.00	5.73	0.50	0.00	5.12	1.11	0.00	
6FZH7J	5.61	0.62	1.41	6.90	-0.11	0.86	4.94	0.39	0.67	5.70	0.00	1.79	5.10	0.79	0.68	
7QEPN6	5.57	0.00	1.78	6.97	0.43	1.42	4.90	-0.20	0.00	5.70	-0.06	0.00	5.03	-0.26	1.95	
7UXQMX	5.18	-5.44X	0.47	6.55	-3.10X	0.38	4.60	-4.66X	1.94	5.38	-6.09X	1.64	4.74	-4.84X	1.98	
AGZ24U	5.50	-0.99	0.18	6.80	-0.97	0.86	4.85	-0.93	0.38	5.65	-1.00	0.47	4.99	-0.89	0.39	
BFJEYK	5.57	0.00	1.78	6.97	0.43	1.42	4.90	-0.20	0.00	5.70	-0.06	0.00	5.03	-0.26	1.95	
CKUHUT	5.52	-0.62	0.78	6.95	0.28	0.74	4.93	0.20	1.94	5.82	2.13	1.19	5.07	0.32	0.34	
E8Y8YJ	5.52	-0.71	0.36	6.85	-0.54	0.28	4.87	-0.59	0.22	5.66	-0.88	0.27	5.02	-0.42	0.39	
ERYBTE	5.38	-2.60	0.18	6.81	-0.88	0.14	4.88	-0.54	0.22	5.70	-0.06	0.47	4.99	-0.89	0.19	
F8TDTH	5.45	-1.61	0.47	6.67	-2.10	0.49	4.84	-1.13	0.59	5.68	-0.38	0.55	5.02	-0.53	0.19	
GJMUHJ	5.54	-0.43	0.47	6.90	-0.14	0.49	4.87	-0.59	0.80	5.75	0.94	0.99	5.04	-0.21	0.52	
JZ24WG	5.58	0.19	0.62	6.90	-0.11	1.40	4.98	0.93	1.18	5.75	0.88	0.95	5.13	1.21	0.97	
KLE4VG	5.60	0.52	0.36	6.99	0.62	0.49	4.99	1.08	0.97	5.71	0.13	0.47	5.13	1.26	0.68	
Q32UX3	5.63	0.95	1.08	6.80	-0.99	0.74	4.96	0.69	1.92	5.76	1.07	0.95	5.11	0.95	0.68	
UEM2RA	5.55	-0.28	0.94	7.11	1.68	0.79	4.86	-0.78	0.38	5.63	-1.44	1.19	5.04	-0.21	1.36	
ZGRPMZ	5.57	0.09	1.52	7.00	0.71	2.15	4.96	0.64	1.18	5.70	0.00	1.19	5.13	1.26	1.35	
ZTMQA3	5.58	0.14	1.25	7.00	0.68	1.16	4.97	0.78	1.74	5.77	1.25	2.17	5.06	0.21	1.28	

pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	5.57			6.92			4.91			5.70			5.05			
Median Abs Dev	0.04			0.07			0.05			0.04			0.04			
Avg Within Lab SD	0.03			0.04			0.03			0.02			0.03			
Labs Included	16			16			16			16			16			
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	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	5.63	0.61	0.45	6.91	-0.20	2.16	4.99	0.65	1.25	5.79	0.30	1.54	5.09	0.51	2.33	
3TYEFL	5.63	0.64	2.72	6.87	-0.58	1.34	4.93	0.23	1.20	5.80	0.38	0.00	5.10	0.58	0.00	
7UXQMX	5.14	-2.16	0.18	6.63	-2.53	0.62	4.63	-1.87	1.14	5.37	-3.15	1.34	4.66	-3.95	2.10	
AGZ24U	5.49	-0.15	0.10	6.94	-0.01	0.13	4.85	-0.35	0.36	5.73	-0.16	0.77	4.99	-0.58	0.42	
B4PXAJ	5.52	0.00	1.25	7.06	1.01	1.01	4.88	-0.14	0.83	5.78	0.22	1.07	5.05	0.10	0.42	
F8TDTH	5.34	-1.02	0.18	6.69	-2.04	0.00	4.76	-0.98	0.21	5.64	-0.93	0.53	4.90	-1.51	0.16	
H3N99A	5.52	0.00	0.31	6.96	0.18	0.40	4.90	0.00	0.00	5.76	0.08	1.24	5.04	-0.07	0.58	
K3HX62	5.58	0.36	0.10	7.06	0.98	0.13	4.92	0.16	0.12	5.75	0.00	0.18	5.07	0.27	0.00	
K684MD	5.93	2.33	1.60	6.89	-0.42	1.63	5.26	2.54	2.76	5.72	-0.25	1.39	5.04	0.00	0.58	
ND67DE	5.57	0.28	0.36	6.95	0.07	0.59	4.96	0.40	0.24	5.80	0.38	0.31	5.05	0.10	0.42	
NPLTMF	5.41	-0.64	0.10	6.99	0.40	0.36	4.76	-0.96	0.12	5.92	1.34	0.18	5.00	-0.41	0.16	
VAJUEB	5.55	0.15	0.10	6.98	0.35	0.47	4.91	0.07	0.21	5.72	-0.25	0.18	5.05	0.07	0.00	
W76AF2	5.45	-0.42	0.97	6.94	0.00	1.25	4.84	-0.42	0.27	5.59	-1.32	1.77	4.99	-0.60	1.38	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	5.52			6.94			4.90			5.75			5.04			
Median Abs Dev	0.07			0.05			0.06			0.04			0.04			
Avg Within Lab SD	0.06			0.04			0.05			0.03			0.04			
Labs Included	13			13			13			13			13			
Labs Reporting	13			13			13			13			13			



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Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
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			
LNZ84E	0.08		1.35	0.17		1.21	0.08		1.24	0.27		1.07	0.04		1.03			
P37RT9	0.08		0.41	0.24		0.74	0.09		0.68	0.31		0.93	0.04		0.97			
Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
Grand Median	0.076			0.21			0.089			0.29			0.038					
Median Abs Dev	0.006			0.01			0.002			0.00			0.001					
Avg Within Lab SD	0.006			0.01			0.002			0.00			0.001					
Labs Included	2			2			2			2			2					
Labs Reporting	2			2			2			2			2					



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SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3TYEFL	6.63	-0.17	1.26	7.10	-1.98	0.00	6.63	0.16	0.28	6.77	0.39	1.20	5.93	-0.13	1.38	
46AYLZ	6.70	0.17	0.00	7.20	-0.18	0.00	6.51	-0.53	0.00	6.67	-0.60	0.00	6.53	1.86	0.00	
CKUHUT	6.91	1.24	2.02	7.25	0.78	1.97	7.10	2.76	2.76	6.83	1.08	1.59	6.18	0.68	0.77	
F8RKXV	6.61	-0.29	1.00	7.21	0.06	1.05	6.67	0.38	0.43	6.77	0.39	0.87	5.87	-0.33	1.23	
F8TDTH	6.43	-1.20	0.67	7.10	-1.98	0.83	6.52	-0.45	0.10	6.64	-0.87	1.51	5.66	-1.06	1.54	
JW3QCD	6.72	0.29	0.67	7.21	0.00	1.50	6.57	-0.21	0.35	6.69	-0.39	0.63	6.01	0.13	0.97	
VAJUEB	6.56	-0.57	0.33	7.21	0.00	0.00	6.58	-0.16	0.03	6.69	-0.43	0.12	5.77	-0.67	0.14	
ZTMQA3	6.95	1.46	0.58	7.23	0.42	0.24	6.74	0.75	0.05	6.85	1.25	0.75	6.13	0.52	0.83	

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups										Data units: Unit					
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
Grand Median	6.67			7.21			6.61			6.73			5.97		
Median Abs Dev	0.08			0.02			0.08			0.05			0.18		
Avg Within Lab SD	0.05			0.02			0.21			0.05			0.04		
Labs Included	8			8			8			8			8		
Labs Reporting	8			8			8			8			8		



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QBVGA	6.77	0.38	1.87	7.17	0.00	2.81	6.80	1.83	0.00	6.83	1.38	1.54	6.27	1.37	1.57	
4M7UPB	6.70	-0.10	0.00	7.32	1.94	1.40	6.33	-3.19X	4.25	6.63	-0.92	1.54	6.40	2.25	0.00	
84ZJFP	6.54	-1.24	0.86	7.17	0.00	1.01	6.61	-0.18	1.85	6.71	0.00	0.86	5.88	-1.19	0.31	
8EKR3X	6.67	-0.34	1.87	7.20	0.43	0.00	6.50	-1.40		6.57	-1.69	1.54	6.03	-0.16	1.57	
A9L3NX	6.72	0.02	0.67	7.13	-0.52	0.56	6.53	-1.04	0.16	6.66	-0.61	0.27	6.03	-0.18	0.27	
AYYW2R	6.90	1.34	0.00	7.10	-0.86	0.00	6.60	-0.32	0.00	6.73	0.23	1.54	6.33	1.81	1.57	
E8Y8YJ	6.63	-0.62	0.19	7.12	-0.65	0.28	6.62	-0.07	0.16	6.68	-0.38	0.71	6.03	-0.16	0.31	
EJAFZP	6.54	-1.27	1.04	7.22	0.69	1.68	6.65	0.21	0.96	6.71	-0.04	0.92	5.88	-1.16	0.81	
FBAMWN	6.67	-0.29	0.30	7.39	2.84	0.03	6.78	1.60	0.04	6.89	1.99	0.10	6.06	0.00	0.09	
GJMUHJ	6.71	0.00	0.49	7.13	-0.43	1.22	6.57	-0.64	0.28	6.67	-0.50	0.96	6.04	-0.09	0.83	
GMHRLG	6.44	-1.96	1.80	7.11	-0.78	0.74	6.53	-1.11	2.50	6.67	-0.50	0.96	5.86	-1.30	0.81	
HLKY2H	7.46	5.39X	1.66	7.56	5.04X	0.56	7.40	8.23X	1.05	7.46	8.57X	0.31	6.96	5.95X	1.34	
JR3N2H	6.67	-0.34	0.99	7.15	-0.26	0.74	6.51	-1.29	0.74	6.65	-0.69	0.86	5.99	-0.46	1.59	
KLE4VG	6.85	0.96	0.37	7.24	0.95	0.84	6.64	0.07	0.43	6.80	1.04	0.41	6.11	0.32	0.16	
LDYXHA	6.78	0.50	0.19	7.23	0.82	0.00	6.65	0.18	0.16	6.72	0.08	0.27	6.11	0.37	0.16	
LKENXA	6.76	0.31	1.04	7.15	-0.17	0.28	6.56	-0.72	0.43	6.72	0.04	0.41	6.09	0.24	0.41	
LMJD2J	6.70	-0.10	0.00	7.10	-0.86	0.00	6.60	-0.32	0.00	6.70	-0.15	0.00	6.00	-0.38		
MDDLHG	6.58	-0.93	2.20	7.18	0.13	0.28	6.75	1.25	0.70	6.90	2.11	0.41	6.18	0.78	2.04	
PJWQ3F	6.82	0.79	1.31	7.16	-0.04	1.96	6.64	0.14	2.27	6.71	0.00	2.54	6.15	0.63	2.06	
PN42BA	6.72	0.05	0.65	7.11	-0.73	0.49	6.53	-1.07	0.56	6.61	-1.19	0.53	5.99	-0.44	0.54	
RAGT6M	6.55	-1.17	0.56	7.21	0.56	0.84	6.69	0.64	0.28	6.76	0.50	0.41	5.94	-0.75	0.57	
WHVBLB	6.79	0.55	0.32	7.20	0.43	0.00	6.67	0.39	1.61	6.74	0.31	0.92	6.11	0.37	0.41	
ZTMQA3	6.96	1.75	0.19	7.22	0.65	0.28	6.64	0.11	0.74	6.78	0.73	0.41	6.15	0.61	0.47	
ZVTCX3	6.78	0.50	0.67	7.23	0.78	0.74	6.65	0.25	0.43	6.75	0.42	0.53	6.13	0.50	0.41	



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups						Data units: Unit
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	6.71	7.17	6.63	6.71	6.06	
Median Abs Dev	0.07	0.05	0.05	0.04	0.07	
Avg Within Lab SD	0.03	0.02	0.04	0.04	0.04	
Labs Included	23	23	22	23	23	
Labs Reporting	24	24	24	24	24	



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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit			
SRS1811			SRS1812			SRS1813			SRS1814			SRS1815					
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		
CKUHUT	7.48		1.06	7.60		1.26	7.43		1.05	7.46		1.34	6.95		0.94		
ELDD9X	7.30		0.15	7.55		0.84	7.38		1.43	7.43		1.34	6.70		0.89		
H9XMXK	7.45		1.03	7.54		0.84	7.36		0.69	7.36		0.46	6.94		0.36		
NB2BUC	7.62		1.34				7.49		0.61	7.54		0.46	7.20		1.48		
Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit			
SRS1811		SRS1812		SRS1813		SRS1814		SRS1815									
Grand Median	7.47			7.55			7.41			7.44			6.95				
Median Abs Dev																	
Avg Within Lab SD	0.04			0.02			0.03			0.02			0.03				
Labs Included	4			3			4			4			4				
Labs Reporting	4			3			4			4			4				



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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	6.69	0.41	0.00	6.94	-1.28	0.00	6.46	0.00	0.00	6.66	0.90	0.00	6.21	1.10	0.00	
CKUHUT	6.68	0.28	1.16	6.97	-0.49	1.38	6.50	0.37	0.81	6.65	0.77	1.03	6.10	0.46	1.20	
E8Y8YJ	6.67	0.20	0.67	6.98	0.00	0.38	6.55	0.91	0.39	6.68	1.10	0.59	6.03	0.00	0.28	
GJMUHJ	6.43	-2.77	0.88	7.01	0.89	1.01	6.22	-2.46	0.22	6.48	-1.26	1.19	5.77	-1.51	0.99	
KLE4VG	6.63	-0.28	0.25	7.03	1.28	0.38	6.43	-0.34	0.59	6.56	-0.33	0.39	5.97	-0.32	0.73	
Q32UX3	6.66	0.00	1.77	7.00	0.59	1.66	6.42	-0.37	1.57	6.59	0.00	1.62	5.88	-0.88	1.43	
ZN8JL3	6.59	-0.77	1.10	6.98	-0.20	1.01	6.49	0.27	1.83	6.56	-0.37	1.19	6.10	0.46	1.38	

Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	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	6.66			6.98			6.46			6.59			6.03			
Median Abs Dev	0.02			0.02			0.04			0.06			0.08			
Avg Within Lab SD	0.02			0.02			0.03			0.03			0.02			
Labs Included	7			7			7			7			7			
Labs Reporting	7			7			7			7			7			



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
6AULMJ	6.22		0.32				6.15		1.07	6.17		1.14	5.77		0.73
6FZH7J	6.18		1.38	6.54		1.00	6.14		0.93	6.09		0.83	5.82		1.21
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
Grand Median	6.20			6.54			6.15			6.13			5.79		
Median Abs Dev															
Avg Within Lab SD	0.04			0.01			0.03			0.03			0.04		
Labs Included	2			1			2			2			2		
Labs Reporting	2			1			2			2			2		



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NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	13.5	0.3	0.3	18.8	-0.1	0.5	18.9	-0.6	1.7	139.3	0.3	0.6	4.5	0.1	0.6	
3QBVGA	9.7	-0.9	0.4	19.7	0.2	0.2	20.2	0.1	0.9	142.8	0.4	0.9	3.3	-0.7	0.5	
3TYEFL	14.4	0.6	0.1	19.1	0.0	0.2	19.2	-0.5	0.4	136.7	0.2	0.1	4.6	0.2	0.5	
4M7UPB	12.5	0.0	0.3	22.3	1.2	0.5	23.4	1.9	0.6	134.4	0.1	0.9	4.3	0.0	0.3	
6W8GD2	14.3	0.6	1.5	20.3	0.5	0.9	20.7	0.4	1.8	126.7	-0.3	1.4	4.7	0.2	1.4	
84ZJFP	11.2	-0.4	0.9	20.3	0.5	0.6	21.8	1.0	0.4	136.4	0.2	0.2	8.9	3.1	0.7	
8EKR3X	10.3	-0.7	0.8	19.7	0.2	0.5	21.0	0.5		109.3	-1.0	0.3	4.7	0.2	1.0	
9FQGYE	15.5	1.0	0.6	21.6	1.0	0.0	20.8	0.5	0.2	137.3	0.2	0.6	4.6	0.2	0.1	
9NLFUU	14.7	0.7	0.3	17.7	-0.6	0.5	19.2	-0.5	0.3	101.4	-1.3	0.2	5.3	0.6	2.3	
A9L3NX	10.4	-0.7	0.5	19.1	0.0	0.1	20.8	0.5	0.2	139.5	0.3	0.4	3.4	-0.7	0.1	
AL9CCN	14.5	0.7	0.1	19.0	-0.1	0.1	19.8	-0.1	0.1	127.6	-0.2	0.4	4.3	0.0	0.1	
CKUHUT	13.1	0.2	0.2	17.5	-0.7	0.4	18.1	-1.1	1.1	123.6	-0.4	0.0	2.6	-1.2	0.5	
E8Y8YJ	10.4	-0.7	1.3	20.4	0.5	0.6	20.2	0.1	0.5	132.5	0.0	1.0	3.6	-0.5	0.2	
F2MJYM	11.4	-0.4	0.0	17.8	-0.5	0.0	18.6	-0.8	0.0	117.9	-0.6	0.0	4.1	-0.2	0.0	
F8RKXV	14.8	0.7	1.6	20.2	0.4	1.2	20.5	0.3	1.4	140.7	0.4	0.6	6.1	1.2	2.0	
F8TDTH	12.5	0.0	4.3	21.3	0.9	3.1	18.3	-1.0	2.2	242.7	4.8X	1.1	6.5	1.5	2.6	
GJMUHJ	11.6	-0.3	0.3	22.5	1.3	0.2	22.9	1.6	0.6	152.9	0.9	0.6	3.0	-0.9	0.2	
H9XMXK	10.5	-0.7	0.1	20.7	0.6	0.2	21.7	1.0	0.7	143.2	0.5	0.2	2.5	-1.2	0.1	
HLKY2H	13.6	0.4	2.3	33.0	5.5X	1.7	38.5	10.5X	10.0	94.1	-1.7	0.6	1.2	-2.1	2.8	
JR3N2H	10.4	-0.7	0.2	18.7	-0.2	0.2	20.8	0.4	0.4	122.3	-0.4	0.5	4.1	-0.1	0.3	
JW3QCD	11.2	-0.4	0.9	19.5	0.1	1.2	20.0	0.0	2.7	141.6	0.4	0.7	13.3	6.1X	1.0	
JZ24WG	14.7	0.7	1.0	18.8	-0.1	0.2	19.1	-0.5	0.3	120.1	-0.5	1.0	4.4	0.0	0.6	
LDYXHA	3.9	-2.8X	0.2	17.3	-0.8	0.2	18.8	-0.7	1.1	111.6	-0.9	0.1	3.2	-0.8	0.0	
LKENXA	10.1	-0.8	0.1	14.1	-2.0	0.0	17.9	-1.2	0.1	79.5	-2.3	0.0	3.9	-0.3	0.0	
LNZ84E	22.0	3.1X	1.1	20.8	0.7	2.5	20.6	0.3	0.6	232.1	4.3X	0.4	4.2	-0.1	0.6	
MDDLHG	13.0	0.2		18.0	-0.5		18.0	-1.2		163.7	1.3	0.3	4.3	0.0	1.0	



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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	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MXYKDD	7.0	-1.8		25.3	2.5	1.3	21.7	0.9	2.4	117.7	-0.6	0.6	5.3	0.7	1.0	
NB2BUC	20.0	2.5		29.0	3.9		31.0	6.2X		193.0	2.6		6.0	1.1		
NL3UFC	10.0	-0.8	0.5	20.2	0.4	1.5	20.8	0.4	0.7	141.9	0.4	0.6	6.9	1.7	2.4	
Q32UX3	10.3	-0.7	0.4	19.1	0.0	0.7	18.7	-0.8	1.6	106.7	-1.1	1.3	4.2	-0.1	1.1	
RAGT6M	16.6	1.3	0.3	23.0	1.5	0.8	22.1	1.2	0.4	108.0	-1.1	0.4	5.0	0.5	0.3	
RDYVA8	12.2	-0.1	0.1	5.0	-5.7X		20.5	0.3	0.7	150.0	0.8	0.2	20.1	10.7X	0.5	
TM3KB9	17.1	1.5	0.5	22.9	1.5	0.6	19.5	-0.3	0.6	137.4	0.2	0.1	5.6	0.9	0.2	
VAJUEB	13.5	0.3	0.3	17.6	-0.6	0.2	18.1	-1.1	0.2	12.6	-5.2X	0.0	4.1	-0.1	0.1	
VWJT2A	14.1	0.5		19.1	0.0		20.1	0.0					6.3	1.3		
W76AF2	9.8	-0.9	0.2	18.6	-0.2	0.3	20.5	0.3	1.0	117.4	-0.7	1.1	2.3	-1.4	1.0	
WHVBLB	10.4	-0.7	0.7	19.8	0.3	1.2	22.3	1.3	0.7	119.5	-0.6	0.9	3.0	-0.9	1.0	
X6LRQ2	14.7	0.7	0.3	19.3	0.1	0.2	20.0	0.0	0.2	139.0	0.3	0.7	4.8	0.3	0.2	
Y6YWL6	11.0	-0.5	1.4	18.9	-0.1	0.8	19.5	-0.3	0.9	132.2	0.0	1.7	5.4	0.7	0.3	
YP87JG	13.9	0.5	0.5	19.2	0.0	0.4	19.9	-0.1	0.6	145.0	0.5	0.7	4.8	0.3	0.4	
YZ9LB7	13.4	0.3	0.1	16.3	-1.2	0.1	18.3	-1.0	0.7	105.4	-1.2	0.2	4.0	-0.2	0.1	
Z4NE3Y	12.9	0.1	0.7	17.9	-0.5	0.5	18.5	-0.9	0.5	143.7	0.5	0.3	5.0	0.4	0.2	
ZN8JL3	8.7	-1.2	0.1	18.3	-0.3	0.1	19.4	-0.4	0.1	132.5	0.0	0.7	3.7	-0.4	0.2	
ZNPGVU	10.5	-0.7	0.9	12.7	-2.6	3.3	14.3	-3.3	1.3	79.2	-2.3	4.4	1.8	-1.7	0.7	
ZTMQA3	14.7	0.7	0.1	19.7	0.2	0.1	20.6	0.3	0.3	139.7	0.3	1.9	4.5	0.1	0.4	
ZVTCX3	9.7	-0.9	0.0	19.0	-0.1	0.1	20.3	0.2	0.1	123.7	-0.4	0.1	3.6	-0.5	0.0	

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	12.5			19.2			20.0			132.5			4.33			
Median Abs Dev	2.1			1.2			0.8			10.5			0.72			
Avg Within Lab SD	0.8			1.2			0.6			4.3			0.56			
Labs Included	44			44			44			42			44			
Labs Reporting	46			46			46			45			46			



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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815			
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	
4WTN8Z	15.0	0.5	0.5	22.4	-0.3	1.4	19.3	0.4	0.3	125.1	-0.4	0.7	7.2	1.6	1.6	
6AULMJ	13.5	0.0	1.3	24.8	0.3	1.4	17.6	-0.3	1.3	127.7	-0.3	1.7	3.8	-0.3	0.8	
EJAFZP	14.7	0.3	0.5	19.1	-1.1	0.2	19.8	0.6	0.7	116.1	-0.9	0.7	6.1	1.0	0.8	
GMHRLG	13.6	0.0	1.6	27.5	0.9	0.4	17.0	-0.5	1.0	145.6	0.6	1.3	4.6	0.2	0.3	
LMJD2J	7.3	-1.9	0.8	25.0	0.3	0.8	14.0	-1.8	0.8	163.0	1.5	0.2	3.0	-0.7		
V8GUJK	9.3	-1.3	0.8	18.7	-1.2	1.0	19.0	0.3	1.4	140.0	0.3	0.7	4.0	-0.2		

NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	13.5			23.6			18.3			133.8			4.32			
Median Abs Dev	1.3			2.7			1.2			10.2			0.94			
Avg Within Lab SD	0.7			1.2			1.2			4.8			0.78			
Labs Included	6			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
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	
ATCG3M	13.7		0.3	18.3		0.6	18.5		0.5	154.5		0.4	5.8		0.2	
ELDD9X	15.6		0.3	21.2		0.8	19.6		0.3	133.7		0.7	4.7		0.3	
FBAMWN	18.1		1.9	23.4		1.5	23.8		1.7	154.4		1.8	6.5		1.1	
PJWQ3F	13.0		0.2	17.0		0.9	15.3		0.8	93.5		0.3	5.8		1.6	
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	14.7			19.7			19.0			144.0			5.77			
Median Abs Dev																
Avg Within Lab SD	0.5			0.3			0.6			2.3			0.20			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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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	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	48.03	0.86	0.30	13.20	1.62	0.46	14.03	-0.44	0.17	17.37	1.36	1.02	7.63	1.64	0.30	
3QBVGA	48.58	0.92	1.23	9.20	0.04	0.20	15.37	0.15	0.37	13.00	0.22	1.00	5.37	-0.06	0.65	
3TYEFL	53.67	1.42	0.11	11.30	0.87	0.94	16.10	0.48	0.23	15.43	0.85	0.64	5.87	0.31	1.60	
6AULMJ	43.07	0.36	2.38	8.17	-0.37	0.40	13.83	-0.53	1.60	10.37	-0.47	1.30	5.45	0.00	0.20	
6W8GD2	52.07	1.26	0.64	14.70	2.22	0.35	19.40	1.96	2.57	15.77	0.94	1.24	7.58	1.60	1.51	
84ZJFP	30.03	-0.94	0.70	8.93	-0.07	0.43	14.87	-0.07	0.89	11.57	-0.15	1.24	7.27	1.36	1.35	
9FQGYE	34.36	-0.51	0.38	5.81	-1.30	0.33	13.45	-0.71	0.83	9.36	-0.73	0.35	4.88	-0.42	0.32	
9NLFUU	34.14	-0.53	1.46	4.23	-1.93	0.08	11.65	-1.51	1.85	5.27	-1.79	0.09	5.03	-0.31	0.29	
A9L3NX	37.27	-0.22	0.17	9.97	0.35	0.02	17.74	1.21	0.05	14.32	0.56	0.23	5.43	-0.01	0.31	
AL9CCN	49.36	0.99	0.10	8.82	-0.11	0.12	15.20	0.08	0.08	12.15	0.00	0.11	5.38	-0.05	0.14	
E8Y8YJ	30.43	-0.90	1.51	9.42	0.13	0.62	12.36	-1.20	1.10	10.46	-0.44	1.59	4.03	-1.06	2.13	
ELDD9X	35.00	-0.44	0.20	7.10	-0.79	0.07	13.90	-0.50	0.41	8.93	-0.84	0.09	6.67	0.91	0.15	
F2MJYM	34.94	-0.45	0.00	7.38	-0.68	0.00	11.95	-1.38	0.00	9.90	-0.59	0.00	5.46	0.01	0.00	
F8TDTH	46.07	0.66	1.35	6.58	-1.00	0.22	16.13	0.50	0.98	14.31	0.56	1.82	2.73	-2.03	0.54	
GJMUHJ	32.93	-0.65	0.11	9.85	0.30	0.10	17.33	1.03	0.45	14.43	0.59	0.55	5.09	-0.27	0.37	
H9XMXK	39.27	-0.02	0.50	13.30	1.66	0.01	17.66	1.18	0.12	17.51	1.40	0.09	6.54	0.82	0.33	
JZ24WG	38.19	-0.12	0.08	5.15	-1.57	0.30	13.33	-0.76	0.01	7.84	-1.12	0.20	5.08	-0.27	1.39	
KFQG3W	48.38	0.89	0.78	8.49	-0.24	0.06	13.50	-0.68	0.16	11.21	-0.25	0.68	6.24	0.60	0.16	
LDYXHA	32.40	-0.70	0.17	9.37	0.10	0.04	15.50	0.21	0.11	9.80	-0.61	0.40	5.27	-0.13	0.40	
MDDLHG	55.67	1.62	0.28	16.33	2.86X	0.39	22.00	3.12X	1.14	17.67	1.44	0.88	14.33	6.66X	1.51	
MXYKDD	30.33	-0.91	0.28	9.67	0.22	0.39	14.00	-0.46		12.33	0.05	0.88	6.33	0.66	1.51	
NL3UFC	37.80	-0.16	0.14	8.22	-0.35	0.43	15.18	0.07	1.69	11.83	-0.09	1.36	4.54	-0.68	0.28	
PJWQ3F	32.74	-0.67	0.44	8.15	-0.38	0.33	11.93	-1.38	1.08	9.15	-0.78	0.84	5.43	-0.01	0.98	
Q32UX3	28.33	-1.11	0.67	10.58	0.59	0.52	15.70	0.30	0.57	16.67	1.18	1.23	4.90	-0.41	2.35	
VAJUEB	44.72	0.53	0.18	9.01	-0.04	0.01	14.18	-0.38	0.11	11.90	-0.07	0.26	5.70	0.19	0.29	
W76AF2	31.55	-0.79	1.47	3.99	-2.02	1.13	13.21	-0.81	1.53	7.74	-1.15	2.32	3.63	-1.36	1.87	



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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	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
X6LRQ2	48.83	0.94	0.46	9.60	0.20	0.18	16.13	0.50	0.07	13.10	0.25	0.26	7.00	1.16	0.26	
YP87JG	39.43	0.00	1.20	9.25	0.06	0.13	15.88	0.38	0.37	13.73	0.41	0.06	6.41	0.72	0.06	
YZ9LB7	44.21	0.48	0.10	8.19	-0.36	0.11	14.80	-0.10	0.21	10.63	-0.40	0.10	6.54	0.82	1.24	
Z4NE3Y	43.60	0.42	0.99	8.50	-0.24	0.24	14.17	-0.38	0.37	10.50	-0.43	0.61	6.60	0.86	1.19	
ZN8JL3	41.30	0.19	1.20	10.00	0.36	0.23	16.50	0.66	0.30	14.07	0.50	0.09	4.70	-0.56	0.69	
ZNPGVU	42.98	0.35	3.22	11.58	0.98	5.25	16.61	0.71	2.64	17.81	1.47	2.67	12.63	5.38X	18.35	
ZTMQA3	51.90	1.25	0.23	10.23	0.45	0.04	16.93	0.85	0.26	14.40	0.59	0.26	7.57	1.59	0.55	

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	39.4			9.10			15.0			12.2			5.45			
Median Abs Dev	6.6			0.92			1.2			2.2			0.80			
Avg Within Lab SD	2.0			1.50			0.9			0.7			0.38			
Labs Included	33			32			32			33			31			
Labs Reporting	33			33			33			33			33			



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	20.7	2.3	0.0	24.9	1.4	0.0	25.1	-2.2	0.0	78.9	-0.4	0.0	1.0	-1.1	0.0	
4M7UPB	15.3	-0.2	1.0	22.3	0.4	0.9	36.0	-0.2	1.0	74.9	-0.9	1.2	2.3	-0.4	0.5	
7QEPN6	15.3	-0.2	1.0	27.3	2.3	2.2	41.0	0.7	1.0	84.0	0.3	0.8	5.7	1.6	1.5	
84ZJFP	17.7	0.9	1.0	21.3	0.1	0.8	31.7	-1.0	2.4	85.0	0.4	0.8	1.3	-1.0	1.5	
8EKR3X	15.0	-0.4		23.3	0.8	0.8	39.3	0.4	0.5	90.7	1.1	0.5	3.0	0.0		
A9L3NX	15.9	0.0	0.1	20.2	-0.4	0.1	39.0	0.3	0.4	84.2	0.3	0.4	1.7	-0.7	0.1	
AYYW2R	16.6	0.4	0.4	23.3	0.8	0.9	41.6	0.8	0.3	85.4	0.5	0.1	1.9	-0.6	0.3	
BFJEYK	15.0	-0.4		25.0	1.5		44.3	1.3	0.5	78.0	-0.5		5.7	1.6	0.8	
E8Y8YJ	15.1	-0.3	2.1	20.4	-0.3	1.4	31.2	-1.1	0.5	81.5	0.0	1.8	2.4	-0.3	1.0	
ELDD9X	19.9	1.9	0.5	25.8	1.7	0.2	37.7	0.1	0.4	91.3	1.2	0.5	1.9	-0.6	1.1	
ERYBTE	13.2	-1.2	0.1	19.5	-0.6	0.1	36.4	-0.2	0.0	82.0	0.0	0.0				
F8TDTH	16.7	0.4	0.4	22.3	0.4	0.7	23.7	-2.4	0.9	89.5	1.0	1.3	4.8	1.1	1.0	
GJMUHJ	11.6	-1.9	0.5	17.1	-1.5	1.3	33.4	-0.7	1.0	72.9	-1.1	0.4	1.6	-0.8	0.3	
GMHRLG	16.7	0.4	0.6	19.4	-0.7	0.8	38.0	0.1	0.5	75.3	-0.8	0.7	2.1	-0.5	0.9	
H9XMXK	19.5	1.7	0.5	23.9	1.0	0.1	35.0	-0.4	0.2	98.8	2.2	0.0	3.4	0.3	0.2	
JR3N2H	14.7	-0.5	1.0	22.0	0.3	1.4	42.0	0.8		85.3	0.5	0.9	3.3	0.2	1.5	
JW3QCD	15.7	0.0	1.0	19.0	-0.8	0.4	28.6	-1.5	1.1	66.5	-1.9	0.4	3.0	0.0	0.8	
KLE4VG	16.3	0.2	0.3	19.5	-0.6	0.2	33.0	-0.8	0.2	73.9	-1.0	0.1	2.0	-0.6	0.2	
LDYXHA	18.0	1.0		21.0	-0.1		39.0	0.3		84.0	0.3	0.5	2.3	-0.4	1.5	
LMJD2J	15.3	-0.2	1.0	19.0	-0.8		35.0	-0.4	1.0	68.0	-1.8		5.0	1.2		
PJWQ3F	17.3	0.7	1.9	20.2	-0.4	2.2	27.4	-1.8	2.7	83.7	0.3	0.6	4.6	1.0	0.7	
Q32UX3	14.1	-0.8	0.3	21.8	0.2	0.4	41.4	0.7	0.5	83.2	0.2	0.5	4.0	0.6	0.6	
RAGT6M	19.5	1.7	0.7	22.2	0.4	1.1	42.0	0.8	0.7	78.2	-0.5	3.0	3.0	0.0	1.9	
UEM2RA	16.9	0.5	0.2	21.3	0.1	0.2	37.8	0.1	0.9	88.0	0.8	0.6	2.7	-0.1	0.7	
WHVBLB	16.3	0.2	2.6	19.7	-0.6	0.8	37.3	0.0	1.5	75.7	-0.8	1.3	2.7	-0.2	1.5	
XK3QV2	17.0	0.6		21.7	0.2	0.8	38.0	0.1		80.3	-0.2	1.3	6.0	1.8	1.3	



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815			
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	
ZGRPMZ	15.1	-0.3	0.6	19.5	-0.6	1.3	37.2	0.0	1.4	77.8	-0.5	1.9	6.0	1.8	1.1	
ZN8JL3	15.5	-0.1	0.3	19.6	-0.6	0.3	37.4	0.0	0.1	77.9	-0.5	0.4	3.2	0.1	0.7	
ZTMQA3	15.0	-0.4	1.7	21.0	-0.1	1.4	33.0	-0.8	1.0	82.7	0.1	0.7	2.3	-0.4	1.5	
ZVTCX3	15.3	-0.2	0.1	20.1	-0.4	0.8	35.8	-0.3	0.3	79.5	-0.3	0.2	3.6	0.4	0.2	
PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	15.8			21.2			37.3			81.7			2.95			
Median Abs Dev	0.8			1.5			3.0			3.7			0.99			
Avg Within Lab SD	0.6			0.7			1.1			2.2			0.39			
Labs Included	30			30			30			30			29			
Labs Reporting	30			30			30			30			29			



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PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
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
3TYEFL	19.2		0.2	21.6		0.6	32.2		0.5	72.8		1.5	2.0		1.6			
9NLFUU	14.7		1.1	13.3		0.9	16.7		0.7	62.7		0.2	4.7		1.2			
F8RKXV	16.7		1.7	17.0		1.7	26.3		1.8	64.8		1.3	1.7		0.3			
GW99D7	11.1		0.0	17.7		0.0	20.2		0.0	20.1		0.1	0.4		0.0			
PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
Grand Median	15.7			17.4			23.3			63.7			1.86					
Median Abs Dev																		
Avg Within Lab SD	0.5			0.7			0.8			3.0			0.48					
Labs Included	4			4			4			4			4					
Labs Reporting	4			4			4			4			4					



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2A2UY2	8.5	0.4	0.4	12.3	0.4	0.6	15.5	-0.3	1.1	48.8	1.1	2.3	4.8	-0.8	0.4		
3TYEFL	8.3	0.3	0.8	11.3	0.0	0.7	15.7	-0.2	1.6	42.3	0.0	0.3	8.0	0.5	1.2		
4M7UPB	5.8	-0.8	0.2	10.8	-0.3	0.2	15.7	-0.2	0.4	41.3	-0.1	0.9	6.0	-0.3			
4WTN8Z	15.0	3.2	0.4	16.3	2.1	1.6	20.3	1.3	1.8	41.5	-0.1	1.9	11.7	2.0	1.3		
6W8GD2	7.6	-0.1	0.3	11.7	0.1	0.7	17.7	0.4	0.6	43.0	0.1	0.6	7.6	0.3	0.2		
84ZJFP	8.7	0.4	0.8	13.0	0.7	2.2	18.0	0.5	1.0	45.0	0.5	1.0	7.7	0.3	0.7		
8EKR3X	7.3	-0.2	0.8	12.3	0.4	0.7	16.3	0.0	0.6	43.7	0.3	0.7	6.7	-0.1	0.7		
9FQGYE	7.7	0.0	0.2	11.7	0.1	0.3	15.4	-0.3	0.3	42.1	0.0	0.4	6.5	-0.1	0.0		
ATCG3M	6.6	-0.5	0.6	11.5	0.0	0.6	12.6	-1.2	0.9	38.8	-0.5	1.2	5.5	-0.5	0.6		
E8Y8YJ	5.4	-1.0	1.2	10.6	-0.4	0.6	15.1	-0.4	0.3	37.7	-0.7	1.9	5.6	-0.5	0.9		
EJAFZP	6.8	-0.4	1.1	11.7	0.1	0.2	17.4	0.3	0.5	50.6	1.4	0.7	6.1	-0.3	0.5		
F8RKXV	7.6	0.0	0.9	11.1	-0.1	1.4	15.6	-0.2	1.9	43.1	0.2	1.4	6.9	0.0	0.7		
FBAMWN	9.6	0.8	2.3	12.5	0.4	1.5	24.5	2.6X	1.9	55.9	2.3	0.8	8.1	0.5	0.1		
GGAGDM	24.3	7.2X	1.6	27.3	6.7X	3.2	19.3	1.0	0.6	79.0	6.0X	1.0	31.7	10.1X	2.4		
GJMUHJ	8.8	0.5	0.3	13.8	1.0	0.1	17.1	0.2	0.7	51.0	1.4	1.0	6.4	-0.2	0.2		
GMHRLG	8.3	0.3	3.2	10.9	-0.2	0.9	13.2	-1.0	2.5	38.8	-0.5	1.1	5.9	-0.4	1.3		
GW99D7	8.5	0.3	0.1	14.3	1.2	0.1	16.8	0.2	0.0	50.0	1.3	0.2	5.7	-0.5	0.0		
JR3N2H	6.5	-0.5	0.2	11.1	-0.1	0.5	19.4	1.0	0.4	38.6	-0.6	0.7	6.8	0.0	0.4		
JW3QCD	8.2	0.2	0.4	11.1	-0.1	0.8	19.4	1.0	0.6	35.5	-1.1	0.7	12.7	2.4	0.7		
KMNBZV	13.8	2.7	0.8	17.1	2.4	3.2	22.1	1.9	0.6	50.4	1.4	1.1	14.0	2.9	3.6		
LDYXHA	5.0	-1.2		10.3	-0.5	0.7	16.0	-0.1		45.0	0.5	0.6	5.0	-0.7			
LKENXA	4.7	-1.3	0.0	8.2	-1.4	0.0	11.1	-1.7	0.0	33.2	-1.5	0.0	4.9	-0.8	0.0		
LMJD2J	5.3	-1.0	0.8	9.3	-0.9	0.7	16.0	-0.1		40.3	-0.3	0.3	7.0	0.1			
MDDLHG	8.7	0.4	0.8	11.7	0.1	0.7	18.3	0.7	0.6	42.0	0.0	0.6	7.7	0.3	0.7		
NL3UFC	7.9	0.1	1.0	12.0	0.2	0.2	16.8	0.2	0.8	42.1	0.0	0.3	8.6	0.7	0.6		
PJWQ3F	9.0	0.6	0.1	14.0	1.1	1.2	19.5	1.0	0.6	52.9	1.8	2.3	7.9	0.4	0.5		



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RAGT6M	5.6	-0.9	0.4	8.9	-1.1	0.5	15.4	-0.3	0.2	37.6	-0.7	0.4	5.5	-0.5	0.4	
RDYVA8	6.8	-0.4	0.9	3.4	-3.4	0.3	13.4	-0.9	0.7	43.4	0.2	0.2	12.6	2.3	0.7	
TM3KB9	8.4	0.3	0.3	12.5	0.5	0.2	17.8	0.5	0.3	43.9	0.3	0.1	7.2	0.1	0.2	
VWJT2A	4.8	-1.3		8.0	-1.5		9.2	-2.3		30.5	-1.9		3.5	-1.4		
WHVBLB	8.3	0.3	0.8	11.0	-0.2	1.3	16.7	0.1	1.6	40.3	-0.3	0.9	7.7	0.3	0.7	
X6LRQ2	9.0	0.6		12.7	0.5	0.7	16.7	0.1	0.6	43.7	0.3	0.3	8.0	0.5		
Y6YWL6	6.2	-0.7	1.2	10.7	-0.3	1.6	13.6	-0.9	1.7	41.7	-0.1	1.4	5.9	-0.4	1.2	
YZ9LB7	10.3	1.1	0.1	11.4	0.0	0.1	18.0	0.5	0.5	41.5	-0.1	0.3	11.0	1.7	1.1	
Z4NE3Y	8.8	0.5	0.4	13.5	0.9	0.4	18.5	0.7	0.4	53.8	1.9	0.2	7.5	0.3	0.3	
ZN8JL3	6.2	-0.6	0.4	10.9	-0.2	0.3	13.7	-0.8	0.1	42.2	0.0	0.1	5.4	-0.6	0.1	
ZNPGVU	5.4	-1.0	2.0	7.6	-1.6	0.8	10.9	-1.8	1.9	33.4	-1.4	1.2	4.4	-1.0	2.3	
ZTMQA3	7.0	-0.3		10.3	-0.5	0.7	15.0	-0.4		41.0	-0.2	0.6	6.3	-0.2	0.7	

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	7.69			11.4			16.3			42.1			6.83			
Median Abs Dev	1.10			0.9			1.4			2.9			1.17			
Avg Within Lab SD	0.71			0.8			1.0			1.7			0.86			
Labs Included	37			37			37			37			37			
Labs Reporting	38			38			38			38			38			



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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815			
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	
3TYEFL	2.19		1.26	8.27		1.34	1.34		0.23	21.93		0.94	1.11		1.37	
ELDD9X	2.70		0.64	11.20		0.46	1.03		1.40	39.17		1.06	0.67		0.37	
PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	2.44			9.74			1.19			30.6			0.89			
Median Abs Dev																
Avg Within Lab SD	0.16			0.22			0.11			0.7			0.16			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg			
SRS1811				SRS1812				SRS1813				SRS1814			SRS1815		
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		
2A2UY2	10.6		0.7	14.8		1.0	19.7		0.6	62.7		0.8					
6W8GD2	13.3		1.3	18.7		1.0	30.7		1.3	70.3		1.2	4.0		1.0		
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg			
SRS1811				SRS1812				SRS1813				SRS1814			SRS1815		
Grand Median	12.0			16.8			25.2			66.5			3.97				
Median Abs Dev																	
Avg Within Lab SD	0.5			0.6			1.8			1.3			1.17				
Labs Included	2			2			2			2			1				
Labs Reporting	2			2			2			2			1				



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PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9NLFUU	28.7	1.2	0.4	100.7	0.7	0.7	31.0	-1.8	0.5	140.0	-0.5	0.5	2.0	-0.9		
E8Y8YJ	25.2	0.1	2.0	92.2	0.0	0.4	52.1	0.3	2.4	147.1	0.0	0.7	6.3	0.6	1.6	
ELDD9X	24.7	-0.1	0.4	83.0	-0.7		37.0	-1.2	0.5	121.0	-1.9	1.7	1.3	-1.1	0.7	
GJMUHJ	21.5	-1.1	0.4	98.7	0.6	0.6	51.1	0.2	0.3	155.5	0.6	1.3	4.8	0.1	1.3	
LDYXHA	24.0	-0.3		90.7	-0.1	0.4	46.7	-0.2	0.3	146.3	0.0	0.1	1.7	-1.0	0.7	
WHVBLB	25.7	0.2	1.1	91.0	0.0	2.2	51.0	0.2	1.1	147.3	0.0	1.3	8.0	1.2	1.1	
ZN8JL3	28.8	1.3	1.1	101.1	0.8	0.1	56.9	0.8	0.3	161.6	1.1	0.9	6.3	0.6	0.5	
ZTMQA3	21.3	-1.2	0.4	60.0	-2.5		42.7	-0.6	0.3	129.7	-1.2	0.1	4.3	-0.1	0.7	

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	24.9			91.6			48.8			146.7			4.55			
Median Abs Dev	2.2			7.9			4.7			7.8			2.17			
Avg Within Lab SD	1.4			1.6			1.9			4.1			0.87			
Labs Included	8			8			8			8			8			
Labs Reporting	8			8			8			8			8			



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PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815		
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
FBAMWN	0.00		0.00	0.01		0.00	0.07		0.83	0.54		0.61	0.00		0.00
VAJUEB	2.29		1.41	5.36		1.41	0.33		1.14	17.73		1.28	0.65		1.41
PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815		
Grand Median	1.15			2.69			0.20			9.13			0.33		
Median Abs Dev															
Avg Within Lab SD	0.09			0.08			0.02			0.48			0.01		
Labs Included	2			2			2			2			2		
Labs Reporting	2			2			2			2			2		



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2A2UY2	6.2	0.1	2.2	15.3	0.3	0.5	8.8	-1.2	0.2	13.4	0.5	1.9	4.1	-1.0			
3QBVGA	5.0	-0.3		15.3	0.3	0.1	76.8	0.7	0.3	12.8	0.3	0.3	12.3	0.1	0.3		
6W8GD2	3.9	-0.5	0.3	13.7	0.0	0.1	9.7	-1.2	0.0	12.7	0.3	0.6	1.6	-1.3	0.1		
8EKR3X	11.0	1.3	1.3	18.3	0.9	0.1	25.0	-0.7	0.1	16.3	1.2	0.6	6.7	-0.6	0.6		
E8Y8YJ	6.0	0.0	1.3	11.7	-0.4	0.1	40.0	-0.3	0.4	9.3	-0.5	0.6	13.3	0.2	1.1		
F8RKXV	1.5	-1.2	0.3	8.1	-1.1	0.3	66.6	0.4	0.2	9.1	-0.6	1.7	3.6	-1.0	0.5		
F8TDTH	15.0	2.4	0.8	48.5	6.5X	0.5	31.4	-0.6	0.1	44.7	7.9X	2.0	5.0	-0.8	0.1		
HLKY2H	10.5	1.2	1.6	25.3	2.2	0.4	113.3	1.7	0.5	19.8	2.0	2.0	19.0	0.9	0.3		
JR3N2H	9.8	1.0	1.5	13.0	-0.2	0.2	62.4	0.3	0.0	9.0	-0.6	0.7	13.2	0.2	0.1		
LDYXHA	4.8	-0.3	0.0	10.3	-0.7	0.0	56.1	0.1	0.0	8.1	-0.8	0.0	14.2	0.3	0.2		
LMJD2J	5.7	-0.1	0.7	10.7	-0.6	0.1				12.7	0.3	0.6	6.7	-0.6	0.6		
PJWQ3F	12.2	1.6	0.5	19.4	1.1	0.1	79.0	0.7	0.1	17.0	1.3	0.4	15.0	0.4	1.1		
Q32UX3	6.7	0.2	1.3	10.2	-0.7	0.2	43.0	-0.3	0.3	8.3	-0.8	0.7	14.0	0.3	0.8		
RAGT6M	4.1	-0.5	0.2	13.8	0.0	0.1	9.4	-1.2	0.0	10.3	-0.3	0.3	1.5	-1.3	0.1		
WHVBLB	3.7	-0.6	0.7	15.0	0.2		10.0	-1.2		13.3	0.4	0.6	1.7	-1.3	0.1		
X6LRQ2	3.0	-0.8		14.3	0.1	0.2	3.0	-1.4		10.0	-0.3	1.1	4.3	-0.9	0.6		
Z4NE3Y	7.8	0.5	0.2	11.2	-0.5	0.0	52.3	0.0	0.1	9.4	-0.5	0.3	17.9	0.8	0.2		
ZN8JL3	6.7	0.2	0.7	17.3	0.7	0.1	86.7	0.9	0.6	15.3	0.9	1.7	17.0	0.7			
ZNPGVU	35.8	7.8X	16.1	25.8	2.3	4.2	54.1	0.0	4.0	34.0	5.3X	9.7	19.0	0.9	3.6		
ZVTCX3	5.3	-0.2	0.0	9.1	-0.9	0.1	53.1	0.0	0.1	8.7	-0.6	0.2	11.2	-0.1	0.5		

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups															Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
Grand Median	6.00			13.8			52.3			11.5			11.8				
Median Abs Dev	1.89			3.1			24.5			2.3			5.7				
Avg Within Lab SD	0.79			4.9			8.4			0.9			1.0				
Labs Included	19			19			19			18			20				
Labs Reporting	20			20			19			20			20				



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

Data units: mg/kg

WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2				489.7	1.7	2.1	289.3	0.6	0.8	402.7	2.0	2.2	258.0	8.1X	
3TYEFL	100.7	0.5	0.9	404.0	-0.6	0.2	261.3	-0.8	0.0	323.0	0.1	0.4	112.7	0.3	0.1
46AYLZ	80.5	-0.5	0.0	426.2	0.0	0.0	263.4	-0.7	0.0	275.6	-1.0	0.0	84.4	-1.2	0.0
4M7UPB	74.0	-0.8	0.6	410.7	-0.4	0.3	301.7	1.3	0.3	293.0	-0.6	0.2	94.0	-0.7	0.4
4WTN8Z	110.0	0.9	1.1	428.0	0.0	0.7	271.0	-0.3	0.5	325.0	0.2	0.7	131.7	1.3	2.3
6W8GD2	98.0	0.3	0.6	423.3	-0.1	0.2	256.7	-1.1	0.6	330.0	0.3		116.7	0.5	1.1
7QEPN6	89.5	-0.1	0.5	415.5	-0.3	0.4	297.5	1.0	0.1	302.0	-0.4	0.3	106.9	0.0	0.2
84ZJFP	65.0	-1.2	1.1	335.0	-2.4	0.4	290.7	0.7	0.8	286.7	-0.8	0.8	94.3	-0.6	0.8
8EKR3X	83.7	-0.3	0.2	475.0	1.3	0.2	271.7	-0.3	0.1	318.3	0.0	0.1	86.7	-1.1	0.6
9FQGYE	105.1	0.7	0.7	435.1	0.2	0.0	283.1	0.3	0.1	315.4	-0.1	0.2	125.0	1.0	0.5
9NLFUU	108.0	0.8	2.2	442.7	0.4	0.4	253.7	-1.2	0.2	278.3	-1.0	0.1	132.3	1.4	0.8
A9L3NX	67.5	-1.1	0.3	386.9	-1.1	0.1	261.8	-0.8	0.0	314.4	-0.1	0.2	88.4	-1.0	0.0
ATCG3M	106.7	0.7	0.3	415.3	-0.3	0.0	293.3	0.8	0.2	334.7	0.4	0.2	119.1	0.7	0.2
BFJEYK	94.9	0.2	0.7	391.8	-0.9	0.2	262.0	-0.8	0.1	263.7	-1.3	0.1	106.9	0.0	0.2
CKUHUT	111.3	1.0	1.4	420.0	-0.2	0.1	283.4	0.3	0.5	338.9	0.5	0.1	125.9	1.0	0.2
E8Y8YJ	67.0	-1.1	0.6	389.7	-1.0	0.6	281.3	0.2	0.5	285.7	-0.8	0.8	96.3	-0.5	0.2
EJAFZP	108.0	0.8	1.3	467.0	1.1	0.1	270.5	-0.4	0.1	377.3	1.4	0.1	125.3	1.0	0.9
ERYBTE	74.7	-0.8	0.0	438.3	0.3	0.0	303.3	1.3	0.0	355.0	0.9	0.0	95.1	-0.6	0.0
F8RKXV	100.0	0.4	1.5	438.0	0.3	0.1	269.7	-0.4	0.2	359.7	1.0	0.3	121.0	0.8	0.7
F8TDTH	99.7	0.4	1.6	410.1	-0.4	0.3	244.4	-1.7	0.5	330.3	0.3	0.3	108.7	0.1	0.4
FBAMWN	97.2	0.3	2.5	381.8	-1.2	0.6	288.0	0.5	0.2	288.8	-0.7	0.5	111.4	0.3	1.0
GGAGDM	108.7	0.8	0.2	477.0	1.4	0.1	270.0	-0.4	0.3	379.0	1.4	0.4	121.3	0.8	0.8
GJMUHJ	78.2	-0.6	1.2	428.6	0.1	0.2	298.4	1.1	0.1	368.8	1.2	0.1	103.5	-0.2	0.6
GMHRLG	100.3	0.4	0.3	439.5	0.4	0.1	282.3	0.2	0.1	322.2	0.1	0.2	122.8	0.9	0.0
GW99D7	96.2	0.3	0.2	390.7	-1.0	0.1	285.6	0.4	0.0	355.2	0.9	0.2	109.6	0.2	0.3
JR3N2H	78.0	-0.6	1.6	413.3	-0.3	0.7	281.0	0.2	0.1	297.3	-0.5	0.2	106.0	0.0	0.5



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JW3QCD	72.7	-0.8	1.5	385.3	-1.1	0.2	284.7	0.4	0.3	281.0	-0.9	0.1	97.3	-0.5	0.4	
KLE4VG	62.7	-1.3	0.1	368.7	-1.5	0.0	264.0	-0.7	0.1	253.3	-1.5	0.1	80.9	-1.4	0.1	
LDYXHA	83.7	-0.3	0.2	403.7	-0.6	0.2	279.7	0.1	0.1	289.3	-0.7	0.0	96.7	-0.5	0.2	
LKENXA	64.9	-1.2	1.0	398.2	-0.8	0.4	254.9	-1.2	0.1	242.2	-1.8	0.3	85.9	-1.1	0.2	
LMJD2J	76.0	-0.7	0.7	413.0	-0.4	0.0	278.3	0.0	0.1	276.3	-1.0	0.0	98.3	-0.4	0.3	
LNZ84E	107.0	0.8	0.7	471.1	1.2	6.0	331.3	2.8	6.4	338.9	0.5	5.5	92.4	-0.7	4.4	
NL3UFC	65.9	-1.2	1.2	255.3	-4.6X	0.5	263.7	-0.7	0.5	328.1	0.2	2.3	91.0	-0.8	2.6	
PJWQ3F	137.7	2.2X	2.9	441.0	0.4	0.3	267.4	-0.5	0.2	327.7	0.2	0.4	129.3	1.2	0.6	
Q32UX3	72.1	-0.9	1.6	462.4	1.0	1.1	276.6	0.0	0.5	356.4	0.9	0.7	90.4	-0.9	0.8	
RAGT6M	108.6	0.8	1.8	446.6	0.5	0.0	284.3	0.4	0.1	318.1	0.0	0.1	122.2	0.8	0.3	
RDYVA8	99.0	0.4	0.4	108.3	-8.5X	0.0	255.0	-1.2	0.1	328.3	0.2	0.1	409.0	16.1X	0.3	
TM3KB9	92.2	0.1	0.7	419.7	-0.2	0.2	249.1	-1.5	0.1	338.0	0.5	0.2	114.9	0.5	0.5	
UEM2RA	67.6	-1.1	0.4	400.7	-0.7	0.1	263.7	-0.7	0.1	288.3	-0.7	0.2	84.8	-1.2	0.2	
VWJT2A	104.0	0.6		437.0	0.3		283.0	0.3		305.0	-0.3		118.0	0.6		
WHVBLB	76.3	-0.7	1.1	441.7	0.4	0.2	282.0	0.2	0.1	345.7	0.7	0.3	91.0	-0.8	0.2	
Y6YWL6	75.5	-0.7	1.0	449.7	0.6	0.3	295.3	0.9	1.3	354.3	0.9	0.4	96.9	-0.5	1.8	
YZ9LB7	95.7	0.2	0.1	435.3	0.2	0.0	271.4	-0.3	0.2	300.2	-0.4	0.0	114.5	0.4	0.3	
Z4NE3Y	114.8	1.1	0.6	436.2	0.3	0.1	283.3	0.3	0.1	313.8	-0.1	0.1	124.0	0.9	0.3	
ZGRPMZ	103.2	0.6	0.8	375.1	-1.4	0.1	275.0	-0.1	0.2	265.5	-1.3	0.3	111.1	0.2	0.3	
ZN8JL3	71.3	-0.9	0.6	440.0	0.4	0.5	270.0	-0.4	0.1	338.0	0.5	0.3	101.3	-0.3	0.8	
ZNPGVU	100.7	0.5X	21.9	458.0	0.9	1.3	150.2	-6.6X	2.1	309.2	-0.2	1.3	102.3	-0.2X	9.9	
ZTMQA3	79.5	-0.5	0.7	431.7	0.1	0.2	305.3	1.4	0.1	358.3	1.0	0.1	99.7	-0.4	0.4	
ZVTCX3	79.2	-0.5	0.2	375.6	-1.4	0.1	272.8	-0.2	0.1	282.9	-0.8	0.0	93.5	-0.7	0.2	



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

Data units: mg/kg

	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815
Grand Median	90.8	426.2	277.5	318.3	106.4
Median Abs Dev	14.7	16.5	10.3	27.3	12.5
Avg Within Lab SD	2.7	30.8	25.9	26.5	5.0
Labs Included	46	47	48	49	46
Labs Reporting	48	49	49	49	49



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups

Data units: mg/kg

WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2	1,573.0	1.4	3.0	5,210.3	1.4	3.0	295.0	0.2	0.8	5,036.7	1.7	1.6	1,515.0	1.2	3.1
3TYEFL	1,300.0	0.4	0.5	4,480.0	0.2	0.9	320.0	0.6	2.9	4,153.3	0.1	0.9	1,353.3	0.6	0.5
46AYLZ	990.3	-0.6	0.0	4,629.8	0.5	0.0	269.3	-0.2	0.0	3,541.5	-1.1	0.0	1,042.3	-0.7	0.0
4M7UPB	1,069.0	-0.4	0.1	4,227.0	-0.2	0.2	365.3	1.4	0.8	4,252.7	0.3	0.3	1,210.7	0.0	0.3
4WTN8Z	1,365.3	0.7	0.9	5,180.0	1.4	0.9	295.3	0.2	1.2	4,559.0	0.8	1.9	1,538.3	1.3	3.1
6W8GD2	1,300.0	0.4		4,800.0	0.8	0.6	236.7	-0.8	1.1	4,233.3	0.2	1.1	1,366.7	0.6	1.3
7QEPN6	937.8	-0.8	0.1	4,071.2	-0.4	0.8	437.0	2.6	0.2	3,906.0	-0.4	0.3	1,249.2	0.2	2.3
84ZJFP	829.0	-1.2	0.6	3,872.7	-0.7	0.3	253.0	-0.5	0.3	3,761.0	-0.7	0.8	1,022.0	-0.7	1.3
8EKR3X	1,196.7	0.1	0.1	5,201.7	1.4	0.2	355.0	1.2	0.3	4,450.0	0.6	0.4	1,198.3	0.0	0.2
9FQGYE	1,435.9	0.9	0.3	5,244.9	1.5	0.1	277.2	-0.1	0.8	4,359.8	0.5	1.0	1,599.9	1.6	0.5
9NLFUU	1,275.3	0.3	2.2	4,348.3	0.0	1.5	227.3	-0.9	0.1	3,792.0	-0.6	0.2	1,575.0	1.5	0.9
ATCG3M	1,434.0	0.9	0.6	3,724.0	-1.0	0.2	288.5	0.1	1.1	4,378.7	0.5	0.4	1,474.7	1.1	0.4
BFJEYK	986.2	-0.6	0.1	3,919.3	-0.7	1.6	409.6	2.1	0.8	3,785.8	-0.6	0.2	1,251.8	0.2	0.5
CKUHUT	1,379.0	0.7	0.2	4,056.7	-0.4	0.1	276.3	-0.1	0.2	4,413.0	0.6	0.2	1,371.6	0.7	0.3
E8Y8YJ	953.3	-0.8	1.5	4,948.3	1.0	0.3	287.3	0.1	1.6	4,432.0	0.6	1.1	1,162.3	-0.2	0.4
EJAFZP	1,205.3	0.1	0.8	3,812.0	-0.8	0.6	219.7	-1.1	0.5	4,114.0	0.0	0.7	998.3	-0.8	1.0
F8RKXV	1,202.7	0.1	1.5	3,819.0	-0.8	0.5	227.3	-0.9	0.8	4,248.3	0.2	0.9	952.7	-1.0	0.9
F8TDTH	1,592.7	1.4	2.5	4,825.4	0.8	0.4	267.1	-0.3	0.9	5,113.7	1.8	0.6	1,525.6	1.3	1.0
FBAMWN	1,361.9	0.6	0.2	4,327.4	0.0	1.5	324.5	0.7	0.2	3,881.0	-0.4	0.6	1,348.3	0.6	0.8
GGAGDM	1,386.7	0.7	0.5	5,466.7	1.8	0.4	242.7	-0.7	0.3	4,896.7	1.4	0.9	1,460.0	1.0	1.4
GJMUHJ	1,174.3	0.0	2.0	4,754.7	0.7	0.6	332.9	0.8	0.6	4,924.7	1.5	0.7	1,359.0	0.6	0.8
GMHRLG	1,238.5	0.2	0.6	4,497.7	0.3	0.1	236.3	-0.8	0.1	4,048.4	-0.1	0.3	1,344.9	0.6	0.3
GW99D7	684.5	-1.7	0.2	2,563.8	-2.8X	0.1	227.9	-0.9	0.1	2,882.0	-2.3	0.1	855.3	-1.4	0.1
JR3N2H	874.3	-1.0	0.7	4,248.3	-0.1	1.3	264.8	-0.3	0.9	3,844.8	-0.5	1.1	1,097.3	-0.4	0.2
JW3QCD	860.3	-1.1	0.4	3,285.3	-1.7	0.6	283.0	0.0	0.3	3,334.3	-1.4	0.3	1,051.0	-0.6	1.3
KLE4VG	879.0	-1.0	0.1	4,076.7	-0.4	0.1	285.7	0.0	0.3	3,804.3	-0.6	0.1	1,101.7	-0.4	0.2



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LDYXHA	1,003.3	-0.6	0.2	4,800.0	0.8	0.4	283.3	0.0	0.0	3,874.0	-0.4	0.2	1,158.7	-0.2	0.5	
LKENXA	879.0	-1.0	0.1	4,232.0	-0.2	0.2	31.1	-4.3X	0.0	278.9	-7.1X	0.0	947.4	-1.0	0.2	
LMJD2J	930.0	-0.8	0.1	4,329.3	0.0	0.0	328.0	0.8	0.3	3,819.7	-0.5	0.2	1,136.0	-0.3	0.4	
LNZ84E	920.4	-0.9	0.6	3,858.0	-0.8	4.3	233.8	-0.8	4.4	3,088.8	-1.9	5.2	914.3	-1.2	1.0	
NL3UFC	998.8	-0.6	1.0	4,375.3	0.1	1.4	328.5	0.8	0.5	4,290.0	0.3	0.3	1,148.2	-0.2	0.4	
PJWQ3F	1,343.5	0.6	1.7	4,691.4	0.6	0.2	530.7	4.2X	1.1	4,102.2	0.0	0.2	1,584.1	1.5	1.4	
Q32UX3	950.4	-0.8	0.6	4,196.3	-0.2	0.3	296.5	0.2	0.8	4,425.3	0.6	0.8	1,017.3	-0.8	0.8	
RAGT6M	1,285.8	0.4	0.2	4,530.5	0.3	0.2	258.5	-0.4	0.2	3,996.7	-0.2	0.6	1,365.5	0.6	0.5	
RDYVA8	1,410.3	0.8	0.2	1,440.7	-4.6X	0.1	299.9	0.3	0.5	4,466.7	0.6	0.2	4,755.0	14.2X	1.3	
TM3KB9	1,271.4	0.3	0.1	3,747.7	-0.9	0.1	274.7	-0.1	0.3	4,219.7	0.2	0.5	1,140.6	-0.3	0.1	
UEM2RA	902.0	-0.9	0.2	4,362.3	0.1	0.1	287.0	0.1	0.2	3,874.3	-0.4	0.1	1,077.7	-0.5	0.1	
WHVBLB	957.3	-0.7	0.6	4,254.3	-0.1	0.2	307.0	0.4	1.1	4,195.3	0.1	0.6	1,141.3	-0.3	1.1	
X6LRQ2	1,260.0	0.3		4,746.7	0.7	0.8	273.3	-0.2	0.6	3,780.0	-0.6	0.3	1,306.7	0.4	0.5	
Y6YWL6	1,210.7	0.1	0.2	5,204.0	1.4	0.6	294.7	0.2	0.5	4,747.3	1.2	0.8	1,364.0	0.6	0.2	
YZ9LB7	1,264.9	0.3	0.4	4,109.6	-0.4	0.2	221.6	-1.0	0.0	4,114.1	0.0	0.2	1,201.1	0.0	0.2	
Z4NE3Y	1,290.1	0.4	0.1	3,773.7	-0.9	0.3	325.9	0.7	0.4	3,556.8	-1.0	0.1	1,288.2	0.3	0.3	
ZGRPMZ	1,075.5	-0.3	0.2	3,850.6	-0.8	0.1	435.5	2.6	0.8	3,613.0	-0.9	0.0	1,216.2	0.0	0.8	
ZN8JL3	843.3	-1.1	0.6	4,003.3	-0.5	0.6	210.0	-1.2	0.9	4,226.7	0.2	0.2	953.3	-1.0	0.3	
ZNPGVU	772.9	-1.4	2.2	3,170.7	-1.9	0.3	144.4	-2.4	0.4	3,522.8	-1.1	0.3	653.2	-2.2	0.6	
ZTMQA3	1,063.3	-0.4	1.3	4,401.3	0.1	0.4	270.7	-0.2	0.4	4,711.3	1.1	0.5	1,220.3	0.1	0.6	
ZVTCX3	1,040.3	-0.5	0.3	4,814.0	0.8	0.0	286.9	0.1	0.1	4,083.3	-0.1	0.1	1,168.3	-0.2	0.1	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups						Data units: mg/kg
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	1,174.3	4,329.3	283.3	4,114.1	1,205.9	
Median Abs Dev	188.1	417.3	30.3	304.4	154.0	
Avg Within Lab SD	40.1	156.8	18.5	137.5	46.0	
Labs Included	47	45	45	46	46	
Labs Reporting	47	47	47	47	47	



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	294.3	1.3	2.6	977.0	0.5	2.9	111.0	0.0	0.9	780.0	1.3	2.6	206.7	0.9	1.1	
3TYEFL	274.0	0.9	0.9	923.7	0.0	0.7	117.0	0.3	0.8	686.0	0.1	0.4	206.0	0.9		
46AYLZ	209.2	-0.4	0.0	892.0	-0.3	0.0	104.8	-0.4	0.0	584.7	-1.1	0.0	149.0	-0.6		
4M7UPB	219.3	-0.2	0.3	1,044.3	1.2	0.3	133.7	1.2	0.1	708.3	0.4	0.3	177.3	0.1	0.8	
4WTN8Z	270.3	0.8	0.4	917.7	-0.1	0.8	110.7	0.0	0.4	679.7	0.1	1.0	211.7	1.0	1.7	
6W8GD2	266.7	0.7	2.0	916.7	-0.1	1.7	103.3	-0.4	0.7	650.0	-0.3	0.6	203.3	0.8	2.0	
7QEPN6	213.2	-0.3	2.0	1,213.4	2.9	0.9	122.0	0.6	0.4	723.5	0.6	0.2	179.2	0.2	1.0	
84ZJFP	171.7	-1.2	0.5	854.3	-0.7	0.5	106.7	-0.3	0.2	647.7	-0.3	0.8	154.3	-0.5	0.5	
8EKR3X	242.3	0.2	0.3	1,071.7	1.5	0.4	127.3	0.8	0.3	725.0	0.6	0.1	175.0	0.1	0.6	
9FQGYE	287.3	1.1	0.7	988.3	0.6	0.1	108.3	-0.2	0.2	686.0	0.1	0.4	217.0	1.2	0.7	
9NLFUU	269.7	0.8	2.9	960.7	0.4	1.6	97.7	-0.7	0.2	610.3	-0.8	0.4	240.7	1.8	0.7	
ATCG3M	292.1	1.2	0.4	867.7	-0.5	0.2	122.4	0.6	0.1	696.4	0.3	0.3	212.4	1.0	0.5	
BFJEYK	206.5	-0.5	0.4	988.7	0.7	0.2	123.0	0.6	0.2	620.3	-0.7	0.1	153.2	-0.5	0.9	
CKUHUT	269.5	0.8	0.1	957.3	0.3	0.0	102.6	-0.5	0.2	703.9	0.3	0.2	200.1	0.7	0.5	
E8Y8YJ	181.3	-1.0	0.3	885.3	-0.4	1.6	134.3	1.2	0.6	607.0	-0.8	1.3	170.0	-0.1	1.1	
EJAFZP	230.3	0.0	0.3	860.3	-0.6	0.1	74.7	-2.0	0.1	622.7	-0.6	0.4	125.3	-1.2	1.2	
F8RKXV	229.7	0.0	0.5	910.7	-0.1	0.4	76.0	-1.9	0.3	689.0	0.2	0.7	121.3	-1.3	0.8	
F8TDTH	278.5	1.0	1.2	948.7	0.3	0.4	99.5	-0.6	0.7	718.6	0.5	0.3	196.4	0.6	0.3	
FBAMWN	276.6	0.9	1.1	977.6	0.5	0.8	127.8	0.9	1.1	668.9	-0.1	0.2	195.6	0.6	1.0	
GGAGDM	267.0	0.7	0.4	983.3	0.6	0.2	96.3	-0.8	0.1	757.7	1.0	0.5	202.0	0.8	1.1	
GJMUHJ	234.8	0.1	1.1	1,051.3	1.3	0.8	130.5	1.0	0.4	829.7	1.8	0.7	203.6	0.8	1.2	
GMHRLG	241.6	0.2	0.7	971.6	0.5	0.2	70.2	-2.2	0.1	817.2	1.7	0.1	163.6	-0.2	1.2	
GW99D7	227.0	-0.1	0.7	751.8	-1.7	0.3	137.6	1.4	0.4	671.2	-0.1	0.1	193.2	0.5	0.3	
JR3N2H	189.3	-0.8	0.7	933.8	0.1	1.0	116.8	0.3	0.6	622.5	-0.6	0.9	163.6	-0.2	0.6	
JW3QCD	177.3	-1.1	0.7	776.0	-1.5	0.2	109.7	-0.1	0.3	573.0	-1.2	0.3	148.3	-0.6	0.4	
KLE4VG	174.3	-1.1	0.3	886.7	-0.4	0.1	111.3	0.0	0.1	611.3	-0.8	0.1	157.3	-0.4	0.1	



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LDYXHA	188.0	-0.8	0.5	782.0	-1.4	0.3	103.0	-0.5		555.3	-1.4	0.1	152.0	-0.5	0.1	
LKENXA	189.2	-0.8	2.1	830.5	-0.9	0.1	115.0	0.2	0.1	403.0	-3.3X	0.3	125.4	-1.2	0.1	
LMJD2J	187.3	-0.9	0.2	895.7	-0.3	0.0	125.0	0.7	0.4	574.0	-1.2	0.0	158.0	-0.4	0.5	
LNZ84E	228.6	0.0	0.5	791.5	-1.3	4.7	114.4	0.2	5.9	565.6	-1.3	5.1	154.3	-0.5	4.1	
NL3UFC	226.5	-0.1	0.1	1,053.0	1.3	0.4	100.2	-0.6	0.8	751.3	0.9	2.3	180.6	0.2	0.9	
PJWQ3F	281.5	1.0	0.7	910.1	-0.1	0.1	144.9	1.8	0.4	638.1	-0.4	0.1	224.8	1.4	0.5	
Q32UX3	198.2	-0.6	0.4	797.2	-1.2	0.7	110.1	-0.1	0.3	683.3	0.1	0.4	166.6	-0.2	0.6	
RAGT6M	241.8	0.2	0.2	906.1	-0.2	0.0	96.1	-0.8	0.1	642.3	-0.4	0.2	181.3	0.2	0.3	
RDYVA8	287.0	1.1	0.3	207.7	-7.1X	0.0	117.0	0.3	0.1	717.7	0.5	0.1	878.3	18.4X	15.5	
TM3KB9	249.6	0.4	0.8	917.9	-0.1	0.1	90.5	-1.1	0.5	697.6	0.3	0.1	136.5	-0.9	0.7	
UEM2RA	180.0	-1.0	0.3	852.0	-0.7	0.1	104.0	-0.4	0.2	593.0	-1.0	0.0	148.3	-0.6	0.1	
WHVBLB	198.7	-0.6	0.4	923.3	0.0	0.7	120.0	0.5	0.4	689.0	0.2	0.1	167.0	-0.1	0.7	
X6LRQ2	275.3	0.9	0.6	922.7	0.0	0.4	111.7	0.0	0.3	653.0	-0.3	0.3	205.0	0.8	0.7	
Y6YWL6	240.7	0.2	1.1	1,011.3	0.9	0.6	128.3	0.9	0.6	767.3	1.1	0.5	195.0	0.6	0.6	
YZ9LB7	241.1	0.2	0.3	923.4	0.0	0.1	87.7	-1.3	0.1	626.3	-0.6	0.2	151.9	-0.5	0.1	
Z4NE3Y	310.6	1.6	0.2	989.6	0.7	0.4	115.2	0.2	0.1	728.6	0.6	0.1	218.4	1.2	0.3	
ZGRPMZ	230.0	0.0	1.2	971.2	0.5	0.2	139.3	1.5	1.1	630.3	-0.5	0.4	162.3	-0.3	0.9	
ZN8JL3	188.7	-0.8	0.6	1,010.3	0.9	0.5	101.7	-0.5	1.1	705.3	0.4	0.4	141.3	-0.8	0.7	
ZNPGVU	154.8	-1.5	2.1	755.1	-1.7	0.2	52.6	-3.1X	0.1	530.2	-1.7	0.5	86.3	-2.2	0.6	
ZTMQA3	218.7	-0.2	0.7	973.3	0.5	0.2	126.3	0.8	0.3	738.3	0.8	0.1	176.7	0.1	0.5	
ZVTCX3	182.2	-1.0	0.1	833.3	-0.9	0.0	112.3	0.0	0.1	594.9	-1.0	0.0	155.9	-0.4	0.1	



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups						Data units: mg/kg
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	230.0	923.0	111.5	675.4	172.5	
Median Abs Dev	39.6	55.0	10.7	49.4	23.3	
Avg Within Lab SD	7.8	42.0	8.8	35.0	7.8	
Labs Included	47	46	46	46	46	
Labs Reporting	47	47	47	47	47	



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3TYEFL	20.7	0.0	0.0	49.1	-0.1	0.4	10.0	-0.2	0.8	19.9	0.0	0.4	16.9	-0.2	0.5		
4M7UPB	19.5	-0.2	1.1	63.3	1.3	1.1	10.3	-0.2	0.0	21.4	0.3	0.1	17.5	-0.2	0.2		
4WTN8Z	35.4	2.4	0.1	63.7	1.3	0.3	27.7	2.2	0.2	25.9	1.2	0.2	35.1	2.1	0.2		
6W8GD2	22.3	0.3	1.2	50.3	0.0	0.9	11.7	0.0	0.7	20.7	0.2	0.5	19.7	0.1	0.7		
7QEPN6	17.9	-0.5	0.4	47.2	-0.3	0.5	15.3	0.5	0.6	18.9	-0.2	0.1	17.5	-0.2	0.2		
84ZJFP	14.3	-1.0	0.3	42.0	-0.8		10.7	-0.1	0.7	17.0	-0.6	0.3	15.3	-0.4	0.5		
8EKR3X	25.0	0.7	0.5	60.7	1.0	0.3	18.3	0.9	0.3	25.7	1.2	0.4	93.7	9.4X	0.2		
9FQGYE	22.1	0.2	0.9	36.3	-1.3	0.6							47.2	3.6	1.3		
9NLFUU	20.7	0.0	0.7	49.0	-0.1	0.5	5.7	-0.8	0.3	14.0	-1.2	0.3	19.0	0.0	0.7		
ATCG3M	47.6	4.4X	5.9	56.2	0.6	2.4	107.9	13.5X	11.7	30.9	2.3	3.6	39.5	2.6	1.8		
BFJEYK	18.6	-0.3	0.4	45.2	-0.5	0.4	19.6	1.1	0.4	18.3	-0.3	0.2	17.2	-0.2	0.4		
E8Y8YJ	14.3	-1.0	0.6	49.0	-0.1	0.5	10.3	-0.2	0.3	16.7	-0.7	0.5	13.0	-0.7	0.3		
EJAFZP	19.7	-0.2	1.2	49.7	0.0	0.8	10.7	-0.1	1.2	23.3	0.7	1.0	17.0	-0.2	0.6		
F8RKXV	19.7	-0.2	0.3	48.0	-0.2	0.3	9.3	-0.3	0.9	21.3	0.3	0.2	17.0	-0.2	0.3		
F8TDTH	18.7	-0.3	0.4	49.6	0.0	1.6	5.9	-0.8	0.7	18.3	-0.3	0.1	14.1	-0.6	0.2		
FBAMWN	20.6	0.0	0.6	57.7	0.7	1.4	8.0	-0.5	0.7	19.9	0.0	0.5	18.1	-0.1	0.4		
GGAGDM	24.7	0.7	4.3	50.7	0.1	1.0	22.3	1.5	2.3	32.3	2.6	3.0	21.0	0.3	2.9		
GJMUHJ	18.3	-0.4	0.5	50.8	0.1	0.6	9.4	-0.3	0.5	20.5	0.1	0.3	16.4	-0.3	0.2		
GMHRLG	21.5	0.1	0.8	44.6	-0.5	1.0	4.9	-1.0	1.6	19.6	-0.1	0.2	19.0	0.0	0.5		
GW99D7	59.8	6.4X	0.6	109.5	5.7X	0.2	38.3	3.7	0.0	130.3	23.1X	0.2	43.0	3.1	0.1		
JR3N2H	9.8	-1.8	0.5	43.7	-0.6	1.1	5.1	-0.9	0.8	12.6	-1.5	0.2	11.3	-1.0	0.4		
JW3QCD	15.3	-0.9	0.3	27.7	-2.1	0.7	14.7	0.4	0.3	16.7	-0.7	0.2	19.0	0.0	0.3		
LDYXHA	20.7	0.0	0.1	50.5	0.1	0.2	12.6	0.1	0.1	19.9	0.0	0.0	18.5	0.0	0.2		
LKENXA	18.0	-0.4	0.3	50.6	0.1	0.1	24.0	1.7	0.3	19.6	-0.1	0.2	21.2	0.3	0.2		
LNZ84E	9.4	-1.8	0.2	17.3	-3.1	0.7	9.5	-0.3	2.1	12.2	-1.6	1.6	16.6	-0.3	3.8		
NL3UFC	10.3	-1.7	1.1	49.7	0.0	2.0	19.3	1.1	2.2	3.9	-3.3	1.1	27.1	1.0	0.8		



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PJWQ3F	25.2	0.8	1.2	55.3	0.5	1.0	15.2	0.5	2.5	22.3	0.5	0.6	21.2	0.3	0.8	
Q32UX3	14.8	-1.0	0.5	58.9	0.9	0.6	7.5	-0.6	0.4	24.4	0.9	0.5	13.3	-0.7	0.2	
RAGT6M	21.7	0.2	0.4	48.3	-0.2	0.1	11.6	0.0	0.3	19.8	0.0	0.1	18.6	0.0	0.2	
RDYVA8	23.7	0.5	0.3	18.0	-3.1		12.3	0.1	0.3	22.3	0.5	0.2	51.3	4.1	0.5	
TM3KB9	25.0	0.7	0.2	52.9	0.3	0.3	16.3	0.6	0.8	24.5	1.0	0.2	24.6	0.7	0.4	
WHVBLB	17.7	-0.5	0.7	48.0	-0.2	0.7	12.0	0.0	0.6	21.0	0.2	0.3	16.0	-0.4	0.3	
X6LRQ2	23.0	0.4		59.3	0.9	0.3	12.0	0.0		21.0	0.2		20.3	0.2	0.4	
Y6YWL6	18.0	-0.4	1.8	70.3	2.0	3.5	10.0	-0.2	0.5	27.6	1.6	2.8	20.0	0.2	2.4	
YZ9LB7	24.4	0.6	0.4	50.2	0.0	0.2	12.4	0.1	0.6	20.5	0.1	0.3	21.6	0.4	0.4	
Z4NE3Y	23.4	0.5	0.4	58.4	0.8	0.2	10.6	-0.1	0.2	20.7	0.2	0.1	19.1	0.0	0.2	
ZGRPMZ	39.4	3.1	1.6	63.0	1.3	0.3	33.5	3.0	0.9	19.5	-0.1	0.4	16.9	-0.2	0.4	
ZN8JL3	22.0	0.2	0.5	56.0	0.6	0.5	14.7	0.4	0.3	19.7	-0.1	0.9	21.7	0.4	0.4	
ZNPGVU	11.3	-1.5	1.1	39.1	-1.0	0.7	6.3	-0.7	2.3	15.4	-0.9	0.6	9.3	-1.2	0.4	
ZTMQA3	16.1	-0.7	0.1	47.6	-0.2	0.2	10.2	-0.2	0.6	21.0	0.2	0.2	15.6	-0.4	0.3	
ZVTCX3	22.0	0.2	0.5	50.2	0.0	0.1	13.7	0.3	0.2	19.7	0.0	0.3	19.8	0.1	0.4	

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	20.6			49.9			11.7			19.9			18.8			
Median Abs Dev	2.8			5.0			3.0			1.6			2.3			
Avg Within Lab SD	2.0			3.6			1.7			3.2			2.9			
Labs Included	39			40			39			39			40			
Labs Reporting	41			41			40			40			41			



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
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			
AYYW2R	56.5		0.9	256.3		1.3	225.0		0.8	196.0		0.5	63.5		1.1			
ZVTCX3	62.2		1.1	249.3		0.5	214.1		1.1	184.1		1.3	74.8		0.8			
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
Grand Median	59.4			252.8			219.6			190.1			69.1					
Median Abs Dev																		
Avg Within Lab SD	0.3			1.6			1.3			0.8			0.6					
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	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ELDD9X	89.3		1.4	235.3		0.4	240.0		0.3	226.3		0.2	88.0		1.5	
NL3UFC	63.7		0.6	250.1		1.2	263.5		1.4	256.8		1.7	80.1		0.8	
X6LRQ2	86.0		0.8	240.7		1.2	244.0		1.0	227.3		0.4	87.7		0.4	
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	86.0			240.7			244.0			227.3			87.7			
Median Abs Dev																
Avg Within Lab SD	3.6			4.9			3.5			9.3			4.1			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



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Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ELDD9X	0.30		0.37	0.40		1.68	2.97		0.15	0.27		0.13	1.23		0.21	
GJMUHJ	0.84		0.32	0.04		0.45	2.53		0.23	0.25		0.12	1.75		0.40	
JZ24WG	0.86		0.03	1.33		0.99	3.90		0.13	1.72		0.11	2.99		0.36	
K3HX62	6.00		1.94	6.30		0.00	17.10		1.98	4.50		1.99	15.00		1.92	
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	0.85			0.87			3.43			0.99			2.37			
Median Abs Dev																
Avg Within Lab SD	0.27			0.06			0.79			0.45			0.27			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
CKUHUT	12.5		0.3	15.5		0.3	5.6		0.3	71.9		0.3	3.7		1.3	
HLKY2H	6.5		0.7	22.2		1.4	0.8		1.4	67.5		0.5				
JZ24WG	12.0		0.1	27.9		1.0	6.8		0.8	71.1		0.4	2.5		0.4	
NB2BUC	11.2		1.8	16.5		0.9	5.5		1.1	67.0		1.9	1.5			
Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	11.6			19.4			5.55			69.3			2.52			
Median Abs Dev																
Avg Within Lab SD	0.4			1.4			0.45			1.8			0.18			
Labs Included	4			4			4			4			3			
Labs Reporting	4			4			4			4			3			



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Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
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	
CKUHUT	58.6		0.1	141.1		1.4	199.4		0.7	163.8		0.8	57.6		0.2	
HLKY2H	36.9		1.7	140.6		0.3	176.9		1.1	128.2		1.0	35.4		0.4	
JZ24WG	54.8		0.1	163.2		0.5	210.9		1.2	151.9		0.7	60.5		0.8	
NB2BUC	49.8		1.0	139.5		1.3	195.7		0.9	135.8		1.4	49.7		1.8	
Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	52.3			140.8			197.5			143.8			53.6			
Median Abs Dev																
Avg Within Lab SD	2.9			2.0			7.0			2.7			1.1			
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														
														SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
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										
CKUHUT	1,246.1		0.7	3,612.3		1.1	362.3		1.6	3,306.1		1.1	1,358.3		1.0													
HLKY2H	1,091.7		1.6	3,388.5		0.5	265.0		0.9	2,808.9		1.1	1,226.1		0.5													
JZ24WG	991.9		0.2	3,734.4		0.2	263.4		0.6	3,114.1		0.6	1,311.6		1.0													
NB2BUC	993.2		1.0	4,197.7		1.6	270.8		0.5	3,471.7		1.1	1,232.3		1.4													
Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg														
														SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
Grand Median	1,042.4			3,673.4			267.9			3,210.1			1,271.9															
Median Abs Dev																												
Avg Within Lab SD	57.1			88.5			19.2			71.9			23.5															
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														
														SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
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										
CKUHUT	220.8		0.1	665.1		1.3	123.9		0.7	528.6		0.1	173.3		0.2													
HLKY2H	188.3		1.8	633.5		0.4	87.1		1.1	435.1		1.3	137.9		0.7													
JZ24WG	213.0		0.2	974.3		0.8	110.8		1.3	622.6		1.3	185.2		1.5													
NB2BUC	202.7		0.9	715.7		1.3	113.8		0.8	506.5		0.8	169.2		1.1													
Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg														
														SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
Grand Median			207.8				690.4			112.3			517.6			171.2												
Median Abs Dev																												
Avg Within Lab SD			10.7				15.6			3.6			8.9			2.7												
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				
														SRS1815				
SRS1811				SRS1812				SRS1813				SRS1814						
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
CKUHUT	66.2		0.4	52.5		1.1	23.0		0.5	63.2		0.4	24.0		0.4			
HLKY2H	66.5		1.3	56.5		0.7	19.8		0.9	44.3		0.6	22.2		0.6			
JZ24WG	57.9		0.1	59.7		0.3	21.5		0.6	46.6		0.9	23.1		0.3			
NB2BUC	55.5		1.4	50.2		1.5	19.3		1.6	42.0		1.7	20.0		1.8			
Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg				
														SRS1815				
SRS1811				SRS1812				SRS1813				SRS1814						
Grand Median	62.0			54.5			20.6			45.4			22.7					
Median Abs Dev																		
Avg Within Lab SD	4.0			1.0			0.8			1.1			0.7					
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														
														SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
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										
CKUHUT	1.55		1.13	0.73		1.83	1.06		1.72	2.01		0.22	1.85		0.48													
HLKY2H	1.22		1.14	0.55		0.60	0.72		0.29	1.64		0.08	1.45		0.31													
JZ24WG	1.50		0.07	0.75		0.33	1.08		0.30	2.17		1.93	1.92		0.55													
NB2BUC	1.38		1.19	0.57		0.43	0.95		0.92	1.63		0.49	1.62		1.84													
Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg														
														SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
Grand Median			1.44			0.65			1.00			1.82			1.73													
Median Abs Dev																												
Avg Within Lab SD			0.09			0.07			0.09			0.16			0.04													
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/cm3		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
6AULMJ	0.80	-0.34	0.57	1.18	0.24	0.76	1.31	0.51	1.27	1.14	0.14	0.30	0.94	0.13	1.83	
9NLFUU	0.93	1.08	0.19	1.28	1.28	0.00	1.38	1.13	0.83	1.26	1.44	0.30	1.03	1.29	0.37	
AGDFPH	0.65	-2.05	2.10	0.99	-1.69	0.94	1.09	-1.32	0.63	0.95	-1.94	0.39	0.77	-2.11	1.43	
CKUHUT	0.77	-0.65	0.42	1.13	-0.31	1.22	1.18	-0.52	1.27	1.08	-0.54	1.54	0.90	-0.45	0.75	
HLKY2H	0.85	0.24	0.91	1.18	0.23	1.52	1.28	0.32	1.15	1.13	-0.05	0.80	0.99	0.83	0.45	
LDYXHA	0.77	-0.63	0.19	1.03	-1.35	0.22	1.12	-1.08	0.48	1.02	-1.15	0.30	0.86	-0.86	0.21	
MDDLHG	0.83	0.00	2.00	1.16	0.00	1.95	1.29	0.35	1.27	1.19	0.61	0.59	0.93	0.00	1.93	
V8GUJK	0.89	0.63	0.19	1.11	-0.45	0.58	1.15	-0.80	0.83	1.13	0.00	0.51	0.91	-0.26	0.63	
VAJUEB	0.90	0.74	0.68	1.19	0.32	1.08	1.25	0.00	1.39	1.13	0.04	2.50	0.99	0.80	0.64	
YP87JG	0.76	-0.78	0.57	1.06	-0.97	0.58	1.15	-0.80	0.83	1.10	-0.36	0.78	0.88	-0.64	0.37	
ZTMQA3	0.85	0.27	0.58	1.21	0.56	0.12	1.32	0.58	0.44	1.23	1.13	0.31	0.93	0.05	0.07	

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups						Data units: g/cm3
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	0.83	1.16	1.25	1.13	0.93	
Median Abs Dev	0.06	0.04	0.07	0.05	0.05	
Avg Within Lab SD	0.03	0.03	0.01	0.02	0.03	
Labs Included	11	11	11	11	11	
Labs Reporting	11	11	11	11	11	



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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
GJMUHJ	14.3	-0.1	1.2	21.2	-1.1	1.1	29.1	-0.3	0.4	94.2	1.9	0.8	2.1	-0.9	0.9	
LDYXHA	20.0	1.9		23.7	-0.2	0.8	26.7	-1.4	0.6	80.7	0.0	0.4	1.3	-1.7	1.5	
PN42BA	16.5	0.7	0.0	25.3	0.4	1.4	34.8	2.3	1.1	82.3	0.3	1.1	3.3	0.2	0.1	
PPHQC2	21.2	2.3	1.1	26.8	1.0	0.8	29.9	0.1	1.7	76.5	-0.5	0.3	3.0	-0.2	0.4	
Q32UX3	14.7	0.1	0.8	24.8	0.3	1.5	29.9	0.1	0.8	89.4	1.2	1.3	4.1	0.9	1.5	
WHVBLB	14.3	-0.1	1.4	20.7	-1.3	0.8	31.7	0.9	1.3	78.3	-0.3	1.1	3.3	0.2	1.5	
XK3QV2	14.3	-0.1	1.4	21.7	-0.9	0.8	29.0	-0.3	1.1	71.7	-1.2	1.7	3.7	0.5	0.7	
ZN8JL3	13.9	-0.2	0.1	24.6	0.2	0.1	29.5	-0.1	0.3	80.2	0.0	0.2	2.3	-0.8	0.3	

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	14.5			24.1			29.7			80.5			3.14			
Median Abs Dev	0.4			1.8			0.6			3.1			0.68			
Avg Within Lab SD	0.4			0.7			0.9			1.4			0.40			
Labs Included	8			8			8			8			8			
Labs Reporting	8			8			8			8			8			



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QBVGA	16.2	-2.1	0.3	20.5	-2.0		23.2	-1.6	0.2	95.0	0.4	0.2	0.8	-1.2	0.5	
46AYLZ	24.5	0.5	0.0	29.5	1.0	0.0	29.7	-0.1	0.0	93.5	0.3	0.0	1.2	-0.9	0.0	
6AULMJ	22.2	-0.2	1.9	27.0	0.2	2.7	31.7	0.3	2.7	92.2	0.1	3.4	4.3	1.1	2.8	
6FZH7J	23.3	0.2	1.3	28.0	0.5	1.1	27.3	-0.7	0.9	100.0	1.0	0.4	3.0	0.2		
7QEPN6	22.2	-0.2	0.9	24.3	-0.7	1.1	30.4	0.0	0.5	83.8	-0.8	1.2	2.2	-0.3	0.0	
9NLFUU	29.3	2.0	0.6	24.7	-0.6	1.7	28.0	-0.5		85.7	-0.6	0.5	4.0	0.9	1.9	
A9L3NX	22.8	0.0	0.3	26.5	0.0	0.3	31.9	0.4	0.2	95.0	0.4	0.0	2.0	-0.4	0.3	
AGDFPH	17.6	-1.6	1.4	24.4	-0.7	1.1	23.6	-1.5	0.4	82.5	-0.9	0.8	0.7	-1.3	0.3	
AL9CCN	19.4	-1.1	0.3	19.9	-2.2	0.4	29.8	-0.1	0.3	75.3	-1.7	0.8				
AYYW2R	24.1	0.4	0.9	28.1	0.5	0.9	34.0	0.8	0.6	90.4	-0.1	0.1	2.6	0.0	0.4	
BFJEYK	20.8	-0.6	0.3	25.2	-0.4	0.4	27.8	-0.6	0.3	81.9	-1.0	1.0	1.6	-0.7	0.1	
CKUHUT	22.4	-0.1	0.2	23.2	-1.1	0.3	21.1	-2.1	0.2	94.9	0.4	0.3	3.0	0.2	0.1	
E8Y8YJ	22.8	0.0	1.2	28.8	0.8	0.7	30.2	0.0	1.3	91.6	0.1	0.6	5.4	1.8	2.9	
EFAERF	18.0	-1.5		22.0	-1.5		23.3	-1.6	0.4	90.3	-0.1	0.2	3.3	0.4	1.1	
ERYBTE	19.0	-1.2	0.0	26.0	-0.1	0.0	28.3	-0.4	0.0	84.5	-0.7	0.0	3.3	0.4	0.0	
EZW6NR	18.9	-1.2	2.0	25.5	-0.3	0.7	26.6	-0.8	0.6	77.2	-1.5	0.5	3.7	0.7	0.8	
F2MJYM	24.1	0.4	0.0	26.4	0.0	0.0	35.6	1.2	0.0	87.7	-0.3	0.0	4.8	1.4	0.0	
FDGXYJ	23.3	0.2	0.6	27.3	0.3	1.3	29.0	-0.3		112.7	2.3	1.6	2.3	-0.2	1.1	
H9XMXK	21.1	-0.5	0.2	23.3	-1.1	0.1	21.0	-2.1	0.1	95.9	0.5	0.3	2.9	0.2	0.0	
JW3QCD	23.3	0.2	2.3	29.3	1.0	2.3	32.3	0.5	1.6	105.7	1.6	1.6	4.3	1.1	0.2	
K3HX62	34.7	3.7X	6.5	34.8	2.8X	6.8	33.8	0.8	3.3	87.5	-0.4	2.4	9.8	4.6X	9.5	
KLE4VG	20.6	-0.7	0.2	26.9	0.2	0.2	35.2	1.1	0.3	87.0	-0.4	0.1	0.9	-1.1	0.1	
LDYXHA	23.0	0.1		26.7	0.1	0.6	30.7	0.1	0.4	91.7	0.1	0.2	1.3	-0.9	1.1	
LNZ84E	138.3	35.9X	12.0	115.5	29.8X	8.2	84.2	12.2X	33.5	167.4	8.1X	2.6	145.5	91.8X	13.9	
MDDLHG	25.3	0.8	0.6	29.3	1.0	1.7	32.0	0.4	1.5	94.0	0.3	1.8	3.7	0.6	1.1	
MXYKDD	23.0	0.1	1.1	30.7	1.4	0.6	35.7	1.2	0.4	93.7	0.3	0.6	4.7	1.3	1.1	



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
V8GUJK	24.7	0.6	0.6	29.7	1.1	1.3	33.7	0.8	0.9	99.3	0.9	0.2	4.3	1.1	1.1		
VAJUEB	25.2	0.7	0.2	30.0	1.2	0.1	30.5	0.0	0.4	105.4	1.5	0.8	2.3	-0.2	0.1		
W76AF2	22.5	-0.1	0.5	26.9	0.2	0.6	34.6	1.0	0.8	79.0	-1.3	0.2	3.9	0.8	0.1		
YB88UY	30.9	2.5	2.3	25.7	-0.3	0.7	26.3	-0.9	0.6	86.8	-0.4	1.0	2.2	-0.3	1.4		
YP87JG	23.4	0.2	0.4	25.2	-0.4	0.3	30.3	0.0	0.2	89.4	-0.2	0.1	2.3	-0.3	0.2		
ZGRPMZ	21.4	-0.4	1.2	25.5	-0.3	0.5	29.9	-0.1	1.0	79.8	-1.2	0.2	1.7	-0.6	0.1		
ZTMQA3	23.8	0.3	0.0	27.7	0.4	0.2	31.1	0.2	0.4	98.0	0.7	0.4	2.7	0.0	0.2		
ZVTCX3	19.9	-0.9	0.1	26.3	-0.1	0.2	30.5	0.1	0.5	91.0	0.0	0.3	1.8	-0.5	0.2		

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups															Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
Grand Median	22.8			26.4			30.3			91.0			2.67				
Median Abs Dev	1.5			1.6			2.3			4.1			1.00				
Avg Within Lab SD	0.9			0.9			1.3			2.5			0.54				
Labs Included	32			32			33			33			31				
Labs Reporting	34			34			34			34			33				



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QBVGA	69.7	-0.8	0.7	374.8	-1.6	0.3	252.0	-0.7	0.9	305.5	0.2	0.1	78.5	-1.3	0.2	
46AYLZ	82.3	0.2	0.0	435.7	0.6	0.0	269.3	-0.1	0.0	281.8	-0.5	0.0	86.3	-0.7	0.0	
6AULMJ	70.2	-0.8	0.7	404.1	-0.5	3.3	260.1	-0.4	2.8	279.7	-0.5	2.8	90.6	-0.3	1.4	
6FZH7J	91.7	1.0	1.4	472.3	2.0	0.1	327.0	2.2	1.0	328.0	0.9	0.5	107.0	1.0	1.5	
7QEPN6	75.5	-0.3	0.3	413.4	-0.2	0.8	268.6	-0.1	0.5	278.1	-0.6	0.8	89.2	-0.4	0.3	
9NLFUU	121.7	3.4X	7.9	532.0	4.2X	2.8	358.7	3.5X	2.3	336.0	1.1	0.7	123.0	2.4	2.9	
A9L3NX	77.0	-0.2	0.6	421.5	0.1	0.0	281.2	0.4	0.3	333.3	1.0	0.3	94.5	0.0	0.4	
AGDFPH	80.3	0.1	1.1	431.1	0.5	1.5	292.4	0.9	2.2	285.0	-0.4	0.5	99.3	0.4	0.7	
AL9CCN	98.3	1.5	0.3	387.2	-1.1	0.6	242.3	-1.1	0.7	271.6	-0.8	0.6	115.8	1.8	2.7	
AYYW2R	79.4	0.0	0.3	415.1	-0.1	0.2	266.3	-0.2	0.4	285.4	-0.4	0.1	89.5	-0.4	0.2	
BFJEYK	72.9	-0.5	1.2	413.7	-0.2	0.7	267.8	-0.1	0.3	282.7	-0.4	0.9	88.3	-0.5	0.7	
CKUHUT	77.3	-0.2	1.1	425.1	0.2	0.4	338.3	2.7	3.6	354.0	1.6	3.1	103.0	0.7	0.1	
EFAERF	81.3	0.1	0.2	381.3	-1.4	0.1	281.0	0.4		313.3	0.4	0.1	99.3	0.4	0.2	
ERYBTE	74.2	-0.4	0.0	397.5	-0.8	0.0	272.6	0.1	0.0	304.0	0.2	0.0	94.9	0.0	0.0	
EZW6NR	73.8	-0.5	0.1	403.9	-0.5	1.5	256.8	-0.5	0.4	261.3	-1.1	1.0	84.5	-0.8	0.7	
F2MJYM	80.1	0.0	0.0	425.4	0.3	0.0	249.1	-0.8	0.0	333.2	1.0	0.0	84.8	-0.8	0.0	
FDGXYJ	68.3	-0.9	0.4	435.0	0.6	0.6	273.3	0.1	0.6	328.3	0.9	0.5	90.3	-0.3	0.4	
H9XMXK	77.9	-0.1	0.1	422.7	0.2	0.1	318.7	1.9	0.1	375.4	2.2	0.1	102.5	0.7	0.1	
JW3QCD	100.7	1.7	1.9	413.0	-0.2	1.3	313.7	1.7	0.6	298.0	0.0	1.5	92.3	-0.2	1.0	
K3HX62	98.0	1.5	0.7	422.5	0.2	1.1	252.3	-0.7	0.4	287.2	-0.3	1.6	100.3	0.5	2.0	
KLE4VG	70.5	-0.7	0.2	417.7	0.0	0.2	289.7	0.7	0.1	294.3	-0.1	0.1	90.9	-0.3	0.1	
LDYXHA	79.7	0.0	0.2	412.3	-0.2	0.7	283.3	0.5	0.3	293.3	-0.1	0.1	93.7	-0.1	0.4	
LNZ84E	99.7	1.6	2.8	408.2	-0.4	2.2	249.6	-0.8	0.6	281.7	-0.5	2.4	106.1	1.0	1.7	
MDDLHG	86.0	0.5	1.0	407.7	-0.4	0.8	222.3	-1.9	0.2	270.0	-0.8	0.4	93.7	-0.1	0.5	
MXYKDD	68.0	-0.9	0.8	382.0	-1.3	0.6	259.3	-0.4	1.0	294.3	-0.1	0.6	77.7	-1.4	0.8	
PN42BA	77.4	-0.2	0.8	456.4	1.4	0.2	269.2	-0.1	0.2	287.7	-0.3	0.2	94.5	0.0	0.6	



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PPHQC2	71.4	-0.7	0.7	422.0	0.1	1.1	259.0	-0.5	0.1	257.7	-1.2	0.1	87.6	-0.6	0.7	
V8GUJK	86.3	0.5	1.1	435.7	0.6	0.5	281.3	0.4	0.8	352.0	1.6	0.8	96.7	0.2	1.0	
VAJUEB	87.6	0.7	0.6	487.9	2.6	1.7	311.8	1.6	0.6	319.8	0.6	1.6	107.1	1.0	0.3	
W76AF2	69.1	-0.8	0.7	399.3	-0.7	1.4	265.3	-0.2	1.1	269.6	-0.8	0.4	85.7	-0.7	0.2	
WHVBLB	83.0	0.3	2.3	420.3	0.1	0.6	272.0	0.1	1.0	333.0	1.0	0.2	97.0	0.2	1.2	
XK3QV2	76.7	-0.2	0.4	390.7	-1.0	1.2	277.3	0.3	0.5	279.3	-0.5	0.7	100.0	0.5	0.6	
YB88UY	112.0	2.6	1.8	466.1	1.8	1.1	259.5	-0.4	0.4	320.3	0.6	0.3	123.9	2.4	1.5	
YP87JG	102.6	1.9	0.5	419.0	0.0	0.3	269.3	-0.1	0.4	329.9	0.9	0.2	115.7	1.8	0.2	
ZGRPMZ	86.2	0.5	1.4	460.6	1.6	0.3	280.9	0.4	0.4	297.9	0.0	0.4	102.6	0.7	0.2	
ZTMQA3	71.0	-0.7	0.9	426.3	0.3	0.6	278.0	0.3	0.5	336.7	1.1	0.7	91.6	-0.2	0.5	
ZVTCX3	84.8	0.4	0.1	404.3	-0.5	0.2	284.2	0.5	0.1	301.7	0.1	0.1	93.6	-0.1	0.1	

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	79.5			418.3			270.7			297.9			94.5			
Median Abs Dev	6.7			13.4			11.3			19.9			5.8			
Avg Within Lab SD	2.6			9.2			9.0			8.6			3.1			
Labs Included	36			36			36			37			37			
Labs Reporting	37			37			37			37			37			



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QBVGA	1,017.2	-0.9	0.5	5,066.0	-0.6	0.2	303.3	-0.4	0.2	4,441.7	0.0	0.1	1,159.2	-1.0	0.2	
46AYLZ	1,153.5	-0.2	0.0	5,393.0	0.0	0.0	313.7	-0.2	0.0	4,125.2	-0.8	0.0	1,214.1	-0.7	0.0	
6AULMJ	1,085.6	-0.6	1.2	6,447.5	1.9	2.0	349.8	0.2	2.6	5,264.9	2.1	1.9	1,349.0	-0.1	0.8	
6FZH7J	1,317.7	0.7	0.4	5,880.0	0.9	0.7	355.7	0.3	0.4	4,566.7	0.3	1.1	1,497.7	0.5	0.4	
7QEPN6	1,236.0	0.2	0.8	5,415.0	0.0	0.8	436.3	1.3	0.5	4,374.2	-0.2	0.4	1,482.4	0.5	0.9	
9NLFUU	1,803.7	3.3X	2.7	6,467.7	2.0	0.5	386.0	0.7	2.7	4,763.0	0.8	1.4	1,849.7	2.1	1.3	
AGDFPH	1,213.5	0.1	0.5	6,580.6	2.2	0.8	339.4	0.1	1.0	4,980.0	1.4	0.6	1,514.3	0.6	0.6	
AL9CCN	1,273.3	0.4	0.1	4,415.7	-1.8	0.4	234.8	-1.2	0.2	479.3	-10.2X	0.2	1,374.0	0.0	1.3	
AYYW2R	1,072.9	-0.6	0.2	5,387.6	0.0	0.7	326.6	-0.1	0.1	4,321.7	-0.3	0.9	1,206.3	-0.8	0.2	
BFJEYK	1,195.3	0.0	0.5	5,396.6	0.0	0.5	484.7	1.9	0.6	4,445.8	0.0	1.1	1,535.0	0.7	0.1	
CKUHUT	1,227.7	0.2	0.8	5,867.4	0.9	0.1	371.3	0.5	0.0	4,909.1	1.2	0.7	1,469.9	0.4	0.5	
EFAERF	1,275.0	0.5		5,419.0	0.1		483.0	1.9		4,462.0	0.0		1,349.3	-0.1	0.0	
EZW6NR	1,033.3	-0.9	0.2	5,299.2	-0.2	0.9	319.5	-0.2	0.1	3,982.1	-1.2	0.9	1,201.0	-0.8	1.6	
F2MJYM	1,157.0	-0.2		4,600.0	-1.4		316.0	-0.2		4,707.0	0.7		1,219.0	-0.7		
FDGXYJ	1,268.0	0.4	0.7	6,380.3	1.8	0.5	366.7	0.4	0.2	5,404.0	2.5	0.7	1,579.3	0.9	0.5	
H9XMXK	1,134.8	-0.3	0.0	5,647.0	0.5	0.2	385.0	0.7	0.1	4,719.3	0.7	0.3	1,579.0	0.9	0.3	
JW3QCD	1,309.0	0.6	0.3	5,278.0	-0.2	0.3	413.3	1.0	0.5	4,548.7	0.3	0.8	1,302.7	-0.3	1.2	
K3HX62	1,521.6	1.8	1.6	5,986.1	1.1	2.8	273.3	-0.8	0.2	4,399.7	-0.1	1.7	1,444.4	0.3	0.8	
KLE4VG	1,004.0	-1.0	0.1	5,307.0	-0.1	0.1	337.0	0.1	0.1	4,389.7	-0.1	0.1	1,283.0	-0.4	0.1	
LNZ84E	1,605.0	2.2	4.1	5,210.2	-0.3	2.1	257.1	-1.0	0.5	4,197.9	-0.6	3.1	1,611.1	1.0	0.8	
MDDLHG	1,540.0	1.9	0.9	5,723.3	0.6	1.2	403.3	0.9	2.6	4,610.0	0.4	0.7	1,770.0	1.7	3.1	
MXYKDD	995.3	-1.1	0.2	5,278.3	-0.2	0.2	306.3	-0.3	0.3	4,083.3	-0.9	0.8	1,133.3	-1.1	1.0	
PN42BA	1,157.0	-0.2	0.3	4,755.3	-1.1	0.2	298.3	-0.4	0.1	4,038.7	-1.0	0.2	1,296.0	-0.4	0.1	
V8GUJK	1,227.3	0.2	0.8	5,320.0	-0.1	0.9	353.7	0.3	1.3	4,763.3	0.8	0.7	1,357.7	-0.1	1.2	
VAJUEB	1,284.1	0.5	0.5	5,936.9	1.0	1.2	308.2	-0.3	0.1	4,639.0	0.5	1.3	1,522.3	0.6	0.5	
W76AF2	1,032.9	-0.9	0.2	5,071.9	-0.6	0.7	329.0	-0.1	0.6	4,044.3	-1.0	0.8	1,264.9	-0.5	1.1	



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
WHVBLB	1,188.0	0.0	1.3	4,714.7	-1.2	1.9	757.0	5.4X	2.4	4,388.7	-0.1	0.6	1,930.7	2.5	0.6	
XK3QV2	994.0	-1.1	0.2	4,882.7	-0.9	0.4	483.0	1.9	1.0	3,958.7	-1.2	0.3	1,362.0	-0.1	0.6	
YB88UY	1,481.9	1.6	1.2	5,393.2	0.0	1.3	282.8	-0.6	0.3	4,346.2	-0.3	0.5	1,677.4	1.3	2.3	
YP87JG	1,377.4	1.0	0.1	5,300.9	-0.2	0.5	256.2	-1.0	0.5	4,505.4	0.2	0.3	1,521.5	0.6	0.1	
ZGRPMZ	1,181.1	-0.1	0.7	5,388.2	0.0	0.6	488.0	2.0	0.7	4,187.8	-0.7	1.0	1,376.6	0.0	0.1	
ZTMQA3	1,020.7	-0.9	0.6	5,382.3	0.0	0.6	305.7	-0.3	1.4	4,734.0	0.7	0.1	1,384.3	0.0	0.8	
ZVTCX3	1,136.7	-0.3	0.5	5,121.7	-0.5	0.3	301.8	-0.4	0.3	4,338.0	-0.3	0.5	1,288.3	-0.4	0.6	

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	1,191.7			5,387.6			333.0			4,443.8			1,376.6			
Median Abs Dev	99.3			266.0			34.2			250.9			137.6			
Avg Within Lab SD	62.4			130.9			21.3			98.6			56.7			
Labs Included	32			33			32			32			33			
Labs Reporting	33			33			33			33			33			



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QBVGA	211.5	-0.8	0.6	888.5	-1.1	0.6	120.2	-0.7	0.2	700.0	0.1	0.3	161.3	-1.6	0.1
46AYLZ	243.6	0.1	0.0	1,039.0	0.5	0.0	122.1	-0.6	0.0	681.1	-0.2	0.0	173.6	-1.0	0.0
6AULMJ	235.7	-0.1	1.6	1,007.6	0.2	1.1	138.6	0.3	0.7	723.9	0.5	1.7	201.5	0.2	1.4
6FZH7J	259.0	0.5	1.9	1,101.0	1.2	0.6	141.7	0.5	0.6	739.3	0.7	1.5	215.7	0.9	1.4
7QEPN6	256.1	0.4	0.6	993.8	0.0	0.8	137.7	0.3	0.2	685.6	-0.1	0.6	197.5	0.1	0.3
9NLFUU	381.7	3.8X	3.8	1,266.3	3.0X	2.8	161.0	1.5	3.5	797.0	1.6	0.5	259.3	2.9X	2.0
AGDFPH	221.9	-0.5	0.4	1,023.3	0.4	0.6	132.6	0.0	0.1	676.5	-0.2	1.0	181.4	-0.7	0.4
AL9CCN	270.0	0.8	0.1	803.3	-2.1	0.3	101.1	-1.7	0.3	574.2	-1.8	0.3	201.5	0.2	2.1
AYYW2R	228.9	-0.3	0.3	1,029.6	0.4	1.0	133.8	0.1	0.2	694.6	0.0	0.7	175.6	-0.9	0.2
BFJEYK	238.1	-0.1	1.0	1,001.4	0.1	1.1	140.5	0.4	0.5	691.7	0.0	0.7	195.8	0.0	0.5
CKUHUT	237.8	-0.1	0.2	1,016.7	0.3	0.4	153.3	1.1	0.2	762.9	1.1	1.2	197.0	0.0	0.4
EFAERF	232.0	-0.2		880.0	-1.2		139.3	0.4	0.1	639.0	-0.8		167.0	-1.3	
EZW6NR	214.7	-0.7	0.1	930.2	-0.7	0.9	123.5	-0.5	0.4	600.0	-1.4	0.9	168.3	-1.3	1.7
F2MJYM	247.8	0.2	0.0	1,022.0	0.4		120.5	-0.7		772.5	1.2		172.3	-1.1	0.0
FDGXYJ	233.3	-0.2	0.6	1,077.7	1.0	0.7	136.0	0.2		797.0	1.6	0.6	204.3	0.4	0.8
H9XMXK	236.8	-0.1	0.0	1,029.0	0.4	0.2	163.9	1.7	0.1	819.5	1.9	0.6	215.7	0.9	0.1
JW3QCD	273.3	0.9	1.2	1,028.0	0.4	2.6	151.0	1.0	0.8	703.0	0.2	0.4	183.0	-0.6	1.3
K3HX62	314.0	2.0	0.5	996.2	0.1	0.7	111.1	-1.2	0.3	692.1	0.0	1.3	217.3	0.9	1.9
KLE4VG	195.0	-1.3	0.3	955.7	-0.4	0.2	123.3	-0.5	0.3	665.0	-0.4	0.1	174.0	-1.0	0.2
LNZ84E	300.0	1.6	2.7	932.3	-0.6	2.6	106.6	-1.4	0.2	662.8	-0.4	3.0	210.4	0.6	1.2
MDDLHG	297.3	1.5	1.9	986.7	0.0	0.8	129.3	-0.2	3.6	684.7	-0.1	1.1	219.0	1.0	1.0
MXYKDD	168.3	-2.0	0.8	771.7	-2.4	1.0	110.3	-1.2	0.8	656.7	-0.5	0.8	140.0	-2.6	1.4
PN42BA	246.9	0.2	0.2	960.1	-0.3	0.2	128.5	-0.2	0.3	666.0	-0.4	0.2	190.8	-0.3	0.2
V8GUJK	265.3	0.7	0.7	1,005.7	0.2	1.6	134.0	0.1	1.0	771.0	1.2	1.1	197.0	0.0	1.2
VAJUEB	263.3	0.6	0.6	1,113.7	1.4	1.2	132.2	0.0	0.2	742.2	0.7	1.5	208.2	0.5	0.6
W76AF2	212.5	-0.8	0.4	915.6	-0.8	1.0	127.6	-0.3	0.3	632.2	-0.9	0.8	178.1	-0.8	1.6



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
WHVBLB	229.7	-0.3	1.3	953.7	-0.4	1.1	131.3	-0.1	0.6	714.0	0.3	1.5	189.7	-0.3	0.7	
XK3QV2	210.3	-0.8	1.2	798.3	-2.1	0.7	168.0	1.9		595.0	-1.4	0.6	200.0	0.2		
YB88UY	294.1	1.5	1.8	908.9	-0.9	1.0	108.6	-1.3	0.4	630.9	-0.9	0.4	220.0	1.1	1.4	
YP87JG	294.7	1.5	0.1	940.9	-0.5	0.2	110.2	-1.2	0.2	706.1	0.2	0.3	212.3	0.7	0.1	
ZGRPMZ	244.4	0.1	0.6	981.0	-0.1	0.2	148.7	0.9	0.3	655.8	-0.5	0.4	197.1	0.0	0.7	
ZTMQA3	231.3	-0.3	0.7	1,003.3	0.1	0.5	135.0	0.1	0.3	741.7	0.7	0.3	193.7	-0.1	0.2	
ZVTCX3	259.2	0.5	0.2	926.7	-0.7	0.1	133.3	0.0	0.1	705.3	0.2	0.0	195.5	0.0	0.1	

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	240.9			990.2			132.6			692.1			196.4			
Median Abs Dev	18.6			39.1			9.2			35.4			14.5			
Avg Within Lab SD	9.0			25.1			5.8			19.6			7.0			
Labs Included	32			32			33			33			32			
Labs Reporting	33			33			33			33			33			



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
46AYLZ	19.8	-0.2	0.0	43.2	-1.1	0.0	16.4	0.5	0.0	21.3	0.1	0.0	16.8	0.0	0.0
6AULMJ	26.4	1.0	2.6	55.6	0.4	0.8	22.7	1.4	1.2	24.2	0.7	0.9	26.6	1.6	1.3
6FZH7J	20.7	-0.1	0.3	60.7	1.0	0.5	13.3	0.1	0.2	22.0	0.3	0.3	18.0	0.2	0.2
7QEPN6	21.9	0.1	0.8	50.8	-0.2	1.1	12.4	0.0	0.4	19.7	-0.2	0.4	16.9	0.0	0.3
9NLFUU	38.7	3.2	0.8	94.7	5.0X	3.8	36.0	3.3X	1.0	38.7	3.5X	0.2	42.0	4.1X	0.7
AGDFPH	19.0	-0.4	0.3	49.4	-0.3	0.6	10.9	-0.3	0.7	19.7	-0.2	0.1	18.8	0.3	0.3
AL9CCN	17.8	-0.6	0.5	42.9	-1.1	0.4	7.1	-0.8	0.1	15.9	-0.9	0.5	15.4	-0.3	0.5
BFJEYK	23.4	0.4	0.7	56.1	0.5	0.2	19.2	0.9	0.1	21.0	0.1	0.1	17.0	0.0	0.4
EZW6NR	28.8	1.4	0.4	61.7	1.1	0.9	21.5	1.3	0.4	28.1	1.4	0.6	27.2	1.7	0.4
F2MJYM	21.1	0.0	0.0	53.6	0.2	0.0	10.5	-0.3		23.4	0.5	0.0	13.7	-0.5	0.0
FDGXYJ	31.7	1.9	2.5	72.0	2.4	1.4	28.0	2.2	1.3	33.3	2.5	2.8	37.0	3.2	1.3
JW3QCD	20.0	-0.2	0.5	36.3	-1.9	0.9	13.7	0.1	0.2	14.7	-1.2	0.2	13.3	-0.6	0.1
K3HX62	20.7	-0.1	0.1	52.6	0.1	1.3	8.6	-0.6	0.2	20.0	-0.1	0.4	16.7	0.0	0.2
LNZ84E	50.5	5.4X	2.6	61.1	1.1	2.5	28.4	2.3	4.0	33.0	2.4	3.2	38.3	3.4	4.1
MDDLHG	18.7	-0.4	0.3	49.0	-0.4	0.4	7.3	-0.8	0.2	18.7	-0.4	0.2	15.7	-0.2	0.1
MXYKDD	21.3	0.0	1.0	40.3	-1.4	1.4	12.0	-0.1	0.6	19.7	-0.2	0.7	15.3	-0.3	0.1
V8GUJK	21.7	0.1	1.3	55.7	0.4	0.8	12.7	0.0	0.9	27.0	1.2	1.3	17.0	0.0	1.1
VAJUEB	13.7	-1.4	0.1	52.1	0.0	0.7	4.4	-1.2	0.0	14.1	-1.3	0.2	11.6	-0.9	0.0
WHVBLB	18.0	-0.6	0.9	49.7	-0.3	1.5	14.0	0.2	0.3	20.7	0.0	0.6	17.3	0.1	0.4
YB88UY	27.8	1.2	1.1	56.7	0.5	0.7	12.1	-0.1	0.5	23.9	0.6	0.3	24.1	1.2	0.2
YP87JG	23.4	0.4	1.5	51.2	-0.1	0.7	14.9	0.3	0.7	21.3	0.1	0.1	18.2	0.2	0.1
ZGRPMZ	21.1	0.0	0.6	53.2	0.1	1.5	20.1	1.1	0.2	19.3	-0.3	0.4	16.7	0.0	0.2
ZTMQA3	13.8	-1.3	0.2	46.9	-0.6	0.1	7.0	-0.8	0.2	16.8	-0.8	0.1	12.2	-0.8	0.1
ZVTCX3	22.6	0.3	0.5	48.1	-0.5	0.3	11.6	-0.1	0.1	20.6	0.0	0.3	17.7	0.1	0.2



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815
Grand Median	21.1	52.1	12.7	20.7	17.0
Median Abs Dev	2.3	4.0	3.8	2.0	1.6
Avg Within Lab SD	2.0	2.5	3.4	3.5	4.0
Labs Included	23	23	23	23	23
Labs Reporting	24	24	24	24	24



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

Data units: mg/kg

WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
46AYLZ	13.4	-0.1	0.0	38.5	1.3		40.4	-3.4	0.0	28.9	1.3	0.0	11.8	-0.1	
6AULMJ	10.4	-0.8	0.2	18.1	-0.4	0.3	68.4	-0.5	0.3	16.7	-0.3	0.8	10.6	-0.3	0.3
6FZH7J	14.0	0.0		24.0	0.1	0.2	75.7	0.2	0.6	18.8	0.0	0.1	10.8	-0.2	0.1
7QEPN6	13.7	-0.1	0.1	24.3	0.1	0.2	79.6	0.7	0.9	21.1	0.3	0.2	12.5	0.1	0.2
9NLFUU	14.0	0.0	0.5	19.3	-0.3	0.1	73.0	0.0	1.5	13.3	-0.7	0.2	13.7	0.4	0.2
AGDFPH	18.5	1.0	0.4	60.5	3.2	1.1	74.6	0.1	1.2	43.4	3.1	1.0	16.3	0.9	0.5
AL9CCN	22.7	2.0	0.0	31.9	0.8	0.0	68.5	-0.5	0.3	27.4	1.1	0.2	18.2	1.3	0.3
AYYW2R	14.3	0.1	0.2	34.9	1.0	0.2	64.1	-0.9	0.6	29.9	1.4	0.1	12.7	0.1	0.1
BFJEYK	12.4	-0.4	0.3	23.5	0.1	0.2	74.0	0.1	0.4	20.1	0.2	0.1	12.1	0.0	0.3
CKUHUT	13.3	-0.2	0.1	22.3	0.0	0.0	73.3	0.0	0.3	21.6	0.4	0.2	10.4	-0.3	0.1
EZW6NR	20.0	1.3	0.3	51.7	2.5	3.4	21.5	-5.3X	0.2	28.1	1.2	0.5	27.2	3.3	0.5
F2MJYM	14.0	0.0		21.3	-0.1	0.0	73.2	0.0	0.0	18.7	0.0	0.0	13.2	0.3	0.0
FDGXYJ	12.7	-0.3	0.2	22.7	0.0	0.1	73.7	0.0	0.8	20.0	0.2		11.3	-0.1	0.2
GJMUHJ	12.3	-0.4	0.2	20.0	-0.2	0.1	78.2	0.5	0.2	18.0	-0.1	0.0	11.7	-0.1	0.1
H9XMXK	13.7	-0.1	0.0	24.3	0.2	0.0	75.4	0.2	0.1	22.9	0.5	0.0	11.4	-0.1	0.0
JW3QCD	14.7	0.2	0.5	22.0	0.0	0.4	69.3	-0.4	0.9	15.7	-0.4	0.2	10.7	-0.3	0.2
K3HX62	32.5	4.2	5.0	49.4	2.3	3.8	45.6	-2.8	2.7	40.3	2.7	5.0	23.1	2.4	5.1
KLE4VG	12.1	-0.4	0.0	21.8	-0.1	0.0	71.7	-0.2	0.1	15.8	-0.4	0.0	11.1	-0.2	0.0
LKENXA	31.0	3.8	0.2	44.9	1.9	0.2	136.6	6.5X	0.9	35.4	2.1	0.2	32.7	4.4	0.2
LNZ84E	77.4	14.3X	2.6	56.8	2.9	0.9	47.2	-2.7	3.4	64.7	5.9X	1.0	40.3	6.1X	1.9
MDDLHG	16.0	0.5	0.3	20.3	-0.2	0.4	72.0	-0.1	0.7	16.7	-0.3	0.3	12.0	0.0	0.3
MXYKDD	11.0	-0.7	0.3	17.7	-0.4	0.2	68.3	-0.5	0.7	16.0	-0.4	0.3	8.7	-0.7	0.4
V8GUJK	16.3	0.5	0.2	23.7	0.1	0.1	79.3	0.6	0.5	22.3	0.5	0.3	13.3	0.3	0.5
VAJUEB	10.3	-0.8	0.1	11.7	-0.9	0.1	81.9	0.9	0.2	10.1	-1.1	0.2	5.8	-1.3	0.2
W76AF2	12.5	-0.3	0.4	21.3	-0.1	0.2	74.3	0.1	0.9	16.0	-0.4	0.1	12.9	0.2	0.4
YB88UY	17.1	0.7	0.3	19.9	-0.2	0.1	60.1	-1.3	0.3	15.9	-0.4	0.2	13.5	0.3	0.2



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
YP87JG	14.3	0.1	0.0	19.8	-0.2	0.1	70.0	-0.3	0.0	17.3	-0.2	0.0	10.8	-0.3	0.1	
ZGRPMZ	14.5	0.1	0.0	25.2	0.2	0.3	84.4	1.1	0.2	19.2	0.0	0.1	14.0	0.4	0.0	
ZTMQA3	12.3	-0.4	0.2	21.1	-0.1	0.1	75.8	0.3	0.4	18.8	0.0	0.1	11.2	-0.2	0.3	
ZVTCX3	14.6	0.1	0.1	18.6	-0.3	0.0	76.7	0.3	0.1	18.8	0.0	0.1	7.7	-0.9	0.1	

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	14.0			22.5			73.3			18.8			12.0			
Median Abs Dev	1.6			2.6			3.7			2.8			1.3			
Avg Within Lab SD	3.3			5.7			4.1			3.7			3.2			
Labs Included	29			30			28			29			29			
Labs Reporting	30			30			30			30			30			



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Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
6AULMJ	799.8	-0.7	2.3	641.1	0.2	2.1	1,216.9	0.7	0.7	568.8	0.7	1.8	1,440.1	1.7	1.2	
6FZH7J	947.3	0.8	1.0	660.0	0.5	1.0	1,146.7	0.0	0.8	584.0	1.0	1.3	1,325.0	0.0	0.6	
7QEPN6	856.5	-0.1	0.9	636.2	0.1	0.3	1,239.1	0.9	0.9	511.9	-0.2	1.4	1,270.3	-0.8	0.4	
9NLFUU	905.7	0.4	1.6	617.3	-0.2	2.1	1,064.7	-0.7	1.3	282.0	-3.8X	0.9	1,251.3	-1.1	0.6	
AL9CCN	933.3	0.6	0.3	556.6	-1.3	0.3	1,079.7	-0.6	1.5	479.3	-0.7	1.6	1,374.0	0.7	2.1	
AYYW2R	887.3	0.2	0.0	693.4	1.1	0.7	1,230.0	0.8	0.9	570.5	0.7	0.7	1,407.7	1.2	0.0	
BFJEYK	836.8	-0.4	1.5	624.4	-0.1	1.3	1,098.1	-0.4	0.6	495.7	-0.4	0.4	1,278.5	-0.7	0.3	
JW3QCD	885.3	0.1	0.5	644.3	0.3	0.5	1,280.3	1.3	2.3	539.7	0.3	0.4	1,262.7	-0.9	1.3	
LKENXA	723.3	-1.5	0.9	497.6	-2.4	1.0	903.0	-2.3	0.8	393.4	-2.1	1.0	961.7	-5.4X	0.4	
MDDLHG	988.7	1.2	0.6	623.3	-0.1	0.4	1,070.0	-0.7	1.4	518.0	-0.1	0.8	1,326.7	0.0	1.4	
MXYKDD	786.7	-0.9	0.9	653.3	0.4	0.3	1,283.3	1.3	0.7	556.7	0.5	0.5	1,366.7	0.6	1.7	
VAJUEB	968.7	1.0	0.3	712.0	1.5	0.4	1,172.6	0.3	0.3	597.3	1.2	0.4	1,380.2	0.8	0.3	
W76AF2	773.1	-1.0	0.7	575.8	-1.0	1.2	1,087.8	-0.5	0.8	469.0	-0.9	1.5	1,272.1	-0.8	1.2	
YP87JG	940.9	0.7	0.0	581.1	-0.9	0.3	1,126.1	-0.2	0.1	523.5	0.0	0.1	1,298.9	-0.4	0.1	
ZGRPMZ	807.8	-0.7	1.0	618.4	-0.2	0.2	1,146.8	0.0	0.4	483.3	-0.6	0.6	1,331.0	0.1	0.3	
ZTMQA3	835.7	-0.4	0.3	649.7	0.4	0.5	1,139.0	0.0	0.3	575.7	0.8	0.4	1,308.0	-0.3	0.2	

Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	870.9			630.3			1,142.8			523.5			1,325.0			
Median Abs Dev	66.6			21.2			68.0			44.2			49.0			
Avg Within Lab SD	25.6			16.8			44.2			12.3			34.7			
Labs Included	16			16			16			15			15			
Labs Reporting	16			16			16			16			16			



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	2.37	0.00	0.00	2.30	0.50	0.00	1.17	-0.47	0.00	4.53	1.26	4.23	1.71	-0.22	0.34	
6AULMJ	1.86	-1.34	0.94	1.84	-0.89	0.75	1.18	-0.41	0.95	3.40	-0.60	0.22	1.67	-0.38	1.46	
6FZH7J	2.59	0.57	0.72	2.28	0.43	0.42	1.24	-0.17	0.47	3.83	0.10	0.09	1.77	-0.01	0.34	
7QEPN6	2.30	-0.18	0.48	2.47	1.03	0.12	1.26	-0.06	0.28	3.77	0.00	0.18	1.88	0.43	0.59	
9NLFUU	2.65	0.74	1.57	1.99	-0.44	1.17	1.29	0.06	0.23	3.14	-1.03	0.10	1.73	-0.17	1.33	
AGDFPH	1.84	-1.39	2.02	1.77	-1.10	1.31	0.72	-2.49	1.09	3.13	-1.06	0.49	1.20	-2.26	2.70	
AL9CCN	2.39	0.04	0.73	1.59	-1.65	1.78	1.43	0.69	1.99	3.38	-0.63	2.61	1.81	0.18	1.39	
AYYW2R	2.20	-0.44	0.79	1.89	-0.73	0.26	1.23	-0.21	0.16	3.32	-0.73	0.15	1.61	-0.63	0.43	
BFJEYK	2.23	-0.37	0.20	2.41	0.84	0.61	1.42	0.67	0.22	3.69	-0.13	0.18	1.85	0.31	0.41	
CKUHUT	2.41	0.11	1.25	2.25	0.34	0.72	1.44	0.74	2.02	4.36	0.97	0.73	1.71	-0.22	0.56	
EZW6NR	2.30	-0.18	2.09	1.53	-1.82	2.30	3.00	7.80X	0.78	2.27	-2.47	0.67	2.27	1.99	1.27	
F2MJYM	2.37	0.00	0.00	2.16	0.08	0.00	1.18	-0.42	0.00	3.80	0.05	0.00	1.76	-0.03	0.00	
FDGXYJ	2.37	-0.01	0.91	2.20	0.20	0.65	1.43	0.72	0.45	4.30	0.88	0.23	1.90	0.53	0.83	
H9XMXK	2.35	-0.06	0.59	2.24	0.31	0.08	1.16	-0.51	0.21	4.26	0.81	0.12	1.65	-0.49	0.34	
JW3QCD	2.40	0.08	0.79	2.13	0.00	0.38	1.53	1.18	1.20	3.67	-0.17	0.35	1.80	0.13	0.83	
K3HX62	3.50	2.94	2.39	2.48	1.04	1.55	1.47	0.90	2.98	4.00	0.38	1.34	1.97	0.82	1.62	
KLE4VG	2.12	-0.65	0.21	2.38	0.74	0.26	1.34	0.30	0.21	3.78	0.01	0.09	2.00	0.91	0.17	
LKENXA	1.57	-2.08	0.25	1.34	-2.40	0.07	0.89	-1.74	0.13	2.35	-2.33	0.06	1.26	-2.02	0.03	
LNZ84E	9.65	18.98X	5.79	6.92	14.50X	6.34	0.46	-3.67X	3.34	4.34	0.94	0.20	0.65	-4.48X	4.71	
MDDLHG	2.80	1.12	0.00	2.07	-0.20	0.38	1.50	1.02	0.78	4.00	0.38	0.23	2.07	1.19	0.48	
MXYKDD	1.53	-2.18	0.91	2.10	-0.10	2.85	0.93	-1.54	1.20	3.10	-1.10	0.40	1.43	-1.34	1.74	
V8GUJK	2.50	0.34	1.37	2.13	0.00	1.36	1.33	0.27	1.63	4.03	0.44	0.71	1.73	-0.14	1.74	
VAJUEB	2.46	0.23	0.20	2.09	-0.14	0.24	1.27	-0.02	0.24	3.78	0.01	0.16	1.82	0.22	0.29	
W76AF2	2.07	-0.77	0.52	1.91	-0.69	0.75	1.28	0.02	0.27	2.98	-1.30	0.06	1.71	-0.24	0.44	
YB88UY	3.00	1.63	1.33	2.14	0.03	0.32	1.07	-0.91	0.46	3.61	-0.26	0.29	2.21	1.75	0.78	
YP87JG	2.40	0.07	0.12	1.79	-1.03	0.10	1.03	-1.08	0.05	3.35	-0.69	0.04	1.70	-0.27	0.00	



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ZGRPMZ	2.41	0.10	0.19	2.56	1.28	0.75	1.45	0.81	0.16	3.67	-0.16	0.14	2.03	1.05	0.07	
ZTMQA3	2.30	-0.17	0.43	2.09	-0.12	0.46	1.27	0.00	0.82	3.92	0.26	0.16	1.77	0.01	0.74	
ZVTCX3	2.78	1.08	0.25	2.38	0.75	0.20	1.45	0.80	0.28	4.02	0.42	0.07	2.01	0.95	0.35	
Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	2.37			2.13			1.27			3.77			1.77			
Median Abs Dev	0.14			0.20			0.15			0.36			0.10			
Avg Within Lab SD	0.13			0.15			0.13			0.43			0.12			
Labs Included	28			28			27			29			28			
Labs Reporting	29			29			29			29			29			



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	161.9	-0.2	0.0	132.6	-0.1	0.0	29.9	-0.7	0.0	82.1	-0.7	0.0	19.0	-0.9	0.0	
6AULMJ	138.5	-1.1	0.5	125.9	-0.5	1.1	36.7	0.8	0.5	86.9	-0.4	1.9	23.9	0.6	2.0	
6FZH7J	190.0	0.9	1.5	160.7	1.6	1.6	37.0	0.9	1.6	93.0	0.0	1.6	24.3	0.7	0.6	
7QEPN6	164.9	-0.1	0.5	129.0	-0.3	0.4	30.8	-0.5	0.2	85.2	-0.5	0.9	20.6	-0.4	0.4	
9NLFUU	199.5	1.2	3.1	168.4	2.1	2.7	37.0	0.9	2.0	98.8	0.4	0.6	21.6	-0.1	1.3	
AGDFPH	171.8	0.2	0.6	136.9	0.2	0.7	31.3	-0.4	0.6	82.2	-0.7	0.6	17.2	-1.4	1.5	
AL9CCN	169.3	0.1	0.2	108.8	-1.5	0.7	27.2	-1.3	0.3	77.4	-1.0	2.1	24.6	0.7	1.5	
AYYW2R	164.5	-0.1	0.4	133.7	0.0	0.6	33.7	0.1	0.4	85.1	-0.5	0.5	20.4	-0.5	0.3	
BFJEYK	167.8	0.0	0.3	139.3	0.3	0.2	33.9	0.2	0.5	86.7	-0.4	0.7	23.2	0.3	0.2	
CKUHUT	175.1	0.3	0.6	146.0	0.7	0.9	35.6	0.6	0.3	109.8	1.0	0.3	18.4	-1.1	0.2	
EZW6NR	236.3	2.6	1.2	174.9	2.4	2.3	46.6	3.0	1.4	114.2	1.3	0.8	30.8	2.6	0.3	
F2MJYM	174.0	0.3		141.4	0.5	0.0	30.4	-0.6	0.0	110.2	1.1	0.0	22.2	0.0	0.0	
FDGXYJ	190.3	0.9	0.5	146.3	0.8	0.3	35.3	0.5	0.5	100.7	0.5	0.8	24.0	0.6	1.0	
H9XMXK	165.8	0.0	0.1	132.6	-0.1	0.3	34.8	0.4	0.3	105.7	0.8	0.4	18.7	-1.0	0.1	
JW3QCD	152.7	-0.5	0.6	128.7	-0.3	0.6	34.7	0.4	1.7	80.7	-0.8	0.8	21.0	-0.3	2.7	
K3HX62	214.7	1.8	0.3	146.0	0.7	0.6	31.7	-0.3	0.4	99.0	0.4	2.0	25.3	0.9	0.7	
KLE4VG	146.0	-0.8	0.4	132.2	-0.1	0.2	35.9	0.6	0.1	82.0	-0.7	0.1	22.2	0.1	0.2	
LKENXA	74.5	-3.5X	0.6	62.1	-4.2X	0.6	14.9	-3.9X	0.5	40.5	-3.3X	0.4	8.7	-3.9X	0.2	
LNZ84E	162.0	-0.2	1.8	116.4	-1.0	1.1	24.0	-2.0	1.1	72.4	-1.3	1.7	15.3	-2.0	0.7	
MDDLHG	206.0	1.5	1.1	144.3	0.6	1.1	32.3	-0.1	0.5	94.0	0.1	0.4	23.0	0.3		
MXYKDD	160.0	-0.3	1.7	133.3	0.0	1.3	34.0	0.2	2.9	105.3	0.8	1.8	23.0	0.3	1.0	
V8GUJK	154.3	-0.5	0.7	120.7	-0.8	0.7	29.7	-0.7	0.9	93.3	0.0	0.2	19.7	-0.7	1.5	
VAJUEB	196.4	1.1	0.3	155.4	1.3	0.8	36.7	0.8	0.4	99.4	0.4	0.5	23.1	0.3	0.0	
W76AF2	140.3	-1.0	0.5	116.2	-1.0	0.9	30.3	-0.6	1.0	75.6	-1.1	0.3	19.5	-0.8	0.2	
YP87JG	194.7	1.1	0.1	130.7	-0.2	0.5	30.2	-0.6	0.4	103.6	0.7	0.1	24.6	0.8	0.2	
ZGRPMZ	150.5	-0.6	0.9	126.7	-0.4	0.2	31.5	-0.3	0.9	77.7	-1.0	0.2	21.9	0.0	0.3	



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815			
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	
ZTMQA3	162.3	-0.2	0.3	137.3	0.2	0.4	31.9	-0.2	0.2	110.7	1.1	0.6	21.6	-0.1	0.9	

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	166.8			133.5			33.0			93.2			22.1			
Median Abs Dev	13.3			7.8			2.6			11.0			1.9			
Avg Within Lab SD	5.9			4.3			1.2			2.7			1.0			
Labs Included	26			26			26			26			26			
Labs Reporting	27			27			27			27			27			



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	160.1	-0.2	0.0	113.6	-0.2	0.0	56.1	-0.6	0.0	172.4	-0.5	0.8	189.2	-0.5	0.9	
6AULMJ	160.3	-0.2	2.4	115.5	-0.1	0.6	69.6	0.4	2.1	200.1	0.4	2.9	220.5	0.6	0.5	
6FZH7J	190.3	0.9	1.6	128.0	0.6	1.0	65.0	0.0	1.1	200.0	0.4	1.7	205.0	0.0	0.8	
7QEPN6	161.2	-0.2	0.5	109.6	-0.4	0.0	64.2	0.0	0.7	170.2	-0.6	0.7	191.1	-0.5	0.3	
9NLFUU	163.1	-0.1	1.8	112.0	-0.3	2.5	60.9	-0.3	1.6	168.0	-0.6	1.1	209.9	0.2	1.3	
AGDFPH	150.6	-0.6	0.7	101.5	-0.9	1.5	43.1	-1.6	2.1	159.8	-0.9	1.0	185.0	-0.7	2.2	
AL9CCN	158.0	-0.3	0.5	98.7	-1.0	0.6	52.3	-0.9	0.4	163.5	-0.8	1.7	226.6	0.8	2.7	
AYYW2R	180.0	0.5	0.2	121.5	0.3	0.3	70.8	0.5	0.4	185.8	0.0	0.1	214.1	0.3	0.1	
BFJEYK	164.8	-0.1	0.3	117.3	0.0	0.5	59.5	-0.4	0.3	176.2	-0.4	0.6	199.9	-0.1	0.7	
CKUHUT	157.4	-0.3	0.2	107.0	-0.6	0.6	52.4	-0.9	0.4	189.9	0.1	0.1	175.8	-1.0	0.7	
EZW6NR	294.9	5.0	1.3	178.5	3.5	1.0	109.1	3.4	1.2	261.6	2.5	0.6	302.3	3.4	1.4	
F2MJYM	183.8	0.7	0.0	132.5	0.9		64.9	0.0	0.0	208.8	0.7	0.0	217.1	0.4	0.0	
FDGXYJ	157.3	-0.4	1.9	126.3	0.5	0.9	70.0	0.4	0.8	214.0	0.9	1.6	213.3	0.3	0.8	
H9XMXK	145.6	-0.8	0.0	106.5	-0.6	0.1	56.6	-0.6	0.2	186.5	0.0	0.2	171.8	-1.1	0.1	
JW3QCD	202.7	1.4	1.1	140.3	1.3	0.3	81.3	1.3	0.8	219.3	1.1	0.4	231.0	0.9	1.0	
K3HX62	182.3	0.6	0.5	119.9	0.2	0.5	69.8	0.4	1.5	192.9	0.2	1.2	203.0	0.0	1.1	
KLE4VG	175.7	0.4	0.2	121.3	0.3	0.3	74.6	0.8	0.1	180.7	-0.2	0.2	196.0	-0.3	0.4	
LKENXA	97.0	-2.7	0.5	60.4	-3.2	0.1	33.6	-2.4	0.2	98.7	-3.0	0.2	114.5	-3.1	0.4	
LNZ84E	364.2	7.6X	2.3	247.8	7.4X	0.7	118.8	4.1X	0.6	420.0	7.8X	3.6	458.7	8.7X	5.4	
MDDLHG	173.7	0.3	1.2	118.3	0.1	0.9	58.3	-0.5	0.7	179.7	-0.2	0.5	196.0	-0.3	0.9	
MXYKDD	170.0	0.1	1.6	125.3	0.5	3.1	78.7	1.1	0.7	220.0	1.1	1.4	246.7	1.5	0.8	
V8GUJK	166.7	0.0	0.2	109.3	-0.4	0.5	72.0	0.6	2.2	187.0	0.0	0.4	194.0	-0.4	1.4	
VAJUEB	184.0	0.7	0.3	126.5	0.5	0.4	64.2	0.0	0.5	206.2	0.7	0.1	208.4	0.1	0.3	
W76AF2	156.4	-0.4	1.0	102.6	-0.8	1.0	63.4	-0.1	0.9	165.2	-0.7	0.5	203.5	0.0	0.2	
YP87JG	177.2	0.4	0.2	110.7	-0.3	0.2	66.4	0.1	0.2	189.9	0.1	0.1	221.2	0.6	0.4	
ZGRPMZ	166.1	0.0	0.5	118.4	0.1	0.4	65.7	0.1	0.4	168.9	-0.6	0.1	218.3	0.5	0.6	



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
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			
ZTMQA3	171.0	0.2	0.7	116.3	0.0	0.1	63.9	0.0	0.1	209.0	0.7	0.4	203.3	0.0	0.5			

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
Grand Median	166.4			116.8			64.6			186.8			204.3					
Median Abs Dev	9.2			8.0			5.8			17.2			13.0					
Avg Within Lab SD	6.2			4.4			3.1			7.1			7.0					
Labs Included	26			26			26			26			26					
Labs Reporting	27			27			27			27			27					



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
46AYLZ	1.07	0.08	0.00	3.67	0.89	0.00	1.05	-0.08	0.00	2.72	0.15	0.96	0.99	-0.17	0.27
6AULMJ	1.15	0.47	1.89	3.43	0.19	1.06	1.35	1.56	1.15	2.67	0.00	1.53	1.46	1.70	3.70
6FZH7J	1.13	0.36	0.69	3.79	1.23	0.27	1.20	0.71	0.80	2.89	0.66	0.33	1.00	-0.14	0.52
7QEPN6	1.03	-0.12	0.22	3.24	-0.37	0.89	1.13	0.37	0.14	2.34	-0.98	0.36	1.04	0.01	0.48
9NLFUU	1.32	1.23	1.58	3.97	1.77	1.14	1.63	3.08	0.90	2.64	-0.09	0.39	1.39	1.43	0.23
AGDFPH	0.60	-2.11	2.57	3.17	-0.57	2.03	0.71	-1.90	2.62	2.12	-1.65	1.65	0.56	-1.90	2.03
AL9CCN	1.04	-0.08	0.16	0.22	-9.23X	0.00	0.28	-4.25X	0.14	0.11	-7.67X	0.11	0.04	-4.00X	0.05
AYYW2R	1.30	1.15	2.11	3.65	0.82	0.54	1.25	0.98	0.14	2.67	0.00	1.79	1.39	1.42	0.61
BFJEYK	0.92	-0.63	0.21	3.33	-0.12	0.70	1.00	-0.35	0.03	2.38	-0.88	1.01	0.98	-0.24	0.22
CKUHUT	0.95	-0.49	0.48	3.44	0.21	2.93	1.05	-0.08	0.52	2.82	0.44	2.48	0.87	-0.68	0.22
EZW6NR	2.70	7.68X	0.00	0.90	-7.23X	0.76	2.57	8.15X	0.69	1.10	-4.70X	1.11	2.87	7.34X	1.08
F2MJYM	1.01	-0.20	0.00	3.43	0.19	0.00	1.06	-0.03	0.00	2.57	-0.30	0.00	1.12	0.34	0.00
FDGXYJ	0.83	-1.03	1.22	3.43	0.20	1.17	0.83	-1.26	0.69	3.13	1.39	0.64	0.67	-1.48	1.42
H9XMXK	0.92	-0.63	0.03	3.13	-0.70	0.19	0.99	-0.41	0.00	2.90	0.70	0.85	0.84	-0.79	0.09
JW3QCD	1.10	0.20	0.27	3.37	0.00	0.44	1.17	0.55	0.69	2.53	-0.41	0.64	1.02	-0.08	0.71
K3HX62	1.31	1.17	0.26	3.62	0.75	0.48	1.08	0.06	0.27	2.73	0.19	0.57	0.97	-0.26	0.11
LKENXA	1.13	0.37	0.69	3.18	-0.55	0.81	1.13	0.33	0.81	2.09	-1.74	0.95	0.99	-0.17	0.52
LNZ84E	1.01	-0.19	1.95	2.72	-1.91	1.25	0.78	-1.56	1.00	2.06	-1.83	0.99	0.29	-2.99	0.74
MDDLHG	1.43	1.77	0.61	3.27	-0.29	0.44	1.17	0.55	0.69	2.50	-0.51	1.11	1.10	0.26	0.00
MXYKDD	0.88	-0.79	0.80	3.50	0.39	0.76	1.23	0.91	0.69	2.87	0.59	0.64	1.10	0.26	0.93
V8GUJK	0.97	-0.40	0.61	3.13	-0.68	0.44	1.03	-0.17	1.38	2.73	0.19	1.29	0.83	-0.81	1.08
VAJUEB	1.21	0.72	0.42	4.05	2.01	0.77	1.26	1.06	0.42	2.98	0.94	0.64	1.09	0.20	0.07
W76AF2	0.85	-0.95	0.25	3.03	-0.99	1.27	1.07	0.00	0.27	2.18	-1.46	0.39	1.04	0.00	0.14
YB88UY	1.15	0.43	0.61	3.45	0.24	0.91	1.01	-0.28	2.98	2.57	-0.30	0.57	1.18	0.59	0.50
YP87JG	1.20	0.68	0.32	3.19	-0.51	0.12	1.05	-0.10	0.14	2.68	0.02	0.23	1.04	0.03	0.05
ZGRPMZ	0.93	-0.57	0.19	3.15	-0.64	0.32	1.06	-0.01	0.10	2.22	-1.36	0.40	1.07	0.13	0.17



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
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			
ZTMQA3	1.21	0.71	0.16	3.15	-0.64	0.29	1.15	0.44	0.59	2.70	0.09	0.22	1.23	0.78	0.65			

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
Grand Median	1.05			3.37			1.07			2.67			1.04					
Median Abs Dev	0.13			0.20			0.08			0.17			0.07					
Avg Within Lab SD	0.09			0.13			0.08			0.09			0.11					
Labs Included	26			25			25			25			25					
Labs Reporting	27			27			27			27			27					



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	0.81	0.08	0.00	0.88	0.00	0.00	0.25	-0.09		0.97	-1.16	0.94	0.32	-0.06	0.23	
6AULMJ	0.72	-0.49	0.59	0.72	-0.53	0.63	0.18	-0.66	0.48	1.04	-0.87	0.68	0.21	-0.45	0.06	
7QEPN6	0.79	-0.06	0.18	0.96	0.26	0.33	0.26	0.01	0.17	1.24	0.00	0.17	0.35	0.06	0.05	
9NLFUU	1.02	1.32	0.54	0.98	0.32	0.88	0.39	1.03	0.32	0.97	-1.15	0.17	0.35	0.07	0.23	
AGDFPH	0.48	-1.92	2.58	0.29	-1.95	3.15	0.55	2.37	3.66	0.76	-2.04	3.52	0.57	0.84	1.44	
AYYW2R	0.83	0.20	0.13	0.82	-0.19	0.28	0.23	-0.25	0.24	1.06	-0.78	0.16	0.78	1.57	2.93	
BFJEYK	0.76	-0.25	0.19	0.85	-0.09	0.14	0.30	0.29	0.08	1.26	0.07	0.12	0.39	0.22	0.06	
CKUHUT	0.95	0.89	0.10	0.94	0.20	0.17	0.35	0.75	0.58	1.25	0.03	0.27	0.36	0.08	0.10	
EZW6NR	0.85	0.32	0.58	1.43	1.83	1.82	2.00	14.20X	1.38	1.60	1.51	1.25	0.97	2.25	0.57	
F2MJYM	0.86	0.38	0.00	1.06	0.60	0.00	0.21	-0.42	0.00	1.34	0.41	0.00	0.18	-0.54	0.00	
FDGXYJ	0.13	-4.00X	0.44	0.10	-2.58	0.00	0.13	-1.04	0.80	0.17	-4.54X	0.36	0.10	-0.83	0.00	
H9XMXK	0.84	0.28	0.04	0.93	0.17	0.09	0.30	0.35	0.11	1.27	0.10	0.26	0.37	0.11	0.04	
JW3QCD	0.69	-0.67	0.50	0.57	-1.04	0.13	0.30	0.32	0.50	0.81	-1.81	0.13	0.30	-0.13	0.12	
LKENXA	0.44	-2.17	3.50	0.23	-2.14	2.02	0.10	-1.31	0.00	0.74	-2.12	1.84	0.10	-0.83	0.00	
MDDLHG	1.03	1.42	0.44	0.63	-0.82	1.34	0.20	-0.50	1.38	1.27	0.10	0.95	0.20	-0.47	0.50	
V8GUJK	0.73	-0.39	0.44	0.83	-0.15	0.51	0.13	-1.04	0.80	1.27	0.10	0.36	0.13	-0.71	0.29	
VAJUEB	0.80	0.00	0.14	1.00	0.40	0.19	0.20	-0.52	0.07	1.29	0.22	0.22	0.11	-0.80	0.04	
W76AF2	0.66	-0.81	0.54	2.22	4.44X	7.75	0.39	1.03	1.21	1.16	-0.36	0.91	0.82	1.74	3.24	
YP87JG	0.77	-0.14	0.12	0.69	-0.64	0.05	0.09	-1.37	0.08	1.01	-0.99	0.04	0.12	-0.76	0.05	
ZGRPMZ	0.83	0.22	0.12	0.91	0.09	0.13	0.26	0.00	0.28	1.26	0.07	0.13	0.38	0.18	0.15	
ZTMQA3	0.73	-0.43	0.12	0.92	0.12	0.28	0.27	0.07	0.86	1.20	-0.19	0.24	0.24	-0.33	0.10	
ZVTCX3	1.09	1.74	0.27	0.90	0.06	0.18	0.35	0.75	0.32	1.26	0.06	0.29	0.85	1.82	0.06	



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	0.80	0.88	0.26	1.24	0.33	
Median Abs Dev	0.06	0.10	0.06	0.09	0.14	
Avg Within Lab SD	0.13	0.11	0.07	0.16	0.20	
Labs Included	21	21	21	21	22	
Labs Reporting	22	22	22	22	22	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	1.36	2.04	2.69	0.82	-0.28	0.68	0.52	-0.16	3.09	2.06	0.43	1.94	1.45	0.46	0.50	
3QBVGA	0.73	-1.03	0.88	0.63	-1.76	1.37	0.33	-1.41	1.62	1.73	-0.70	0.84	1.00	-1.35	1.24	
3TYEFL	0.93	-0.05	1.77	0.70	-1.22	0.00	0.40	-0.96	0.00	1.83	-0.35	0.84	1.30	-0.13	0.00	
46AYLZ	2.58	7.95X	0.00	0.94	0.71	0.00	0.48	-0.41	0.00	1.48	-1.58	0.00	0.72	-2.48	0.00	
4M7UPB	0.79	-0.77	0.23	0.85	-0.04	0.14	0.79	1.73	0.16	1.73	-0.70	0.84	1.28	-0.20	0.36	
6W8GD2	1.02	0.35	1.17	0.73	-1.00	0.49	0.54	0.00	0.56	2.00	0.23	1.45	1.47	0.54	0.71	
84ZJFP	0.72	-1.11	0.75	0.91	0.47	1.56	0.50	-0.25	0.43	2.09	0.54	1.52	1.09	-0.97	0.38	
8EKR3X	0.74	-0.98	0.09	0.83	-0.15	0.68	0.56	0.11	0.16	1.58	-1.22	0.42	1.23	-0.40	0.71	
9NLFUU	1.05	0.51	0.85	0.77	-0.66	0.41	0.45	-0.59	1.29	1.70	-0.82	0.44	1.37	0.14	0.52	
A9L3NX	1.04	0.48	0.13	0.86	0.10	0.35	0.49	-0.32	0.12	2.14	0.70	0.06	1.46	0.50	0.03	
ATCG3M	1.12	0.84	0.41	0.81	-0.35	0.28	0.54	0.00	0.15	1.90	-0.11	0.84	1.34	0.04	0.48	
E8Y8YJ	0.90	-0.22	1.53	1.00	1.19	2.37	0.70	1.09	0.00	2.00	0.23	1.45	1.27	-0.27	1.89	
EJAFZP	1.23	1.39	0.00	1.04	1.54	0.36	0.71	1.16	0.48	2.43	1.74	0.42	1.97	2.59	0.07	
ELDD9X	1.11	0.80	0.15	0.94	0.69	0.49	0.40	-0.93	0.43	1.96	0.08	0.80	1.17	-0.67	0.07	
F8RKXV	0.99	0.20	1.45	0.82	-0.28	2.60	0.54	-0.02	1.86	2.02	0.31	1.05	1.49	0.63	0.62	
F8TDTH	1.17	1.09	1.74	0.82	-0.27	0.60	0.56	0.15	0.70	2.13	0.69	2.00	1.45	0.48	0.47	
FBAMWN	1.22	1.34	1.20	1.08	1.83	1.72	0.65	0.72	0.07	2.25	1.09	1.45	1.68	1.40	0.46	
GGAGDM	1.22	1.34	0.81	0.96	0.87	0.00	0.81	1.82	0.16	2.65	2.50	1.54	2.21	3.55X	0.93	
GJMUHJ	1.02	0.35	0.65	0.88	0.24	1.15	0.62	0.55	1.42	2.30	1.29	1.41	1.35	0.06	0.66	
GMHRLG	0.89	-0.25	2.74	0.73	-0.95	0.49	0.40	-0.93	2.24	1.84	-0.31	1.27	1.40	0.28	1.41	
GW99D7	1.06	0.58	0.23	0.86	0.10	0.14	0.48	-0.41	0.00	1.89	-0.15	0.15	1.44	0.43	0.12	
JR3N2H	0.90	-0.21	0.21	0.94	0.70	0.55	2.45	13.06X	32.63	1.94	0.01	0.59	1.42	0.36	0.15	
KLE4VG	0.70	-1.19	0.40	0.78	-0.60	0.36	0.55	0.09	0.32	1.66	-0.94	0.47	1.10	-0.96	0.26	
LDYXHA	0.94	-0.02	0.67	0.98	1.03	0.95	0.72	1.23	1.48	1.73	-0.70	0.55	1.16	-0.69	0.14	
LKENXA	0.74	-0.99	0.00	0.72	-1.08	0.14	0.45	-0.61	0.00	1.51	-1.49	0.10	1.11	-0.92	0.07	
LMJD2J	0.67	-1.35	0.88	0.70	-1.22	0.00	0.50	-0.27		1.40	-1.85	0.00	0.97	-1.48	0.71	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
LNZ84E	13.67	61.88X	2.39	7.61	54.39X	0.22	3.86	22.62X	11.75	14.54	43.80X	9.41	24.78	94.86X	2.75
NL3UFC	0.95	0.02	0.54	0.88	0.24	1.09	0.69	1.04	0.20	2.17	0.83	0.49	1.32	-0.07	0.18
PJWQ3F	1.20	1.24	0.00	0.87	0.12	1.37	0.60	0.41	0.00	1.93	0.00	1.68	1.60	1.08	0.00
Q32UX3	0.80	-0.69	0.47	0.87	0.17	0.78	0.40	-0.94	0.83	2.08	0.50	2.40	1.16	-0.69	0.43
RAGT6M	0.99	0.20	0.62	0.77	-0.63	0.27	0.44	-0.68	0.56	1.64	-1.01	0.08	1.32	-0.04	0.19
RDYVA8	1.02	0.37	0.40	1.46	4.92X	0.96	0.53	-0.05	0.58	1.99	0.21	0.22	0.82	-2.06	0.07
TM3KB9	0.92	-0.12	0.40	0.78	-0.57	0.12	0.59	0.32	0.20	1.86	-0.25	0.54	1.40	0.28	0.13
WHVBLB	1.07	0.59	0.88	1.07	1.73	1.37	0.83	2.00	1.62	2.17	0.81	0.84	1.43	0.41	0.71
X6LRQ2	1.13	0.92	0.09	0.80	-0.41	0.41	0.59	0.32	0.58	1.87	-0.22	0.38	1.49	0.62	0.50
Y6YWL6	0.87	-0.35	0.90	0.85	-0.04	0.21	0.59	0.37	2.00	2.02	0.30	0.67	1.31	-0.09	0.77
YB88UY	1.26	1.52	0.43	0.99	1.15	0.14	0.62	0.54	0.50	2.19	0.88	0.72	1.48	0.60	0.65
YZ9LB7	0.93	-0.07	0.17	0.76	-0.74	0.07	0.34	-1.36	0.09	1.67	-0.92	0.50	1.21	-0.51	0.11
Z4NE3Y	0.92	-0.10	0.48	0.91	0.49	1.12	0.55	0.05	0.30	1.73	-0.69	0.12	1.31	-0.09	0.24
ZN8JL3	0.80	-0.70	1.53	0.80	-0.41	0.00	0.50	-0.27		1.87	-0.23	0.84	1.00	-1.35	
ZNPGVU	0.90	-0.22	1.10	0.86	0.04	2.82	0.03	-3.48X	1.08	1.94	0.02	0.77	1.47	0.55	5.08
ZVTCX3	0.86	-0.39	0.32	0.96	0.90	0.14	0.84	2.02	0.32	1.92	-0.03	0.22	1.36	0.11	0.25

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
Grand Median	0.94			0.85			0.54			1.93			1.33		
Median Abs Dev	0.12			0.08			0.08			0.20			0.12		
Avg Within Lab SD	0.07			0.04			0.04			0.07			0.08		
Labs Included	40			40			39			41			40		
Labs Reporting	42			42			42			42			42		



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	57.0	0.6	1.5	62.1	-0.2	2.7	10.2	-1.1	2.8	77.0	0.9	1.1	13.9	0.6	0.7	
3TYEFL	29.4	-1.2	0.4	61.0	-0.3	0.3	12.4	-0.1	0.4	67.9	0.1	0.3	10.6	-0.6	0.4	
4M7UPB	33.3	-0.9	0.5	60.9	-0.3	0.4	18.2	2.8	0.6	54.3	-1.0	0.8	11.9	-0.1	0.1	
6W8GD2	43.7	-0.2	0.4	62.0	-0.2	0.4	12.3	-0.1	0.6	72.3	0.5	0.4	11.3	-0.3	0.7	
84ZJFP	30.4	-1.1	0.6	61.7	-0.2	0.5	11.5	-0.5	0.3	66.6	0.0	0.5	9.4	-1.1	0.7	
8EKR3X	34.0	-0.9	0.6	62.3	-0.1	0.6	12.5	0.0	0.5	57.7	-0.7	0.7	10.7	-0.6	0.7	
9NLFUU	72.6	1.6	0.7	65.7	0.4	0.4	9.9	-1.3	0.2	57.5	-0.8	0.1	17.9	2.1	0.7	
ATCG3M	56.4	0.6	0.2	61.1	-0.3	0.3	12.3	-0.1	0.0	66.6	0.0	0.3	13.1	0.3	0.1	
E8Y8YJ	35.5	-0.8	0.4	65.5	0.3	0.0	13.3	0.4	0.1	57.1	-0.8	0.3	11.9	-0.1	0.4	
EJAFZP	53.2	0.4	0.4	63.2	0.0	0.1	14.4	0.9	0.3	73.2	0.6	0.2	14.3	0.8	0.3	
ELDD9X	52.3	0.3	0.3	73.8	1.6	0.1	11.2	-0.6	0.2	63.7	-0.2	0.2	8.3	-1.5	0.1	
F8RKXV	50.0	0.2	1.3	65.4	0.3	0.5	12.4	0.0	0.8	77.9	1.0	0.2	12.2	0.0	0.3	
F8TDTH	66.5	1.2	1.9	68.8	0.8	0.3	13.5	0.5	0.3	80.1	1.1	0.2	13.6	0.5	0.5	
FBAMWN	61.8	0.9	0.3	76.0	1.9	0.4	11.5	-0.5	0.2	68.7	0.2	0.2	14.6	0.9	0.6	
GGAGDM	47.3	0.0	0.8	63.4	0.0	0.4	13.1	0.3	0.2	74.1	0.6	0.4	15.5	1.2	0.5	
GJMUHJ	47.1	0.0	0.6	67.2	0.6	0.9	14.3	0.9	1.0	86.2	1.7	0.7	13.3	0.4	0.6	
GW99D7	77.4	1.9	0.2	80.6	2.6	0.2	14.1	0.8	0.1	73.9	0.6	0.1	16.2	1.5	0.2	
JR3N2H	45.6	-0.1	0.8	69.6	1.0	0.4	17.2	2.3	0.5	59.5	-0.6	0.6	13.9	0.6	0.2	
LDYXHA	31.4	-1.0	0.1	65.7	0.4	0.1	16.8	2.1	0.2	58.5	-0.7	0.2	10.1	-0.8	0.1	
LKENXA	34.7	-0.8	0.1	72.2	1.3	0.1	11.8	-0.3	0.2	59.7	-0.6	0.1	11.0	-0.5	0.0	
LMJD2J	37.0	-0.7	0.3	61.3	-0.3	0.1	13.0	0.2		52.3	-1.2	0.2	11.3	-0.3	0.7	
LNZ84E	56.1	0.5	4.0	54.4	-1.3	4.0	10.8	-0.8	4.4	47.8	-1.6	5.0	12.8	0.2	4.2	
NL3UFC	47.7	0.0	0.6	71.5	1.2	1.1	14.2	0.8	0.2	78.5	1.0	0.8	13.0	0.3	0.6	
PJWQ3F	52.3	0.3	1.6	64.7	0.2	0.7	12.3	-0.1	0.6	57.7	-0.7	1.1	13.3	0.4	1.5	
Q32UX3	29.2	-1.2	0.3	61.3	-0.3	0.0	9.2	-1.6	0.6	61.5	-0.4	0.5	8.7	-1.3	0.4	
RAGT6M	51.1	0.2	0.4	61.6	-0.2	0.2	11.0	-0.7	0.9	54.2	-1.0	0.2	12.6	0.1	0.1	



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RDYVA8	61.5	0.9	0.1	13.6	-7.4X	0.1	12.7	0.1	0.1	70.2	0.3	0.1	62.9	19.1X	0.1	
TM3KB9	59.7	0.8	0.7	68.5	0.8	0.4	13.5	0.5	0.5	75.3	0.7	0.5	14.4	0.8	0.3	
WHVBLB	32.0	-1.0	0.5	58.2	-0.8	0.6	12.3	-0.1	0.9	66.3	0.0	0.2	10.3	-0.7	0.6	
X6LRQ2	55.8	0.5	0.6	66.1	0.4	0.5	12.6	0.0	0.5	60.1	-0.5	0.4	13.4	0.5	0.5	
Y6YWL6	40.3	-0.5	1.5	61.7	-0.2	0.4	12.2	-0.1	0.5	74.0	0.6	1.2	11.4	-0.3	0.4	
YB88UY	69.8	1.4	0.6	71.6	1.3	0.0	13.0	0.3	0.6	62.9	-0.3	0.2	15.7	1.3	1.1	
YZ9LB7	42.3	-0.3	0.1	59.3	-0.6	0.1	9.5	-1.5	0.1	52.6	-1.2	0.2	10.9	-0.5	0.1	
Z4NE3Y	47.9	0.0	0.0	54.0	-1.4	0.3	15.1	1.3	0.0	47.2	-1.6	0.1	11.4	-0.3	0.2	
ZN8JL3	35.5	-0.8	0.5	62.4	-0.1	0.4	12.6	0.0	0.5	68.2	0.2	0.5	8.5	-1.4	0.3	
ZNPGVU	38.1	-0.6	1.0	53.5	-1.5	2.4	1.2	-5.5X	0.1	69.8	0.3	1.3	11.1	-0.4	2.7	

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	47.5			63.2			12.5			66.4			12.2			
Median Abs Dev	10.0			2.5			1.0			7.7			1.5			
Avg Within Lab SD	2.9			4.6			0.9			3.8			0.8			
Labs Included	36			35			35			36			35			
Labs Reporting	36			36			36			36			36			



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups																Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2A2UY2	62.2	0.5	0.8	24.9	0.5	1.0	8.9	-0.6	1.3	73.9	0.5	1.3	138.7	0.5	0.6			
3QBVGA	38.5	-1.3	0.3	17.3	-1.1	0.3	6.9	-1.1	0.4	54.7	-1.0	0.4	94.4	-0.8	0.4			
3TYEFL	51.3	-0.3	0.9	21.7	-0.2	0.3	14.0	0.5	0.8	62.7	-0.4	0.8	128.0	0.2	0.7			
4M7UPB	74.0	1.4	0.2	27.7	1.0	0.7	24.8	3.0	1.7	75.0	0.6	0.5	177.3	1.6	1.2			
6W8GD2	53.7	-0.2	0.1	20.3	-0.5	0.6	9.6	-0.5	0.4	56.3	-0.9	0.4	113.3	-0.3	0.9			
84ZJFP	40.4	-1.2	0.6	14.1	-1.7	0.2	9.4	-0.5	0.1	43.6	-1.9	0.3	88.4	-1.0	0.8			
8EKR3X	49.2	-0.5	0.1	19.3	-0.7	0.3	11.7	0.0	0.4	69.7	0.1	0.6	115.0	-0.2	0.8			
9NLFUU	65.8	0.8	0.3	22.2	-0.1	0.2	11.0	-0.2	0.3	67.2	-0.1	0.6	139.4	0.5	0.1			
ATCG3M	56.6	0.1	0.3	22.1	-0.1	0.4	13.9	0.5	0.5	57.5	-0.8	0.2	112.0	-0.3	0.2			
E8Y8YJ	44.6	-0.9	0.6	25.0	0.5	0.1	11.6	0.0	0.2	69.0	0.1	0.0	115.9	-0.2	0.2			
EJAFZP	72.3	1.3	0.2	28.3	1.1	0.3	18.5	1.5	0.1	87.8	1.6	0.7	219.3	2.8	0.2			
ELDD9X	50.3	-0.4	0.1	20.0	-0.5		7.3	-1.0	0.4	50.0	-1.4	0.3	82.0	-1.2				
F8RKXV	54.0	-0.1	0.3	20.7	-0.4	0.5	10.2	-0.3	0.2	63.7	-0.3	1.0	122.2	0.0	0.2			
F8TDTH	88.8	2.5	1.1	25.0	0.5	0.7	15.3	0.8	0.7	81.8	1.1	1.2	168.1	1.3	0.4			
FBAMWN	59.6	0.3	0.3	27.7	1.0	0.4	13.9	0.5	0.3	71.0	0.2	0.4	120.2	-0.1	0.4			
GGAGDM	101.7	3.5X	0.3	8.7	-2.8	0.2	30.4	4.2X	4.4	58.0	-0.8	0.4	301.7	5.1X	2.3			
GJMUHJ	64.9	0.7	1.0	24.3	0.3	0.3	11.3	-0.1	0.9	76.9	0.7	0.2	125.9	0.1	0.7			
GMHRLG	55.8	0.0	0.2	19.0	-0.7	0.2	10.6	-0.2	0.2	69.4	0.1	0.4	121.1	0.0	0.1			
GW99D7	68.8	1.0	0.3	23.7	0.2	0.0	10.5	-0.3	0.0	68.7	0.1	0.1	143.3	0.6	0.1			
JR3N2H	49.2	-0.5	0.4	27.3	0.9	0.5	19.1	1.7	1.1	73.6	0.4	0.6	135.0	0.4	0.3			
LDYXHA	45.1	-0.8	0.2	23.9	0.2	0.1	15.6	0.9	0.6	70.3	0.2	0.2	94.3	-0.8	0.2			
LKENXA	53.6	-0.2	0.1	25.1	0.5	0.0	14.9	0.7	0.0	65.6	-0.2	0.1	58.7	-1.8	0.0			
LMJD2J	46.0	-0.8	0.2	27.0	0.9		13.0	0.3		72.0	0.3	0.3	128.7	0.2	0.2			
LNZ84E	60.2	0.3	0.2	25.0	0.5	0.6	14.1	0.5	3.4	69.6	0.1	0.2	141.5	0.5	0.6			
NL3UFC	47.2	-0.7	0.5	24.4	0.4	0.7	12.7	0.2	0.7	71.5	0.3	1.7	118.3	-0.1	0.7			
PJWQ3F	69.3	1.0	1.2	25.0	0.5	0.5	13.7	0.5	2.9	71.7	0.3	1.1	136.7	0.4	1.2			



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups															Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
Q32UX3	50.2	-0.4	0.6	28.3	1.1	0.8	8.0	-0.8	0.5	79.1	0.9	1.2	122.9	0.0	0.7		
RAGT6M	56.6	0.1	1.0	19.5	-0.6	0.1	8.2	-0.8	0.5	51.7	-1.3	0.1	137.9	0.4	4.5		
RDYVA8	57.5	0.1	0.2	133.3	21.8X	1.9	12.8	0.3	0.1	69.1	0.1	0.0	23.7	-2.8	0.0		
TM3KB9	77.9	1.7	0.1	27.5	1.0	0.2	14.2	0.6	0.1	87.6	1.5	0.2	153.9	0.9	0.2		
WHVBLB	60.6	0.4	1.6	22.6	0.0	0.1	11.8	0.0	1.4	58.1	-0.8	0.6	155.2	0.9	1.9		
X6LRQ2	58.3	0.2	0.3	21.3	-0.3	0.3	13.3	0.4	0.4	62.0	-0.5	0.6	125.0	0.1	0.4		
Y6YWL6	44.2	-0.9	0.2	19.3	-0.7	0.6	9.6	-0.5	0.5	58.4	-0.7	1.0	115.0	-0.2	1.5		
YB88UY	42.0	-1.1	0.2	20.0	-0.5	0.2	7.9	-0.9	0.1	50.3	-1.4	0.1	86.7	-1.0	0.2		
YZ9LB7	50.1	-0.4	0.5	18.4	-0.8	0.1	7.0	-1.0	0.2	46.1	-1.7	0.1	96.9	-0.7	0.2		
Z4NE3Y	58.7	0.2	0.0	26.1	0.7	0.4	15.7	0.9	0.3	64.8	-0.3	0.1	137.7	0.4	0.3		
ZN8JL3	40.1	-1.2	0.2	19.6	-0.6	0.3	9.8	-0.4	0.6	57.8	-0.8	0.2	88.4	-1.0	0.5		
ZNPGVU	60.8	0.4	5.1	16.1	-1.3	5.3	2.9	-2.0	1.7	51.4	-1.3	4.8	295.8	5.0X	51.9		

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups						Data units: mg/kg		
	SRS1811		SRS1812		SRS1813		SRS1814	
Grand Median	55.8		22.6		11.7		68.0	
Median Abs Dev	6.7		2.6		2.3		6.5	
Avg Within Lab SD	5.4		2.1		1.3		3.6	
Labs Included	37		37		37		38	
Labs Reporting	38		38		38		38	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	0.68	0.85	0.93	2.14	-0.11	2.09	0.40	-0.48	2.36	1.48	0.62	1.79	0.89	0.42	0.48	
3QBVGA	0.40	-1.03	0.00	1.73	-1.58	0.64	0.33	-0.85	1.50	1.27	-0.28	0.97	0.67	-0.75	0.61	
3TYEFL	0.40	-1.03	0.00	1.97	-0.73	0.64	0.40	-0.46	0.00	1.33	0.00	0.97	0.83	0.12	0.61	
4M7UPB	0.58	0.22	0.76	2.47	1.09	2.79	1.12	3.83X	1.88	1.34	0.04	1.27	1.04	1.23	0.43	
6W8GD2	0.60	0.33	1.21	2.13	-0.12	0.64	0.46	-0.12	0.40	1.43	0.42	0.97	0.93	0.65	0.81	
84ZJFP	0.38	-1.14	0.67	2.27	0.36	1.40	0.42	-0.36	0.40	1.44	0.43	0.49	0.62	-1.00	0.42	
8EKR3X	0.46	-0.62	0.46	2.03	-0.49	0.64	0.49	0.06	0.30	1.33	0.00	0.97	0.78	-0.14	0.30	
9NLFUU	0.65	0.69	0.55	2.03	-0.51	0.56	0.42	-0.34	0.26	1.16	-0.71	0.97	0.88	0.35	0.58	
ATCG3M	0.53	-0.12	0.08	1.93	-0.85	0.16	0.32	-0.91	0.08	1.32	-0.07	0.43	0.61	-1.03	0.22	
E8Y8YJ	0.43	-0.80	1.53	2.40	0.85	1.11	0.50	0.14		1.30	-0.14	0.00	0.77	-0.23	0.61	
EJAFZP	0.74	1.30	1.46	2.54	1.35	0.32	0.71	1.37	0.84	1.77	1.80	0.64	1.33	2.75	0.40	
ELDD9X	0.62	0.49	0.31	4.58	8.80X	19.13	0.36	-0.67	0.54	1.23	-0.42	0.39	0.66	-0.77	0.06	
F8RKXV	0.53	-0.12	0.55	2.04	-0.47	0.34	0.41	-0.40	0.45	1.32	-0.07	0.59	0.75	-0.33	0.40	
F8TDTH	0.72	1.14	1.89	2.42	0.92	1.35	0.49	0.08	0.37	1.70	1.52	1.75	0.85	0.22	0.21	
FBAMWN	0.69	0.92	1.15	2.33	0.59	0.93	0.62	0.83	1.53	1.24	-0.40	0.66	0.85	0.20	0.22	
GGAGDM	0.66	0.71	0.85	2.28	0.41	0.29	0.77	1.75	0.26	1.76	1.77	0.74	1.24	2.26	0.38	
GJMUHJ	0.50	-0.33	0.20	2.42	0.93	0.44	0.61	0.78	0.93	1.71	1.57	0.60	0.85	0.23	0.34	
GMHRLG	0.59	0.28	0.15	12.25	36.75X	0.61	0.35	-0.75	0.52	1.22	-0.46	0.83	3.88	16.14X	0.97	
GW99D7	0.49	-0.44	0.15	2.19	0.10	0.13	0.28	-1.17	0.00	1.14	-0.82	0.35	0.76	-0.25	0.06	
JR3N2H	0.52	-0.22	0.69	2.63	1.69	0.95	0.82	2.06	3.72	1.34	0.02	1.12	0.95	0.75	0.28	
LDYXHA	0.38	-1.16	0.26	1.68	-1.76	0.42	0.72	1.45	0.00	1.10	-0.98	0.35	0.69	-0.63	0.11	
LKENXA	0.45	-0.69	0.00	2.13	-0.13	0.00	0.43	-0.28	0.00	1.13	-0.83	0.10	0.79	-0.12	0.06	
LMJD2J	0.60	0.33	2.64	2.10	-0.24	1.11	0.70	1.33	0.00	1.13	-0.83	0.97	0.73	-0.40	0.61	
LNZ84E	0.75	1.36	2.68	2.37	0.74	1.43	0.63	0.94	1.69	1.55	0.90	1.77	0.92	0.56	2.55	
NL3UFC	0.53	-0.13	1.02	2.29	0.47	1.37	0.48	0.04	0.78	1.63	1.25	1.65	0.69	-0.61	0.43	
PJWQ3F	0.67	0.78	1.53	2.36	0.72	0.57	0.47	-0.02	0.49	1.31	-0.09	1.28	0.84	0.14	0.46	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups															Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
Q32UX3	0.45	-0.66	0.29	2.29	0.46	1.88	0.39	-0.53	0.40	1.50	0.71	3.04	0.71	-0.54	0.24		
RAGT6M	0.54	-0.05	0.31	2.08	-0.32	0.38	0.37	-0.63	0.45	0.98	-1.47	0.17	0.76	-0.28	0.30		
RDYVA8	0.68	0.87	0.26	0.96	-4.38X	0.32	0.58	0.62	0.52	1.60	1.09	0.39	2.33	8.00X	0.40		
TM3KB9	0.67	0.82	0.65	2.48	1.14	0.52	0.53	0.31	0.34	1.73	1.67	0.18	0.88	0.38	0.07		
WHVBLB	0.50	-0.35		2.13	-0.12	1.28	0.50	0.14		1.43	0.42	0.97	0.70	-0.58	0.00		
X6LRQ2	0.70	1.01	0.00	2.17	0.00	0.64	0.50	0.14		1.33	0.00	0.97	0.90	0.47	0.00		
Y6YWL6	0.41	-0.95	0.55	2.01	-0.56	0.17	0.38	-0.56	0.83	1.28	-0.22	0.74	0.69	-0.64	0.46		
YB88UY	0.72	1.15	0.95	2.60	1.58	0.34	0.48	0.02	0.86	1.60	1.13	0.33	0.89	0.43	0.17		
YZ9LB7	0.45	-0.66	0.09	2.04	-0.45	0.10	0.26	-1.28	0.15	1.06	-1.15	0.14	0.66	-0.81	0.08		
Z4NE3Y	0.70	1.03	0.20	1.93	-0.85	0.56	0.81	1.97	0.29	1.31	-0.08	0.22	1.02	1.08	0.10		
ZN8JL3	0.43	-0.80	1.53	1.97	-0.73	0.64	0.40	-0.46	0.00	1.20	-0.55	0.00	0.53	-1.45	0.61		
ZNPGVU	0.56	0.05	0.52	2.22	0.20	1.03	0.04	-2.58X	0.45	1.50	0.71	0.03	1.09	1.49	4.93		

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups															Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
Grand Median	0.55			2.17			0.48			1.33			0.81				
Median Abs Dev	0.10			0.15			0.09			0.14			0.10				
Avg Within Lab SD	0.04			0.09			0.04			0.06			0.09				
Labs Included	38			35			36			38			36				
Labs Reporting	38			38			38			38			38				



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Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg				
														SRS1815				
SRS1811				SRS1812				SRS1813				SRS1814						
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
9NLFUU	3.74		1.00	0.54		1.00	1.83		1.00	3.11		1.00	4.01		1.00			

Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups														Data units: mg/kg				
														SRS1815				
SRS1811				SRS1812				SRS1813				SRS1814						
Grand Median	3.74			0.54			1.83			3.11			4.01					
Median Abs Dev																		
Avg Within Lab SD	0.12			0.03			0.16			0.21			0.21					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups															Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2A2UY2	13.6	-0.1	0.9	18.6	-0.9	1.7	2.7	-0.6	0.2	7.3	-0.1	0.4	5.1	-0.3	0.2		
6W8GD2	14.3	0.0	0.3	18.3	-1.0	0.4	5.7	1.0	1.6	7.6	0.1	0.4	6.6	0.3	0.9		
8EKR3X	11.7	-0.6	0.2	21.7	0.0	0.2	3.3	-0.2	0.4	6.7	-0.3	0.4	5.7	-0.1	0.4		
E8Y8YJ	10.9	-0.8	0.4	21.4	0.0	1.3	2.9	-0.5	0.9	5.8	-0.7	0.4	4.6	-0.5	1.6		
ELDD9X	16.0	0.5	0.2	21.9	0.1	0.1	3.3	-0.3	0.1	6.8	-0.3	0.0	6.2	0.2	0.1		
GJMUHJ	13.6	-0.1	0.3	24.9	1.0	0.4	4.2	0.2	0.5	10.3	1.1	0.1	5.8	0.0	0.6		
MDDLHG	18.0	1.0	2.8	23.7	0.6	0.4	8.0	2.3	2.6	11.7	1.7	2.1	20.3	6.5X	22.8		
RAGT6M	14.5	0.1	0.2	20.9	-0.2	0.5	3.8	0.0	0.3	8.4	0.4	1.9	4.9	-0.4	0.1		
Z4NE3Y	22.5	2.1	0.6	28.1	2.0	0.6	6.0	1.2	0.4	9.2	0.7	0.5	11.2	2.4	1.0		
ZN8JL3	12.4	-0.4	0.6	20.8	-0.2	0.5	4.2	0.3	0.2	7.0	-0.2	0.2	4.3	-0.7	0.3		
ZNPGVU	14.0	0.0	1.1	21.3	-0.1	1.6	2.3	-0.8	0.3	6.9	-0.2	0.8	5.8	0.0	2.0		
ZTMQA3	23.0	2.2	0.8	27.7	1.9	1.9	15.1	6.2X	0.4	13.8	2.5	1.5	11.3	2.5	1.5		

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups															Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
Grand Median	14.1			21.5			3.77			7.45			5.82				
Median Abs Dev	1.8			1.4			0.90			0.87			0.78				
Avg Within Lab SD	1.8			1.4			0.66			1.35			0.71				
Labs Included	12			12			11			12			11				
Labs Reporting	12			12			12			12			12				



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B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups															Data units: mg/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2A2UY2	1.02	0.76	0.43	0.58	0.30	0.77	0.28	0.44	2.10	1.14	-0.01	2.00	0.24	0.69			
7UXQMX	0.80	-0.19	1.10	0.64	0.67	0.41	0.27	0.39	0.54	1.47	0.90	0.43	0.21	0.16	0.36		
AGZ24U	0.97	0.56	0.44	0.62	0.50	1.74	0.30	0.84	0.40	1.25	0.28	0.21	0.19	0.00	0.84		
BADHFK	0.89	0.20	0.28	0.54	0.05	0.34	0.25	-0.02		1.40	0.71	0.49	0.18	-0.27	0.21		
F8TDTH	0.86	0.06	1.41	0.69	0.98	0.71	0.20	-1.04	1.65	1.21	0.18	2.43	0.16	-0.46	0.47		
GJMUHJ	0.60	-1.05	0.22	0.46	-0.49	0.69	0.21	-0.74	0.53	0.64	-1.45	0.71	0.16	-0.59	0.17		
H3N99A	0.96	0.52	0.92	0.55	0.09	1.90	0.27	0.28	2.40	1.32	0.48	0.36	0.19	-0.07	0.94		
JR3N2H	0.60	-1.07	0.57	0.43	-0.66	0.20	0.23	-0.36	0.47	1.04	-0.32	0.05	0.12	-1.20	0.25		
JZ24WG	1.02	0.74	0.10	0.86	2.04	0.26	0.36	2.02	0.09	1.34	0.54	0.13	0.29	1.50	0.36		
LDYXHA	0.43	-1.79	0.25	0.40	-0.85	0.00	0.13	-2.31	0.34	0.53	-1.74	0.14	0.32	1.90	0.00		
LMJD2J	0.70	-0.62	0.00	0.53	-0.01	1.27	0.30	0.90	0.00	0.80	-0.98	1.41	0.20	0.08	0.00		
LNZ84E	0.68	-0.72	1.08	0.32	-1.35	0.88	0.27	0.41	1.49	0.70	-1.27	1.27	0.25	0.89	3.80		
NPLTMF	0.85	0.03	1.14	0.45	-0.51	2.11	0.24	-0.21	0.59	1.23	0.24	0.43	0.19	-0.12	0.74		
P37RT9	0.80	-0.19	0.64	0.40	-0.86	1.88				1.06	-0.25	1.98					
Q32UX3	0.72	-0.53	0.68	0.45	-0.55	0.33	0.25	0.00	0.80	1.30	0.43	0.85	0.17	-0.38	0.68		
TM3KB9	0.99	0.63	1.39	0.58	0.30	0.22	0.25	0.00	0.73	1.36	0.59	0.48	0.22	0.36	0.02		
X6LRQ2	0.84	-0.03	0.09	0.44	-0.58	0.13	0.23	-0.46	0.34	0.91	-0.68	0.45	0.16	-0.57	0.21		
YB88UY	1.07	0.99	3.10	0.54	0.01	0.75	0.27	0.37	0.10	1.15	0.01	0.06	0.26	0.95	0.43		
Z4NE3Y	1.08	1.01	0.29	0.88	2.17	0.16	0.19	-1.14	0.22	1.00	-0.42	0.33	0.15	-0.73	0.17		
ZVTCX3	0.42	-1.80	0.19	0.45	-0.51	0.55	0.20	-0.89	0.34	0.44	-1.99	0.08	0.32	1.90	0.36		

B - Hot Wat. (SubTestCode 177) in the Micronutrients Property Groups					Data units: mg/kg	
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	0.84	0.54	0.25	1.15	0.19	
Median Abs Dev	0.15	0.08	0.02	0.18	0.04	
Avg Within Lab SD	0.06	0.05	0.02	0.07	0.03	
Labs Included	20	20	19	20	19	
Labs Reporting	20	20	19	20	19	



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups															Data units: mg/kg	
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3QBVGA	0.28	-1.28	0.32	0.35	-0.60	0.14	0.02	-0.97	0.18	0.29	-0.72	0.55	0.05	-1.21	0.09	
3TYEFL	0.44	0.00	0.39	0.37	-0.36	0.34	0.06	-0.32	0.18	0.36	0.13	0.66	0.28	0.40	0.20	
6W8GD2	0.50	0.48	0.23	0.42	0.08	0.39	0.07	-0.09	0.41	0.34	-0.13	0.66	0.13	-0.68	1.33	
84ZJFP	0.33	-0.86	0.55	0.46	0.43	0.91	0.07	0.00	0.36	0.35	0.00	0.91	0.09	-0.90	0.20	
8EKR3X	0.30	-1.10	0.00	0.31	-1.00	0.26	0.11	0.71	0.31	0.31	-0.42	0.50	0.30	0.54	0.52	
E8Y8YJ	0.44	0.00	0.09	0.53	1.13	0.22	0.12	0.84	0.18	0.43	1.02	0.66	0.25	0.20	0.20	
ELDD9X	1.10	5.31X	0.23	1.13	6.84X	0.39	0.14	1.29	0.83	0.63	3.56X	1.09	0.03	-1.31	0.40	
PJWQ3F	0.52	0.65	0.59	0.37	-0.38	0.20	0.09	0.37	0.87	0.24	-1.38	0.48	0.09	-0.95	0.20	
RAGT6M	0.52	0.70	0.23	0.48	0.65	0.39	0.07	0.00	0.18	0.38	0.38	0.66	0.39	1.16	2.33	
WHVBLB	0.50	0.51	1.53	0.60	1.79	2.24	0.20	2.45	3.14	0.47	1.52	2.51	0.23	0.06	1.98	
YZ9LB7	0.49	0.39	0.15	0.40	-0.08	0.13	0.03	-0.85	0.04	0.31	-0.49	0.34	0.22	-0.06	0.04	
ZN8JL3	0.41	-0.21	0.55	0.44	0.24	0.47	0.06	-0.19	0.36	0.44	1.23	1.09	0.31	0.61	0.52	
ZNPGVU	0.20	-1.91	2.88	0.27	-1.35	2.31	-0.22	-5.59X	0.50	0.19	-2.05X	5.63	-0.02	-1.68X	9.33	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups					Data units: mg/kg
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815
Grand Median	0.44	0.41	0.073	0.35	0.22
Median Abs Dev	0.07	0.05	0.028	0.04	0.09
Avg Within Lab SD	0.07	0.04	0.032	0.02	0.03
Labs Included	12	12	12	11	12
Labs Reporting	13	13	13	13	13



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups															Data units: Percent		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2A2UY2	0.27	-0.07	0.80	0.19	0.18	1.65	0.08	-0.11	0.46	0.29	0.98	0.90	0.34	0.07	1.25		
84ZJFP	0.26	-0.50	0.52	0.19	-0.06	0.85	0.07	-1.60	0.00	0.27	-0.02	0.47	0.34	0.03	0.32		
9FQGYE	0.27	0.12	1.09	0.19	-0.08	0.17	0.09	1.12	1.12	0.26	-0.94	0.03	0.33	-0.68	0.29		
E8Y8YJ	0.25	-0.74	2.27	0.18	-0.89	1.81	0.08	0.21	0.46	0.26	-0.90	1.38	0.34	-0.03	1.52		
ELDD9X	0.28	0.46	0.79	0.19	0.38	0.55	0.09	1.44	0.68	0.28	0.49	0.38	0.36	0.57	0.76		
F8TDTH	0.22	-2.44	0.31	0.16	-2.16	0.67	0.08	-0.17	2.41	0.27	0.02	2.20	0.27	-2.90	1.79		
GW99D7	0.29	1.01	0.09	0.21	1.59	0.37	0.08	0.11	0.08	0.29	1.41	0.11	0.37	1.01	0.40		
PJWQ3F	0.27	0.07	0.15	0.19	0.06	0.61	0.08	-0.64	0.23	0.26	-0.64	0.27	0.34	-0.10	0.00		

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups															Data units: Percent		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
Grand Median	0.27			0.19			0.080			0.27			0.34				
Median Abs Dev	0.01			0.00			0.003			0.01			0.01				
Avg Within Lab SD	0.01			0.01			0.008			0.02			0.02				
Labs Included	8			8			8			8			8				
Labs Reporting	8			8			8			8			8				



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	0.27	-0.50	0.62	0.20	0.00	0.33	0.08	0.01	0.14	0.30	0.39	1.17	0.35	-0.28	0.54	
3QBVGA	0.29	0.66	0.59	0.22	0.82	0.00	0.10	1.12	0.00	0.31	0.83	0.00	0.39	1.33	0.42	
3TYEFL	0.30	0.91	0.41	0.22	0.71	0.15	0.09	0.48	0.44	0.30	0.53	0.55	0.39	1.27	0.11	
6AULMJ	0.28	0.00	0.00	0.17	-1.22	0.00	0.08	-0.01	0.00	0.25	-1.44	0.83	0.35	-0.52	1.66	
84ZJFP	0.27	-0.50	1.03	0.18	-0.82	0.72	0.07	-0.57	0.00	0.27	-0.72	0.83	0.36	-0.06	0.42	
AL9CCN	0.28	0.00	0.00	0.20	-0.14	0.42	0.11	1.49	0.54	0.24	-1.56	0.83	0.35	-0.37	0.00	
ELDD9X	0.30	1.11	0.12	0.22	0.76	0.29	0.10	1.23	0.16	0.30	0.29	0.66	0.39	1.70	0.23	
F8RKXV	0.25	-1.43	0.26	0.18	-0.65	0.76	0.04	-2.15	1.16	0.26	-1.10	0.43	0.33	-1.30	1.75	
GJMUHJ	0.27	-0.58	0.05	0.20	0.17	0.04	0.08	-0.14	0.15	0.29	0.00	0.18	0.35	-0.15	0.03	
JZ24WG	0.27	-0.48	0.26	0.16	-1.74	0.35	0.07	-0.40	0.09	0.28	-0.12	1.34	0.37	0.34	0.74	
NB2BUC	0.27	-0.55	0.15	0.18	-0.88	0.05	0.07	-0.43	0.33	0.24	-1.62	1.33	0.36	-0.05	0.51	
NL3UFC	0.29	0.40	0.35	0.20	0.15	0.85	0.08	0.15	0.29	0.29	0.03	1.53	0.38	0.98	0.42	
PJWQ3F	0.32	1.99	3.70	0.20	0.00	3.74	0.08	0.18	2.69	0.30	0.35	2.21	0.39	1.33	3.00	
VAJUEB	0.26	-1.03	0.65	0.17	-1.11	0.64	0.06	-1.10	0.30	0.26	-0.86	1.08	0.35	-0.15	0.43	
YB88UY	0.12	-8.11X	2.42	0.07	-5.15X	1.25	0.10	0.92	2.84	0.11	-6.40X	1.64	0.08	-12.99X	1.62	
YP87JG	0.28	0.17	0.59	0.16	-1.50	0.42	0.06	-0.95	0.54	0.26	-0.96	0.00	0.38	0.86	0.42	
ZN8JL3	0.29	0.73	0.46	0.22	0.78	0.12	0.09	0.70	0.43	0.30	0.35	0.73	0.37	0.77	0.21	
ZTMQA3	0.27	-0.43	0.21	0.20	0.03	0.29	0.08	-0.12	0.09	0.30	0.31	0.33	0.36	0.00	0.29	

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	0.28			0.20			0.080			0.29			0.36			
Median Abs Dev	0.01			0.02			0.009			0.01			0.01			
Avg Within Lab SD	0.01			0.01			0.011			0.01			0.01			
Labs Included	17			17			18			17			17			
Labs Reporting	18			18			18			18			18			



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	3.00	-0.12	1.90	1.94	-0.24	1.10	1.06	0.88	0.23	3.36	0.57	0.49	4.38	-0.38	0.52	
3QBVGA	3.14	1.96	0.51	2.15	1.44	0.49	1.04	0.41	0.36	3.53	1.32	0.11	4.68	1.35	0.07	
3TYEFL	3.00	-0.17	1.86	2.03	0.45	1.59	0.98	-1.02	1.29	3.34	0.45	1.24	4.60	0.87	0.30	
6AULMJ	3.02	0.12	0.33	1.70	-2.16	0.73	1.02	0.00	1.41	2.82	-1.91	0.32	4.15	-1.66	3.34	
AL9CCN	2.99	-0.32	0.67	1.96	-0.11	1.49	1.05	0.51	0.83	2.99	-1.12	0.49	4.52	0.42	0.40	
ATCG3M	3.01	0.00	1.23	2.03	0.48	0.78	1.00	-0.54	0.72	3.29	0.23	0.08	4.43	-0.07	0.07	
ELDD9X	3.01	0.00	0.55	2.07	0.83	0.12	1.12	2.22	0.37	3.19	-0.20	0.12	4.45	0.04	0.19	
F8RKXV	3.02	0.17	1.51	2.02	0.42	2.06	1.00	-0.43	2.00	3.27	0.14	2.55	4.37	-0.41	0.15	
GJMUHJ	3.00	-0.10	0.10	1.87	-0.77	0.19	1.01	-0.34	0.02	3.23	-0.04	0.57	4.45	0.00	0.21	
JZ24WG	3.25	3.53	0.20	1.90	-0.58	0.30	1.06	0.71	0.81	3.13	-0.48	0.54	4.86	2.35	0.29	
KFQG3W	2.50	-7.64X	0.61	1.62	-2.76X	1.06	0.86	-3.51X	0.02	2.63	-2.76X	0.17	3.85	-3.39X	0.19	
NB2BUC	2.97	-0.58	0.83	1.85	-0.99	0.22	1.01	-0.35	1.22	2.77	-2.16	1.91	4.37	-0.41	0.91	
VAJUEB	3.01	0.03	0.40	2.01	0.30	0.99	1.03	0.14	1.18	3.24	0.00	0.32	4.48	0.18	0.52	
ZTMQA3	2.90	-1.64	0.28	1.97	0.00	0.50	0.97	-1.22	0.55	3.27	0.14	0.09	4.34	-0.62	0.08	

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Grand Median	3.01			1.97			1.02			3.24			4.45		
Median Abs Dev	0.01			0.06			0.02			0.10			0.07			
Avg Within Lab SD	0.03			0.03			0.02			0.06			0.10			
Labs Included	13			13			13			13			13			
Labs Reporting	14			14			14			14			14			



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	5.15	-0.41	0.16	3.42	0.08	1.72	1.70	-0.40	0.51	6.02	0.67	1.52	7.81	-0.24	1.24	
3TYEFL	5.50	0.10		3.40	0.03	2.50	1.87	0.11	0.64	6.23	0.94	0.67	8.03	0.09	1.14	
8EKR3X	5.70	0.40	0.44	3.62	0.60	0.27	6.20	13.08X	1.11	5.63	0.17	0.34	8.80	1.21	0.75	
9FQGYE	5.26	-0.26	0.23	3.39	0.00	0.31	1.62	-0.63	0.21	6.02	0.66	0.19	8.15	0.26	0.23	
9NLFUU	4.95	-0.71	0.20	3.17	-0.57	0.05	1.66	-0.51	0.00	5.11	-0.50	0.00	7.98	0.02	0.06	
ELDD9X	5.77	0.50	0.09	3.74	0.91	1.23	1.92	0.27	1.28	5.77	0.35	0.62	7.96	-0.02	0.69	
F8TDTH	5.77	0.51	1.77	3.41	0.06	0.33	2.91	3.23	3.11	5.50	0.00	1.21	8.00	0.04	0.71	
GGAGDM	6.23	1.19	3.49	3.90	1.34	0.94	2.73	2.70	1.70	2.37	-4.00X	0.34	7.80	-0.25	2.82	
GW99D7	6.05	0.92	0.39	4.57	3.10X	1.19	1.67	-0.48	0.11	5.80	0.38	0.45	8.99	1.49	0.28	
K3HX62	5.27	-0.23	0.14	3.35	-0.10	0.28	1.99	0.49	0.39	5.27	-0.29	0.15	7.24	-1.07	0.21	
KMNBZV	8.45	4.47X	3.57	2.57	-2.15	0.63	1.89	0.19	0.87	7.36	2.37	1.52	8.97	1.47	1.80	
LMJD2J	3.37	-3.05	0.25	2.60	-2.08	0.00	1.80	-0.09	0.00	3.87	-2.09	0.34	5.17	-4.11X	0.22	
LNZ84E	4.56	-1.29	0.25	3.41	0.05	1.53	2.12	0.87	0.78	5.84	0.43	2.84	7.77	-0.30	0.26	
PJWQ3F	5.03	-0.59	1.04	3.02	-0.97	0.50	1.60	-0.70	1.07	5.09	-0.53	0.99	7.68	-0.43	0.71	
VAJUEB	4.98	-0.67	0.22	2.84	-1.45	0.84	1.60	-0.70	0.36	4.83	-0.85	0.29	8.02	0.08	0.28	
X6LRQ2	5.48	0.07	0.30	3.31	-0.22	0.47	1.81	-0.05	0.23	5.21	-0.37	0.20	7.08	-1.31	0.34	
XK3QV2	5.96	0.79	0.15	3.74	0.91	1.20	2.06	0.68	0.28	4.92	-0.74	1.07	6.07	-2.79	0.06	
YB88UY	5.54	0.16	0.84	3.49	0.26	0.81	1.98	0.44	0.35	5.36	-0.17	0.40	7.34	-0.92	0.67	
YZ9LB7	4.78	-0.96	0.35	3.04	-0.93	0.14	1.74	-0.28	0.19	4.73	-0.98	0.35				
ZTMQA3	5.43	0.00	0.00	3.35	-0.10		1.83	0.00		5.76	0.33		8.09	0.17		

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	5.43			3.39			1.83			5.50			7.97			
Median Abs Dev	0.34			0.22			0.16			0.39			0.19			
Avg Within Lab SD	0.23			0.11			0.09			0.17			0.27			
Labs Included	19			19			19			19			18			
Labs Reporting	20			20			20			20			19			



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	1.44	-12.30X	0.00	1.32	-7.36X	0.00	2.78	-8.57X	0.00	4.85	-2.39X	0.00	2.36	-12.03X	0.00	
4M7UPB	5.33	-1.89	0.56	3.92	-0.65	0.25	5.50	-2.97	1.52	5.33	-1.47	0.42	9.55	-1.28	0.59	
6AULMJ	6.33	0.79	1.12	4.50	0.85	1.51	7.13	0.39	1.01	6.43	0.60	1.66	10.80	0.59	0.89	
6W8GD2	6.03	-0.02	1.48	4.10	-0.18	1.75	6.87	-0.16	1.01	6.07	-0.09	1.10	10.00	-0.60		
84ZJFP	5.26	-2.09	0.61	3.49	-1.75	0.20	5.84	-2.27	0.58	5.52	-1.13	1.17	9.13	-1.90	0.37	
8EKR3X	6.13	0.25	0.56	4.27	0.25	0.50	7.33	0.80	0.51	6.03	-0.15	0.42	10.63	0.34	0.68	
9NLFUU	3.39	-7.10X	1.13	2.95	-3.16X	2.10	3.41	-7.28X	0.97	3.32	-5.27X	0.23	5.91	-6.71X	0.25	
A9L3NX	6.11	0.19	0.05	4.14	-0.08	0.28	6.97	0.05	0.29	6.16	0.09	0.48	10.87	0.70	0.30	
AGZ24U	7.46	3.79X	0.10	6.52	6.08X	0.20	7.72	1.60	0.56	7.91	3.38X	0.53	11.53	1.68	1.81	
AYYW2R	6.02	-0.04	0.50	4.06	-0.29	0.73	7.05	0.21	0.35	5.39	-1.36	0.47	10.23	-0.26	0.57	
CKUHUT	5.80	-0.65	0.73	3.41	-1.96	0.23	6.02	-1.90	1.07	5.61	-0.96	0.21	9.49	-1.36	0.07	
E8Y8YJ	6.12	0.21	0.77	4.48	0.79	0.76	6.94	0.00	0.57	6.22	0.20	0.38	10.41	0.00	0.21	
EJAFZP	6.25	0.57	0.62	4.88	1.84	0.67	7.38	0.91	0.56	6.71	1.12	0.82	11.00	0.89	0.29	
ERYBTE	6.07	0.08	0.19	4.12	-0.12	0.05	6.65	-0.60	0.05	6.21	0.17	0.04	10.16	-0.36	0.04	
EZW6NR	5.17	-2.33	2.02	2.70	-3.80X	1.51	4.53	-4.96X	1.01	5.07	-1.98	0.83	10.83	0.64	0.51	
F8TDTH	6.73	1.84	0.57	4.52	0.90	1.36	7.58	1.31	0.23	6.61	0.93	1.01	11.29	1.33	0.79	
FBAMWN	5.97	-0.19	1.17	4.54	0.94	3.39	6.71	-0.48	2.21	6.75	1.20	0.42	10.13	-0.41	1.38	
FDGXYJ	6.43	1.05	1.12	4.80	1.63	0.87	6.97	0.05	1.34	6.93	1.55	0.83	10.10	-0.45	3.12	
GGAGDM	6.70	1.77	0.00	4.53	0.94	0.50	7.27	0.67	0.51	6.87	1.42	0.83	11.30	1.34	0.45	
GJMUHJ	6.28	0.65	0.57	4.36	0.49	0.29	7.11	0.34	0.79	6.66	1.02	0.81	10.86	0.68	0.59	
GMHRLG	6.15	0.30	1.80	4.19	0.05	0.52	7.28	0.69	0.43	5.95	-0.32	1.05	11.02	0.93	1.36	
H9XMXK	5.85	-0.52	1.08	4.36	0.49	0.38	6.56	-0.78	0.10	6.36	0.46	0.61	10.14	-0.39	0.04	
HLKY2H	6.25	0.58	0.94	4.25	0.21	1.35	7.12	0.37	0.12	6.11	0.00	3.11	10.50	0.15	2.68	
JR3N2H	5.83	-0.55	1.48	4.03	-0.35	1.82	5.67	-2.63	1.34	5.67	-0.85	1.81	9.73	-1.00	1.69	
JW3QCD	6.61	1.53	0.61	5.10	2.41	1.64	6.45	-1.02	1.12	6.75	1.19	1.87	10.40	0.00	1.60	
JZ24WG	5.81	-0.60	0.41	3.88	-0.74	0.47	6.81	-0.28	0.51	5.94	-0.33	0.18	10.41	0.01	0.13	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KLE4VG	6.07	0.08	0.29	4.42	0.64	0.27	6.74	-0.43	0.31	6.27	0.30	0.42	10.24	-0.24	0.13	
LDYXHA	5.97	-0.18	0.11	4.23	0.16	0.51	6.58	-0.75	0.61	6.09	-0.05	0.12	10.10	-0.45	0.28	
LKENXA	5.78	-0.69	1.49	3.90	-0.71	0.18	6.75	-0.41	0.35	5.38	-1.39	0.15	9.01	-2.09	0.30	
LNZ84E	6.16	0.33	0.79	4.04	-0.33	1.14	6.86	-0.17	1.21	6.19	0.15	0.81	10.69	0.42	0.95	
MDDLHG	6.57	1.41	0.56	4.57	1.02	0.50	7.30	0.73	0.88	6.60	0.92	0.72	11.07	0.99	0.26	
MXYKDD	6.07	0.07	0.56	4.27	0.25	0.50	6.83	-0.23	0.51	6.27	0.29	0.42	10.07	-0.50	0.26	
PJWQ3F	5.02	-2.72	2.92	3.77	-1.03	2.40	6.58	-0.74	3.06	5.32	-1.51	1.24	9.01	-2.08	0.80	
PN42BA	6.32	0.76	0.06	4.18	0.03	0.09	7.18	0.48	0.13	6.18	0.12	0.11	10.73	0.49	0.09	
Q32UX3	5.97	-0.18	2.09	4.19	0.06	1.44	7.36	0.86	2.33	6.18	0.12	1.76	10.57	0.24	2.01	
RAGT6M	5.98	-0.17	0.59	3.90	-0.69	0.22	6.52	-0.87	0.35	5.85	-0.50	0.19	10.14	-0.39	0.29	
TM3KB9	6.28	0.65	0.88	4.80	1.63	0.42	7.03	0.17	0.42	7.20	2.05	2.08	11.48	1.62	1.13	
UEM2RA	5.81	-0.62	0.06	4.06	-0.28	0.00	7.03	0.17	0.13	5.81	-0.58	0.07	10.40	0.00	0.09	
V8GUJK	5.90	-0.37	1.68	3.93	-0.61	0.50	6.87	-0.16	1.01	5.83	-0.53	1.10	10.47	0.09	2.06	
VAJUEB	6.04	0.00	0.00	3.94	-0.60	0.13	6.86	-0.17	0.23	6.05	-0.13	0.11	9.98	-0.64	0.10	
W76AF2	6.04	0.00	0.74	4.54	0.97	0.52	6.98	0.08	0.32	6.22	0.20	1.11	10.41	0.01	0.31	
WHVBLB	6.00	-0.11	0.97	4.43	0.68	0.50	7.13	0.39	0.51	6.40	0.54	0.72	10.47	0.09	0.26	
YP87JG	5.96	-0.22	0.11	4.16	-0.03	0.09	7.02	0.16	0.28	6.07	-0.09	0.22	10.30	-0.15	0.12	
Z4NE3Y	6.10	0.17	0.39	3.92	-0.65	0.80	7.06	0.25	0.79	5.93	-0.34	0.35	10.71	0.47	0.35	
ZN8JL3	5.81	-0.62	0.44	3.92	-0.65	0.31	6.44	-1.04	2.06	5.82	-0.56	1.04	9.96	-0.67	0.07	
ZNPGVU	6.04	0.01	0.44	4.13	-0.11	0.93	7.23	0.58	0.94	6.37	0.48	1.06	10.66	0.38	0.28	
ZTMQA3	5.57	-1.27	0.56	4.13	-0.09	1.01	6.63	-0.64	1.01	5.97	-0.28	0.42	9.80	-0.90	0.00	
ZVTCX3	5.65	-1.05	0.74	3.97	-0.53	0.13	6.75	-0.40	0.40	5.77	-0.65	0.19	9.89	-0.76	0.14	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS1811	SRS1812	SRS1813	SRS1814	SRS1815	
Grand Median	6.04	4.17	6.94	6.11	10.4	
Median Abs Dev	0.21	0.24	0.23	0.28	0.3	
Avg Within Lab SD	0.10	0.11	0.11	0.14	0.2	
Labs Included	45	44	45	45	46	
Labs Reporting	48	48	48	48	48	



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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815			
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	
2A2UY2	6.87		1.40	5.63		1.39	7.57		1.40	8.03		1.39	11.90		1.21	
ZVTCX3	5.13		0.20	3.65		0.24	6.13		0.18	5.22		0.24	9.01		0.73	
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
SRS1811				SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	6.00			4.64			6.85			6.63			10.5			
Median Abs Dev	0.27			0.04			0.11			0.04			0.1			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	0.44	0.19	0.81	1.41	-0.02	0.77				0.80	0.08	1.31	0.56	0.00	0.88	
84ZJFP				1.22	-0.35	1.02	0.25	0.02	0.70	0.21	-0.79	1.10				
8EKR3X	0.10	-0.47	0.00	1.20	-0.38	0.00	0.10	-0.36	0.00	0.10	-0.95	0.00	0.10	-0.95	0.00	
ATCG3M	0.24	-0.19	0.33	0.62	-1.36	0.75	0.24	0.00	0.37	0.30	-0.66	1.68	0.20	-0.74	0.27	
F8TDTH	1.46	2.18	1.83	3.13	2.88	2.08	1.34	2.85	2.09	2.45	2.51	1.28	1.65	2.26	0.32	
GGAGDM	0.10	-0.48	0.94	1.58	0.26	0.31	0.18	-0.14	0.05	1.02	0.40	0.53	0.33	-0.47	2.45	
KFQG3W	0.61	0.52		1.50	0.13					0.75	0.01	0.30	0.65	0.18	0.19	
TW98GN				1.43	0.02	0.61				0.74	-0.01	0.50	0.62	0.12	0.07	

CaCO3 Content (SubTestCode 185) in the Content Property Groups						Data units: Percent	
	SRS1811		SRS1812		SRS1813	SRS1814	SRS1815
Grand Median	0.34		1.42		0.24	0.75	0.56
Median Abs Dev	0.24		0.18		0.05	0.36	0.23
Avg Within Lab SD	0.05		0.09		0.11	0.05	0.08
Labs Included	6		8		5	8	7
Labs Reporting	6		8		5	8	7



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups															Data units: cmol/kg		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2A2UY2	15.2	0.1	1.6	31.1	0.2	0.5	6.4	-0.2	0.2	34.6	0.4	0.5	24.1	0.5	0.6		
3TYEFL	14.5	-0.1	0.5	26.7	-0.6	0.4	8.9	0.6	1.0	29.2	-0.6	0.3	20.6	-0.1	0.3		
84ZJFP	11.3	-1.1	1.7	22.2	-1.5	0.2	6.5	-0.2	0.2	23.6	-1.7	1.5	18.7	-0.4	1.0		
ELDD9X	15.4	0.2	0.1	31.4	0.2	0.1	7.7	0.2	0.2	32.7	0.1	0.0	21.7	0.1	0.3		
GGAGDM	19.7	1.4	0.8	36.3	1.2	1.1	13.0	1.9		39.7	1.4	1.3	36.0	2.3	2.1		
GW99D7	13.6	-0.4	0.4	29.2	-0.2	0.4	5.5	-0.5	0.1	32.0	-0.1	0.5	19.5	-0.3	0.1		
PJWQ3F	19.0	1.2	0.5	34.7	0.9	2.3	10.8	1.2	2.2	33.4	0.2	1.6	28.6	1.2	1.0		
ZTMQA3	11.9	-0.9		26.4	-0.7		5.4	-0.6		28.1	-0.8		17.3	-0.6			

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups															Data units: cmol/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
Grand Median	14.9			30.2			7.08			32.3			21.2				
Median Abs Dev	2.1			3.6			1.66			2.7			2.7				
Avg Within Lab SD	0.7			2.1			0.66			1.2			2.1				
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	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6FZH7J	10.5	0.0	1.2	40.1	1.1	0.2	5.4	-0.1	0.2	31.6	-0.1	0.4	12.2	-0.5	0.5		
E8Y8YJ	11.0	0.2	1.6	26.4	-1.1	2.8	8.3	1.1	3.0	25.1	-1.4	3.1	17.7	0.4	1.3		
EJAFZP	8.3	-1.0	0.5	26.5	-1.1	1.1	2.5	-1.3	0.1	26.8	-1.1	0.2	6.4	-1.4	0.6		
EZW6NR	8.5	-0.9	0.2	35.6	0.3	0.4	5.4	-0.1	0.1	27.3	-1.0	0.3	9.4	-0.9	1.1		
F8TDTH	11.2	0.3	1.7	33.5	0.0	0.2	3.4	-0.9	0.4	32.9	0.2	0.2	10.5	-0.8	0.5		
FDGXYJ	10.5	0.0	1.3	41.8	1.3	0.2	15.6	4.1X	2.5	39.6	1.5	0.6	16.7	0.2	2.1		
JZ24WG	9.9	-0.3	0.4	27.4	-1.0	0.1	5.8	0.1	0.5	23.4	-1.8	0.1	17.4	0.3	1.4		
MXYKDD	7.1	-1.6	1.0	34.0	0.1	1.0	5.0	-0.2	0.4	32.0	0.0	0.5	9.1	-1.0	0.6		
PJWQ3F	12.8	1.1	0.3	32.3	-0.2	0.2	7.9	0.9	0.7	32.1	0.0	0.4	18.8	0.5	0.9		
VAJUEB	14.1	1.7	0.9	37.5	0.6	0.5	8.5	1.2	0.1	33.8	0.4	0.4	24.3	1.4	0.2		
ZN8JL3	10.1	-0.2	0.3	29.8	-0.6	0.3	7.7	0.8	0.4	32.3	0.1	0.3	15.3	0.0	0.2		

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups															Data units: cmol/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
Grand Median	10.5			33.5			5.62			32.0			15.3				
Median Abs Dev	0.7			4.0			2.14			1.8			3.5				
Avg Within Lab SD	0.3			2.1			0.41			2.2			0.5				
Labs Included	11			11			10			11			11				
Labs Reporting	11			11			11			11			11				



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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups															Data units: g/cc		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6AULMJ	0.80	-1.04	1.10	1.18	-0.75	0.79	1.31	-0.44	0.83	1.14	-0.91	0.21	0.94	-0.82	2.37		
6FZH7J	0.87	-0.56	1.59	1.25	-0.14	1.78	1.28	-0.74	2.06	1.18	-0.56	2.35	0.94	-0.82	0.47		
ELDD9X	1.18	1.47	0.37	1.49	2.10	0.00	1.49	1.45	0.31	1.43	1.59	0.21	1.21	1.56	0.00		
F8TDTH	1.20	1.60	0.48	1.39	1.17	0.41	1.50	1.52	0.14	1.40	1.37	0.15	1.22	1.61	0.03		
H3N99A	0.96	-0.01	0.16	1.24	-0.23	1.49	1.34	-0.13	1.13	1.22	-0.21	1.48	1.04	0.06	0.47		
K684MD	1.02	0.38	1.46	1.33	0.63	0.68	1.41	0.57	0.83	1.27	0.21	0.37	1.07	0.32	0.95		
ND67DE	0.96	0.01	0.00	1.28	0.14	0.23	1.36	0.13	0.31	1.28	0.29	0.00	1.03	-0.06	0.27		
ZNPGVU	0.91	-0.34	1.32	1.24	-0.23	1.14	1.31	-0.40	0.94	1.22	-0.26	0.21	1.02	-0.15	0.99		

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups						Data units: g/cc	
	SRS1811		SRS1812		SRS1813	SRS1814	SRS1815
Grand Median	0.96		1.26		1.35	1.25	1.03
Median Abs Dev	0.07		0.05		0.05	0.05	0.07
Avg Within Lab SD	0.02		0.03		0.02	0.03	0.02
Labs Included	8		8		8	8	8
Labs Reporting	8		8		8	8	8



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	25.8	0.4	1.0	24.4	-0.5	0.6	46.7	1.1	0.8	29.8	-0.8	0.9	31.2	0.0	0.6	
3QBVGA	29.2	1.1	0.8	29.2	0.5	0.9	44.2	0.4	1.0	35.8	0.4	1.1	38.3	1.3	0.8	
6AULMJ	20.9	-0.7	0.2	24.3	-0.5	0.2	42.4	-0.1	0.2	34.5	0.2	1.0	28.7	-0.4	1.2	
6W8GD2	25.3	0.3	0.6	34.7	1.6	1.5	47.3	1.2	2.0	39.3	1.2	2.3	30.0	-0.2	1.2	
7UXQMX	26.3	0.5	0.6	25.0	-0.3		41.0	-0.4		29.0	-0.9	1.5	33.7	0.5	0.7	
84ZJFP	32.3	1.7	0.8	35.0	1.7	1.7	45.7	0.8	0.4	33.7	0.0	0.4	39.0	1.4	1.0	
9FQGYE	33.1	1.9	0.4	28.7	0.4	0.5	45.3	0.7	0.2	36.5	0.6	0.2	33.1	0.4	0.3	
9NLFUU	22.7	-0.3	0.3	26.0	-0.1	1.3	42.3	-0.1	0.4	30.0	-0.7	0.8	29.0	-0.4	1.0	
AGZ24U	25.0	0.2	1.9	21.7	-1.0	1.5	37.7	-1.3	1.5	23.3	-2.1	0.4	29.0	-0.4		
CKUHUT	24.1	0.0	2.3	29.3	0.5	2.0	41.9	-0.2	0.3	34.3	0.1	0.3	27.3	-0.6	1.3	
E8Y8YJ	26.8	0.6	0.0	28.1	0.3	0.7	44.8	0.6	0.0	37.5	0.8	0.9	36.1	0.9	0.7	
EJAFZP	13.0	-2.3	0.3	18.3	-1.7	0.7	36.4	-1.7	0.7	29.1	-0.9	0.4	33.1	0.4	0.3	
ELDD9X	19.0	-1.1	0.6	27.0	0.1	0.6	42.7	0.0	0.4	34.0	0.1		32.0	0.2		
F8TDTH	24.0	0.0		27.3	0.1	0.4	43.0	0.1		32.7	-0.2	0.4	31.7	0.1	0.3	
GGAGDM	24.0	0.0		26.0	-0.1		42.7	0.0	0.8	33.0	-0.1	0.8	28.7	-0.4	0.3	
GJMUHJ	26.3	0.5	0.3	31.0	0.9	0.6	48.0	1.4	0.7	35.0	0.3	0.8	29.3	-0.3	0.3	
GW99D7	8.0	-3.3X		16.0	-2.2		38.0	-1.2		30.0	-0.7		20.0	-1.9		
H3N99A	27.3	0.7	3.1	26.3	-0.1	1.7	44.3	0.4	1.0	33.4	-0.1	1.6	34.3	0.6	3.1	
H9XMXK	23.3	-0.2	0.0	32.9	1.3	0.0	47.5	1.3	0.0	38.7	1.0	0.0	28.9	-0.4	0.0	
JZ24WG	22.0	-0.4		24.0	-0.5		41.8	-0.2		35.8	0.4		27.7	-0.6		
K684MD	23.0	-0.2		27.0	0.1		41.0	-0.4		31.7	-0.4	0.9	31.0	0.0		
KFQG3W	23.9	0.0	0.6	26.0	-0.1	0.4	43.6	0.2	0.2	35.0	0.3	0.6	31.5	0.1	0.7	
KMNBZV	22.4	-0.3	0.0	24.9	-0.4	0.7	41.4	-0.3	2.3	34.5	0.2	0.1	38.4	1.3	1.2	
MXYKDD	21.0	-0.6		27.0	0.1		34.0	-2.3		29.0	-0.9		29.0	-0.4		
P37RT9	17.7	-1.3	0.2	21.9	-1.0	0.3	42.8	0.0	0.1	28.5	-1.1	1.0	23.9	-1.2	0.3	
Q32UX3	25.0	0.2	0.2	32.2	1.1	0.5	46.4	1.0	0.0	38.4	1.0	0.0	36.0	0.9	0.3	



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RDYVA8	20.9	-0.6	0.4	27.1	0.1	0.2	42.1	-0.2	0.0	30.8	-0.6	0.0	24.5	-1.1	0.0	
TM3KB9	28.7	1.0	0.6	26.7	0.0	1.5	45.3	0.7	0.8	34.7	0.2	0.9	34.0	0.5		
V8GUJK	25.3	0.3	0.0	21.4	-1.1	1.0	38.9	-1.0	2.6	27.4	-1.3	2.4	26.5	-0.8	1.5	
YP87JG	16.1	-1.7	0.8	17.9	-1.8	1.0	39.2	-0.9	0.5	24.6	-1.9	1.0	22.5	-1.5	0.4	
ZN8JL3	31.0	1.4		31.0	0.9		41.0	-0.4		41.0	1.5		41.0	1.8		

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	24.1			26.7			42.7			33.7			31.0			
Median Abs Dev	2.3			2.4			1.7			2.8			2.7			
Avg Within Lab SD	1.8			1.6			1.5			1.3			1.7			
Labs Included	30			31			31			31			31			
Labs Reporting	31			31			31			31			31			



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups															Data units: Percent		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2A2UY2	60.5	0.8	0.6	34.4	0.9	0.2	19.9	0.8	1.1	35.0	0.7	1.2	53.0	1.5	0.2		
3QBVGA	57.9	0.5	0.4	35.8	1.1	1.0	16.7	0.1	0.9	34.2	0.6	1.4	46.7	0.5	1.1		
6AULMJ	46.1	-1.2	1.0	24.8	-0.4	0.2	13.4	-0.7	1.0	27.3	-0.6	0.9	39.5	-0.6	0.9		
6W8GD2	51.0	-0.5	1.2	26.7	-0.2	0.8	18.3	0.5	1.5	30.7	0.0	1.1	42.0	-0.2			
7UXQMX	48.3	-0.9	0.9	21.3	-0.9	1.8	15.0	-0.3	1.1	29.3	-0.2	1.5	38.7	-0.7	1.2		
84ZJFP	45.3	-1.3	0.7	23.3	-0.6	0.8	12.0	-1.0		25.3	-0.9	1.1	42.0	-0.2	1.6		
9FQGYE	56.7	0.3	0.5	34.0	0.8	0.4	17.4	0.2	0.1	34.5	0.6	0.4	53.3	1.6	0.6		
9NLFUU	55.7	0.2	1.3	37.0	1.2	1.4	20.7	1.0	0.4	42.0	1.8	1.0	50.3	1.1	0.5		
AGZ24U	51.3	-0.5	2.4	26.7	-0.2	2.0	19.0	0.6	1.7	34.3	0.6	1.5	50.0	1.0			
CKUHUT	46.6	-1.1	1.8	23.3	-0.6	1.3	11.9	-1.0	1.2	25.4	-0.9	0.5	39.3	-0.6	1.7		
E8Y8YJ	57.6	0.4	0.9	28.9	0.2	0.3	15.6	-0.2	0.9	30.9	0.0	0.5	46.3	0.5	0.8		
EJAFZP	61.3	1.0	0.6	31.0	0.4	1.5	14.4	-0.5	0.6	29.7	-0.2	0.4	44.5	0.2	1.2		
ELDD9X	58.7	0.6	0.3	32.0	0.6		18.0	0.4		35.0	0.7		49.3	0.9	0.5		
F8TDTH	52.0	-0.4	0.6	25.0	-0.4	0.7	16.0	-0.1	0.6	28.3	-0.4	0.6	43.0	0.0	0.8		
GGAGDM	56.7	0.3	0.3	33.0	0.7		19.3	0.7	0.7	34.0	0.5	1.0	43.7	0.1	0.9		
GJMUHJ	47.7	-1.0	0.9	21.0	-0.9	0.7	13.0	-0.8		23.3	-1.2	0.6	39.7	-0.6	0.5		
GW99D7	56.0	0.2		24.0	-0.5		12.0	-1.0		24.0	-1.1		44.0	0.1			
H3N99A	55.5	0.1	1.0	30.3	0.3	1.2	19.5	0.7	1.8	32.1	0.2	0.2	48.5	0.8	1.5		
H9XMXK	43.7	-1.5	0.0	22.0	-0.8		13.8	-0.6	0.0	26.1	-0.8	0.0	31.9	-1.8	0.0		
JZ24WG	45.9	-1.2		25.8	-0.3		12.0	-1.0		26.0	-0.8		40.0	-0.5			
K684MD	43.3	-1.6	0.7	20.0	-1.0		11.3	-1.2	0.7	23.3	-1.2	1.1	35.3	-1.2	0.9		
KFQG3W	48.7	-0.8	0.6	24.9	-0.4	0.5	15.3	-0.3	1.0	29.3	-0.2	1.1	43.3	0.0	1.6		
KMNBZV	2.2	-7.5X	0.0	2.5	-3.4X	0.1	0.6	-3.7X	0.0	0.2	-5.0X	0.1	0.3	-6.7X	0.1		
MXYKDD	55.0	0.1		21.0	-0.9		23.0	1.6		43.0	2.0		43.0	0.0			
P37RT9	54.1	-0.1	0.3	31.3	0.5	0.3	16.0	-0.1	0.2	34.4	0.6	0.8	43.2	0.0	1.0		
Q32UX3	55.1	0.1	0.2	26.5	-0.2	0.7	16.7	0.1	0.8	30.1	-0.1	0.2	47.1	0.6	0.6		



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups															Data units: Percent	
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RDYVA8	47.8	-1.0	0.2	38.0	1.4	0.1	13.8	-0.6	0.4	29.2	-0.3	0.0	25.5	-2.8X	0.0	
TM3KB9	64.7	1.4	1.8	39.3	1.5	0.8	23.3	1.6	0.7	37.3	1.1	1.1	56.0	2.0		
V8GUJK	52.4	-0.3	0.9	30.3	0.3	1.1	18.3	0.5	1.7	33.6	0.5	1.5	37.7	-0.9	1.2	
YP87JG	59.2	0.7	1.4	35.0	1.0	0.9	17.9	0.4	0.5	36.9	1.0	2.0	42.5	-0.1	0.6	
ZN8JL3	56.0	0.2		38.0	1.4		24.0	1.8		34.0	0.5		50.0	1.0		

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups															Data units: Percent	
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	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	54.6			27.8			16.3			30.8			43.3			
Median Abs Dev	3.8			4.5			2.6			3.6			3.8			
Avg Within Lab SD	1.7			1.4			1.5			1.0			1.3			
Labs Included	30			30			30			30			29			
Labs Reporting	31			31			31			31			31			



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups															Data units: Percent		
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2A2UY2	13.7	-1.2	0.5	41.2	-0.6	0.7	33.4	-1.4	1.4	35.2	-0.2	0.1	15.9	-0.9	0.6		
3QBVGA	12.9	-1.3	0.4	35.0	-1.3		39.2	-0.3	1.1	30.0	-0.9		15.0	-1.0			
6AULMJ	33.0	1.1	1.2	50.9	0.6	0.3	44.2	0.6	1.2	38.2	0.2	1.2	31.9	0.5	1.3		
6W8GD2	23.7	0.0	0.7	38.7	-0.9	0.7	34.3	-1.2	0.8	29.7	-1.0	1.3	28.0	0.2	0.9		
7UXQMX	25.0	0.1	1.2	53.0	0.8	1.3	43.7	0.5	0.8	41.0	0.6		27.0	0.1	0.9		
84ZJFP	22.3	-0.2	0.3	41.7	-0.5	2.4	42.3	0.2	0.4	41.0	0.6	1.4	19.0	-0.6	0.4		
9FQGYE	10.2	-1.6	0.1	37.3	-1.0	0.6	37.3	-0.7	0.3	29.0	-1.1	0.1	13.6	-1.1	0.2		
9NLFUU	21.7	-0.3	1.4	37.0	-1.1	1.3	37.0	-0.7		28.3	-1.1	1.0	20.7	-0.5	0.7		
AGZ24U	23.7	0.0	0.3	51.7	0.7	0.4	43.7	0.5	0.4	42.3	0.8	1.0	21.0	-0.4			
CKUHUT	29.3	0.7	0.7	47.4	0.2	0.8	46.2	0.9	1.3	40.3	0.6	0.1	33.5	0.6	1.4		
E8Y8YJ	15.6	-1.0	0.9	42.9	-0.4	1.0	39.6	-0.3	1.0	31.6	-0.7	1.2	17.6	-0.7	0.6		
EJAFZP	25.7	0.2	0.3	50.7	0.6	0.7	49.2	1.5	0.1	41.2	0.7	0.2	22.5	-0.3	0.4		
ELDD9X	22.3	-0.2	0.3	41.0	-0.6	0.6	39.3	-0.3	0.4	31.0	-0.8		18.7	-0.6	0.3		
F8TDTH	24.0	0.0	0.6	47.7	0.2	0.4	41.0	0.0	0.7	39.0	0.4	0.8	25.3	-0.1	0.5		
GGAGDM	19.3	-0.5	0.3	41.0	-0.6		38.0	-0.6		33.0	-0.5		27.7	0.1	0.3		
GJMUHJ	26.0	0.3	0.6	48.0	0.2		39.0	-0.4	0.7	41.7	0.7	0.5	31.0	0.4	0.4		
GW99D7	36.0	1.5		60.0	1.7		50.0	1.6		46.0	1.4		36.0	0.8			
H3N99A	17.3	-0.8	3.8	43.4	-0.3	1.9	36.1	-0.9	2.3	34.5	-0.3	1.6	17.2	-0.8	3.3		
H9XMXK	33.0	1.1	0.0	45.1	-0.1	0.0	38.6	-0.4	0.0	35.2	-0.2	0.0	39.2	1.1	0.0		
JZ24WG	32.1	1.0		50.2	0.5		46.2	0.9		38.2	0.2		32.2	0.5			
K684MD	33.7	1.2	0.7	53.0	0.8		47.7	1.2	0.8	45.0	1.2		33.7	0.6	0.5		
KFQG3W	27.4	0.4	0.2	49.2	0.4	0.4	41.1	0.0	1.0	35.7	-0.1	0.9	25.2	-0.1	1.1		
KMNBZV	75.4	6.2X	0.0	72.7	3.2X	0.7	58.0	3.1X	2.5	65.3	4.1X	0.2	61.3	3.0X	0.9		
MXYKDD	24.0	0.0		52.0	0.7		43.0	0.3		28.0	-1.2		28.0	0.2			
P37RT9	28.2	0.5	0.1	46.8	0.1	0.2	41.1	0.0	0.4	37.2	0.1	1.7	32.9	0.6	0.8		
Q32UX3	19.9	-0.5	0.4	41.4	-0.5	0.2	36.9	-0.8	0.9	31.5	-0.7	0.2	17.0	-0.8	0.1		



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups															Data units: Percent	
WebCode	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RDYVA8	31.3	0.9	0.2	34.8	-1.3	0.0	44.1	0.5	0.5	40.1	0.5	0.2	50.0	2.1		
TM3KB9	6.7	-2.1	1.4	34.0	-1.4	1.3	31.3	-1.8	0.8	28.0	-1.2	1.7	10.0	-1.4		
V8GUJK	22.3	-0.2	0.9	48.3	0.3	1.7	42.8	0.3	2.2	39.0	0.4	1.4	35.8	0.8	0.7	
YP87JG	24.7	0.1	0.5	47.1	0.1	0.5	43.0	0.3	0.0	38.5	0.3	0.6	35.0	0.8		
ZN8JL3	13.0	-1.3		31.0	-1.8		35.0	-1.1		25.0	-1.6		9.0	-1.5		

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups															Data units: Percent	
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	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	23.8			46.0			41.1			36.4			26.2			
Median Abs Dev	4.4			4.9			3.1			4.7			7.4			
Avg Within Lab SD	1.7			1.6			1.4			1.2			2.2			
Labs Included	30			30			30			30			30			
Labs Reporting	31			31			31			31			31			



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Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups															Data units: %
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
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
9FQGYE	29.9		1.4	37.2		1.4	34.7		1.4	35.2		1.3	34.4		1.4
KMNBZV	1.1		0.1	1.1		0.0	1.0		0.0	1.1		0.6	1.0		0.0
Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups															Data units: %
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815		
Grand Median	15.5			19.1			17.9			18.1			17.7		
Median Abs Dev															
Avg Within Lab SD	0.5			0.3			0.2			0.0			0.1		
Labs Included	2			2			2			2			2		
Labs Reporting	2			2			2			2			2		



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Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
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			
9FQGYE	10.3		1.0	23.3		1.0	23.0		1.0	20.2		1.0	14.0		1.0			

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
Grand Median	10.3			23.3			23.0			20.2			14.0					
Median Abs Dev																		
Avg Within Lab SD	0.1			0.5			0.2			0.1			0.2					
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: %				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
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			
9FQGYE	19.5		1.0	13.9		1.0	11.7		1.0	15.0		1.0	20.4		1.0			
Available Water Content (SubTestCode 194) in the Moisture Property Groups														Data units: %				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
Grand Median	19.5			13.9			11.7			15.0			20.4					
Median Abs Dev																		
Avg Within Lab SD	0.7			0.1			0.0			0.1			0.2					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups														Data units: mg/kg				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
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			
JR3N2H	551.8		1.0	577.0		1.0	732.5		1.0	627.4		1.0	1,092.7		1.0			

Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups														Data units: mg/kg				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
Grand Median	551.8			577.0			732.5			627.4			1,092.7					
Median Abs Dev																		
Avg Within Lab SD	0.4			11.7			28.8			8.9			75.0					
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	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3TYEFL	14.7		1.3	23.0		1.5	68.3		0.7	22.0		1.3	21.7		1.3	
4M7UPB	6.4		1.2	11.3		0.9	63.3		1.2	11.0		1.3	16.0		0.7	
ELDD9X	10.0			16.0			63.7		1.4	13.3		0.8	10.3		1.3	
YZ9LB7	9.3		0.1	14.2		0.2	56.5		0.3	11.8		0.1	12.8		0.1	
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
	SRS1811			SRS1812			SRS1813			SRS1814			SRS1815			
Grand Median	9.64			15.1			63.5			12.6			14.4			
Median Abs Dev																
Avg Within Lab SD	0.46			0.7			1.8			0.8			0.4			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
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			
ELDD9X	21.00			0.20		1.00	12.00		1.00	1.00			24.00					

DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS1811				SRS1812				SRS1813				SRS1814				SRS1815		
Grand Median	21.0			0.20			12.0			1.00			24.0					
Median Abs Dev																		
Avg Within Lab SD	0.0			0.00			1.0			0.00			0.0					
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	SRB1809			SRB1810			SRB1811			SRB1812				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3QBVGA	93.2	-0.1	0.4	93.6	0.0	0.1	93.5	0.0	0.4	93.6	-0.1	0.3		
84ZJFP	92.7	-0.5	0.8	93.3	-0.4	1.9	93.5	-0.1	2.7	92.9	-0.8	1.4		
AKENUT	94.8	1.3	0.0	95.6	2.2	0.0	95.1	1.4	0.0	95.5	1.7			
B4PXAJ	95.2	1.6	0.0	94.2	0.6	0.0	94.8	1.2	0.0	94.7	0.9	0.0		
ELDD9X	93.1	-0.1	0.0	93.5	-0.1	0.0	93.3	-0.2	0.0	93.4	-0.3	0.0		
GJMUHJ	92.6	-0.5	1.3	92.8	-0.9	2.3	92.7	-0.8	1.7	92.8	-0.8	3.0		
J6GEAL	93.7	0.4	0.0	93.9	0.3	0.0	94.2	0.6	0.0	93.8	0.1	0.0		
JR3N2H	94.0	0.6	0.4	94.2	0.6	0.4	94.0	0.4	0.3	93.9	0.2	0.3		
JZ24WG	94.1	0.7	0.3	93.8	0.3	1.0	94.2	0.6	0.8	93.9	0.2	0.4		
LKENXA	93.4	0.1	0.1	93.6	0.0	1.1	93.6	0.0	0.0	93.8	0.1	0.3		
LNZ84E	92.3	-0.8	0.8	92.2	-1.5	1.9	92.2	-1.2	1.3	92.3	-1.4	0.9		
PZC4AD	94.5	1.0		94.6	1.1	0.0	94.6	1.0	0.0	94.6	0.8	0.0		
Q32UX3	91.6	-1.5	3.4	92.8	-0.8	0.4	92.5	-0.9	1.1	92.5	-1.1	0.4		
VAJUEB	94.3	0.8	0.2	94.6	1.1	0.3	94.6	1.0	1.4	94.4	0.6	1.6		
YP87JG	93.1	-0.1	0.1	93.2	-0.4	1.0	93.0	-0.5	0.6	92.8	-0.9	0.5		
Z4NE3Y	92.7	-0.5	0.0	93.2	-0.4	0.0	92.7	-0.8	0.0	92.9	-0.8	0.0		

Dry Matter (%) (SubTestCode 201)					Data units: Percent			
	SRB1809		SRB1810		SRB1811		SRB1812	
Grand Median	93.3		93.6		93.6		93.7	
Median Abs Dev	0.7		0.5		0.7		0.8	
Avg Within Lab SD	0.2		0.1		0.1		0.1	
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	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QBVGA	296.9	0.5	0.1	28.6	0.1	0.2	257.4	0.1	0.2	5,254.1	0.8	0.4
84ZJFP	641.3	11.0X	0.2	240.7	14.0X	0.2	403.3	5.5X	0.1	4,833.0	0.1	0.2
AYYW2R	334.7	1.7	1.2	43.8	1.1	0.8	276.0	0.8	0.1	4,874.0	0.1	0.4
E8Y8YJ	266.7	-0.4	2.7	34.5	0.5	2.0	243.8	-0.5	2.6	4,846.7	0.1	1.8
F8RKXV	268.7	-0.3	0.8	31.7	0.3	2.1	238.7	-0.6	0.1	4,995.3	0.4	0.7
GJMUHJ	334.1	1.7	0.6	26.7	-0.1	0.9	293.6	1.4	2.1	4,745.9	-0.1	0.6
JR3N2H	295.9	0.5	0.1	25.2	-0.2	0.5	276.0	0.8	0.2	5,154.5	0.6	0.1
LNZ84E	170.1	-3.3X	0.3	24.0	-0.2	0.9	349.5	3.5X	1.3	3,670.5	-1.9	3.0
MDDLHG	261.7	-0.5	1.7	13.3	-0.9	0.3	222.3	-1.3	0.9	3,990.0	-1.4	0.4
NB2BUC	235.5	-1.3		57.2	1.9		233.5	-0.8		3,885.1	-1.6	
NL3UFC	303.0	0.7	1.3	47.9	1.3	1.8	222.9	-1.2	0.7	4,516.0	-0.5	0.8
RDYVA8	259.7	-0.6	0.4	20.0	-0.5	0.2	237.7	-0.7	0.1	4,686.0	-0.2	0.4
TM3KB9	267.3	-0.4	0.2	35.3	0.5	0.4	276.4	0.8	0.2	4,723.7	-0.1	0.1
VAJUEB	274.3	-0.1	0.1	8.3	-1.3	0.1	254.2	-0.1	0.0	4,887.4	0.2	0.8
X6LRQ2	283.7	0.1	0.1	38.3	0.7	0.2	270.0	0.5	0.4	4,570.0	-0.4	0.4
Y6YWL6	254.3	-0.8	0.8	16.2	-0.8	0.8	244.7	-0.4	1.4	5,744.0	1.7	1.3
YZ9LB7	285.0	0.2	0.4	74.0	3.0X	0.2	263.7	0.3	0.2	4,065.7	-1.3	0.1
ZTMQA3	309.0	0.9	0.1	19.4	-0.5	0.1	273.0	0.6	0.3	5,266.7	0.8	0.3

NO3 - N Cd Rd. (SubTestCode 202)

Data units: mg/kg

	SRB1809	SRB1810	SRB1811	SRB1812
Grand Median	279.0	27.6	255.8	4,789.4
Median Abs Dev	17.6	8.0	17.7	246.4
Avg Within Lab SD	19.5	6.2	17.6	154.3
Labs Included	16	16	16	18
Labs Reporting	18	18	18	18



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NO3 - N ISE (SubTestCode 203)												Data units: mg/kg	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	2,058.0	13.8X		100,740.0	728.2X		39,495.0	240.5X		35,955.0	43.4X		
EJAFZP	495.0	0.0	0.0	155.7	-1.3	0.3	491.3	0.0	0.2	5,396.7	0.0	0.2	
ELDD9X	379.5	-1.0	0.1	363.7	0.2	0.7	389.4	-0.6	0.1	4,801.7	-0.8	0.2	
HLKY2H	294.0	-1.8	0.2	146.7	-1.3	0.4	368.7	-0.8	0.4	4,960.0	-0.6	0.3	
PJWQ3F	493.4	0.0	2.2	332.2	0.0	2.1	749.4	1.6	2.2	6,182.0	1.1	2.2	
Z4NE3Y	560.7	0.6	0.0	403.7	0.5	0.3	555.7	0.4	0.1	5,952.3	0.8	0.1	

NO3 - N ISE (SubTestCode 203)												Data units: mg/kg	
	SRB1809			SRB1810			SRB1811			SRB1812			
Grand Median	493.4			332.2			491.3			5,396.7			
Median Abs Dev	67.2			71.5			101.9			555.6			
Avg Within Lab SD	165.2			26.7			74.3			864.4			
Labs Included	5			5			5			5			
Labs Reporting	6			6			6			6			



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NO3 - N Oth. (SubTestCode 204)												Data units: mg/kg
WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
FBAMWN	1,886.6	0.8	0.1	2,801.5		0.5	2,124.2	1.1	0.3	4,656.0	-0.4	0.1
J6GEAL	258.3	-0.3	0.0				193.0	-0.4	0.0	4,188.7	-0.8	0.2
PJWQ3F	3,719.2	2.1	2.1	4,282.5		1.1	3,136.7	1.9	2.1	6,749.2	1.4	2.1
PNKFGY	577.9	-0.1	0.6	476.2		1.6	738.1	0.0	0.7	5,894.8	0.7	0.7
YP87JG	731.7	0.0	0.1	685.0		0.1	713.3	0.0	0.1	5,116.7	0.0	0.1

NO3 - N Oth. (SubTestCode 204)												Data units: mg/kg
	SRB1809			SRB1810			SRB1811			SRB1812		
Grand Median	731.7			1,743.3			738.1			5,116.7		
Median Abs Dev	473.3						545.1			778.2		
Avg Within Lab SD	451.8			233.2			393.2			640.6		
Labs Included	5			4			5			5		
Labs Reporting	5			4			5			5		



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NH4-N (SubTestCode 205)										Data units: mg/kg	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
84ZJFP	46.3		0.0	44.7		0.2	57.7		0.0	60.3	0.1
PNKFGY	392.7		1.7	183.3		1.2	451.3		1.7	391.4	1.7
VAJUEB	156.5		0.0	78.8		1.3	221.3		0.1	197.8	0.0
NH4-N (SubTestCode 205)										Data units: mg/kg	
	SRB1809			SRB1810			SRB1811			SRB1812	
Grand Median	156.5			78.8			221.3			197.8	
Median Abs Dev											
Avg Within Lab SD	74.5			2.6			30.7			37.5	
Labs Included	3			3			3			3	
Labs Reporting	3			3			3			3	



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PO4 - P (SubTestCode 206)													Data units: mg/kg	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
84ZJFP	1,542.7	2.4	0.3	1,184.3	2.2	0.3	3,530.7	1.4	0.4	2,063.7	2.8	0.2		
E8Y8YJ	1,186.7	0.4	0.3	882.7	0.2	0.3	3,093.3	0.5	0.4	1,550.0	0.3	0.1		
EJAFZP	1,113.3	0.0	0.4	860.0	0.0	0.8	2,950.0	0.2	0.1	1,490.0	0.0	0.1		
ELDD9X	1,421.3	1.7	0.1	1,105.4	1.7	0.6	3,601.3	1.6	0.4	1,863.6	1.8	0.5		
F8RKXV	1,122.0	0.0	0.1	837.7	-0.2	0.1	3,064.7	0.5	0.1	1,489.3	0.0	0.1		
FBAMWN	1,241.4	0.7	0.1	915.9	0.4	0.6	1,839.5	-2.1	1.1	1,313.8	-0.9	0.4		
LNZ84E	961.4	-0.9	1.6	776.9	-0.6	1.9	2,170.5	-1.4	0.5	1,510.1	0.1	1.5		
NL3UFC	1,126.0	0.0	0.9	961.8	0.7	1.3	2,655.0	-0.4	0.4	1,665.0	0.8	0.4		
PJWQ3F	1,123.3	0.0	3.0	860.0	0.0	2.4	2,686.7	-0.3	3.2	1,437.0	-0.3	3.0		
RDYVA8	1,100.3	-0.1	0.0	792.7	-0.5	0.2	2,847.3	0.0	0.5	1,449.7	-0.2	0.1		
TM3KB9	991.9	-0.7	0.1	777.0	-0.6	0.1	2,740.2	-0.2	0.2	4,562.9	14.8X	0.1		
Y6YWL6	999.3	-0.7	0.3	792.0	-0.5	0.5	2,873.7	0.1	0.0	1,494.0	0.0	0.4		
YZ9LB7	935.7	-1.1	0.0	659.0	-1.4	0.0	2,848.3	0.0	0.3	1,285.7	-1.0	0.0		

PO4 - P (SubTestCode 206)					Data units: mg/kg	
	SRB1809	SRB1810	SRB1811	SRB1812		
Grand Median	1,122.0	860.0	2,848.3	1,492.0		
Median Abs Dev	119.4	68.0	193.3	56.5		
Avg Within Lab SD	116.4	75.5	156.7	170.7		
Labs Included	13	13	13	12		
Labs Reporting	13	13	13	13		



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SO4 - S (SubTestCode 207)										Data units: mg/kg	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
84ZJFP	1,437.3		0.4	331.0		0.2	2,163.3		1.4	1,236.3	0.3
ATCG3M	2,548.6		1.3	1,214.4		0.4	3,674.4		0.6	2,370.0	0.6
ELDD9X	1,181.4		0.0	213.9		0.0	1,929.3		0.0	928.2	1.8
Z4NE3Y	1,563.5		1.4	390.4		1.9	2,458.8		1.3	1,472.8	0.5
SO4 - S (SubTestCode 207)										Data units: mg/kg	
	SRB1809			SRB1810			SRB1811			SRB1812	
Grand Median	1,500.4			360.7			2,311.1			1,354.6	
Median Abs Dev											
Avg Within Lab SD	13.9			20.8			39.0			34.5	
Labs Included	4			4			4			4	
Labs Reporting	4			4			4			4	



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CI (SubTestCode 208)												Data units: Percent	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
84ZJFP	0.967	-2.058	0.258	0.043	-0.050	0.381	0.857	-0.526	0.526	0.973	-1.084	0.234	
9NLFUU	1.323	0.000	0.352	0.023	-0.379	0.381	0.903	0.000	0.241	1.100	-0.061	0.729	
ATCG3M	2.160	4.824	1.764	0.060	0.216	0.439	0.856	-0.538	0.399	0.893	-1.732	0.670	
AYYW2R	1.244	-0.458	0.152	0.029	-0.280	1.154	0.870	-0.376	0.042	1.035	-0.589	0.111	
E8Y8YJ	1.430	0.615	0.609	0.530	7.951X	1.979	1.023	1.354	0.435	1.260	1.232	0.809	
EJAFZP	1.370	0.269	1.108	0.090	0.717	1.319	0.930	0.301	1.045	1.173	0.532	1.114	
ELDD9X	1.485	0.933	0.108	0.053	0.112	0.077	1.008	1.181	0.311	1.229	0.980	0.366	
F8RKXV	1.263	-0.346	0.195	0.033	-0.215	0.381	0.863	-0.451	0.121	1.077	-0.249	0.309	
FBAMWN	1.293	-0.175	0.240	0.043	-0.059	0.118	0.859	-0.499	0.135	1.105	-0.020	0.837	
GJMUHJ	1.345	0.126	0.164	0.045	-0.025	0.463	0.906	0.028	0.147	1.123	0.127	0.099	
J6GEAL	1.293	-0.173	0.258	0.053	0.114	0.381	0.870	-0.376	0.209	1.090	-0.142	0.350	
NL3UFC	1.564	1.389	3.481	0.058	0.199	0.967	0.727	-1.990	2.975	0.954	-1.243	3.146	
PJWQ3F	1.325	0.007	0.422	0.125	1.293	2.856	1.100	2.215	1.810	1.250	1.148	0.506	
PNKFGY	0.247	-6.211X	2.677	0.048	0.025	0.028	0.119	-8.846X	1.587	0.171	-7.566X	2.252	
RDYVA8	1.323	0.000	0.195	0.034	-0.209	0.250	0.903	0.000	0.319	1.113	0.047	0.117	
VAJUEB	1.400	0.442	0.161	0.030	-0.275	0.053	0.932	0.320	0.112	1.153	0.367	0.265	
Y6YWL6	1.293	-0.173	0.195	0.167	1.978	0.381	0.783	-1.354	1.803	0.823	-2.296	1.835	
YP87JG	1.323	0.000	0.425	0.030	-0.269	0.000	0.923	0.226	0.121	1.110	0.020	0.202	
ZTMQA3	1.297	-0.152	0.544	0.395	5.726	2.149	0.939	0.406	0.724	1.141	0.273	0.590	

CI (SubTestCode 208)					Data units: Percent	
	SRB1809	SRB1810	SRB1811	SRB1812		
Grand Median	1.32	0.046	0.90	1.11		
Median Abs Dev	0.04	0.013	0.04	0.06		
Avg Within Lab SD	0.06	0.015	0.05	0.05		
Labs Included	18	18	18	18		
Labs Reporting	19	19	19	19		



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TKN (SubTestCode 209)												Data units: Percent	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	2.00	-0.51		1.64	-0.40	0.00	2.34	-0.86	0.00	2.49	-1.17	0.00	
E8Y8YJ	2.10	0.00	0.94	1.77	0.39	0.95	2.54	0.38	0.81	2.71	-0.19	1.17	
ELDD9X	2.35	1.20		1.80	0.61	0.41	2.57	0.59	0.12	2.83	0.31	0.49	
LNZ84E	1.66	-2.18	1.97	1.49	-1.34	2.07	2.14	-2.15	1.18	2.42	-1.47	1.95	
Q32UX3	2.35	1.24	1.20	2.03	2.04	1.47	2.52	0.28	2.56	6.33	15.59X	3.93	
TM3KB9	2.10	-0.02	0.00	1.67	-0.23	0.85	2.40	-0.48	0.00	2.80	0.19	0.00	
VAJUEB	2.17	0.34	0.38	1.76	0.36	0.00	2.48	0.00	0.22	2.81	0.24	0.51	
X6LRQ2	2.02	-0.41	0.74	1.59	-0.71	0.82	2.34	-0.89	0.51	2.52	-1.05	1.48	
Y6YWL6	2.14	0.18	0.32	1.70	0.00	0.31	2.55	0.45	0.32	2.94	0.78	0.41	

TKN (SubTestCode 209)												Data units: Percent	
	SRB1809			SRB1810			SRB1811			SRB1812			
Grand Median	2.10			1.70			2.48			2.76			
Median Abs Dev	0.08			0.06			0.08			0.13			
Avg Within Lab SD	0.09			0.07			0.13			0.07			
Labs Included	9			9			9			8			
Labs Reporting	9			9			9			9			



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N- Dry Comb. (SubTestCode 210)

Data units: Percent

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2	1.94	-1.64	2.17	1.63	-0.82	0.56	2.37	-0.98	1.45	2.78	-1.23	1.25
3QBVGA	2.28	2.01	0.40	1.83	1.75	0.30	2.67	1.93	0.68	3.13	2.21	0.28
4M7UPB	1.95	-1.54	1.02	1.50	-2.37	0.24	2.10	-3.62X	0.43	1.93	-9.59X	0.81
84ZJFP	2.00	-1.00	0.23	1.64	-0.70	0.46	2.35	-1.17	0.82	2.79	-1.14	0.40
9NLFUU	2.16	0.66	0.62	1.74	0.60	0.83	2.56	0.82	0.86	2.95	0.44	2.15
ATCG3M	2.06	-0.36	0.02	1.67	-0.27	0.07	2.42	-0.50	0.05	2.88	-0.32	0.10
AYYW2R	2.04	-0.60	0.20	1.66	-0.36	0.09	2.40	-0.68	0.43	2.85	-0.55	0.15
EJAFZP	2.08	-0.13	0.31	1.46	-2.92	1.44	2.44	-0.36	0.71	2.94	0.31	1.61
ELDD9X	2.31	2.31	0.10	1.84	1.92	0.18	2.70	2.27	0.32	3.14	2.32	0.78
F8RKXV	2.12	0.23	0.12	1.70	0.14	0.09	2.49	0.16	0.28	2.88	-0.32	0.31
GJMUHJ	2.05	-0.49	0.06	1.65	-0.48	0.03	2.42	-0.53	0.76	2.87	-0.43	0.08
HLKY2H	2.07	-0.24	0.51	1.68	-0.11	0.37	2.42	-0.49	0.99	2.89	-0.15	0.15
J6GEAL	2.12	0.30	0.42	1.71	0.27	0.09	2.50	0.29	0.16	2.92	0.08	0.15
JR3N2H	2.07	-0.32	0.05	1.69	-0.06	0.17	2.44	-0.34	0.13	2.90	-0.07	0.29
JZ24WG	2.14	0.45	0.22	1.73	0.49	0.10	2.50	0.28	0.15	2.94	0.33	0.17
K3HX62	1.98	-1.30	0.14	1.63	-0.77	0.18	2.34	-1.31	0.21	2.46	-4.41	0.14
LKENXA	2.17	0.77	0.12	2.75	13.25X	0.09	2.51	0.36	0.00	2.85	-0.58	0.53
MDDLHG	2.19	0.98	1.19	1.78	1.15	0.46	2.63	1.53	1.58	3.01	0.99	2.55
NB2BUC	2.00	-1.03	4.60	1.57	-1.54	5.19	2.45	-0.25	3.92	2.91	-0.01	2.92
NL3UFC	2.10	0.00	0.80	1.70	0.06	0.36	2.44	-0.29	0.92	2.91	0.01	1.71
P6C9AC	2.10	0.08	0.51	1.68	-0.11	0.09	2.49	0.13	0.33	2.92	0.11	0.46
PJWQ3F	2.13	0.35	0.39	1.74	0.56	0.40	2.54	0.64	1.09	2.97	0.64	0.38
PN42BA	2.04	-0.59	0.05	1.67	-0.30	0.06	2.24	-2.33	0.10	2.81	-0.94	0.13
PNKFGY	2.05	-0.47	0.35	1.68	-0.16	0.44	2.44	-0.35	1.23	2.89	-0.17	1.26
RDYVA8	2.10	0.08	0.23	1.71	0.18	0.18	2.47	-0.03	0.28	2.91	-0.02	0.15
VAJUEB	2.28	2.03	0.25	1.83	1.68	0.06	2.68	2.00	0.40	3.11	1.99	0.39



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N- Dry Comb. (SubTestCode 210)													Data units: Percent	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
W76AF2	2.07	-0.27	0.67	1.68	-0.11	0.13	2.44	-0.31	0.61	2.87	-0.39	0.22		
WHVBLB	2.16	0.73	0.65	1.73	0.43	0.37	2.53	0.59	1.14	2.91	0.01	0.70		
XRDAUR	2.09	-0.02	0.59	1.71	0.27	0.46	2.45	-0.26	0.99	2.92	0.08	0.67		
YB88UY	2.13	0.37	0.20	1.70	0.13	0.23	2.49	0.14	0.22	2.92	0.07	0.40		
YP87JG	2.15	0.55	0.31	1.73	0.43	0.18	2.48	0.10	0.16	2.97	0.63	0.31		
Z4NE3Y	2.12	0.22	0.49	1.71	0.19	0.23	2.48	0.03	0.87	2.92	0.15	0.12		
ZTMQA3	2.08	-0.13	0.71	1.67	-0.28	0.32	2.49	0.13	0.43	2.86	-0.51	0.67		

N- Dry Comb. (SubTestCode 210)					Data units: Percent	
	SRB1809	SRB1810	SRB1811	SRB1812		
Grand Median	2.10	1.69	2.47	2.91		
Median Abs Dev	0.04	0.03	0.04	0.04		
Avg Within Lab SD	0.05	0.06	0.04	0.04		
Labs Included	33	32	32	32		
Labs Reporting	33	33	33	33		



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S- Dry Comb. (SubTestCode 211)										Data units: Percent	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
JR3N2H	0.27		0.29	0.13		0.73	0.37		1.18	0.23	1.29
LKENXA	0.34		1.54	0.16		0.98	0.55		1.26	0.38	1.11
RDYVA8	0.26		0.74	0.13		1.22	0.37		0.18	0.25	0.32

S- Dry Comb. (SubTestCode 211)					Data units: Percent
	SRB1809	SRB1810	SRB1811	SRB1812	
Grand Median	0.27	0.13	0.37	0.25	
Median Abs Dev					
Avg Within Lab SD	0.00	0.00	0.02	0.01	
Labs Included	3	3	3	3	
Labs Reporting	3	3	3	3	



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P (SubTestCode 212) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	0.22	-0.17	0.78	0.20	0.32	0.88	0.42	-0.08	1.28	0.27	0.36	0.73	
3QBVGA	0.24	1.03	0.41	0.20	0.63	0.64	0.47	1.31	0.11	0.29	1.49	0.15	
4M7UPB	0.19	-1.68	0.86	0.16	-1.49	0.53	0.35	-1.87	0.43	0.25	-0.65	0.85	
84ZJFP	0.22	0.21	0.86	0.18	-0.78	0.53	0.42	-0.11	0.43	0.25	-0.65		
9NLFUU	0.20	-1.00	0.00	0.18	-0.60	0.00	0.40	-0.53	0.00	0.25	-0.65		
AKENUT	0.23	0.48	0.84	0.19	0.19	0.77	0.43	0.19	1.37	0.26	-0.33	0.18	
ATCG3M	0.21	-0.36	1.38	0.19	0.05	0.84	0.41	-0.20	1.34	0.24	-0.92	0.38	
AYYW2R	0.21	-0.38	1.19	0.18	-0.79	0.42	0.41	-0.38	0.08	0.24	-1.03	0.05	
B4PXAJ	0.25	1.72	1.29	0.22	1.54	0.23	0.49	1.66	0.13	0.30	1.94	0.23	
E8Y8YJ	0.22	0.24	1.75	0.20	0.52	0.45	0.43	0.11	1.96	0.25	-0.42	1.60	
ELDD9X	0.22	-0.18	0.00	0.20	0.21	0.11	0.43	0.11	0.08	0.27	0.32	0.27	
F8RKXV	0.21	-0.40	0.52	0.19	0.10	0.40	0.41	-0.25	1.03	0.26	-0.20	0.30	
FDGXYJ	0.20	-1.00	0.00	0.15	-2.21	0.00	0.39	-0.70	0.43	0.25	-0.65		
GJMUHJ	0.21	-0.42	0.32	0.18	-0.45	0.34	0.40	-0.44	0.62	0.25	-0.71	0.59	
HLKY2H	0.22	0.24	0.46	0.19	0.02	0.20	0.40	-0.62	1.58	0.27	0.12	0.46	
J6GEAL	0.21	-0.31	0.86	0.20	0.66	1.06	0.47	1.23	0.00	0.29	1.14	0.49	
JR3N2H	0.22	0.15	1.51	0.19	-0.10	0.72	0.50	1.89	0.70	0.26	-0.07	1.22	
JZ24WG	0.22	-0.03	0.37	0.19	-0.09	0.05	0.41	-0.16	0.11	0.26	-0.24	0.05	
LKENXA	0.21	-0.65	0.24	0.18	-0.70	0.19	0.40	-0.58	0.33	0.25	-0.86	0.17	
LNZ84E	0.26	2.31	0.26	0.23	2.02	0.43	0.51	2.13	0.39	0.32	2.80	0.31	
MDDLHG	0.22	0.03	0.00	0.19	-0.24	0.53	0.44	0.56	2.30	0.26	0.00	1.31	
NB2BUC	0.23	0.29	1.05	0.19	-0.06	0.00	0.42	-0.03	1.06	0.27	0.33	0.00	
NL3UFC	0.25	1.58	3.21	0.23	2.24	2.77	0.48	1.55	2.13	0.31	2.07	1.90	
NPNKH3	0.26	2.03	0.82	0.24	2.65	0.61	0.50	2.01	1.14	0.33	3.33X	0.88	
P6C9AC	0.21	-0.24	0.23	0.19	-0.02	0.11	0.43	0.16	0.17	0.27	0.13	0.26	
PJWQ3F	0.25	1.46	1.33	0.21	0.87	0.14	0.47	1.12	0.83	0.29	1.47	0.52	



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P (SubTestCode 212) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
PN42BA	0.22	0.17	0.37	0.20	0.71	0.36	0.44	0.43	0.15	0.29	1.23	0.12		
PNKFGY	0.23	0.33	1.91	0.22	1.50	4.83	0.45	0.61	2.36	0.28	0.73	1.48		
PZC4AD	0.20	-1.17	0.60	0.18	-0.45	0.92	0.40	-0.59	1.96	0.26	-0.03	1.24		
Q32UX3	0.23	0.55	1.48	0.20	0.48	0.92	0.47	1.14	0.43	0.28	0.65	1.31		
TM3KB9	0.20	-1.00	0.00	0.18	-0.60	0.00	0.40	-0.45	0.43	0.25	-0.65			
VAJUEB	0.24	1.22	0.21	0.21	1.09	0.10	0.48	1.43	0.23	0.27	0.48	3.70		
W76AF2	0.21	-0.68	0.03	0.18	-0.44	0.19	0.40	-0.59	0.63	0.25	-0.71	0.15		
WHVBLB	0.22	-0.14	0.86	0.19	-0.06	0.00	0.41	-0.20	0.87	0.27	0.16	0.99		
X6LRQ2	0.23	0.38	0.86	0.19	0.12	0.53	0.44	0.39	0.43	0.27	0.49	0.49		
Y6YWL6	0.20	-0.81	1.05	0.19	-0.33	0.33	0.42	0.03	0.71	0.25	-0.44	1.00		
YB88UY	0.21	-0.23	0.30	0.19	-0.15	0.24	0.42	-0.07	0.49	0.26	-0.13	0.29		
YP87JG	0.22	0.03	0.00	0.19	-0.06	0.00	0.42	-0.03	0.00	0.26	0.00	0.49		
YZ9LB7	0.20	-1.13	0.09	0.17	-1.13	0.08	0.39	-0.80	0.14	0.24	-1.04	0.07		
ZTMQA3	0.23	0.55	1.48	0.20	0.30	0.53	0.43	0.22	0.75	0.26	0.00	0.99		

P (SubTestCode 212) in the Wet Digestion Property Groups					Data units: Percent	
	SRB1809	SRB1810	SRB1811	SRB1812		
Grand Median	0.22	0.19	0.42	0.26		
Median Abs Dev	0.01	0.01	0.02	0.01		
Avg Within Lab SD	0.01	0.01	0.01	0.01		
Labs Included	40	40	40	39		
Labs Reporting	40	40	40	40		



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2	2.53	0.79	2.32	2.03	0.90	1.25	2.84	0.70	2.34	4.02	0.79	1.52
3QBVGA	2.69	1.50	0.58	2.06	1.10	0.17	3.06	1.78	0.15	4.32	1.76	0.19
4M7UPB	2.08	-1.34	0.34	1.65	-1.48	0.40	2.67	-0.16	0.31	3.75	-0.05	0.35
84ZJFP	2.33	-0.15	0.67	1.79	-0.58	0.26	2.60	-0.49	0.07	3.43	-1.09	0.28
9NLFUU	2.00	-1.70	2.72	1.81	-0.50	0.47	2.61	-0.45	1.05	3.62	-0.46	1.06
AKENUT	2.44	0.35	0.90	1.93	0.27	0.29	2.89	0.92	1.79	4.01	0.76	0.24
ATCG3M	2.57	0.94	1.02	1.95	0.43	0.65	2.82	0.59	0.40	3.92	0.49	0.19
AYYW2R	2.27	-0.43	0.48	1.73	-1.00	0.44	2.58	-0.60	0.94	3.46	-1.00	0.31
B4PXAJ	2.49	0.60	1.26	1.91	0.13	0.39	2.90	1.00	0.18	4.01	0.76	0.28
E8Y8YJ	2.17	-0.89	1.16	1.72	-1.06	0.53	2.51	-0.95	2.14	3.38	-1.24	1.84
ELDD9X	2.40	0.19	0.15	1.92	0.19	0.05	2.74	0.20	0.27	3.95	0.57	0.25
F8RKXV	2.34	-0.13	0.55	1.86	-0.17	0.14	2.64	-0.29	0.71	3.77	0.01	0.54
FDGXYJ	2.09	-1.30	0.08	1.42	-2.94X	0.05	2.48	-1.11	0.07	3.43	-1.09	0.15
GJMUHJ	2.32	-0.20	0.42	1.85	-0.23	0.42	2.70	0.01	0.45	3.74	-0.10	0.91
HLKY2H	2.44	0.34	0.59	1.89	0.00	0.55	2.64	-0.33	2.27	3.71	-0.19	0.49
J6GEAL	2.18	-0.88	1.40	1.67	-1.38	0.44	2.53	-0.83	0.54	3.33	-1.41	0.49
JR3N2H	2.60	1.08	0.66	1.98	0.55	0.39	3.26	2.74X	3.75	4.30	1.71	0.35
JZ24WG	2.65	1.31	0.18	1.91	0.15	0.09	2.94	1.16	0.47	3.90	0.43	0.09
LKENXA	2.47	0.51	0.03	1.91	0.12	0.05	2.88	0.90	0.25	3.91	0.44	0.58
LNZ84E	2.87	2.33	0.37	2.20	1.97	0.50	3.24	2.64	0.52	4.50	2.33	0.53
MDDLHG	2.32	-0.22	1.16	1.73	-0.96	0.05	2.73	0.16	1.46	3.71	-0.19	1.44
NB2BUC	2.48	0.51	0.48	1.50	-2.45	4.45	2.77	0.31	1.74	4.11	1.08	0.44
NL3UFC	2.31	-0.25	0.90	1.79	-0.62	0.50	2.67	-0.15	0.75	3.76	-0.03	0.44
NPNKH3	2.60	1.08	0.69	2.10	1.33	0.48	3.02	1.59	0.59	4.44	2.15	1.01
P6C9AC	2.46	0.45	0.41	1.89	0.04	0.12	2.91	1.03	0.20	4.06	0.93	0.32
PJWQ3F	2.25	-0.53	1.21	1.89	0.00	0.39	2.52	-0.88	0.75	3.76	-0.03	0.18



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PN42BA	2.26	-0.47	0.03	1.97	0.53	0.03	2.60	-0.50	0.02	3.77	0.01	0.03
PNKFGY	2.32	-0.22	2.77	1.97	0.52	3.65	2.76	0.31	1.96	3.84	0.22	1.95
PZC4AD	2.17	-0.91	0.55	1.73	-1.00	0.45	2.58	-0.60	1.52	3.70	-0.22	1.21
Q32UX3	2.40	0.15	0.78	1.77	-0.73	0.56	2.68	-0.12	1.06	3.72	-0.14	0.70
TM3KB9	2.21	-0.74	0.16	1.75	-0.83	0.26	2.55	-0.77	0.18	3.60	-0.54	0.00
VAJUEB	2.54	0.81	0.19	1.90	0.07	0.14	2.90	0.96	0.23	3.73	-0.12	4.16
W76AF2	2.24	-0.57	0.18	1.83	-0.36	0.24	2.56	-0.69	0.93	3.41	-1.13	0.98
WHVBLB	2.07	-1.37	1.45	1.60	-1.77	0.48	2.44	-1.28	0.70	3.39	-1.22	0.33
X6LRQ2	2.37	0.01	0.79	1.80	-0.54	0.00	2.70	-0.01	0.00	3.77	-0.01	0.40
Y6YWL6	2.38	0.06	1.10	1.90	0.08	0.21	2.81	0.55	0.18	3.90	0.41	1.08
YB88UY	2.36	-0.01	0.12	1.78	-0.64	0.12	2.70	0.00	0.65	3.90	0.42	0.61
YP87JG	2.44	0.34	0.16	1.89	0.00	0.17	2.83	0.62	0.36	3.93	0.52	0.44
YZ9LB7	2.28	-0.39	0.13	1.70	-1.17	0.03	2.66	-0.23	0.18	3.68	-0.28	0.06
ZTMQA3	2.57	0.94	0.82	1.96	0.44	0.12	2.79	0.44	0.81	3.97	0.63	0.76

K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

	SRB1809	SRB1810	SRB1811	SRB1812
Grand Median	2.36	1.89	2.70	3.77
Median Abs Dev	0.11	0.09	0.12	0.16
Avg Within Lab SD	0.07	0.13	0.09	0.14
Labs Included	40	39	39	40
Labs Reporting	40	40	40	40



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Ca (SubTestCode 214) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2	0.66	0.05	1.25	2.01	0.31	0.59	0.44	0.16	2.17	1.46	0.52	1.84
3QBVGA	0.75	1.16	0.15	2.19	1.56	0.33	0.48	0.89	0.07	1.57	1.43	0.18
4M7UPB	0.55	-1.54	2.28	1.46	-3.35X	0.51	0.51	1.53	0.81	1.16	-1.96	0.89
84ZJFP	0.81	2.03	0.45	2.04	0.51	0.57	0.56	2.42	1.40	1.44	0.35	0.17
9NLFUU	0.64	-0.32	0.26	1.91	-0.35	0.15	0.41	-0.47	0.00	1.37	-0.19	0.10
AKENUT	0.61	-0.74	0.60	1.81	-1.02	0.80	0.44	0.09	1.06	1.29	-0.84	0.27
ATCG3M	0.67	0.18	0.68	2.10	0.95	0.63	0.44	0.05	0.10	1.57	1.37	0.82
AYYW2R	0.58	-1.14	0.79	1.67	-1.93	0.20	0.35	-1.53	0.19	1.21	-1.55	0.27
B4PXAJ	0.71	0.72	1.96	2.08	0.82	0.55	0.47	0.76	0.27	1.51	0.95	0.89
E8Y8YJ	0.65	-0.14	1.36	1.92	-0.27	1.21	0.44	0.05	1.71	1.32	-0.60	1.78
ELDD9X	0.65	-0.19	0.23	2.03	0.44	0.18	0.42	-0.19	0.09	1.45	0.42	0.34
F8RKXV	0.66	0.00	0.42	1.96	0.00	0.30	0.43	-0.04	0.74	1.39	-0.03	0.36
FDGXYJ	0.58	-1.08	0.00	1.48	-3.22X	0.06	0.38	-0.98	0.31	1.27	-1.01	0.10
GJMUHJ	0.72	0.82	0.39	1.99	0.17	0.56	0.48	0.87	1.56	1.41	0.15	1.06
HLKY2H	0.69	0.45	1.64	1.98	0.15	0.92	0.41	-0.39	1.79	1.42	0.15	0.81
J6GEAL	0.59	-0.99	1.05	1.85	-0.73	0.75	0.40	-0.72	0.31	1.31	-0.73	0.61
JR3N2H	0.76	1.40	1.24	2.18	1.48	0.45	0.49	1.04	0.92	1.57	1.45	0.44
JZ24WG	0.68	0.22	0.43	1.91	-0.35	0.15	0.42	-0.27	0.08	1.40	0.02	0.04
LKENXA	0.65	-0.15	0.74	1.88	-0.53	0.25	0.44	0.20	0.12	1.40	0.00	0.66
LNZ84E	0.74	1.13	0.61	2.24	1.86	0.64	0.47	0.63	0.65	1.59	1.61	1.06
MDDLHG	0.68	0.27	1.20	1.90	-0.42	0.23	0.46	0.50	0.92	1.36	-0.27	0.50
NB2BUC	0.66	0.00	0.64	1.94	-0.13	0.00	0.41	-0.47	0.75	1.44	0.35	0.00
NL3UFC	0.75	1.22	1.58	2.30	2.25	1.80	0.49	1.15	0.66	1.65	2.07	1.38
NPNKH3	0.70	0.55	0.43	2.10	0.95	0.47	0.46	0.58	0.72	1.59	1.55	0.61
PJWQ3F	0.75	1.21	0.93	2.12	1.04	0.15	0.49	1.06	0.56	1.53	1.09	0.87
PN42BA	0.63	-0.39	0.10	1.99	0.21	0.02	0.41	-0.53	0.28	1.40	0.03	0.02



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Ca (SubTestCode 214) in the Wet Digestion Property Groups Data units: Percent

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PNKFGY	0.62	-0.60	3.01	1.98	0.10	5.07	0.39	-0.77	2.78	1.33	-0.51	2.32
PZC4AD	0.57	-1.22	0.54	1.74	-1.46	0.56	0.38	-1.10	1.37	1.26	-1.14	0.20
Q32UX3	0.84	2.44	1.36	2.11	1.00	0.46	0.54	2.04	2.31	1.38	-0.14	0.87
TM3KB9	0.63	-0.41	0.00	1.89	-0.47	0.10	0.41	-0.47	0.00	1.34	-0.43	0.10
VAJUEB	0.68	0.27	0.29	2.02	0.38	0.20	0.43	0.00	0.15	1.36	-0.31	3.72
W76AF2	0.63	-0.45	0.10	1.89	-0.50	0.36	0.39	-0.91	0.52	1.34	-0.48	0.27
WHVBLB	0.66	0.00	0.45	1.95	-0.07	0.79	0.42	-0.21	0.31	1.37	-0.22	0.52
X6LRQ2	0.69	0.45	0.52	1.94	-0.16	0.06	0.48	0.88	0.53	1.42	0.16	0.20
Y6YWL6	0.61	-0.62	0.64	1.89	-0.49	0.32	0.42	-0.36	0.31	1.35	-0.41	0.79
YB88UY	0.61	-0.71	0.29	1.92	-0.29	0.27	0.39	-0.94	0.40	1.33	-0.52	0.50
YP87JG	0.64	-0.23	0.26	1.96	0.00	0.20	0.41	-0.47	0.00	1.43	0.30	0.27
YZ9LB7	0.65	-0.14	0.13	1.89	-0.48	0.04	0.43	-0.03	0.15	1.38	-0.17	0.07
ZTMQA3	0.71	0.68	0.45	2.13	1.13	0.00	0.46	0.56	1.10	1.50	0.82	1.05

Ca (SubTestCode 214) in the Wet Digestion Property Groups Data units: Percent

	SRB1809	SRB1810	SRB1811	SRB1812
Grand Median	0.66	1.96	0.43	1.40
Median Abs Dev	0.04	0.07	0.03	0.06
Avg Within Lab SD	0.02	0.10	0.02	0.06
Labs Included	39	37	39	39
Labs Reporting	39	39	39	39



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Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2A2UY2	0.27	0.09	1.68	0.48	0.03	0.47	0.31	0.10	2.26	0.47	0.65	1.28	
3QBVGA	0.30	1.09	0.28	0.53	1.00	0.43	0.33	0.97	0.25	0.50	1.41	0.06	
4M7UPB	0.22	-1.57	2.66	0.36	-2.60	0.87	0.25	-1.83		0.38	-1.93	2.02	
84ZJFP	0.31	1.51	1.06	0.53	1.01	0.51	0.33	1.03	1.35	0.46	0.39	0.29	
9NLFUU	0.26	-0.39	0.61	0.47	-0.22	0.44	0.29	-0.57	0.51	0.44	-0.17	0.29	
AKENUT	0.28	0.36	1.09	0.48	0.00	0.78	0.30	0.00	1.20	0.45	-0.12	0.53	
ATCG3M	0.26	-0.22	0.62	0.48	0.00	0.18	0.31	0.32	0.17	0.45	-0.05	0.33	
AYYW2R	0.24	-1.12	0.11	0.41	-1.47	0.33	0.26	-1.42	0.44	0.32	-3.47X	3.41	
B4PXAJ	0.28	0.44	0.80	0.50	0.53	0.11	0.32	0.56	0.26	0.46	0.26	0.41	
E8Y8YJ	0.27	0.09	1.06	0.48	0.00	1.31	0.30	-0.23	2.70	0.43	-0.45	2.04	
ELDD9X	0.28	0.57	0.20	0.51	0.74	0.14	0.32	0.51	0.00	0.49	1.12	0.30	
F8RKXV	0.26	-0.33	0.86	0.47	-0.20	0.22	0.28	-0.72	1.06	0.43	-0.49	0.32	
FDGXYJ	0.24	-0.98	0.00	0.36	-2.53	0.25	0.27	-1.14	0.00	0.40	-1.28	0.29	
GJMUHJ	0.26	-0.36	0.45	0.50	0.41	0.68	0.29	-0.50	0.55	0.46	0.37	0.93	
HLKY2H	0.27	-0.07	0.47	0.47	-0.27	0.48	0.28	-0.81	1.39	0.43	-0.43	0.47	
J6GEAL	0.21	-2.16	0.61	0.43	-1.16	0.67	0.27	-1.26	0.51	0.40	-1.47	0.58	
JR3N2H	0.32	1.93	0.45	0.55	1.62	0.35	0.35	1.76	0.86	0.53	2.26	0.50	
JZ24WG	0.27	0.20	0.66	0.51	0.57	0.66	0.31	0.08	0.72	0.45	0.07	0.27	
LKENXA	0.26	-0.43	0.12	0.47	-0.30	0.36	0.29	-0.53	0.05	0.44	-0.17	0.34	
LNZ84E	0.31	1.39	0.35	0.54	1.27	0.28	0.34	1.36	0.56	0.50	1.43	0.97	
MDDLHG	0.26	-0.27	1.06	0.46	-0.43	0.00	0.29	-0.34	1.02	0.43	-0.54	1.34	
NB2BUC	0.28	0.44	0.00	0.52	0.76	0.31	0.31	0.23	1.25	0.50	1.27	0.36	
NL3UFC	0.31	1.36	1.64	0.56	1.69	1.06	0.35	1.52	0.76	0.52	1.99	1.04	
NPNKH3	0.27	0.04	0.85	0.50	0.38	0.37	0.29	-0.35	0.35	0.47	0.45	0.84	
PJWQ3F	0.27	-0.09	1.06	0.48	0.04	0.42	0.29	-0.47	1.06	0.47	0.43	0.53	
PN42BA	0.28	0.27	0.19	0.50	0.51	0.18	0.31	0.11	0.49	0.48	0.75	1.06	



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Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PNKFGY	0.25	-0.46	3.14	0.50	0.50	5.42	0.29	-0.36	2.41	0.45	-0.02	1.83	
PZC4AD	0.23	-1.23	0.80	0.45	-0.69	0.46	0.27	-1.06	1.24	0.43	-0.51	1.06	
Q32UX3	0.32	1.98	1.22	0.47	-0.15	0.67	0.35	1.60	0.89	0.47	0.57	0.00	
TM3KB9	0.26	-0.27	0.00	0.48	-0.07	0.25	0.29	-0.46	0.00	0.44	-0.26	0.00	
VAJUEB	0.28	0.60	0.27	0.51	0.62	0.17	0.32	0.58	0.11	0.45	-0.02	3.51	
W76AF2	0.23	-1.25	0.25	0.46	-0.45	0.27	0.29	-0.52	0.85	0.42	-0.74	0.28	
WHVBLB	0.24	-0.86	1.22	0.43	-1.16	0.67	0.27	-1.03	1.35	0.41	-1.19	0.77	
X6LRQ2	0.27	0.21	0.61	0.48	0.07	0.51	0.31	0.11	0.51	0.45	0.02	0.50	
Y6YWL6	0.27	0.04	0.79	0.50	0.45	0.28	0.31	0.13	0.09	0.46	0.25	0.82	
YB88UY	0.24	-1.05	0.33	0.46	-0.39	0.28	0.27	-1.21	0.54	0.43	-0.51	0.31	
YP87JG	0.26	-0.15	0.61	0.48	0.00	0.00	0.31	0.11	0.51	0.45	0.11	0.29	
YZ9LB7	0.27	0.00	0.06	0.45	-0.65	0.07	0.30	0.03	0.06	0.43	-0.45	0.10	
ZTMQA3	0.28	0.44	1.06	0.54	1.37	0.51	0.31	0.34	0.51	0.49	1.04	0.77	

Mg (SubTestCode 215) in the Wet Digestion Property Groups					Data units: Percent
	SRB1809	SRB1810	SRB1811	SRB1812	
Grand Median	0.27	0.48	0.30	0.45	
Median Abs Dev	0.01	0.02	0.02	0.02	
Avg Within Lab SD	0.01	0.02	0.01	0.02	
Labs Included	39	39	39	38	
Labs Reporting	39	39	39	39	



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S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2	0.25	-0.03	0.18	0.13	-0.06	0.40	0.37	0.29	1.31	0.25	0.41	0.75
3QBVGA	0.27	0.80	1.58	0.14	0.56	1.71	0.40	0.92	1.17	0.27	1.09	1.27
4M7UPB	0.22	-1.16	0.96	0.11	-1.35	1.60	0.25	-2.99X	2.57	0.24	-0.15	2.61
84ZJFP	0.26	0.41	0.68	0.13	0.06	1.60	0.36	-0.18	0.49	0.24	-0.29	1.01
9NLFUU	0.25	-0.10		0.13	-0.18	0.92	0.36	-0.09	0.84	0.24	-0.15	0.87
AKENUT	0.27	0.82	0.85	0.13	-0.11	1.06	0.39	0.63	1.37	0.25	0.13	0.09
ATCG3M	0.25	0.09	0.22	0.12	-0.54	0.14	0.37	0.11	0.19	0.24	-0.28	0.19
AYYW2R	0.23	-0.81	1.58	0.11	-1.46	1.49	0.33	-0.85	0.34	0.21	-1.30	0.31
B4PXAJ	0.30	1.86	0.54	0.15	1.44	0.65	0.45	2.24	0.41	0.30	2.11	1.36
E8Y8YJ	0.25	0.03	2.44	0.14	0.76	1.60	0.35	-0.36	3.36	0.24	-0.02	1.33
EJAFZP	0.24	-0.35	0.68	0.12	-0.41	0.92	0.36	0.00	0.49	0.26	0.78	1.33
ELDD9X	0.26	0.28	0.13	0.13	0.07	0.10	0.38	0.39	0.19	0.26	0.59	0.22
F8RKXV	0.24	-0.67	0.42	0.14	0.69	0.42	0.33	-0.90	0.98	0.24	-0.06	0.27
FDGXYJ	0.21	-1.49	0.68	0.09	-2.75X	0.00	0.32	-1.18	0.00	0.21	-1.36	0.00
GJMUHJ	0.25	-0.07	0.59	0.14	0.68	0.24	0.35	-0.45	1.00	0.24	-0.04	0.91
HLKY2H	0.26	0.21	0.29	0.12	-0.41	0.41	0.35	-0.38	1.58	0.24	0.02	0.53
J6GEAL	0.24	-0.35	0.68	0.15	1.70	0.92	0.41	1.27	0.00	0.28	1.59	1.01
JR3N2H	0.22	-1.28	0.37	0.13	0.34	0.20	0.31	-1.57	0.09	0.22	-1.04	0.32
JZ24WG	0.26	0.45	0.49	0.15	1.23	0.18	0.37	0.08	0.21	0.26	0.57	0.00
LNZ84E	0.29	1.30	0.12	0.18	3.49X	0.82	0.40	0.88	0.14	0.30	2.14	0.27
MDDLHG	0.25	0.03	0.68	0.11	-1.35	0.00	0.37	0.09	2.12	0.24	-0.15	0.87
NB2BUC	0.27	0.67	1.66	0.14	0.41	1.13	0.38	0.32	0.59	0.27	0.85	0.62
NL3UFC	0.28	0.88	2.50	0.14	0.95	0.49	0.40	0.99	0.30	0.27	1.07	0.79
NPNKH3	0.30	1.97	1.13	0.16	2.34	0.33	0.43	1.90	0.23	0.31	2.63	1.02
PJWQ3F	0.27	0.55	0.85	0.14	0.72	0.51	0.38	0.42	1.01	0.26	0.78	0.28
PN42BA	0.25	-0.17	0.21	0.13	-0.20	0.25	0.36	-0.22	0.34	0.25	0.21	0.18



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S (SubTestCode 216) in the Wet Digestion Property Groups Data units: Percent

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PNKFGY	0.24	-0.62	1.35	0.12	-0.33	3.80	0.35	-0.49	1.61	0.23	-0.55	0.77
PZC4AD	0.23	-0.97	1.13	0.12	-0.69	0.72	0.34	-0.64	1.65	0.24	-0.21	1.01
Q32UX3	0.37	4.61X	0.68	0.09	-2.75X	1.60	0.54	4.80X	1.46	0.33	3.33X	0.50
TM3KB9	0.25	-0.10		0.12	-0.64	0.00	0.35	-0.45	0.97	0.24	-0.15	0.00
VAJUEB	0.28	1.15	0.41	0.14	0.41	0.16	0.41	1.26	0.25	0.25	0.43	3.63
W76AF2	0.24	-0.33	0.48	0.12	-0.51	0.06	0.35	-0.31	0.36	0.24	-0.22	0.31
WHVBLB	0.21	-1.49	1.79	0.11	-1.58	0.92	0.31	-1.45	0.84	0.21	-1.23	0.50
X6LRQ2	0.26	0.41	0.68	0.13	0.06	0.00	0.38	0.54	0.49	0.26	0.52	0.50
Y6YWL6	0.23	-0.90	0.12	0.13	-0.06	0.72	0.34	-0.57	0.81	0.23	-0.41	0.13
YB88UY	0.27	0.51	0.28	0.14	0.74	0.26	0.38	0.47	0.53	0.26	0.85	0.48
YP87JG	0.23	-0.86	0.00	0.12	-0.64	0.00	0.33	-0.91	0.00	0.23	-0.56	0.00
YZ9LB7	0.23	-0.79	0.16	0.12	-0.54	0.08	0.33	-0.81	0.20	0.23	-0.45	0.13
ZTMQA3	0.27	0.67	1.17	0.13	0.06	0.00	0.38	0.36	0.49	0.25	0.25	0.87

S (SubTestCode 216) in the Wet Digestion Property Groups Data units: Percent

	SRB1809	SRB1810	SRB1811	SRB1812
Grand Median	0.25	0.13	0.36	0.24
Median Abs Dev	0.02	0.01	0.02	0.01
Avg Within Lab SD	0.01	0.01	0.01	0.01
Labs Included	38	36	37	38
Labs Reporting	39	39	39	39



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Na (SubTestCode 217) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2	0.115	0.387	1.074				0.073	0.402	1.842	0.057	0.362	1.050
3QBVGA	0.119	0.768	0.279	0.004	-0.067	0.258	0.075	0.586	0.270	0.058	0.412	0.007
84ZJFP	0.120	0.847	1.528	0.013	1.191	1.395	0.073	0.402	1.514	0.060	0.763	0.000
9NLFUU	0.110	-0.014	0.000	0.010	0.728	0.000	0.073	0.402	1.514	0.060	0.763	0.000
AKENUT	0.110	0.014	0.689	0.003	-0.230	0.024	0.072	0.217	1.015	0.056	0.116	0.384
ATCG3M	0.112	0.141	0.263	0.024	2.713	2.012	0.074	0.521	0.328	0.056	0.182	0.310
AYYW2R	0.102	-0.674	0.233	0.002	-0.430	0.139	0.064	-0.724	0.524	0.049	-0.891	0.277
B4PXAJ	0.118	0.674	0.551	0.003	-0.267	0.014	0.077	0.849	0.521	0.057	0.272	0.085
E8Y8YJ	0.100	-0.875	0.000	0.010	0.728	0.000	0.063	-0.804	1.514	0.047	-1.242	1.602
ELDD9X	0.106	-0.331	0.000	0.004	-0.166	0.149	0.068	-0.299	0.000	0.055	-0.046	0.000
F8RKXV	0.112	0.129	0.636	0.005	-0.013	0.279	0.069	-0.161	0.546	0.054	-0.190	0.160
FDGXYJ	0.101	-0.789	0.000	0.002	-0.383	0.000	0.065	-0.603	0.000	0.050	-0.691	0.160
HLKY2H	0.107	-0.236	0.256	0.005	0.000	0.077	0.065	-0.573	1.281	0.052	-0.427	0.328
J6GEAL	0.095	-1.277	0.722				0.064	-0.764	0.151	0.046	-1.292	0.424
JR3N2H	0.111	0.102	0.437	0.005	0.030	0.026	0.072	0.193	0.584	0.055	0.009	0.552
JZ24WG	0.109	-0.129	0.233				0.067	-0.362	0.000	0.050	-0.741	0.000
LNZ84E	0.138	2.434	0.302	0.010	0.686	0.598	0.089	2.302	0.626	0.071	2.422	0.537
MDDLHG	0.140	2.568	1.528	0.013	1.191	1.395	0.097	3.218	3.028	0.070	2.266	2.774
NL3UFC	0.128	1.507	4.362	0.032	3.831	4.015	0.102	3.862	1.202	0.075	3.018	1.942
NPNKH3	0.111	0.072	0.551	0.003	-0.275	0.016	0.069	-0.145	0.273	0.055	-0.009	0.441
PJWQ3F	0.106	-0.330	0.842	0.009	0.566	0.124	0.067	-0.362	1.039	0.056	0.166	0.312
PNKFGY	0.107	-0.238	0.915				0.073	0.305	0.659	0.055	0.035	0.934
PZC4AD	0.095	-1.306	0.093	0.002	-0.318	0.028	0.064	-0.744	0.702	0.050	-0.706	0.666
TM3KB9	0.110	-0.014	0.000	0.010	0.728	0.000	0.070	0.000	0.000	0.110	8.281X	0.000
VAJUEB	0.114	0.364	0.331	0.003	-0.305	0.014	0.072	0.221	0.092	0.052	-0.455	2.269
Y6YWL6	0.107	-0.301	0.882	0.009	0.636	0.608	0.068	-0.282	1.060	0.054	-0.139	1.468



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Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent
WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
YB88UY	0.109	-0.099	0.197	0.003	-0.266	0.049	0.068	-0.256	0.675	0.053	-0.269	0.350
YP87JG	0.110	-0.014	0.000	0.002	-0.383	0.000	0.070	0.000	0.000	0.050	-0.741	0.000
YZ9LB7	0.142	2.752	0.237	0.038	4.684X	0.199	0.106	4.368X	0.114	0.085	4.571X	0.226
ZTMQA3	0.120	0.847	0.000	0.010	0.728	0.000	0.070	0.000	0.000	0.057	0.262	1.602

Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent
	SRB1809			SRB1810			SRB1811			SRB1812		
Grand Median	0.11			0.005			0.070			0.055		
Median Abs Dev	0.00			0.003			0.003			0.003		
Avg Within Lab SD	0.01			0.004			0.004			0.004		
Labs Included	30			25			29			28		
Labs Reporting	30			26			30			30		



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AI (SubTestCode 218) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3QBVGA	1.3	-3.8X	0.0	0.9	-3.0X	0.0	1.1	-5.5X	0.0	1.1	-3.8X	0.0
84ZJFP	156.0	-1.0	0.5	86.7	-1.4	0.1	96.0	-1.4	0.5	58.7	-1.3	0.2
9NLFUU	278.0	1.2	0.5	217.3	1.1	1.1	141.5	0.6	1.3	115.0	1.1	1.0
AKENUT	210.7	0.0	0.3	154.3	-0.1	0.5	113.7	-0.6	1.2	78.9	-0.4	0.2
AYYW2R	192.5	-0.3	0.4	136.3	-0.4	0.5	107.4	-0.9	0.6	76.9	-0.5	1.0
B4PXAJ	237.3	0.5	0.4	164.3	0.1	0.2	130.7	0.1	0.3	92.1	0.1	0.0
E8Y8YJ	200.2	-0.2	0.8	149.1	-0.2	0.8	108.8	-0.8	1.1	76.4	-0.5	0.7
ELDD9X	269.2	1.1	0.2	228.2	1.3	0.3	130.0	0.1	0.3	111.4	1.0	0.2
F8RKXV	185.1	-0.4	0.4	128.7	-0.6	0.3	106.0	-1.0	0.4	79.0	-0.4	0.1
J6GEAL	238.0	0.5	0.2	175.7	0.3	0.3	130.0	0.1	0.2	90.0	0.0	0.2
JR3N2H	304.4	1.7	0.5	266.7	2.0	0.5	175.3	2.0	2.0	123.6	1.5	1.5
JZ24WG	258.4	0.9	0.1	205.3	0.8	0.4	132.1	0.2	0.2	104.2	0.6	0.2
LNZ84E	335.1	2.3	0.7	245.8	1.6	0.3	158.1	1.3	0.9	121.5	1.4	1.7
MDDLHG	175.3	-0.6	1.3	97.0	-1.2	0.1	103.0	-1.1	1.2	60.3	-1.2	0.5
NB2BUC	291.6	1.5	3.8	207.6	0.9	1.7	138.5	0.4	1.1	116.5	1.2	1.0
NPNKH3	208.3	0.0	0.3	153.0	-0.1	0.2	124.7	-0.2	0.4	92.3	0.1	0.5
PNKFGY	208.1	0.0	0.9	167.2	0.1	3.0	145.7	0.7	2.1	98.6	0.4	1.0
PZC4AD	200.7	-0.2	0.4	157.7	0.0	1.2	114.0	-0.6	1.4	88.2	0.0	0.8
VAJUEB	207.5	0.0	0.2	140.4	-0.4	0.1	133.2	0.2	0.5	81.8	-0.3	2.3
YB88UY	226.2	0.3	0.0	162.9	0.0	0.4	126.9	-0.1	0.5	86.9	-0.1	0.4
ZTMQA3	169.0	-0.7	0.3	115.0	-0.8	1.8	103.0	-1.1	0.5	63.0	-1.1	1.9



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AI (SubTestCode 218) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1809	SRB1810	SRB1811	SRB1812	
Grand Median	209.5	160.3	128.4	89.1	
Median Abs Dev	28.2	27.8	14.6	12.4	
Avg Within Lab SD	20.1	14.3	5.8	6.5	
Labs Included	20	20	20	20	
Labs Reporting	21	21	21	21	



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B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2	14.1	-0.9	0.7	49.1	-1.0	1.5	5.9	-0.4	1.0	20.6	-0.5	1.9
3QBVGA	14.8	-0.7	0.2	57.5	0.3	0.1	3.2	-1.9	0.2	21.1	-0.3	0.3
4M7UPB	14.6	-0.8	0.1	43.7	-1.9	0.5	6.8	0.1	0.2	18.0	-1.4	2.1
84ZJFP	20.0	1.0	0.6	54.7	-0.1	0.5	8.0	0.7	0.6	22.0	0.0	0.7
9NLFUU	14.6	-0.8	0.5	52.2	-0.5	0.4	7.1	0.2	0.3	21.4	-0.2	0.9
AKENUT	19.7	0.9	0.3	59.3	0.6	0.2	7.8	0.6	0.0	24.7	0.9	0.4
ATCG3M	17.3	0.1	0.2	58.8	0.5	0.2	6.2	-0.3	0.1	22.7	0.2	0.5
AYYW2R	16.6	-0.1	0.0	54.8	-0.1	0.5	6.7	0.0	0.3	22.1	0.0	0.1
B4PXAJ	20.8	1.3	0.5	72.0	2.6	0.6	8.9	1.2	0.3	28.5	2.1	0.7
E8Y8YJ	21.1	1.4	0.8	60.0	0.7	1.1	10.3	2.0	1.3	24.9	0.9	1.2
ELDD9X	15.2	-0.6	0.2	51.9	-0.6	0.2	6.8	0.1	0.4	21.4	-0.2	0.0
F8RKXV	15.9	-0.4	0.3	53.8	-0.3	0.2	6.2	-0.3	0.1	21.7	-0.1	0.3
FBAMWN	19.3	0.8	0.7	60.6	0.8	0.2	9.1	1.3	1.4	25.2	1.0	0.4
FDGXYJ	11.5	-1.8	0.0	33.2	-3.5X	0.2	4.9	-1.0	0.0	16.4	-1.9	0.1
GJMUHJ	15.1	-0.6	0.4	47.0	-1.4	0.7	5.8	-0.5	0.2	18.5	-1.2	0.5
J6GEAL	14.3	-0.9	0.3	47.7	-1.2	1.1	6.0	-0.4		20.3	-0.6	0.4
JR3N2H	17.6	0.2	0.6	55.6	0.0	0.4	5.2	-0.8	0.6	22.1	0.0	0.8
JZ24WG	17.1	0.1	0.1	57.3	0.3	0.3	5.8	-0.5	0.1	22.6	0.2	0.1
LKENXA	18.1	0.4	2.8	52.7	-0.5	1.3	8.3	0.9	4.9	26.4	1.4	2.2
LNZ84E	15.2	-0.6	2.1	71.7	2.6	1.6	-3.8	-5.8X	1.1	24.2	0.7	2.1
MDDLHG	14.7	-0.8	1.4	46.7	-1.4	0.8	6.0	-0.4		18.3	-1.3	0.4
NB2BUC	22.0	1.7	3.9	55.5	0.0	1.2	7.0	0.2	0.8	21.0	-0.4	
NL3UFC	15.9	-0.3	1.1	60.2	0.7	1.7	8.1	0.8	1.0	26.2	1.4	1.9
NPNKH3	16.9	0.0	0.4	54.8	-0.1	0.1	6.6	-0.1	0.1	21.4	-0.2	0.4
PJWQ3F	20.0	1.0	0.3	59.6	0.6	0.2	7.1	0.2	0.4	24.8	0.9	0.7
PN42BA	29.2	4.1X	0.0	58.7	0.5	0.0	22.2	8.5X	0.0	35.1	4.3X	0.0



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B (SubTestCode 219) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PNKFGY	17.3	0.1	0.4	59.5	0.6	4.2	6.5	-0.1	0.2	23.2	0.4	0.9	
PZC4AD	13.5	-1.1	0.2	48.9	-1.1	0.7	5.6	-0.6	0.3	19.8	-0.8	0.3	
TM3KB9	21.3	1.5	0.3	60.7	0.8	0.3	13.6	3.8	0.0	28.4	2.1	0.3	
VAJUEB	16.4	-0.2	0.3	56.9	0.2	0.2	5.5	-0.7	0.2	20.9	-0.4	2.3	
W76AF2	17.5	0.2	0.3	55.6	0.0	0.4	7.3	0.3	0.4	22.9	0.3	0.6	
WHVBLB	14.0	-1.0	0.8	50.3	-0.8	0.7	5.3	-0.8	0.3	19.8	-0.8	0.9	
X6LRQ2	17.3	0.1	0.1	53.1	-0.4	0.3	7.4	0.4	0.2	22.4	0.1	0.7	
Y6YWL6	18.1	0.4	0.6	57.0	0.2	0.7	7.8	0.6	0.6	23.3	0.4	0.7	
YB88UY	12.1	-1.6	0.0	56.4	0.1	0.4				18.6	-1.2	0.2	
YP87JG	15.2	-0.6	0.2	52.5	-0.5	0.2	5.0	-1.0	0.0	21.0	-0.4	0.1	
YZ9LB7	17.6	0.2	0.1	52.1	-0.6	0.1	7.6	0.5	0.3	22.4	0.1	0.1	
ZTMQA3	17.0	0.0	1.1	57.3	0.3	0.9	6.7	0.0	0.3	22.7	0.2	1.0	

B (SubTestCode 219) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1809	SRB1810	SRB1811	SRB1812	
Grand Median	16.9	55.6	6.70	22.1	
Median Abs Dev	1.8	3.3	0.91	1.2	
Avg Within Lab SD	1.8	2.9	1.71	1.5	
Labs Included	37	37	35	37	
Labs Reporting	38	38	37	38	



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Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2	23.0	-0.1	1.4	13.2	0.0	1.4	37.4	0.3	3.1	37.8	0.5	1.6
3QBVGA	26.0	1.4	0.5	15.5	1.3	0.5	41.5	1.5	0.2	42.5	2.4	0.2
4M7UPB	23.5	0.2	0.8	24.0	6.6X	4.8	29.0	-2.1	1.3	17.9	-7.6X	0.4
84ZJFP	28.0	2.4	0.8	16.0	1.7	1.6	40.0	1.1	0.7	38.0	0.6	1.2
9NLFUU	23.8	0.3	0.7	13.5	0.1	1.0	37.1	0.2	0.6	37.7	0.4	0.5
AKENUT	22.5	-0.4	0.4	12.2	-0.7	1.0	34.3	-0.6	0.9	34.1	-1.0	0.1
ATCG3M	23.3	0.0	0.3	12.7	-0.4	0.5	36.4	0.0	0.5	34.8	-0.7	0.3
AYYW2R	24.2	0.5	0.3	8.9	-2.7	0.5	34.8	-0.4	0.6	34.5	-0.9	0.2
B4PXAJ	23.6	0.2	0.6	13.0	-0.2	0.4	36.3	0.0	0.2	36.0	-0.3	0.5
E8Y8YJ	25.5	1.1	0.6	15.3	1.3	2.3	38.1	0.5	1.3	37.9	0.5	1.7
ELDD9X	22.4	-0.4	0.2	13.3	0.0	0.5	35.4	-0.2	0.1	37.1	0.2	0.3
F8RKXV	21.9	-0.6	0.2	12.3	-0.6	0.6	34.3	-0.6	0.7	35.8	-0.3	0.6
FDGXYJ	14.3	-4.5X	0.4	6.4	-4.2X	0.2	23.2	-3.8X	0.0	22.7	-5.7X	0.2
GJMUHJ	21.4	-0.9	1.2	12.7	-0.4	0.8	26.2	-2.9	1.3	33.2	-1.4	1.4
HLKY2H	24.7	0.8	0.9	13.7	0.3	1.7	34.9	-0.4	1.7	36.6	0.0	0.4
J6GEAL	22.7	-0.3	0.5	12.7	-0.4	0.9	36.7	0.1	0.4	36.3	-0.1	0.8
JR3N2H	24.3	0.5	0.9	14.2	0.5	0.5	38.6	0.7	1.2	38.1	0.6	0.5
JZ24WG	24.6	0.7	0.3	13.7	0.3	0.3	37.2	0.3	0.1	38.8	0.9	0.1
LKENXA	23.1	-0.1	0.1	11.8	-0.9	0.4	34.1	-0.6	0.4	34.2	-1.0	0.4
LNZ84E	26.9	1.9	0.4	14.9	1.0	0.6	42.5	1.8	0.4	42.6	2.4	0.4
MDDLHG	26.7	1.7	4.5	12.0	-0.8		39.0	0.8	2.0	38.0	0.6	1.2
NB2BUC	22.5	-0.4	0.6	15.5	1.4	1.1	33.0	-0.9	0.9	38.0	0.6	
NL3UFC	29.9	3.4X	2.5	18.4	3.2X	4.8	49.6	3.9X	2.7	53.6	6.9X	5.5
NPNKH3	20.7	-1.3	0.4	11.7	-1.0	0.4	32.6	-1.0	0.4	34.4	-0.9	0.5
PJWQ3F	24.1	0.5	1.7	11.3	-1.2	2.1	38.4	0.6	1.1	38.3	0.7	0.8
PN42BA	23.1	0.0	0.0	13.3	0.0	0.0	37.5	0.4	0.2	36.7	0.0	0.0



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Zn (SubTestCode 220) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PNKFGY	23.1	-0.1	1.0	15.6	1.4	1.8	34.1	-0.6	1.6	34.8	-0.7	0.7	
PZC4AD	20.5	-1.4	0.3	12.1	-0.7	0.5	33.4	-0.8	1.0	35.6	-0.4	1.4	
Q32UX3	22.4	-0.4	0.5	12.8	-0.3	1.4	34.2	-0.6	1.3	34.0	-1.1	0.5	
TM3KB9	30.0	3.4X	8.9	14.2	0.6	0.2	38.5	0.6	0.0	38.6	0.8	0.1	
VAJUEB	25.0	0.9	0.1	13.7	0.2	0.4	38.9	0.8	0.2	36.7	0.0	4.0	
W76AF2	24.0	0.4	0.7	13.3	0.0	0.4	36.8	0.2	0.6	35.3	-0.5	0.4	
WHVBLB	24.8	0.8	0.2	14.1	0.5	0.5	37.1	0.2	0.8	39.8	1.3	0.9	
X6LRQ2	22.3	-0.4	0.9	12.3	-0.6	0.9	34.0	-0.7	0.7	35.7	-0.4	0.8	
Y6YWL6	21.4	-0.9	0.8	14.6	0.8	1.7	35.3	-0.3	0.8	35.4	-0.5	0.7	
YB88UY	22.9	-0.2	0.1	12.2	-0.7	0.3	35.9	-0.1	0.5	36.8	0.1	0.7	
YP87JG	22.0	-0.6	0.2	11.6	-1.0	0.4	34.7	-0.5	0.3	35.7	-0.4	0.3	
YZ9LB7	21.1	-1.1	0.1	13.7	0.3	0.3	32.4	-1.1	0.2	34.1	-1.0	0.2	
ZTMQA3	24.3	0.6	0.5	13.3	0.0	0.9	37.3	0.3	1.0	37.0	0.1	0.7	

Zn (SubTestCode 220) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1809	SRB1810	SRB1811	SRB1812	
Grand Median	23.2	13.3	36.3	36.6	
Median Abs Dev	1.0	0.9	2.0	1.4	
Avg Within Lab SD	1.2	0.6	1.5	1.4	
Labs Included	36	36	37	36	
Labs Reporting	39	39	39	39	



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Mn (SubTestCode 221) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2	96.0	0.1	1.3	55.2	0.3	1.2	105.9	0.4	2.0	49.6	0.3	1.2
3QBVGA	106.3	1.4	0.2	58.1	0.8	0.5	124.1	2.4	0.2	53.2	1.1	0.2
4M7UPB	83.7	-1.5	1.0	43.3	-1.9	0.3	82.3	-2.3	0.4	43.7	-0.9	1.0
84ZJFP	100.7	0.7	1.1	58.0	0.8	1.5	105.3	0.3	0.3	49.7	0.3	0.2
9NLFUU	94.9	-0.1	0.7	52.2	-0.2	1.1	103.1	0.0	0.9	48.2	0.0	0.4
AKENUT	89.8	-0.7	1.3	48.1	-1.0	1.2	96.1	-0.7	1.1	43.0	-1.0	0.4
ATCG3M	99.5	0.5	0.5	53.0	-0.1	0.4	108.3	0.6	0.4	47.0	-0.2	0.3
AYYW2R	91.6	-0.5	0.3	48.7	-0.9	0.1	97.9	-0.5	0.5	44.5	-0.7	0.2
B4PXAJ	97.6	0.3	1.0	53.9	0.1	0.6	105.7	0.3	0.2	48.1	0.0	0.3
E8Y8YJ	100.5	0.7	0.4	55.9	0.4	2.0	99.4	-0.4	1.8	47.7	-0.1	1.8
ELDD9X	93.4	-0.3	0.1	53.3	0.0	0.1	101.0	-0.2	0.1	49.0	0.2	0.1
F8RKXV	96.4	0.1	0.8	55.2	0.3	0.7	102.8	0.0	1.2	48.1	0.0	0.1
FDGXYJ	79.3	-2.1	0.2	38.7	-2.7	0.3	88.3	-1.6	0.2	40.7	-1.5	0.2
GJMUHJ	95.1	0.0	1.2	52.9	-0.1	1.3	100.8	-0.2	0.9	46.7	-0.3	0.9
HLKY2H	94.3	-0.1	0.3	51.2	-0.4	0.7	96.0	-0.7	1.7	46.0	-0.4	0.4
J6GEAL	84.3	-1.4	0.9	50.3	-0.6	0.9	97.3	-0.6	0.6	43.7	-0.9	0.2
JR3N2H	113.4	2.3	1.8	60.8	1.3	1.1	119.9	1.9	1.7	54.5	1.4	0.8
JZ24WG	95.8	0.0	0.5	54.5	0.2	0.2	100.5	-0.2	0.1	48.6	0.1	0.1
LKENXA	99.5	0.5	1.9	53.6	0.0	1.2	108.3	0.6	1.6	49.7	0.4	2.6
LNZ84E	108.4	1.7	1.3	58.8	1.0	1.1	118.1	1.7	1.3	54.1	1.3	0.8
MDDLHG	95.7	0.0	1.9	53.0	-0.1	0.6	105.0	0.3	1.5	48.0	0.0	1.4
NB2BUC	96.5	0.1	0.8	52.5	-0.2	0.4	102.5	0.0	1.4	49.5	0.3	0.3
NL3UFC	109.1	1.8	1.2	62.5	1.7	2.4	118.0	1.7	1.4	57.3	1.9	1.2
NPNKH3	102.0	0.9	0.7	60.3	1.3	0.5	112.0	1.0	0.6	57.0	1.9	0.5
PJWQ3F	91.7	-0.5	2.2	40.2	-2.5	1.5	99.3	-0.4	0.2	34.9	-2.7	1.6
PN42BA	95.0	-0.1	0.0	53.8	0.1	0.0	103.2	0.1	0.0	47.7	0.0	0.0



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Mn (SubTestCode 221) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PNKFGY	23.1	-9.4X	0.5	15.6	-7.0X	0.7	34.1	-7.7X	0.7	34.8	-2.7	0.4	
PZC4AD	82.5	-1.7	0.5	48.8	-0.9	0.9	92.9	-1.1	1.6	45.0	-0.6	0.9	
Q32UX3	94.9	-0.1	0.9	54.1	0.1	2.4	109.1	0.7	0.7	47.2	-0.2	0.5	
TM3KB9	93.5	-0.2	0.5	54.7	0.2	0.4	101.9	-0.1	0.2	54.2	1.3	0.1	
VAJUEB	106.7	1.5	0.4	58.7	1.0	0.3	115.5	1.4	0.3	49.6	0.3	3.3	
W76AF2	92.7	-0.4	0.2	53.6	0.0	0.7	101.6	-0.1	1.1	48.1	0.0	0.7	
WHVBLB	96.3	0.1	0.9	52.8	-0.1	1.0	102.0	-0.1	0.6	47.6	-0.1	0.6	
X6LRQ2	93.0	-0.3	0.8	49.0	-0.8	0.6	101.0	-0.2	1.0	46.0	-0.4	0.8	
Y6YWL6	94.0	-0.2	1.8	53.4	0.0	0.9	107.3	0.5	1.1	48.0	0.0	1.1	
YB88UY	96.8	0.2	0.4	53.8	0.1	0.5	104.8	0.2	0.5	48.0	0.0	0.5	
YP87JG	88.2	-0.9	0.2	44.7	-1.6	0.4	98.2	-0.5	0.3	40.6	-1.5	0.2	
YZ9LB7	87.4	-1.0	0.2	47.7	-1.1	0.2	96.6	-0.7	0.3	44.1	-0.8	0.1	
ZTMQA3	99.0	0.5	1.0	57.0	0.6	0.6	108.0	0.6	1.2	45.7	-0.5	1.3	

Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1809	SRB1810	SRB1811	SRB1812	
Grand Median	95.4	53.5	102.7	48.0	
Median Abs Dev	3.7	2.4	4.6	1.7	
Avg Within Lab SD	2.6	1.7	3.5	2.4	
Labs Included	38	38	38	39	
Labs Reporting	39	39	39	39	



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Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2	179.0	-0.4	0.5	167.7	-0.3	0.8	139.3	-0.2	1.6	143.7	-0.2	0.5
3QBVGA	144.4	-1.8	1.8	117.5	-1.8	0.6	58.6	-4.1X	1.6	87.0	-2.9X	1.6
4M7UPB	169.3	-0.8	0.2	139.3	-1.1	0.1	123.0	-1.0	0.3	135.0	-0.6	0.6
84ZJFP	185.7	-0.2	0.4	117.3	-1.8	0.3	95.7	-2.3	0.2	134.3	-0.6	0.6
9NLFUU	208.3	0.7	0.3	196.1	0.5	0.7	155.6	0.6	0.3	159.4	0.6	0.4
AKENUT	204.0	0.5	0.3	191.0	0.3	1.0	143.0	0.0	0.7	145.0	-0.1	0.1
ATCG3M	166.1	-1.0	0.1	150.8	-0.8	0.3	128.8	-0.7	0.4	124.6	-1.1	0.3
AYYW2R	261.8	2.8X	0.8	195.2	0.5	0.5	159.0	0.8	2.2	167.6	1.0	0.5
B4PXAJ	195.7	0.2	0.3	174.0	-0.1	0.4	144.0	0.0	0.1	145.7	-0.1	0.5
E8Y8YJ	178.2	-0.5	0.4	154.8	-0.7	0.8	120.7	-1.1	1.0	123.1	-1.1	1.6
ELDD9X	174.0	-0.6	0.2	170.8	-0.2	0.0	127.9	-0.7	0.6	146.7	0.0	0.6
F8RKXV	178.0	-0.5	0.1	162.3	-0.5	0.6	132.4	-0.5	0.6	140.2	-0.3	0.6
FDGXYJ	155.7	-1.4	0.1	125.3	-1.5	0.2	118.0	-1.2	0.4	122.3	-1.2	0.2
GJMUHJ	172.6	-0.7	0.4	158.6	-0.6	0.7	130.8	-0.6	0.6	133.6	-0.6	1.2
HLKY2H	205.4	0.6	0.1	194.9	0.5	0.6	145.8	0.1	1.1	157.8	0.5	0.1
J6GEAL	187.3	-0.1	0.2	186.3	0.2	0.4	151.3	0.4	0.2	154.0	0.3	0.5
JR3N2H	195.6	0.2	0.7	180.0	0.0	1.0	164.9	1.0	2.3	147.6	0.0	0.6
JZ24WG	211.2	0.8	0.1	200.9	0.6	0.2	150.7	0.4	0.3	168.5	1.0	0.1
LKENXA	218.1	1.1	0.8	209.3	0.9	0.3	167.1	1.1	0.4	189.5	2.0	1.6
LNZ84E	200.6	0.4	2.4	229.6	1.4	2.7	172.0	1.4	1.0	170.5	1.1	0.6
MDDLHG	191.7	0.1	3.3	136.3	-1.2	0.4	117.3	-1.2	0.9	114.7	-1.5	1.3
NB2BUC	230.0	1.6	2.3	183.0	0.1	0.2	142.0	-0.1	1.3	158.5	0.5	0.1
NL3UFC	244.8	2.1	0.4	244.4	1.9	1.6	186.9	2.1	1.6	205.7	2.8X	1.6
NPNKH3	190.3	0.0	0.1	190.7	0.3	0.3	150.0	0.3	0.4	160.7	0.6	0.4
PJWQ3F	167.3	-0.9	0.6	146.3	-0.9	0.2	131.7	-0.6	0.9	122.3	-1.2	0.6
PN42BA	190.7	0.0	0.0	193.4	0.4	0.0	143.2	0.0	0.0	150.1	0.1	0.0



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Fe (SubTestCode 222) in the Wet Digestion Property Groups													Data units: mg/kg
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PNKFGY	209.5	0.8	2.8	163.2	-0.5	4.2	137.1	-0.3	2.0	149.5	0.1	2.5	
PZC4AD	163.0	-1.1	0.4	151.0	-0.8	1.4	122.3	-1.0	2.1	134.7	-0.6	1.5	
Q32UX3	184.3	-0.2	0.6	178.1	0.0	0.9	128.9	-0.7	0.3	135.9	-0.5	0.8	
TM3KB9	215.7	1.0	0.2	215.3	1.0	0.1	162.0	0.9	0.6	169.1	1.0	1.0	
VAJUEB	189.5	0.0	0.3	177.4	0.0	0.2	150.3	0.3	0.8	133.2	-0.7	2.9	
WHVBLB	200.3	0.4	0.5	188.0	0.3	0.5	145.3	0.1	0.8	160.0	0.6	1.5	
X6LRQ2	204.7	0.6	0.3	196.7	0.5	0.2	151.0	0.4	0.7	159.0	0.6	0.7	
Y6YWL6	188.0	-0.1	0.2	186.3	0.2	0.4	150.3	0.3	0.3	154.0	0.3	0.9	
YB88UY	197.1	0.3	0.1	188.9	0.3	0.2	153.2	0.5	0.4	160.0	0.6	0.6	
YP87JG	153.1	-1.5	0.2	132.0	-1.3	0.1	118.6	-1.2	0.2	124.9	-1.1	0.2	
YZ9LB7	204.3	0.6	0.1	192.3	0.4	0.1	151.7	0.4	0.4	154.4	0.3	0.1	
ZTMQA3	160.0	-1.2	0.5	138.0	-1.2	0.3	132.3	-0.5	1.2	118.0	-1.4	1.2	

Fe (SubTestCode 222) in the Wet Digestion Property Groups					Data units: mg/kg
	SRB1809	SRB1810	SRB1811	SRB1812	
Grand Median	190.3	179.1	143.2	147.2	
Median Abs Dev	14.3	16.9	11.6	12.7	
Avg Within Lab SD	20.9	12.9	7.5	7.0	
Labs Included	37	38	37	36	
Labs Reporting	38	38	38	38	



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Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2A2UY2	19.2	0.1	0.9	11.2	-0.1	0.3	14.5	0.1	0.6	13.3	-0.1	0.2
3QBVGA	21.6	1.5	1.2	11.1	-0.2	0.5	15.4	0.8	0.3	14.0	0.5	0.4
4M7UPB	18.0	-0.6	2.7	11.0	-0.3	1.2	15.0	0.5	0.6	14.0	0.5	
84ZJFP	20.7	1.0	0.5	12.3	0.8	0.7	14.3	-0.1	0.4	13.7	0.2	0.4
9NLFUU	20.2	0.7	0.7	12.9	1.2	0.7	15.5	1.0	0.3	15.4	1.5	0.5
AKENUT	19.4	0.2	0.4	11.0	-0.3	0.5	14.1	-0.3	0.3	14.0	0.5	1.5
ATCG3M	20.8	1.0	0.3	11.7	0.3	0.3	15.9	1.3	0.1	13.7	0.2	0.2
AYYW2R	17.5	-0.8	0.1	10.0	-1.0	0.1	13.1	-1.1	0.2	12.0	-1.1	0.1
B4PXAJ	19.5	0.3	0.4	11.5	0.2	0.2	15.0	0.5	0.1	12.8	-0.4	0.1
E8Y8YJ	19.6	0.3	0.7	12.1	0.6	0.7	14.4	-0.1	0.7	13.5	0.1	0.4
ELDD9X	17.6	-0.8	0.1	11.0	-0.2	0.2	14.1	-0.2	0.2	13.9	0.4	0.4
F8RKXV	18.1	-0.5	0.4	10.2	-0.8	0.5	13.6	-0.8	0.1	12.0	-1.1	0.1
FDGXYJ	17.1	-1.1	0.1	8.7	-2.0	0.1	13.7	-0.7	0.1	12.2	-0.9	0.1
GJMUHJ	18.9	-0.1	0.5	10.3	-0.8	0.8	13.8	-0.6	0.4	12.1	-1.0	0.4
HLKY2H	19.0	0.0	0.2	11.3	0.0	0.2	13.8	-0.5	0.8	13.4	0.0	0.1
J6GEAL	17.3	-1.0	1.0	10.7	-0.5	0.7	13.7	-0.7	0.4	12.0	-1.1	
JR3N2H	19.3	0.2	0.5	11.5	0.2	0.4	14.0	-0.3	0.2	14.2	0.7	0.5
JZ24WG	17.7	-0.7	0.1	9.7	-1.2	0.3	12.7	-1.5	0.1	11.1	-1.8	0.1
LKENXA	13.9	-2.9	2.1	10.7	-0.5	1.3	11.6	-2.5	0.5	11.1	-1.8	0.3
LNZ84E	17.1	-1.1	2.9	2.8	-6.5X	6.2	13.6	-0.8	5.7	11.9	-1.2	5.0
MDDLHG	21.0	1.1	0.9	12.0	0.5	1.2	15.0	0.5		13.3	0.0	0.4
NB2BUC	16.0	-1.7	2.5	6.5	-3.7	0.9	9.0	-4.8X	0.9	8.5	-3.8X	0.5
NL3UFC	19.3	0.2	1.0	12.0	0.5	1.1	15.2	0.7	0.5	14.6	0.9	0.3
NPNKH3	20.3	0.7	0.2	12.5	0.9	0.2	15.6	1.1	0.1	14.8	1.1	0.2
PJWQ3F	19.4	0.3	0.1	11.2	-0.1	0.4	15.0	0.5	0.4	13.5	0.1	0.3
PN42BA	19.4	0.3	0.0	10.5	-0.7	0.1	14.6	0.2	0.0	12.3	-0.9	0.0



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Cu (SubTestCode 223) in the Wet Digestion Property Groups Data units: mg/kg

WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
PNKFGY	19.2	0.1	1.2	12.5	0.9	3.4	15.1	0.5	0.9	14.1	0.6	0.8
PZC4AD	16.1	-1.7	0.2	9.9	-1.1	0.4	12.8	-1.4	0.5	12.0	-1.1	0.4
Q32UX3	16.5	-1.4	1.0	12.6	1.0	1.6	15.6	1.0	0.4	15.5	1.6	0.5
TM3KB9	19.4	0.2	0.2	12.4	0.8	0.4	15.1	0.6	0.0	14.0	0.4	0.1
VAJUEB	32.8	7.9X	17.9	12.2	0.7	0.2	16.0	1.4	0.1	13.7	0.3	1.4
W76AF2	18.9	-0.1	0.8	11.8	0.4	0.2	14.9	0.4	0.2	13.4	0.0	0.2
WHVBLB	18.2	-0.5	0.3	13.0	1.3	2.1	13.5	-0.8	0.0	13.2	-0.2	0.2
X6LRQ2	17.7	-0.8	0.5	11.3	0.0	0.7	14.3	-0.1	0.4	12.3	-0.8	0.4
Y6YWL6	19.0	0.0	0.4	12.2	0.7	2.2	15.1	0.6	0.2	13.4	0.0	0.3
YB88UY	19.2	0.1	0.1	11.5	0.1	0.2	14.6	0.2	0.2	14.4	0.8	0.8
YP87JG	18.8	-0.1	0.5	11.0	-0.3	0.3	14.5	0.1	0.0	14.7	1.0	1.6
YZ9LB7	17.1	-1.1	0.0	10.0	-1.0	0.1	13.1	-1.2	0.1	11.9	-1.2	0.1
ZTMQA3	19.7	0.4	0.5	11.3	0.0	1.4	14.3	-0.1	0.4	13.3	0.0	0.4

Cu (SubTestCode 223) in the Wet Digestion Property Groups Data units: mg/kg

	SRB1809	SRB1810	SRB1811	SRB1812
Grand Median	19.0	11.3	14.4	13.4
Median Abs Dev	0.9	0.7	0.7	0.8
Avg Within Lab SD	1.1	0.8	1.5	1.5
Labs Included	38	38	38	38
Labs Reporting	39	39	39	39



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Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
84ZJFP	2.30	-0.54	0.50	0.20	-0.41	0.00	3.10	-1.17	0.00	0.57	-0.83	0.54	
9NLFUU	2.63	0.15	0.21	0.36	0.77	0.25	3.75	-0.04	0.14	0.79	0.30	0.75	
AKENUT	3.03	0.96	0.30	0.25	-0.05	0.02	4.40	1.08	0.39	0.79	0.26	0.12	
B4PXAJ	2.70	0.29	0.37	0.23	-0.20	0.00	3.94	0.29	0.29	0.72	-0.05	0.22	
ELDD9X	2.25	-0.65	0.17	0.26	0.05	0.03	3.27	-0.88	0.09	0.68	-0.26	0.23	
GJMUHJ	2.49	-0.15	0.42	0.47	1.52	0.54	3.80	0.04	1.72	0.91	0.87	1.11	
J6GEAL	2.40	-0.34	0.50	0.30	0.31	0.00	3.73	-0.07	0.47	0.73	0.00	0.54	
JR3N2H	2.73	0.34	0.86	0.24	-0.11	0.07	3.92	0.25	0.96	0.71	-0.13	0.15	
JZ24WG	2.46	-0.20	0.63				3.68	-0.16	0.95				
LNZ84E	3.21	1.33	1.59	0.43	1.22	3.24	4.01	0.40	0.61	0.69	-0.21	1.92	
NL3UFC	3.28	1.49	1.51	0.67	2.98	1.06	4.95	2.03	0.60	1.19	2.27	2.40	
NPNKH3	2.82	0.53	0.31	0.25	-0.07	0.02	4.13	0.62	0.30	0.79	0.28	0.16	
PNKFGY	2.02	-1.12	2.74				3.11	-1.15	2.98	1.31	2.85		
PZC4AD	2.27	-0.60	0.03	0.20	-0.41	0.02	3.43	-0.60	0.93	0.64	-0.46	0.10	
VAJUEB	3.15	1.22	1.20				4.61	1.45	0.37				
YB88UY	2.14	-0.88	0.11				3.45	-0.57	0.25				

Mo (SubTestCode 224) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1809	SRB1810	SRB1811	SRB1812		
Grand Median	2.56	0.26	3.77	0.73		
Median Abs Dev	0.28	0.05	0.34	0.06		
Avg Within Lab SD	0.20	0.19	0.24	0.11		
Labs Included	16	12	16	13		
Labs Reporting	16	12	16	13		



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P (SubTestCode 225) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	0.21	-0.68	0.00	0.18	-0.49	0.00	0.42	-0.25	0.00	0.24	-1.00	0.00	
EJAFZP	0.22	0.12	1.48	0.19	0.14	0.00	0.42	-0.15	1.26	0.27	0.02	1.22	
JR3N2H	0.22	-0.12	0.38	0.19	-0.14	0.22	0.46	1.04	0.83	0.27	-0.02	0.34	
K3HX62	0.26	2.17	0.73	0.22	2.19	1.64	0.49	1.73	1.63	0.31	1.68	1.03	
RDYVA8	0.21	-0.68	0.00	0.18	-0.49	0.00	0.40	-0.73	0.63	0.25	-0.62		
Z4NE3Y	0.23	0.27	1.77	0.20	0.60	1.81	0.43	0.15	0.82	0.28	0.70	1.52	
P (SubTestCode 225) in the Dry Ash Property Groups													Data units: Percent
	SRB1809			SRB1810			SRB1811			SRB1812			
Grand Median	0.22			0.19			0.43			0.27			
Median Abs Dev	0.01			0.01			0.02			0.02			
Avg Within Lab SD	0.00			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	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
46AYLZ	2.23	-0.28	0.00	1.75	-0.87		2.67	0.00	0.00	3.37	-1.36	0.00
EJAFZP	2.41	0.55	0.75	1.95	0.49	1.01	2.72	0.20	0.29	4.07	0.33	0.48
FBAMWN	2.07	-0.98	0.86	1.72	-1.10	1.59	2.39	-1.12	1.54	3.66	-0.65	2.14
JR3N2H	2.49	0.88	1.15	1.92	0.29	1.14	2.87	0.81	1.29	4.08	0.38	1.42
K3HX62	2.73	1.97	0.74	2.17	1.91	0.70	3.10	1.70	1.27	4.53	1.47	0.30
RDYVA8	2.29	0.00	0.42	1.88	0.00	0.27	2.63	-0.15	0.46	3.71	-0.53	0.17
Z4NE3Y	2.28	-0.07	1.91	1.87	-0.06	0.78	2.48	-0.75	1.02	3.93	0.00	0.24

K (SubTestCode 226) in the Dry Ash Property Groups

Data units: Percent

	SRB1809	SRB1810	SRB1811	SRB1812
Grand Median	2.29	1.88	2.67	3.93
Median Abs Dev	0.12	0.07	0.19	0.22
Avg Within Lab SD	0.04	0.04	0.09	0.09
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	SRB1809			SRB1810			SRB1811			SRB1812				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
46AYLZ	0.65	0.27	0.00	1.85	0.00	0.00	0.43	0.45	0.00	1.26	-0.23	0.00		
EJAFZP	0.68	0.52	1.01	2.06	0.72	0.22	0.46	0.76	1.24	1.49	0.84	0.67		
FBAMWN	0.56	-0.46	0.52	1.77	-0.26	2.01	0.36	-0.36	1.99	1.21	-0.46	0.79		
JR3N2H	0.72	0.86	0.73	2.12	0.90	0.39	0.47	0.86	0.07	1.53	1.00	0.25		
K3HX62	0.41	-1.71	0.70	1.23	-2.11	0.72	0.25	-1.54	1.12	0.89	-1.95	0.17		
RDYVA8	0.62	0.00	0.58	1.85	-0.01	0.87	0.39	0.00	0.00	1.36	0.23	0.00		
Z4NE3Y	0.51	-0.90	2.08	2.06	0.71	1.21	0.32	-0.75	0.48	1.31	0.00	2.42		

Ca (SubTestCode 227) in the Dry Ash Property Groups					Data units: Percent	
	SRB1809	SRB1810	SRB1811	SRB1812		
Grand Median	0.62	1.85	0.39	1.31		
Median Abs Dev	0.06	0.21	0.07	0.10		
Avg Within Lab SD	0.01	0.03	0.01	0.03		
Labs Included	7	7	7	7		
Labs Reporting	7	7	7	7		



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Mg (SubTestCode 228) in the Dry Ash Property Groups												Data units: Percent	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	0.25	-0.01		0.47	-0.07	0.00	0.29	0.15	0.00	0.40	-0.69	0.00	
EJAFZP	0.26	0.16	0.84	0.48	0.07	0.47	0.28	0.00	0.58	0.46	0.28	0.69	
FBAMWN	0.20	-1.35	1.69	0.46	-0.31	2.41	0.22	-1.43	1.93	0.41	-0.51	1.73	
JR3N2H	0.28	0.84	0.39	0.52	0.99	0.07	0.32	0.89	0.25	0.49	0.71	0.17	
K3HX62	0.34	2.24	0.68	0.63	3.26	0.38	0.36	1.69	1.61	0.60	2.40	1.03	
RDYVA8	0.25	-0.13	0.29	0.47	0.00	0.47	0.27	-0.29	0.00	0.44	-0.13	0.69	
Z4NE3Y	0.25	0.00	1.32	0.47	-0.02	0.76	0.27	-0.26	0.54	0.45	0.00	1.39	

Mg (SubTestCode 228) in the Dry Ash Property Groups					Data units: Percent	
	SRB1809		SRB1810		SRB1811	
Grand Median	0.25		0.47		0.28	
Median Abs Dev	0.01		0.00		0.01	
Avg Within Lab SD	0.01		0.01		0.01	
Labs Included	7		7		7	
Labs Reporting	7		7		7	



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Na (SubTestCode 229) in the Dry Ash Property Groups												Data units: Percent
WebCode	SRB1809			SRB1810			SRB1811			SRB1812		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
46AYLZ	0.080	-0.910	0.000	0.005	-0.249	0.000	0.059	-0.323	0.000	0.039	-2.446	0.000
EJAFZP	0.096	0.000	0.495	0.006	-0.149	0.149	0.062	0.000	1.550	0.060	0.000	2.102
FBAMWN	0.083	-0.768	1.836	0.021	2.166	2.637	0.059	-0.321	1.044	0.058	-0.222	1.187
JR3N2H	0.129	1.804	0.529	0.004	-0.404	0.004	0.084	2.080	0.639	0.066	0.757	0.766
K3HX62	0.104	0.424	0.749	0.008	0.210	0.138	0.067	0.427	1.757	0.061	0.173	0.513
RDYVA8	0.104	0.427	0.429	0.007	0.000	0.056	0.070	0.742	0.000	0.055	-0.513	0.291
Z4NE3Y	0.089	-0.388	1.536	0.017	1.543	0.029	0.054	-0.829	0.096	0.065	0.611	0.488

Na (SubTestCode 229) in the Dry Ash Property Groups					Data units: Percent
	SRB1809	SRB1810	SRB1811	SRB1812	
Grand Median	0.10	0.007	0.062	0.060	
Median Abs Dev	0.01	0.002	0.004	0.004	
Avg Within Lab SD	0.00	0.010	0.002	0.002	
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	SRB1809			SRB1810			SRB1811			SRB1812	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score
HLKY2H	156.4		1.3	173.3		1.4	76.3		1.4	105.1	1.4
JR3N2H	146.5		0.5	160.7		0.1	68.7		0.2	80.7	0.1

AI (SubTestCode 230) in the Dry Ash Property Groups					Data units: mg/kg			
	SRB1809		SRB1810		SRB1811		SRB1812	
Grand Median	151.5		167.0		72.5		92.9	
Median Abs Dev								
Avg Within Lab SD	3.0		9.5		8.5		12.5	
Labs Included	2		2		2		2	
Labs Reporting	2		2		2		2	



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B (SubTestCode 231) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	17.5	-0.2	0.0	50.7	-1.0	0.0	13.4	0.6	0.0	21.6	-1.1	0.0	
EJAFZP	23.0	1.0		62.0	0.7	0.6	12.7	0.5	0.8	29.0	1.1		
HLKY2H	16.1	-0.6	0.6	52.8	-0.7	1.9	6.2	-0.7	1.7	23.4	-0.6	1.9	
JR3N2H	18.0	-0.1	0.2	61.0	0.5	0.2	7.0	-0.6	0.6	25.0	-0.1	0.1	
K3HX62	19.0	0.1	0.3	61.3	0.6	0.6	7.3	-0.5	0.5	25.6	0.1	0.4	
Q32UX3	21.8	0.8	2.5	63.0	0.8	1.7	13.0	0.6	1.9	29.9	1.4	1.8	
RDYVA8	16.8	-0.4	0.3	53.5	-0.6	0.6	6.8	-0.6	0.2	23.8	-0.5	0.4	
Z4NE3Y	28.0	2.2	0.2	53.7	-0.5	0.5	17.1	1.3	0.1	26.6	0.4	0.2	

B (SubTestCode 231) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1809		SRB1810		SRB1811	
Grand Median	18.5		57.4		10.0	
Median Abs Dev	2.1		4.3		3.1	
Avg Within Lab SD	1.4		1.6		0.7	
Labs Included	8		8		8	
Labs Reporting	8		8		8	



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Zn (SubTestCode 232) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	23.1	1.5	0.0	17.7	2.0	0.0	32.9	-0.1	0.0	32.1	-0.4	0.0	
EJAFZP	21.3	0.1	1.0	13.7	0.0	1.5	32.3	-0.5	0.6	39.3	1.4	1.5	
FBAMWN	23.1	1.5	1.7	14.5	0.4	0.9	34.0	0.5	2.0	38.7	1.3	0.9	
JR3N2H	20.8	-0.4	0.1	11.6	-1.0	0.3	33.6	0.3	0.1	33.7	0.0	1.0	
K3HX62	20.6	-0.5	1.1	12.8	-0.4	1.9	28.7	-2.6	1.0	32.5	-0.3	1.3	
RDYVA8	21.1	-0.1	0.9	13.8	0.1	0.4	33.3	0.1	0.7	36.8	0.8	1.1	
Z4NE3Y	13.2	-6.3X	0.4	12.0	-0.8	0.5	16.4	-9.7X	0.2	31.7	-0.5	0.4	

Zn (SubTestCode 232) in the Dry Ash Property Groups					Data units: mg/kg			
	SRB1809		SRB1810		SRB1811		SRB1812	
Grand Median	21.2		13.7		33.1		33.7	
Median Abs Dev	0.5		0.9		0.6		2.0	
Avg Within Lab SD	0.6		0.4		1.0		0.4	
Labs Included	6		7		6		7	
Labs Reporting	7		7		7		7	



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Mn (SubTestCode 233) in the Dry Ash Property Groups													Data units: mg/kg
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	87.0	0.0	0.0	52.3	-0.3	0.0	101.6	0.7	0.0	41.8	-1.1	0.0	
EJAFZP	85.3	-0.3	0.3	54.3	0.0	0.6	93.0	0.0	0.8	49.7	0.0	0.8	
FBAMWN	97.2	1.7	2.4	70.1	2.4	2.2	77.5	-1.3	0.1	61.8	1.7	2.4	
JR3N2H	97.6	1.8	0.3	58.2	0.6	0.2	111.1	1.5	0.2	52.6	0.4	0.1	
K3HX62	83.1	-0.7	0.6	49.5	-0.7	1.1	89.9	-0.3	2.2	45.6	-0.6	0.5	
RDYVA8	88.2	0.2	0.4	53.9	-0.1	0.4	97.4	0.4	0.8	48.5	-0.2	0.2	
Z4NE3Y	86.9	0.0	0.8	58.1	0.6	0.5	86.2	-0.6	1.0	54.5	0.7	0.4	

Mn (SubTestCode 233) in the Dry Ash Property Groups					Data units: mg/kg
	SRB1809	SRB1810	SRB1811	SRB1812	
Grand Median	87.0	54.3	93.0	49.7	
Median Abs Dev	1.7	3.8	6.8	4.0	
Avg Within Lab SD	2.3	1.0	1.2	0.7	
Labs Included	7	7	7	7	
Labs Reporting	7	7	7	7	



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Fe (SubTestCode 234) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	170.0	1.8	0.0	179.6	1.5	0.0	149.2	2.3	0.0	138.9	1.6	0.0	
EJAFZP	99.0	-0.2	1.4	123.0	-0.3	0.5	79.0	-0.1	0.4	104.7	0.0	0.2	
FBAMWN	97.6	-0.3	2.0	113.2	-0.7	2.1	66.6	-0.6	2.3	110.5	0.2	1.7	
JR3N2H	113.9	0.2	0.4	133.1	0.0	0.1	93.5	0.4	0.5	105.4	0.0	0.4	
K3HX62	71.2	-1.0	0.3	79.5	-1.8	0.4	58.0	-0.9	0.8	71.3	-1.6	0.2	
RDYVA8	107.7	0.0	0.5	133.7	0.0	0.5	83.0	0.0	0.4	104.3	0.0	0.2	
Z4NE3Y	149.3	1.2	0.7	145.2	0.4	1.3	94.0	0.4	0.9	132.6	1.3	2.0	

Fe (SubTestCode 234) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1809	SRB1810	SRB1811	SRB1812		
Grand Median	107.7	133.1	83.0	105.4		
Median Abs Dev	10.1	12.1	11.0	5.1		
Avg Within Lab SD	4.1	4.9	2.8	3.3		
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	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
46AYLZ	14.4	1.5	0.0	14.0	2.6		12.8	2.2	0.0	13.9	1.1	0.0	
EJAFZP	7.5	-0.5	2.0	11.7	0.0	0.7	5.9	-0.2	2.0	13.2	0.1	1.0	
FBAMWN	8.7	-0.2	0.6	11.7	0.0	0.8	7.4	0.4	1.2	12.4	-1.0	0.3	
JR3N2H	12.6	1.0	1.1	11.8	0.1	0.1	9.0	0.9	0.6	13.4	0.4	0.7	
K3HX62	9.5	0.1	0.7	11.0	-0.8	0.9	6.2	-0.1	1.0	12.4	-1.0	1.7	
RDYVA8	9.3	0.0	0.5	10.7	-1.1	0.7	6.4	0.0	0.5	12.4	-1.1	0.6	
Z4NE3Y	4.2	-1.5	0.9	11.8	0.2	1.9	3.4	-1.0	0.2	13.1	0.0	1.6	

Cu (SubTestCode 235) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1809	SRB1810	SRB1811	SRB1812		
Grand Median	9.33	11.7	6.37	13.1		
Median Abs Dev	1.83	0.1	1.04	0.7		
Avg Within Lab SD	0.25	0.2	0.30	0.2		
Labs Included	7	7	7	7		
Labs Reporting	7	7	7	7		



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Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg	
SRB1809			SRB1810			SRB1811			SRB1812		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
JR3N2H	2.08		1.00	0.20		1.00	3.28		1.00	0.55	1.00

Mo (SubTestCode 236) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1809		SRB1810		SRB1811	SRB1812
Grand Median	2.08		0.20		3.28	0.55
Median Abs Dev						
Avg Within Lab SD	0.05		0.01		0.05	0.01
Labs Included	1		1		1	1
Labs Reporting	1		1		1	1



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As (SubTestCode 237) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9NLFUU	0.32	0.95		0.39	1.12	0.07	0.33	4.01	2.18	0.46	2.72	0.85	
AKENUT	0.13	-0.16	0.05	0.20	-0.50	0.05	0.07	-0.03	0.62	0.11	-0.12	0.27	
B4PXAJ	0.13	-0.12	0.11	0.22	-0.34	0.07	0.07	0.00	0.50	0.11	-0.09	0.05	
ELDD9X	0.33	1.00	0.65	0.39	1.18	0.64	0.05	-0.25	0.00	0.29	1.34	2.47	
LNZ84E	0.62	2.63	2.56	0.36	0.88	2.75	1.79	26.56X	176.80	6.03	48.05X	287.88	
NPNKH3	0.17	0.12	0.10	0.30	0.34	0.10	0.09	0.30	0.45	0.16	0.32	0.19	
PZC4AD	0.11	-0.25	0.02	0.20	-0.56	0.06	0.06	-0.12	1.16	0.10	-0.14	0.27	
TM3KB9	0.12	-0.17	0.06	0.20	-0.47	0.11	0.07	0.01	0.23	0.12	0.00	0.12	

As (SubTestCode 237) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1809		SRB1810		SRB1811	SRB1812
Grand Median	0.15		0.26		0.070	0.12
Median Abs Dev	0.04		0.06		0.008	0.02
Avg Within Lab SD	0.07		0.10		0.006	0.03
Labs Included	8		8		7	7
Labs Reporting	8		8		8	8



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Ba (SubTestCode 238) in the Heavy Metals Property Groups													Data units: mg/kg	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
9NLFUU	18.5	1.5	0.9	60.6	0.6	1.7	8.4	2.4	0.8	39.4	1.0	0.8		
AKENUT	16.4	0.0	1.1	55.0	-0.7	0.1	6.9	-0.1	0.9	36.2	-0.2	1.4		
B4PXAJ	16.3	0.0	1.1	57.6	-0.1	0.4	6.7	-0.6	0.3	36.8	0.0	0.3		
ELDD9X	15.5	-0.6	0.2	56.8	-0.2	0.4	6.6	-0.6	0.0	35.8	-0.3	0.0		
JZ24WG	15.5	-0.6	0.8	55.6	-0.5	0.3	6.8	-0.3	2.2	34.1	-0.9	0.1		
LNZ84E	17.7	0.9	1.6	63.0	1.2	1.5	7.0	0.1	1.1	40.4	1.3	0.4		
NPNKH3	17.2	0.6	1.1	63.9	1.4	0.7	7.1	0.2	0.6	42.0	1.9	0.4		
PZC4AD	14.0	-1.6	1.0	52.8	-1.2	2.0	5.9	-1.9	0.9	34.7	-0.7	0.9		
TM3KB9	16.3	0.0	1.1	58.2	0.1	0.1	7.1	0.2	0.6	37.3	0.2	0.2		
VAJUEB	17.7	0.9	0.6	61.8	0.9	0.4	7.2	0.4	0.9	36.6	0.0	2.5		

Ba (SubTestCode 238) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1809		SRB1810		SRB1812	
Grand Median	16.3		57.9		36.7	
Median Abs Dev	0.9		2.8		1.4	
Avg Within Lab SD	0.3		1.4		2.3	
Labs Included	10		10		10	
Labs Reporting	10		10		10	



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Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9NLFUU	0.177	2.462	1.964	0.083	3.200	2.463	0.240	1.206	1.936	0.540	0.000	0.327	
AKENUT	0.109	-0.141	0.183	0.025	0.000	0.034	0.197	-0.382	0.246	0.569	1.148	0.645	
B4PXAJ	0.116	0.141	0.231	0.025	-0.018	0.102	0.206	-0.049	0.054	0.528	-0.470	0.627	
ELDD9X	0.118	0.211	1.312	0.043	0.963	0.633	0.196	-0.400	0.332	0.507	-1.293	0.405	
JZ24WG							0.262	2.019	0.468	0.540	0.000	0.065	
LNZ84E	0.080	-1.264	1.135	0.019	-0.349	0.722	0.226	0.700	1.855	0.567	1.064	1.764	
NPNKH3	0.113	0.000	0.093	0.026	0.053	0.018	0.209	0.049	0.082	0.557	0.678	0.439	
PZC4AD	0.100	-0.503	0.194	0.023	-0.138	0.017	0.191	-0.591	0.641	0.516	-0.926	0.817	
TM3KB9	103.017	58.821X	19.780	23.787	10.858X	38.606	188.177	40.695X	16.697	491.187	96.736X	34.272	
VAJUEB										0.527	-0.492	1.986	

Cd (SubTestCode 239) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1809		SRB1810		SRB1811	
Grand Median	0.11		0.025		0.21	
Median Abs Dev	0.01		0.003		0.01	
Avg Within Lab SD	0.02		0.017		0.02	
Labs Included	7		7		8	
Labs Reporting	8		8		9	



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Co (SubTestCode 240) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9NLFUU	0.38	-0.93	1.80	0.24	-2.42	0.96	0.19	0.69	2.31	0.16	-3.07	1.57	
AKENUT	0.42	0.04	0.35	0.31	-0.90	0.39	0.17	0.00	0.10	0.42	-0.05	0.29	
B4PXAJ	0.44	0.32	0.98	0.32	-0.74	0.22	0.17	0.04	0.10	0.56	1.53	2.28	
ELDD9X	0.42	-0.04	0.55	0.39	0.73	0.83	0.16	-0.66	0.18	0.43	0.05	0.68	
J6GEAL	0.43	0.26	1.58	0.37	0.28	0.22	0.15	-1.08	0.26	0.36	-0.81	0.36	
JZ24WG	0.42	-0.11	0.66	0.34	-0.35	0.47				0.41	-0.20	0.47	
LNZ84E	0.46	0.83	0.82	0.39	0.69	1.60	0.14	-2.05	1.87	0.41	-0.25	1.01	
NPNKH3	0.49	1.48	1.27	0.35	-0.01	0.42	0.18	0.28	0.08	0.46	0.34	0.13	
PZC4AD	0.36	-1.29	0.38	0.35	0.01	2.28	0.15	-1.00	0.16	0.44	0.13	0.63	
TM3KB9	0.35	-1.44	0.20	0.38	0.61	0.08	0.18	0.28	0.04	0.45	0.30	0.15	
VAJUEB	8.99	174.62X	279.60	0.62	5.55X	1.37				2.56	24.53X	41.35	

Co (SubTestCode 240) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB1809	SRB1810	SRB1811	SRB1812	
Grand Median	0.42	0.35	0.17	0.43	
Median Abs Dev	0.03	0.03	0.01	0.02	
Avg Within Lab SD	0.05	0.05	0.06	0.08	
Labs Included	10	10	9	10	
Labs Reporting	11	11	9	11	



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Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9NLFUU	1.30	0.53	2.79	2.39	12.57X	17.53	1.24	0.60		0.77	-1.83		
AKENUT	1.23	0.00	0.18	0.95	-0.01	1.35	1.17	-0.01	0.93	1.10	0.08	1.42	
B4PXAJ	1.03	-1.60	0.93	0.77	-1.65	0.16	0.98	-1.65	0.42	0.79	-1.74	0.75	
ELDD9X	1.00	-1.91	0.04	0.80	-1.34	0.81	1.01	-1.38	0.66	0.91	-1.00	0.07	
JZ24WG	1.17	-0.52	0.23	1.06	0.91	1.26	1.21	0.38	1.11	1.09	0.00	0.88	
LNZ84E	1.32	0.74	0.40	0.96	0.01	1.45	1.27	0.85	1.25	1.10	0.10	2.00	
NPNKH3	1.24	0.05	0.15	1.06	0.93	0.57	1.26	0.74	0.12	1.18	0.52	0.53	
PZC4AD	1.14	-0.71	0.21	0.90	-0.51	0.82	1.11	-0.56	1.90	1.00	-0.52	0.60	
TM3KB9	1.23	0.02	0.16	0.96	0.04	0.90	1.17	0.01	0.31	1.13	0.28	0.05	
VAJUEB							1.11	-0.57					

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1809		SRB1810		SRB1811	SRB1812
Grand Median	1.23		0.95		1.17	1.09
Median Abs Dev	0.07		0.08		0.07	0.09
Avg Within Lab SD	0.17		0.04		0.05	0.09
Labs Included	9		8		10	9
Labs Reporting	9		9		10	9



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Pb (SubTestCode 242) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
AKENUT	0.16	0.01	0.16	0.14	0.00	0.01	1.14	0.32	0.31	1.61	-0.91	0.58	
B4PXAJ	0.16	-0.01	0.47	0.13	-0.07	0.01	1.04	-0.61	0.62	1.49	-1.44	0.14	
ELDD9X	0.18	0.66	2.33	0.32	1.24	0.00	1.04	-0.67	1.09	1.82	0.00	0.00	
JZ24WG							1.20	0.90	1.94	1.62	-0.90	0.50	
LNZ84E	0.68	18.06X	11.83	0.56	2.89	2.64	1.93	7.83X	7.81	2.16	1.47	2.21	
NPNKH3	0.14	-0.63	0.06	0.13	-0.09	0.02	1.11	0.00	0.87	1.82	0.01	0.78	
PZC4AD	0.13	-1.14	0.04	0.12	-0.15	0.07	0.97	-1.28	0.88	1.52	-1.31	1.38	
TM3KB9	0.21	1.61	0.56	0.18	0.28	0.01	1.21	0.94	0.23	1.82	0.01	0.08	
VAJUEB										1.83	0.02		

Pb (SubTestCode 242) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB1809	SRB1810	SRB1811	SRB1812	
Grand Median	0.16	0.14	1.11	1.82	
Median Abs Dev	0.02	0.02	0.07	0.20	
Avg Within Lab SD	0.03	0.12	0.06	0.17	
Labs Included	6	7	7	9	
Labs Reporting	7	7	8	9	



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Sr (SubTestCode 243) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB1809			SRB1810			SRB1811			SRB1812			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
9NLFUU	75.1	0.2	1.2	263.7	-0.4	1.2	15.8	0.2	1.4	45.4	0.6	0.9	
AKENUT	73.2	0.0	1.0	270.7	-0.2	0.5	15.1	-0.2	0.7	41.0	-0.2	0.4	
B4PXAJ	72.4	-0.1	1.1	275.0	0.0	0.6	14.8	-0.4	0.7	42.6	0.1	0.2	
ELDD9X	73.4	0.0	0.4	288.1	0.4	0.2	15.8	0.2	0.0	44.6	0.5	0.3	
J6GEAL	60.6	-1.6	1.9	220.4	-1.7	2.0	13.7	-1.1	1.1	38.6	-0.7	0.4	
JZ24WG	70.7	-0.3	0.4	276.7	0.0	0.4	14.4	-0.6	0.5	40.7	-0.3	0.2	
LNZ84E	82.1	1.1	1.0	306.0	0.9	1.2	18.7	2.1	1.0	46.0	0.7	0.6	
NPNKH3	84.7	1.4	1.0	333.0	1.7	0.4	16.0	0.4	0.5	56.3	2.7	0.6	
PZC4AD	62.9	-1.3	0.4	248.3	-0.8	1.5	13.5	-1.2	2.1	37.9	-0.8	0.3	
VAJUEB	78.7	0.7	0.5	296.1	0.6	0.4	15.7	0.2	0.3	41.8	-0.1	2.8	

Sr (SubTestCode 243) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB1809		SRB1810		SRB1812
Grand Median	73.3		275.8		42.2
Median Abs Dev	4.0		16.3		2.8
Avg Within Lab SD	1.5		7.2		2.4
Labs Included	10		10		10
Labs Reporting	10		10		10





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PH (SubTestCode 301)											Data units:
WebCode	SRW1807			SRW1808			SRW1809				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
ATCG3M	8.87	-0.04	0.08	7.44	-0.47	1.00	8.01	0.53	0.59		
AYYW2R	8.91	0.13	0.14	7.57	-0.17	0.49	7.72	-0.40	0.63		
E8Y8YJ	9.03	0.63	0.85	7.66	0.02	0.17	7.83	-0.05	0.45		
EJAFZP	8.77	-0.45	0.26	7.40	-0.57	0.64	7.34	-1.62	0.75		
ELDD9X	8.88	0.00	0.00	7.60	-0.10	0.04	8.50	2.13			
FBAMWN	8.82	-0.24	0.04	7.82	0.40	0.11	8.09	0.80	0.11		
GJMUHJ	9.10	0.93	0.08	7.85	0.46	0.19	7.84	0.00	0.21		
GW99D7	9.02	0.60	0.92	7.70	0.11	2.07	7.78	-0.22	0.76		
HLKY2H	9.03	0.65	0.17	8.82	2.70	1.15	8.30	1.49	0.61		
MDDLHG	8.39	-2.07	0.14	6.73	-2.09	0.39	7.57	-0.90	0.58		
PNKFGY	8.83	-0.20	3.62	7.65	0.00	2.64	7.66	-0.60	3.22		
VAJUEB	9.06	0.74	0.13	7.69	0.09	0.34	7.88	0.12	0.56		
Y6YWL6	9.07	0.79	0.25	7.63	-0.03	0.57	7.90	0.18	0.36		
YB88UY	8.37	-2.14	0.05	8.72	2.45	0.14	7.84	-0.01	0.20		
ZTMQA3	8.76	-0.52	0.24	7.45	-0.46	0.30	8.17	1.05	0.51		

PH (SubTestCode 301)											Data units:
	SRW1807			SRW1808			SRW1809				
Grand Median	8.88			7.65			7.84				
Median Abs Dev	0.14			0.18			0.16				
Avg Within Lab SD	0.12			0.15			0.10				
Labs Included	15			15			15				
Labs Reporting	15			15			15				



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EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ATCG3M	0.52	0.60	0.23	0.16	1.39	2.76	0.86	0.27	0.28
AYYW2R	0.41	-2.56	0.08	0.15	0.00	0.64	0.67	-3.52X	0.20
E8Y8YJ	0.51	0.37	0.00	0.15	0.00	0.00	0.85	0.19	0.59
EJAFZP	0.51	0.27	0.80	0.15	0.34	1.23	0.85	0.19	0.59
ELDD9X	0.50	-0.05	0.08	0.14	-0.62	0.00	0.85	0.20	0.00
FBAMWN	0.49	-0.29	0.59	0.16	0.97	0.06	0.80	-0.81	1.00
GJMUHJ	0.53	1.07	0.14	0.16	1.16	0.33	0.91	1.41	0.18
GW99D7	0.56	1.71	2.50	0.16	1.37	1.50	0.90	1.04	2.17
HLKY2H	0.50	0.17	0.80	0.15	0.00	0.00	0.85	0.05	0.59
MDDLHG	0.47	-0.70	0.80	0.14	-1.03	0.00	0.78	-1.29	0.00
PNKFGY	0.50	-0.01	0.97	0.15	-0.48	0.65	0.84	-0.05	1.52
VAJUEB	0.50	0.07	0.49	0.14	-0.68	0.12	0.83	-0.22	0.41
Y6YWL6	0.50	0.00	0.89	0.14	-0.72	0.37	0.83	-0.21	1.24
YB88UY	0.43	-1.84	0.00	0.12	-3.20X	0.02	0.73	-2.22	0.12
ZTMQA3	0.48	-0.41	2.11	0.14	-0.68	1.23	0.78	-1.29	1.77

EC (SubTestCode 302)

Data units: dS/m

	SRW1807	SRW1808	SRW1809
Grand Median	0.50	0.15	0.84
Median Abs Dev	0.01	0.01	0.01
Avg Within Lab SD	0.01	0.00	0.01
Labs Included	15	14	14
Labs Reporting	15	15	15



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Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ATCG3M	0.09	-0.16	0.18	0.90	0.94	0.28	3.94	0.17	0.73
AYYW2R	0.10	0.61	0.94	0.62	-1.43	0.30			
E8Y8YJ	0.09	0.00	2.24	0.75	-0.29	1.26	3.95	0.20	1.70
EJAFZP	0.06	-1.11	0.99	0.63	-1.29	1.92	3.47	-1.55	1.43
ELDD9X	0.08	-0.61	0.02	0.78	-0.08	0.52	3.71	-0.68	0.19
FBAMWN	0.09	0.15	0.02	0.76	-0.21	0.22	3.36	-1.93	0.17
GJMUHJ	0.09	-0.08	0.07	0.75	-0.28	0.25	4.04	0.51	0.13
HLKY2H	0.03	-2.39		0.86	0.57	0.91	4.19	1.05	2.17
MDDLHG	0.11	0.86	1.04	0.83	0.39	0.15	3.90	0.02	0.29
PNKFGY				0.83	0.39	1.94	3.89	-0.02	1.02
VAJUEB	0.09	0.14	0.11	0.80	0.13	0.12	3.70	-0.72	0.21
Y6YWL6	0.10	0.28	1.77	0.92	1.08	1.66	4.06	0.60	0.67
YB88UY	0.04	-1.97	0.83	0.51	-2.29	0.26	2.47	-5.13X	0.19
ZTMQA3	0.10	0.42	0.43	0.80	0.08	0.84	3.72	-0.65	0.33

Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

	SRW1807	SRW1808	SRW1809
Grand Median	0.09	0.79	3.90
Median Abs Dev	0.01	0.05	0.17
Avg Within Lab SD	0.02	0.03	0.11
Labs Included	13	14	12
Labs Reporting	13	14	13



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Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ATCG3M	0.01	-0.14	0.14	0.45	0.94	0.85	3.85	0.81	0.31
AYYW2R	0.01	-0.63	1.50	0.26	-1.61	0.95			
E8Y8YJ	0.02	1.24	2.39	0.35	-0.37	1.29	3.53	-0.22	0.62
EJAFZP	0.02	0.32	0.90	0.30	-1.06	0.00	3.43	-0.54	2.33
ELDD9X	0.01	-0.87	0.00	0.35	-0.41	0.11	3.51	-0.30	0.52
FBAMWN	0.02	0.44	0.10	0.37	-0.13	0.05	3.59	-0.05	0.21
GJMUHJ	0.01	-0.11	0.29	0.41	0.43	0.49	3.60	0.00	0.38
HLKY2H	0.01	0.00	1.13	0.41	0.48	1.42	3.94	1.10	1.63
MDDLHG	0.03	2.39	0.46	0.39	0.13	1.70	3.77	0.54	0.45
PNKFGY				0.40	0.28	1.56	3.82	0.71	0.52
VAJUEB	0.01	-0.41	0.09	0.36	-0.26	0.04	3.47	-0.42	0.24
Y6YWL6	0.02	0.74	1.28	0.45	1.01	1.20	4.05	1.45	1.71
YB88UY	0.01	-0.26	0.39	0.30	-1.09	0.62	3.06	-1.75	0.60
ZTMQA3	0.02	1.24	0.90	0.47	1.23	1.14	3.87	0.88	0.40

Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

	SRW1807	SRW1808	SRW1809
Grand Median	0.014	0.38	3.60
Median Abs Dev	0.003	0.03	0.17
Avg Within Lab SD	0.006	0.01	0.07
Labs Included	13	14	13
Labs Reporting	13	14	13



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Na (SubTestCode 305) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW1807			SRW1808			SRW1809			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ATCG3M	4.68	0.74	0.43	0.28	0.60	0.41	2.10	-0.04	0.40	
AYYW2R	3.45	-2.19	1.99	0.17	-1.60	0.97				
E8Y8YJ	4.37	0.00	1.22	0.24	-0.17	1.77	2.02	-0.51	2.11	
EJAFZP	4.03	-0.81	0.81	0.30	0.99	0.00	1.83	-1.70	0.96	
ELDD9X	4.39	0.04	0.07	0.23	-0.53	0.00	1.89	-1.33	0.12	
FBAMWN	4.34	-0.08	0.17	0.50	5.06X	1.27	1.98	-0.77	0.53	
GJMUHJ	4.74	0.89	0.18	0.27	0.34	0.48	2.11	0.04	0.37	
GW99D7	4.36	-0.02	0.61	0.24	-0.26	0.11	2.17	0.43	0.53	
HLKY2H	4.90	1.26	1.56	0.28	0.55	1.19	2.22	0.72	1.68	
MDDLHG	4.42	0.11	0.24	0.35	2.01	0.43	2.14	0.24	0.27	
PNKFGY	4.75	0.90	1.79	0.25	-0.01	0.80	2.12	0.08	0.91	
VAJUEB	4.36	-0.03	0.22	0.23	-0.41	0.04	1.92	-1.17	0.15	
Y6YWL6	5.47	2.61	1.54	0.33	1.64	2.21	2.24	0.83	1.97	
YB88UY	4.34	-0.08	0.22	0.25	0.01	1.48	2.22	0.70	0.27	
ZTMQA3	4.22	-0.37	0.37	0.24	-0.31	0.41	1.96	-0.88	0.25	

Na (SubTestCode 305) in the Cations Property Groups										Data units: mmolc/L
	SRW1807			SRW1808			SRW1809			
Grand Median	4.37			0.25			2.10			
Median Abs Dev	0.15			0.02			0.11			
Avg Within Lab SD	0.14			0.01			0.06			
Labs Included	15			14			14			
Labs Reporting	15			15			14			



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K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ATCG3M	0.478	0.925	0.458	0.093	1.107	0.409	0.095	0.259	0.350
AYYW2R	0.335	-2.414	0.417	0.043	-0.543	0.057			
E8Y8YJ	0.440	0.039	0.521	0.080	0.684	1.086	0.100	0.406	1.747
ELDD9X	0.437	-0.039	0.108	0.052	-0.253	0.000	0.072	-0.360	0.267
FBAMWN	1.375	21.880X	1.035	0.175	3.869	0.347	0.235	4.045	0.677
GJMUHJ	0.471	0.772	0.274	0.062	0.095	0.279	0.081	-0.115	0.179
GW99D7	0.434	-0.109	0.318	0.058	-0.064	0.063	0.085	0.000	0.175
HLKY2H	0.495	1.328	2.073	0.060	0.020	2.854	0.104	0.522	1.596
MDDLHG	0.423	-0.348	0.391	0.085	0.866	1.010	0.105	0.528	1.261
PNKFGY	0.454	0.369	1.494	0.059	-0.020	0.319	0.080	-0.140	0.181
VAJUEB	0.415	-0.537	0.108	0.052	-0.253	0.000	0.071	-0.369	0.101
YB88UY	0.469	0.707	1.957	0.351	9.759X	4.273	0.364	7.536X	9.399
ZTMQA3	0.417	-0.506	0.795	0.050	-0.320	1.086	0.060	-0.676	1.747

K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

	SRW1807	SRW1808	SRW1809
Grand Median	0.44	0.060	0.085
Median Abs Dev	0.02	0.009	0.014
Avg Within Lab SD	0.02	0.009	0.006
Labs Included	12	12	11
Labs Reporting	13	13	12



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NH4-N (SubTestCode 307) in the Cations Property Groups										Data units: mmolc/L
SRW1807			SRW1808			SRW1809				
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ELDD9X							0.001		0.020	
GJMUHJ	0.001		0.000	0.001		0.000	0.002		0.006	
MDDLHG	0.008		1.414	0.007		1.414	0.040		1.732	
NH4-N (SubTestCode 307) in the Cations Property Groups										Data units: mmolc/L
SRW1807			SRW1808			SRW1809				
Grand Median	0.004			0.004			0.002			
Median Abs Dev										
Avg Within Lab SD	0.001			0.003			0.028			
Labs Included	2			2			3			
Labs Reporting	2			2			3			



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Sum Cations (SubTestCode 308) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ATCG3M	5.26	0.42	0.64	1.72	1.05	0.48	9.99	0.21	0.75
ELDD9X	4.91	-0.64	0.08	1.40	-1.30	0.51	9.18	-1.63	0.20
GJMUHJ	5.32	0.59	0.32	1.49	-0.63	0.64	9.83	-0.14	0.27
HLKY2H	5.42	0.89	2.15	1.61	0.21	1.82	10.45	1.28	2.22
MDDLHG	4.98	-0.42	0.75	1.66	0.63	0.33	9.96	0.14	0.51
ZTMQA3	4.76	-1.08	0.53	1.55	-0.21	1.29	9.61	-0.65	0.34

Sum Cations (SubTestCode 308) in the Cations Property Groups

Data units: mmolc/L

	SRW1807	SRW1808	SRW1809
Grand Median	5.12	1.58	9.89
Median Abs Dev	0.20	0.08	0.19
Avg Within Lab SD	0.11	0.03	0.16
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	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
EJAFZP	20.67		0.71	0.50	1.94	2.20	1.00	0.00	
ELDD9X	21.50		0.01	0.30	0.00	0.02	1.00	-0.03	0.48
PNKFGY				0.23	-0.73	0.12	0.76	-1.59	1.76
YB88UY	27.04		1.86	0.37	0.63	0.39	1.26	1.71	0.19
ZTMQA3	17.17		0.21	0.29	-0.07	0.07	1.01	0.04	0.80

SAR (SubTestCode 309) in the Cations Property Groups

Data units:

	SRW1807	SRW1808	SRW1809
Grand Median	21.1	0.30	1.00
Median Abs Dev		0.06	0.01
Avg Within Lab SD	4.4	0.08	0.01
Labs Included	4	5	5
Labs Reporting	4	5	5



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Adj-SAR (SubTestCode 310) in the Cations Property Groups

Data units:

WebCode	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
EJAFZP	11.83		1.00	0.27		1.00	1.03		1.00

Adj-SAR (SubTestCode 310) in the Cations Property Groups

Data units:

	SRW1807	SRW1808	SRW1809
Grand Median	11.8	0.27	1.03
Median Abs Dev			
Avg Within Lab SD	0.9	0.12	0.06
Labs Included	1	1	1
Labs Reporting	1	1	1



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

WebCode	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ATCG3M	3.00	0.51	0.56	0.90	1.03	2.08	2.83	1.54	0.27
E8Y8YJ	1.88	-1.53	1.11	0.83	0.14	0.11	2.54	-0.10	0.08
EJAFZP	2.60	-0.22	1.88	0.27	-6.25X	1.06	2.33	-1.30	2.24
ELDD9X	2.65	-0.13	0.00	0.80	-0.17	0.00	2.56	0.00	0.00
GJMUHJ	2.78	0.11	0.53	0.85	0.39	0.25	2.76	1.13	0.38
HLKY2H	3.88	2.12	1.60	0.94	1.47	0.51	2.68	0.71	1.50
MDDLHG	2.13	-1.07	0.40	0.65	-1.91	1.72	2.57	0.05	0.34
PNKFGY	2.72	0.00	0.86	0.80	-0.14	0.64	2.40	-0.91	0.62
ZTMQA3	2.93	0.39	0.41	0.80	-0.17	0.00	2.50	-0.34	

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

	SRW1807	SRW1808	SRW1809
Grand Median	2.72	0.81	2.56
Median Abs Dev	0.21	0.02	0.12
Avg Within Lab SD	0.14	0.11	0.19
Labs Included	9	8	9
Labs Reporting	9	9	9



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CO3 (SubTestCode 312) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ATCG3M	0.85	1.84	0.19						
EJAFZP	0.20	-1.14	0.00						
ELDD9X	0.30	-0.68	0.00				0.25		
GJMUHJ	0.39	-0.27	0.06						
HLKY2H	0.45	0.00	2.62						
MDDLHG	0.47	0.11	0.28						
ZTMQA3	0.60	0.68	0.00						

CO3 (SubTestCode 312) in the Anions Property Groups

Data units: mmolc/L

	SRW1807	SRW1808	SRW1809
Grand Median	0.45		0.25
Median Abs Dev	0.15		
Avg Within Lab SD	0.12	0.00	0.00
Labs Included	7	0	1
Labs Reporting	7	0	1



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CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ATCG3M	0.91	0.26	0.05	0.09	-0.25	0.18	0.40	0.14	0.14
AYYW2R	0.92	0.31	1.67	0.14	0.25	1.01	0.48	1.03	0.70
E8Y8YJ	0.65	-1.08	1.71	0.18	0.61	1.84	0.36	-0.31	1.23
EJAFZP	0.82	-0.17	0.23	0.05	-0.61	0.41	0.41	0.27	0.25
ELDD9X	0.90	0.25	0.00	0.11	0.00	0.00	0.45	0.72	0.00
FBAMWN	0.82	-0.21	0.60	0.04	-0.64	0.41	0.38	-0.09	0.72
GJMUHJ	0.87	0.06	0.36	0.08	-0.33	0.04	0.32	-0.69	0.11
HLKY2H	1.39	2.80	1.91	0.15	0.38	2.38	0.64	2.78	2.14
MDDLHG	0.90	0.24	1.20	0.13	0.18	0.12	0.50	1.29	0.28
PNKFGY	0.42	-2.28	0.42	0.49	3.46		0.35	-0.42	2.13
VAJUEB	0.86	0.00	0.14	0.07	-0.43	0.06	0.39	0.00	0.03
Y6YWL6	0.70	-0.84	0.91	0.26	1.31	1.24	0.31	-0.85	1.09
YB88UY	27.43	139.32X	171.68	4.60	41.11X	110.09	11.41	120.69X	42.26
ZTMQA3	0.80	-0.28	0.82	0.08	-0.30	0.00	0.37	-0.17	0.00

CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

	SRW1807	SRW1808	SRW1809
Grand Median	0.86	0.11	0.39
Median Abs Dev	0.05	0.04	0.04
Avg Within Lab SD	0.03	0.03	0.04
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	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ATCG3M				0.031	0.019	0.045	0.010	-0.846	0.092
AYYW2R	0.011	0.018	0.298	0.117	5.744X	6.962	0.031	0.000	2.428
E8Y8YJ	0.060	2.440	2.621	0.067	2.388	3.009	0.070	1.633	1.918
EJAFZP				0.010	-1.366		0.010	-0.848	0.000
ELDD9X	0.001	-0.457	0.000	0.040	0.621	0.000	0.026	-0.186	0.000
FBAMWN	0.010	-0.018		0.032	0.106	1.262	0.047	0.694	1.539
GJMUHJ	0.001	-0.471	0.000	0.026	-0.309	0.221	0.023	-0.316	0.237
GW99D7	0.011	0.034	0.080	0.030	-0.019	0.086	0.045	0.613	0.128
HLKY2H				0.029	-0.086	0.088	0.077	1.937	0.046
VAJUEB				0.029	-0.107	0.000	0.029	-0.076	0.064
Y6YWL6	0.000	-0.484	0.012	0.022	-0.571	0.129	0.027	-0.145	0.879
YB88UY	0.040	1.474	0.187	0.059	1.880	0.521	0.057	1.082	0.448
ZTMQA3				0.040	0.621	0.000	0.040	0.393	0.000

NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

	SRW1807	SRW1808	SRW1809
Grand Median	0.010	0.031	0.031
Median Abs Dev	0.009	0.007	0.015
Avg Within Lab SD	0.022	0.013	0.009
Labs Included	8	12	13
Labs Reporting	8	13	13



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

WebCode	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ATCG3M	0.95	0.05	0.17	0.52	1.36	0.21	6.94	1.59	0.03
E8Y8YJ	0.86	-1.88	2.99	0.45	-0.76	2.82	6.02	-0.97	2.82
EJAFZP	0.95	-0.05	0.38	0.48	0.19	0.71	6.39	0.05	0.63
ELDD9X	0.96	0.06	0.02	0.44	-0.98	0.22	5.89	-1.33	0.10
GJMUHJ	0.98	0.56	0.16	0.48	0.05	0.40	6.39	0.06	0.17
HLKY2H	1.02	1.46	0.34	0.54	2.12	0.28	6.94	1.58	0.59
MDDLHG	0.93	-0.49	0.05	0.47	-0.23	0.10	6.35	-0.05	0.69
PNKFGY	0.97	0.29	0.71	0.48	0.33	0.66	6.57	0.57	0.64
Y6YWL6	0.92	-0.60	0.46	0.47	-0.05	0.85	6.27	-0.27	0.58
ZTMQA3	0.89	-1.31	0.00	0.45	-0.66	0.20	6.27	-0.27	0.18

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

	SRW1807	SRW1808	SRW1809
Grand Median	0.95	0.47	6.37
Median Abs Dev	0.02	0.02	0.15
Avg Within Lab SD	0.08	0.03	0.39
Labs Included	10	10	10
Labs Reporting	10	10	10



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Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW1807			SRW1808			SRW1809			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ATCG3M	5.71	0.97	0.69	1.54	0.55	1.77	10.17	1.42	0.29	
EJAFZP	4.59	-0.59	1.95	0.80	-2.33	1.03	9.14	-0.54	1.64	
ELDD9X	4.81	-0.29	0.01	1.40	0.00	0.05	9.18	-0.46	0.18	
GJMUHJ	5.02	0.00	0.67	1.43	0.12	0.31	9.49	0.13	0.33	
HLKY2H	6.29	1.77	1.37	1.67	1.06	0.78	10.34	1.72	1.34	
MDDLHG	4.44	-0.80	0.56	1.25	-0.58	1.44	9.42	0.00	1.48	
ZTMQA3	5.23	0.29	0.27	1.37	-0.09	0.04	9.18	-0.46	0.31	

Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
	SRW1807			SRW1808			SRW1809			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	5.02			1.40			9.42			
Median Abs Dev	0.42			0.14			0.24			
Avg Within Lab SD	0.14			0.13			0.23			
Labs Included	7			7			7			
Labs Reporting	7			7			7			



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

WebCode	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ELDD9X	0.100		0.033	0.008		0.093	0.000		0.184
GJMUHJ	0.302		0.299	0.067		0.299	0.340		0.243
HLKY2H	-0.874		1.864	-0.062		0.749	0.118		0.816
MDDLHG	0.542		0.660	0.415		1.828	0.533		1.800

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

	SRW1807	SRW1808	SRW1809
Grand Median	0.20	0.038	0.23
Median Abs Dev			
Avg Within Lab SD	0.20	0.106	0.14
Labs Included	4	4	4
Labs Reporting	4	4	4



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Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

WebCode	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ATCG3M	0.139	1.459	1.022				0.130	1.425	0.350
EJAFZP	0.193	3.718X	4.502	0.060	1.067	2.158	0.127	1.274	0.876
ELDD9X	0.103	0.000	0.250	0.094	1.982	0.436	0.081	-0.589	0.463
FBAMWN	0.081	-0.907		0.026	0.138				
GJMUHJ	0.086	-0.709	0.692	0.001	-0.528	0.062	0.077	-0.775	0.447
HLKY2H	0.101	-0.083	1.191				0.090	-0.233	0.844
MDDLHG	0.073	-1.239	1.249				0.067	-1.192	0.876
PNKFGY	0.127	0.984	0.921				0.106	0.433	2.077
Y6YWL6	0.119	0.647	1.514	0.016	-0.138	0.312	0.099	0.151	1.272
ZTMQA3	0.104	0.041	0.544	0.014	-0.193	0.225	0.096	0.000	0.533

Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

	SRW1807	SRW1808	SRW1809
Grand Median	0.10	0.021	0.10
Median Abs Dev	0.02	0.013	0.01
Avg Within Lab SD	0.00	0.009	0.01
Labs Included	9	6	9
Labs Reporting	10	6	9



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PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups

Data units: mg/L

WebCode	SRW1807			SRW1808			SRW1809		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
FBAMWN	0.040		1.983	0.065		1.975	0.039		1.984
GJMUHJ	0.019		0.062	0.059		0.063	0.042		0.164
GW99D7	0.105		0.250	0.404		0.306	0.120		0.181
VAJUEB	0.016		0.036	0.051		0.025	0.032		0.050

PO4-P Phosphorus - Spec (SubTestCode 319) in the Other Property Groups

Data units: mg/L

	SRW1807	SRW1808	SRW1809
Grand Median	0.030	0.062	0.040
Median Abs Dev			
Avg Within Lab SD	0.016	0.023	0.020
Labs Included	4	4	4
Labs Reporting	4	4	4



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Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups										Data units: mg/L
WebCode	SRW1807			SRW1808			SRW1809			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ELDD9X	0.015		1.000	0.058		0.024	0.039		0.088	
HLKY2H	0.034			0.111		1.730	0.040		1.719	
VAJUEB				0.056		0.072	0.031		0.191	

Phosphorus - ICP (Total) (SubTestCode 320) in the Other Property Groups										Data units: mg/L
	SRW1807			SRW1808			SRW1809			
Grand Median		0.025			0.058			0.039		
Median Abs Dev										
Avg Within Lab SD		0.001			0.048			0.013		
Labs Included		2			3			3		
Labs Reporting		2			3			3		



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