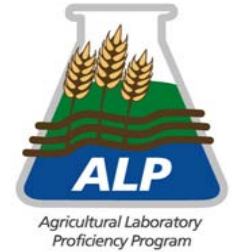


ALP Program

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 - Spring 2019 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Spring 2019 (Cycle 38) was completed in November 2018, with participation by 105 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: SRS1901 a Cropley clay collected from San Louis Obispo Cty, CA; SRS1902 a loam collected from Middlesex, ON, CANADA; SRS1903 a Busti silt loam collected from Chautauqua Cty, NY; SRS1904 a Crosby silt loam collected from Madison Cty, IL; and SRS1905 a Deerford silt loam collected from East Baton Rouge Cty, LA. Standard Reference Botanical (SRB) materials were: SRB1901 pistachio leaf composite from CA; SRB1902 spinach leaf composite from CA; SRB1903 corn leaf composite from IA and SRB1904 citrus leaf composite from CA. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW1901 a canal in CO, SRW1902 well source in CO, and SRW1903 a surface canal 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	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2CARCQ	67.3	-0.6	0.8	35.7	-0.2	0.5	49.0	-0.2		42.0	-0.6	0.6	37.0	-0.4	0.9	
2JFLQX	71.7	-0.2	0.2	35.9	-0.2	0.5	48.6	-0.3	0.1	41.7	-0.6	0.2	35.9	-0.6	0.0	
37PXC	82.0	0.7	0.7	40.6	0.9	0.8	60.3	1.3	0.6	51.7	1.0	1.0	42.3	0.7	0.5	
4JKY3W	88.4	1.3	0.8	38.1	0.3	0.2	57.1	0.9	1.2	50.4	0.8	0.5	42.2	0.7	0.5	
6BAWGV	85.4	1.1	1.5	38.9	0.5	0.2	57.2	0.9	0.1	46.6	0.2	0.1	41.4	0.5	0.1	
6HBC4H	70.7	-0.3	0.4	39.3	0.6	0.5	52.7	0.3	0.6	48.7	0.5	0.7	43.3	0.9	1.0	
9XEPBP	71.7	-0.2	1.5	36.7	0.0	2.0	47.7	-0.4	0.6	41.3	-0.7	1.0	38.7	-0.1	2.0	
AZBTFG	79.0	0.5	0.7	36.3	-0.1	0.5	50.7	0.0	0.6	47.3	0.3	0.4	39.3	0.1	0.5	
CBNPHQ	80.1	0.6	1.8	44.0	1.7	2.6	64.2	1.8	2.4	47.1	0.3	2.9	48.5	2.0	2.1	
ENN97V	84.5	1.0	1.7	39.9	0.8	2.1	55.7	0.7	1.8	49.6	0.7	2.6	37.8	-0.2	2.3	
EVMY7C	87.2	1.2		39.6	0.7		57.7	1.0		49.1	0.6		40.5	0.3		
F9T3DR	74.0	0.0		37.3	0.2	0.5	51.3	0.1	0.6	44.7	-0.1	0.4	42.3	0.7	0.5	
JDQ3VJ	87.4	1.2	0.7	41.3	1.1	0.3	60.5	1.3	0.5	51.5	1.0	0.1	42.7	0.8	0.6	
JDRQHP	70.3	-0.3	0.4	35.7	-0.2	0.9	49.3	-0.2	0.6	43.3	-0.4	0.4	35.7	-0.7	0.5	
JT62BH	69.9	-0.4	1.1	29.8	-1.6	0.7	44.6	-0.8	0.6	37.6	-1.3	0.4	31.9	-1.5	0.4	
NQYCNB	99.0	2.3	0.0	44.1	1.8	0.4	65.7	2.1	0.7	56.2	1.8	0.9	47.0	1.7	1.1	
QPG6ED	89.8	1.5	1.9	40.4	0.9	0.7	54.2	0.5	1.0	50.3	0.8	0.4	43.5	0.9	0.4	
QQE7NB	69.1	-0.5	1.1	31.9	-1.1	1.0	45.5	-0.7	1.7	40.1	-0.9	0.6	35.7	-0.7	1.6	
R4VPDX	72.4	-0.1	0.3	34.8	-0.4	0.0	49.1	-0.2	0.3	41.9	-0.6	0.3	38.1	-0.2	0.2	
UCKX98	72.5	-0.1	0.2	32.7	-0.9	0.5	47.2	-0.5	0.8	45.5	0.0	0.9	39.0	0.0	0.7	
XYKHK8	69.0	-0.5	0.7	36.0	-0.2	0.8	49.0	-0.2	1.0	41.7	-0.7	0.7	36.3	-0.5	0.5	
Y73BCW	64.8	-0.8	0.2	32.7	-0.9	0.5	43.9	-0.9	0.4	40.6	-0.8	0.3	34.9	-0.9	0.2	
ZQ2WP9	74.3	0.0	0.8	36.2	-0.1	1.0	49.0	-0.2	1.3	41.5	-0.7	0.8	36.6	-0.5	0.2	



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	74.0	36.7	50.7	45.5	39.0	
Median Abs Dev	5.0	2.7	3.5	3.9	3.2	
Avg Within Lab SD	1.4	1.3	1.0	1.6	1.1	
Labs Included	23	23	23	23	23	
Labs Reporting	23	23	23	23	23	



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pH - sp (SubTestCode 102) in the Salinity Property Groups														Data units: Unit		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
37PXCP	7.77	-0.08	0.11	7.43	0.13	0.35	5.25	0.15	0.04	6.03	0.27	0.24	7.23	-0.13	0.16	
4JKY3W	7.75	-0.24	0.11	7.44	0.18	0.23	5.24	0.06	0.32	6.06	0.53	0.36	7.32	0.46	0.41	
6BAWGV	7.76	-0.18	0.74	7.41	-0.03	0.92	5.31	0.50	0.04	6.05	0.50	0.50	7.25	0.02	0.27	
6HBC4H	7.60	-1.11	2.57	7.24	-1.32	0.92	4.93	-1.95	4.16	5.98	-0.21	1.56	7.22	-0.15	0.87	
9XEPBP	7.77	-0.08	0.30	7.35	-0.48	0.35	5.16	-0.48	0.07	5.88	-1.18	0.00	7.29	0.29	0.27	
AZBTFG	7.98	1.19	0.11	7.49	0.59	0.13	5.23	-0.02	0.07	6.03	0.31	0.27	7.49	1.63	0.41	
CBNPHQ	7.98	1.15	1.08	7.55	1.02	0.40	5.26	0.17	0.15	5.97	-0.31	0.86	7.48	1.54	0.71	
DH3XBF	7.92	0.84	0.59	7.42	0.03	0.40	5.11	-0.77	0.09	5.86	-1.41	0.18	7.28	0.24	0.22	
ENN97V	7.60	-1.13	0.00	7.00	-3.18X		4.80	-2.79	0.00	5.67	-3.24	1.37	6.93	-2.06	1.56	
EVMY7C	7.85	0.38		7.35	-0.51		5.19	-0.26		6.04	0.37		7.17	-0.51		
F9T3DR	7.75	-0.20	1.08	7.28	-1.04	0.46	5.08	-0.95	0.07	5.91	-0.92	0.14	7.24	-0.07	0.68	
JDRQHP	7.61	-1.09	0.41	7.32	-0.74	0.60	5.42	1.21	0.31	6.05	0.47	1.49	7.09	-1.05	0.87	
JT62BH	8.27	2.93X	0.34	7.44	0.20	0.92	5.09	-0.89	0.09	6.09	0.85	0.48	7.10	-0.94	0.68	
NQYCNB	7.83	0.24	0.30	7.51	0.74	0.35	5.28	0.32	0.16	6.07	0.63	1.82	7.25	0.00	0.95	
QPG6ED	8.00	1.27	1.60	7.70	2.19	0.73	4.16	-6.92X	0.04	6.47	4.53X	1.43	7.47	1.47	0.94	
QQE7NB	7.71	-0.46	0.20	7.41	-0.05	0.46	5.23	0.02	0.40	6.00	-0.02	0.63	7.25	0.00	1.28	
R4VPDX	7.88	0.57	0.34	7.44	0.20	0.13	5.13	-0.65	0.00	6.00	-0.05	0.14	7.37	0.79	0.16	
UCKX98	7.61	-1.09	0.99	7.27	-1.09	1.15	5.34	0.74	0.31	6.00	0.02	1.20	7.11	-0.92	1.63	
XYKHK8	7.80	0.08	0.39	7.27	-1.15	0.26	5.26	0.22	0.23	5.99	-0.11	0.86	7.20	-0.29	0.16	
Y73BCW	7.99	1.23	0.52	7.60	1.37	1.97	5.29	0.39	0.12	6.11	1.05	0.86	7.45	1.36	0.16	
ZQ2WP9	7.93	0.85	2.16	7.36	-0.43	3.02	5.08	-0.95	1.06	5.89	-1.05	2.08	7.21	-0.24	2.82	



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pH - sp (SubTestCode 102) in the Salinity Property Groups						Data units: Unit
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	7.79	7.42	5.23	6.00	7.25	
Median Abs Dev	0.12	0.07	0.08	0.05	0.07	
Avg Within Lab SD	0.05	0.04	0.16	0.04	0.04	
Labs Included	20	20	20	20	21	
Labs Reporting	21	21	21	21	21	



ALP Program - Participant Web Summary Report - Cycle 38 - Spring 2019

ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
28JJ82	0.50	-1.02	0.46	1.85	-0.63	0.47	3.89	-0.21	0.54	1.92	-0.02	0.70	1.96	-0.53	0.18		
2CARCQ	0.44	-1.44	0.17	1.92	-0.39	0.47	4.10	0.31	0.75	1.95	0.08	0.49	2.02	-0.33	1.00		
2JFLQX	0.71	0.51	2.13	2.04	0.08	0.12	4.20	0.56	0.31	2.26	1.20	2.78	2.34	0.88	0.50		
37PSCP	0.68	0.30	0.40	2.08	0.24	0.14	3.73	-0.61	2.49	1.85	-0.27	0.41	2.24	0.53	1.64		
4JKY3W	0.71	0.51	0.54	2.04	0.06	0.26	4.36	0.96	0.47	2.03	0.39	0.29	2.45	1.30	0.43		
6BAWGV	0.68	0.29	0.39	1.99	-0.11	0.57	3.63	-0.83	1.64	1.71	-0.78	0.40	2.07	-0.11	0.22		
6HBC4H	0.64	0.05	1.15	2.02	-0.01	0.75	3.97	0.00	1.01	1.92	-0.03	0.44	2.02	-0.33	0.71		
9XEPBP	0.64	0.05	0.97	2.13	0.41	1.20	4.46	1.19	0.92	2.19	0.95	1.00	2.17	0.27	2.17		
AZBTFG	0.58	-0.43	0.34	2.11	0.33	0.08	4.06	0.21	0.68	1.93	0.02	0.42	2.12	0.05	0.21		
CARCQR	0.41	-1.66	0.70	2.01	-0.05	0.50	4.02	0.12	1.02	1.96	0.13	0.32	2.04	-0.22	0.50		
CBNPHQ	0.73	0.70	0.97	2.08	0.22	1.87	3.63	-0.85	1.41	2.16	0.83	1.76	1.97	-0.50	1.26		
DH3XBF	0.58	-0.41	0.83	1.99	-0.11	0.34	3.63	-0.84	0.51	1.99	0.24	0.21	1.99	-0.43	0.46		
ENN97V	0.58	-0.43	1.15	1.39	-2.40	1.02	2.49	-3.63X	1.57	1.43	-1.77	0.63	1.64	-1.74	0.22		
EVMY7C	0.86	1.61		2.38	1.37		4.54	1.39		2.17	0.88		2.51	1.54			
F9T3DR	0.66	0.18	0.07	2.04	0.09	0.47	3.88	-0.24	0.22	1.91	-0.07	0.29	2.07	-0.14	0.87		
JDQ3VJ	0.76	0.88	0.48	2.08	0.24	0.38	4.01	0.10	0.39	1.95	0.10	0.19	2.35	0.93	0.98		
JDRQHP	0.76	0.87	0.63	1.92	-0.39	0.36	4.09	0.29	0.06	1.79	-0.48	0.24	2.23	0.47	0.36		
JT62BH	0.69	0.36	0.76	2.46	1.67	1.26	4.52	1.33	0.51	2.44	1.83	0.49	2.79	2.61	0.67		
NQYCNB	0.88	1.76	2.09	1.87	-0.56	0.52	3.77	-0.50	0.73	1.78	-0.52	0.50	2.16	0.22	0.49		
QPG6ED	0.56	-0.56	0.10	1.78	-0.91	0.36	3.94	-0.09	0.68	1.71	-0.78	0.51	2.07	-0.11	0.30		
QQE7NB	0.48	-1.11	0.76	1.58	-1.67	0.65	3.18	-1.95	0.45	1.53	-1.42	0.57	1.83	-1.02	0.57		
R4VPDX	0.58	-0.39	0.46	2.25	0.89	0.26	4.21	0.57	1.12	2.04	0.41	0.09	2.17	0.25	0.00		
UCKX98	0.63	-0.05	0.61	1.28	-2.81	1.50	2.80	-2.88	0.10	1.34	-2.09	0.54	1.58	-1.99	1.77		
XYKHK8	0.62	-0.12	0.30	2.15	0.51	0.14	4.11	0.33	0.78	2.07	0.52	0.32	2.24	0.52	0.75		
Y73BCW	0.46	-1.27	0.78	2.02	0.01	1.66	3.87	-0.26	0.16	1.79	-0.48	0.63	2.09	-0.05	0.62		
ZQ2WP9	0.56	-0.58	2.52	1.66	-1.38	3.04	3.87	-0.25	2.18	1.57	-1.27	3.02	2.23	0.49	2.52		



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ECe - sp (SubTestCode 103) in the Salinity Property Groups						Data units: dS/m
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	0.64	2.02	3.97	1.92	2.10	
Median Abs Dev	0.07	0.10	0.20	0.14	0.13	
Avg Within Lab SD	0.03	0.08	0.10	0.11	0.07	
Labs Included	26	26	25	26	26	
Labs Reporting	26	26	26	26	26	



ALP Program - Participant Web Summary Report - Cycle 38 - Spring 2019

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	5.57	0.58	0.84	2.86	0.00	0.46	0.32	-0.07	1.39	1.26	-0.14	0.56	2.11	0.00	1.01	
CBNPHQ	2.64	-0.71	0.06	1.05	-1.18	0.34	0.39	0.07	0.35	0.93	-0.87	2.20	1.04	-1.21	0.23	
EVMY7C	6.60	1.04											1.88	-0.26		
JDRQHP	7.33	1.36	2.28	5.00	1.40	2.01	0.87	1.15	1.76	1.33	0.03	1.60	3.00	0.99	1.83	
JT62BH	2.55	-0.75	0.18	0.63	-1.46	0.17	0.10	-0.56	0.09	0.68	-1.44	0.74	0.79	-1.49	0.05	
QPG6ED	5.03	0.34	1.35	2.97	0.07	1.43				1.32	0.00	0.42	2.56	0.50	0.73	
QQE7NB	3.20	-0.46	0.59	3.33	0.31	0.88	0.80	1.00	0.00	1.70	0.84	0.00	2.63	0.58	1.06	
R4VPDX	3.47	-0.34	0.26	1.33	-1.00	0.67	0.20	-0.35	0.00	0.63	-1.53	0.40	1.20	-1.02	0.00	
XYKHK8	5.93	0.74	0.22	2.12	-0.49	0.75	0.31	-0.10	0.74	1.54	0.49	0.60	2.12	0.00	0.90	
Y73BCW	3.28	-0.43	0.88	3.12	0.17	0.88	1.29	2.09	1.51	1.65	0.73	0.17	2.74	0.70	1.45	

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	4.25			2.86			0.35			1.32			2.11			
Median Abs Dev	1.46			0.74			0.20			0.33			0.57			
Avg Within Lab SD	0.45			0.17			0.07			0.14			0.11			
Labs Included	10			9			8			9			10			
Labs Reporting	10			9			8			9			10			



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K - sp (SubTestCode 105) in the Salinity Property Groups														Data units: mmol/L		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	0.10	0.02	0.00	2.38	0.61	0.64	0.56	-0.14	1.22	0.49	0.99	0.10	0.27	0.05	0.10	
37PSCP				2.12	-0.14	2.10	0.59	0.27	0.29	0.45	-0.21	0.40	0.26	-0.22	0.22	
4JKY3W				2.37	0.58	0.27	0.59	0.22	0.17	0.46	0.00	0.23	0.27	-0.04	0.00	
6BAWGV	0.11	0.06	0.20	2.41	0.69	1.62	0.57	0.00	0.29	0.46	0.00	0.23	0.27	0.04	0.22	
6HBC4H	0.10	-0.10	0.00	2.13	-0.10	0.50	0.57	-0.04	1.67	0.47	0.31	2.32	0.23	-1.01	2.23	
AZBTFG	0.10	-0.14	0.11	2.29	0.36	0.19	0.57	-0.03	0.19	0.45	-0.21	0.52	0.26	-0.26	0.18	
CBNPHQ	0.23	3.10	3.00	1.93	-0.71	2.02	0.62	0.62	1.09	0.52	1.85	2.06	0.32	1.19	1.18	
DH3XBF	0.10	-0.04	1.73	1.81	-1.04	0.59	0.47	-1.28	0.53	0.41	-1.39	1.69	0.21	-1.57	0.73	
ENN97V	0.09	-0.42	0.20	1.92	-0.74	0.91	0.48	-1.20	0.29	0.42	-1.24	0.61	0.26	-0.40	0.45	
EVMY7C	0.15	1.10		2.69	1.52		0.69	1.60		0.53	2.27		0.31	1.01		
F9T3DR	0.10	-0.02	0.20	2.02	-0.43	0.18	0.52	-0.62	0.44	0.42	-1.24	0.23	0.24	-0.75	0.22	
JDQ3VJ				2.39	0.64	0.18	0.59	0.22	0.33	0.45	-0.31	0.23	0.27	0.04	0.45	
JT62BH	0.13	0.54	0.20	2.03	-0.42	0.96	0.59	0.31	0.44	0.46	0.00	0.46	0.35	2.07	2.54	
NQYCNB	0.16	1.34	0.61	2.33	0.48	0.22	0.56	-0.18	1.96	0.46	0.10	1.06				
QPG6ED	0.49	9.24X	0.82	6.78	13.49X	0.36	19.57	252.94X	1.84	6.46	185.48X	0.81	3.59	87.66X	0.85	
R4VPDX	0.10	-0.02	0.20	2.43	0.77	0.36	0.83	3.42	0.73	0.49	1.03	0.00	0.28	0.22	0.00	
UCKX98	0.21	2.46	0.60	1.40	-2.24	1.15	0.66	1.24	2.22	0.46	0.16	1.03	0.32	1.34	0.95	
XYKHK8	0.10	-0.08	0.18	2.17	0.00	0.69	0.56	-0.08	0.36	0.45	-0.16	0.21	0.25	-0.56	0.41	

K - sp (SubTestCode 105) in the Salinity Property Groups														Data units: mmol/L		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Grand Median	0.10			2.17			0.57			0.46			0.27		
Median Abs Dev	0.00			0.21			0.02			0.01			0.02			
Avg Within Lab SD	0.03			0.11			0.03			0.02			0.03			
Labs Included	14			17			17			17			16			
Labs Reporting	15			18			18			18			17			



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Ca - sp (SubTestCode 106) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	2.0	0.2	0.6	17.3	1.2	0.8	30.6	1.4	1.5	15.1	1.7	0.4	20.2	1.5	0.5	
37PSCP	2.0	0.1	0.6	13.7	-0.2	1.7	25.0	-0.1	0.2	11.6	-0.4	0.4	16.8	0.0	0.2	
4JKY3W	1.9	-0.2	0.1	15.4	0.5	0.3	28.1	0.7	0.9	12.5	0.1	0.2	17.7	0.4	0.1	
69HX3W	17.9	39.6X	4.8	217.6	78.3X	13.2	332.5	83.6X	8.2	184.7	105.1X	12.0				
6BAWGV	1.6	-0.7	0.2	14.0	-0.1	1.0	23.8	-0.4	0.7	10.9	-0.9	0.1	15.8	-0.5	0.3	
6HBC4H	1.5	-1.2	0.6	13.2	-0.4	0.3	23.8	-0.5	0.6	11.2	-0.7	0.6	13.5	-1.5	0.5	
AZBTFG	1.6	-0.8	0.2	16.7	0.9	1.3	26.6	0.3	0.7	12.8	0.3	0.4	16.4	-0.2	0.2	
CBNPHQ	2.0	0.1	0.9	13.8	-0.2	1.2	21.7	-1.0	0.9	13.2	0.5	2.1	13.2	-1.6	1.4	
DH3XBF	1.6	-0.8	0.8	13.9	-0.1	0.9	23.0	-0.7	2.5	11.8	-0.3	1.4	15.2	-0.7	2.5	
ENN97V	2.4	1.2	3.2	12.1	-0.8	0.8	19.4	-1.6	0.5	10.0	-1.4	0.7	13.4	-1.5	0.3	
EVMY7C	2.6	1.7		16.6	0.9		29.8	1.2		13.1	0.5		18.2	0.6		
F9T3DR	1.6	-0.9	0.1	14.2	0.0	0.1	26.3	0.2	1.2	11.6	-0.5	0.3	14.5	-1.0	0.4	
JDQ3VJ	2.1	0.5	0.5	15.4	0.4	0.6	25.6	0.0	0.3	12.6	0.2	0.3	17.9	0.5	1.0	
JDRQHP	2.3	1.0	1.5	12.9	-0.5	0.3	25.3	0.0	0.2	11.0	-0.8	0.2	16.8	0.0	0.3	
JT62BH	1.7	-0.5	0.8	20.0	2.2	1.5	30.1	1.3	1.0	16.7	2.7	1.1	19.8	1.4	0.3	
NENXQH	1.9	0.0		17.4	1.2		30.3	1.3		13.1	0.5		17.2	0.2		
NQYCNB	2.6	1.6	1.0	13.2	-0.4	2.5	24.9	-0.2	0.4	11.8	-0.3	1.6	15.7	-0.5	2.0	
QPG6ED	1.7	-0.5	0.2	15.8	0.6	0.6	27.1	0.4	0.8	12.7	0.2	0.4	18.7	0.9	1.0	
QQE7NB	1.9	-0.2	0.6	13.5	-0.3	0.5	23.1	-0.6	1.0	11.4	-0.5	0.2	16.0	-0.3	0.5	
R4VPDX	2.0	0.2	0.2	17.2	1.1	0.2	38.7	3.6X	2.0	14.3	1.2	0.1	17.3	0.2	0.2	
UCKX98	2.6	1.8	0.9	9.6	-1.8	0.6	19.4	-1.7	0.6	7.7	-2.8X	0.3	10.2	-3.0X	0.9	
XYKHK8	1.8	-0.4	0.2	15.5	0.5	0.7	26.3	0.2	0.4	13.4	0.7	0.1	17.0	0.1	0.1	
Y73BCW	1.8	-0.2	1.0	13.3	-0.4	0.8	24.6	-0.2	0.9	12.1	-0.1	0.7	15.4	-0.6	0.6	
ZQ2WP9	2.2	0.8	1.4	16.2	0.7	0.7	27.9	0.6	1.7	11.7	-0.4	2.7	17.9	0.5	2.1	



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Ca - sp (SubTestCode 106) in the Salinity Property Groups						Data units: mmolc/L
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	1.93	14.2	25.5	12.3	16.8	
Median Abs Dev	0.22	1.2	2.0	0.8	1.1	
Avg Within Lab SD	0.21	0.9	0.9	0.7	0.7	
Labs Included	23	23	22	22	22	
Labs Reporting	24	24	24	24	23	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	3.77	0.96	0.06	1.57	-0.17	0.79	8.79	0.55	1.88	6.22	0.99	0.11	6.12	1.04	0.47	
37PSCP	3.22	0.27	0.81	1.79	0.73	2.00	7.55	-0.24	0.35	4.95	-0.44	0.32	4.98	-0.24	0.31	
4JKY3W	3.33	0.41	0.36	1.49	-0.49	0.16	7.80	-0.08	0.09	5.13	-0.24	0.09	5.26	0.06	0.12	
69HX3W	54.70	64.57X	13.43	12.57	43.67X	0.96	16.09	5.23X	1.39	11.83	7.31X	1.66				
6BAWGV	3.18	0.23	0.32	1.41	-0.80	0.93	7.43	-0.32	0.54	4.78	-0.63	0.13	4.95	-0.29	0.31	
6HBC4H	2.50	-0.62	0.66	1.33	-1.10	0.62	6.87	-0.68	0.44	4.53	-0.91	0.46	3.93	-1.43	0.22	
AZBTFG	2.86	-0.17	0.10	1.74	0.50	0.74	8.45	0.34	0.35	5.88	0.61	0.71	5.26	0.07	0.27	
CBNPHQ	3.00	0.00	0.59	1.64	0.12	1.02	6.62	-0.84	1.03	5.63	0.33	2.98	4.27	-1.05	1.53	
DH3XBF	2.69	-0.39	0.99	1.56	-0.19	0.14	7.12	-0.52	2.08	5.59	0.28	0.13	4.88	-0.36	3.02	
ENN97V	2.55	-0.56	0.31	1.35	-1.04	0.91	5.94	-1.27	0.46	4.28	-1.19	0.65	4.22	-1.11	0.19	
EVMY7C	5.06	2.57		1.89	1.12		10.37	1.56		6.13	0.89		6.17	1.09		
F9T3DR	3.03	0.04	0.18	1.47	-0.55	0.29	7.93	0.00	0.25	5.20	-0.16	0.14	4.70	-0.56	0.40	
JDQ3VJ	4.45	1.81	0.90	1.69	0.32	0.59	8.80	0.56	0.24	6.01	0.76	0.43	6.08	0.99	0.60	
JDRQHP	3.77	0.96	0.58	1.83	0.89	0.62	8.37	0.28	0.33	5.30	-0.05	0.39	5.77	0.64	0.88	
JT62BH	3.00	0.00	0.08	2.11	1.99	1.26	9.78	1.18	0.46	7.43	2.36	1.25	6.53	1.50	0.70	
NENXQH	2.91	-0.11		2.15	2.15		10.42	1.60		6.21	0.98		5.95	0.84		
NQYCNB	4.95	2.44	2.14	1.56	-0.19	0.92	7.85	-0.05	1.02	5.34	0.00	0.69	5.18	-0.03	0.86	
QPG6ED	3.58	0.72	0.29	1.63	0.09	0.84	9.02	0.70	0.82	6.14	0.90	0.26	6.05	0.96	0.64	
QQE7NB	2.97	-0.04	1.10	1.57	-0.17	0.62	7.30	-0.40	0.76	5.10	-0.27	0.39	5.20	0.00	0.38	
R4VPDX	2.74	-0.32	0.33	2.06	1.78	0.61	12.20	2.74	1.75	6.27	1.04	0.23	5.67	0.53	0.22	
UCKX98	2.31	-0.87	0.37	1.61	0.00	0.85	9.04	0.71	1.49	3.93	-1.59	1.20	3.82	-1.56	1.33	
XYKHK8	2.67	-0.41	1.00	1.55	-0.25	0.68	7.84	-0.05	0.91	5.55	0.23	0.71	5.17	-0.03	0.13	
Y73BCW	2.28	-0.89	0.49	1.78	0.69	1.38	7.53	-0.26	0.68	5.10	-0.27	0.80	4.80	-0.45	0.54	
ZQ2WP9	3.57	0.71	3.11	1.57	-0.17	2.20	8.84	0.58	1.36	5.00	-0.38	2.36	5.82	0.70	1.94	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups						Data units: mmolc/L
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	3.00	1.61	7.93	5.34	5.20	
Median Abs Dev	0.33	0.13	0.87	0.54	0.57	
Avg Within Lab SD	0.26	0.09	0.35	0.25	0.26	
Labs Included	23	23	23	23	23	
Labs Reporting	24	24	24	24	23	



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Na - sp (SubTestCode 108) in the Salinity Property Groups															Data units: mmolc/L		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2JFLQX	2.76	1.42	1.79	0.27	-0.35	0.14	2.77	0.56	1.67	0.55	1.47	1.84	2.66	1.04	1.01		
37PXP	2.13	-0.17	0.95	0.28	-0.33	0.66	2.45	-0.38	0.10	0.28	-0.86	0.08	2.32	-0.43	0.49		
4JKY3W	2.27	0.17	0.18	0.26	-0.44	0.09	2.56	-0.04	0.68	0.29	-0.83	0.08	2.39	-0.10	0.16		
69HX3W	204.60	513.63X	9.20	20.87	170.12X	30.46	84.87	240.38X	8.22	30.70	263.32X	9.09					
6BAWGV	2.18	-0.05	0.19	0.25	-0.55	0.16	2.46	-0.34	0.39	0.28	-0.86	0.08	2.37	-0.21	0.42		
6HBC4H	2.20	0.01	0.70	0.32	0.02	0.41	2.52	-0.16	0.41	0.35	-0.30	0.60	2.16	-1.10	0.92		
AZBTFG	2.03	-0.44	0.19	0.35	0.27	0.18	2.52	-0.16	0.49	0.45	0.62	2.56	2.34	-0.33	0.13		
CBNPHQ	1.92	-0.70	1.97	1.13	6.71X	0.75	2.82	0.70	1.90	0.94	4.84X	1.87	2.45	0.14	3.07		
DH3XBF	1.98	-0.56	1.00	0.20	-1.00	0.77	2.37	-0.61	2.23	0.59	1.80	1.90	2.16	-1.10	0.66		
ENN97V	2.02	-0.47	0.56	0.43	0.91	1.88	2.25	-0.96	0.24	0.35	-0.31	0.08	2.23	-0.78	0.42		
EVMY7C	3.18	2.49					3.52	2.75		0.42	0.33		2.83	1.77			
F9T3DR	2.39	0.49	0.51	0.71	3.29	2.38	2.82	0.72	0.63	0.68	2.63	1.99	2.44	0.10	0.57		
JDQ3VJ	2.61	1.03	0.85	0.24	-0.66	0.09	2.57	-0.01	0.50	0.27	-0.97	0.00	2.58	0.70	0.98		
JDRQHP	2.33	0.34	0.41	0.37	0.42	0.94	2.67	0.26	0.52	0.43	0.44	0.80	2.53	0.50	0.59		
JT62BH	2.23	0.08	0.80	0.30	-0.11	0.09	2.87	0.86	0.63	0.34	-0.34	0.32	2.87	1.95	0.57		
NENXQH	2.20	0.00		0.39	0.61		2.97	1.15		0.41	0.24		2.47	0.23			
NQYCNB	3.17	2.47	2.03	0.40	0.72	2.64	2.54	-0.12	1.20	0.39	0.04	0.45	2.39	-0.11	1.35		
QPG6ED	2.38	0.45	0.05	0.50	1.53	0.14	2.84	0.78	0.27	0.46	0.65	0.20	2.86	1.89	1.69		
QQE7NB	2.03	-0.42	0.83	0.30	-0.14	0.00	2.40	-0.52	0.90	0.30	-0.71	0.00	2.30	-0.50	0.00		
R4VPDX	2.16	-0.11	0.36	0.28	-0.30	0.16	3.91	3.89X	2.12	0.32	-0.51	0.08	2.49	0.32	0.47		
UCKX98	1.40	-2.03	0.40	0.56	2.05	0.45	1.66	-2.68	1.40	0.42	0.33	0.28	1.29	-4.81X	0.98		
XYKHK8	2.09	-0.27	0.90	0.34	0.19	1.17	2.58	0.01	0.82	0.39	0.04	0.71	2.34	-0.32	0.62		
Y73BCW	1.75	-1.15	0.47	0.32	0.00	0.25	2.66	0.24	0.78	0.38	-0.04	0.21	2.33	-0.36	0.62		
ZQ2WP9	2.28	0.20	1.79	0.28	-0.30	0.03	2.86	0.83	0.81	0.32	-0.53	0.71	2.61	0.84	0.12		



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Na - sp (SubTestCode 108) in the Salinity Property Groups						Data units: mmolc/L
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	2.20	0.32	2.58	0.38	2.42	
Median Abs Dev	0.17	0.05	0.18	0.06	0.11	
Avg Within Lab SD	0.14	0.06	0.11	0.07	0.10	
Labs Included	23	21	22	22	22	
Labs Reporting	24	23	24	24	23	



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SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	1.62	1.39	1.88	0.09	-0.40	0.02	0.62	-0.35	1.04	0.17	1.06	1.36	0.73	-0.07	0.70	
37PXC	1.42	0.02	0.44	0.25	1.97	3.29	0.63	-0.24	0.00	0.10	-0.89	0.20	0.74	0.08	0.60	
4JKY3W	1.41	0.00	0.08				0.61	-0.65	0.48				0.71	-0.68	0.20	
6BAWGV	1.41	-0.04	0.30				0.62	-0.35	0.24				0.73	-0.08	0.20	
6HBC4H	1.58	1.09	0.44	0.12	0.00	0.21	0.64	0.00	0.24	0.12	-0.30	0.52	0.73	-0.08	0.87	
AZBTFG	1.35	-0.40	0.36	0.12	0.00	0.10	0.61	-0.65	0.24	0.15	0.50	2.09	0.71	-0.61	0.00	
CBNPHQ	1.22	-1.29	2.47	0.40	4.19X	0.31	0.75	1.83	1.96	0.31	5.26X	0.91	0.83	2.13	2.15	
ENN97V	1.28	-0.87	0.81	0.17	0.74	0.99	0.63	-0.24	0.00	0.13	-0.10	0.00	0.75	0.30	0.34	
EVMY7C	1.62	1.38					0.78	2.42		0.14	0.20		0.81	1.67		
F9T3DR	1.58	1.09	0.51	0.25	2.04	0.94	0.68	0.70	1.19	0.24	3.07	1.66	0.79	1.15	0.39	
JDRQHP	1.37	-0.31	1.64	0.10	-0.25	0.00	0.67	0.41	2.39	0.13	0.00	1.98	0.77	0.68	1.99	
JT62BH	1.45	0.27	0.67	0.09	-0.39	0.00	0.64	0.00	0.48	0.10	-0.99	0.00	0.79	1.22	0.34	
NQYCNB	1.64	1.51	0.89				0.63	-0.18	1.04	0.13	0.00	0.52	0.73	-0.15	1.79	
QPG6ED	1.46	0.33	0.16	0.17	0.78	0.10	0.67	0.46	0.09	0.15	0.46	0.16	0.81	1.73	1.17	
R4VPDX	1.40	-0.09	0.00	0.09	-0.39	0.00	0.77	2.30	1.20	0.10	-0.99	0.00	0.74	0.00	0.40	
UCKX98	0.89	-3.49X	0.14	0.24	1.77	0.10	0.44	-3.60X	1.24	0.17	1.19	0.20	0.49	-5.63X	0.69	
XYKHK8	1.40	-0.07	0.76	0.12	0.00	0.47	0.62	-0.33	0.64	0.13	-0.23	0.60	0.70	-0.75	0.62	
Y73BCW	1.22	-1.31	0.55	0.12	-0.02	0.14	0.66	0.36	0.64	0.13	-0.13	0.26	0.73	-0.08	0.49	

SAR - sp (SubTestCode 109) in the Salinity Property Groups														Data units: value		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	1.41			0.12			0.64			0.13			0.74			
Median Abs Dev	0.06			0.03			0.02			0.02			0.03			
Avg Within Lab SD	0.07			0.06			0.02			0.03			0.03			
Labs Included	17			13			17			15			17			
Labs Reporting	18			14			18			16			18			



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Cl - sp (SubTestCode 110) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	1.27	1.45	3.36	0.93	-0.23	0.76	2.71	0.60	0.66	3.88	1.42	2.07	2.14	0.75	2.14	
37PSCP	1.13	0.88	0.48	1.17	1.00	1.06	2.34	-0.12	0.91	3.06	-0.16	1.16	1.85	-0.04	1.44	
4JKY3W	0.80	-0.45	0.19	0.99	0.10	0.26	2.40	0.00	0.48	3.08	-0.11	0.38	1.89	0.07	0.38	
6BAWGV	0.79	-0.49	0.12				2.27	-0.27	0.48	3.06	-0.16	0.24	1.84	-0.06	0.10	
6HBC4H	0.87	-0.16	0.61	0.80	-0.90	0.00	2.13	-0.53	0.62	2.67	-0.91	0.47	1.47	-1.09	0.95	
9XEPBP	0.97	0.24	1.21	1.03	0.31	2.56	2.30	-0.20	1.07	3.30	0.31	0.81	1.77	-0.27	1.90	
AZBTFG	0.85	-0.24	0.08	0.84	-0.71	0.14	2.56	0.31	1.66	2.73	-0.78	1.11	1.69	-0.49	0.19	
CBNPHQ	2.26	5.41X	0.52	2.27	6.75X	0.92	3.47	2.09	0.94	4.89	3.38X	3.70	3.07	3.27X	2.97	
DH3XBF	0.93	0.10	1.63	0.90	-0.40	1.39	2.22	-0.36	1.98	3.07	-0.13	0.60	1.75	-0.32	1.51	
ENN97V	0.69	-0.86	0.12	0.71	-1.35	1.18	1.70	-1.38	1.27	2.60	-1.05	1.11	1.48	-1.05	0.49	
EVMY7C	1.31	1.62		1.21	1.23		3.81	2.75		3.61	0.91		2.23	0.99		
EXRK3P	0.93	0.11	0.11	1.04	0.36	0.88	2.65	0.48	0.86	3.50	0.70	1.49	2.10	0.63	1.15	
F9T3DR	0.89	-0.06	0.13	0.91	-0.35	0.23	2.42	0.02	0.42	3.06	-0.16	0.24	1.66	-0.56	0.46	
JDQ3VJ	1.06	0.63	0.42	1.03	0.28	0.68	2.59	0.36	1.17	3.30	0.32	0.69	1.95	0.22	1.40	
JDRQHP	1.05	0.57	1.24	1.13	0.81	1.60	2.75	0.67	1.36	3.44	0.58	0.98	2.23	1.00	0.62	
JT62BH	0.92	0.06	0.32	1.15	0.94	0.92	2.79	0.75	0.27	3.83	1.34	1.18	2.41	1.47	0.53	
NQYCNB	1.15	0.97	1.06	0.97	0.00	0.92	2.40	-0.01	0.64	3.23	0.17	0.22	1.88	0.04	0.76	
QPG6ED	0.57	-1.37	0.26	0.78	-1.00	0.74	2.37	-0.07	1.69	2.82	-0.62	0.62	1.49	-1.03	0.55	
QQE7NB	0.37	-2.17	1.21	0.53	-2.29	0.97	1.20	-2.35	0.00	1.70	-2.78	0.00	1.00	-2.36		
R4VPDX	0.87	-0.15	0.28	1.03	0.31	0.97	2.17	-0.45	0.69	3.45	0.59	0.12	2.01	0.38	0.41	
XYKHK8	0.94	0.13	0.16	1.03	0.31	0.10	2.64	0.46	0.68	3.20	0.11	0.93	2.05	0.50	0.54	
Y73BCW	0.63	-1.12	0.45	0.82	-0.81	0.38	2.11	-0.57	0.68	2.82	-0.62	0.69	1.47	-1.09	0.48	
ZQ2WP9	0.65	-1.02	0.32	0.88	-0.47	0.48	2.78	0.73	0.83	3.62	0.92	2.15	2.03	0.44	0.59	



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Cl - sp (SubTestCode 110) in the Salinity Property Groups						Data units: mmolc/L
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	0.91	0.97	2.40	3.14	1.87	
Median Abs Dev	0.13	0.09	0.24	0.31	0.19	
Avg Within Lab SD	0.10	0.06	0.09	0.12	0.06	
Labs Included	22	21	23	22	22	
Labs Reporting	23	22	23	23	23	



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	1.65	1.11	0.33	1.44	0.31	0.49	2.06	0.15	0.72	1.74	0.55	0.06	14.58	0.73	0.64	
37PSCP	1.20	-0.49	0.10	1.47	0.46	0.13	2.02	0.01	0.09	1.52	-0.22	0.22	13.06	0.02	0.29	
4JKY3W	1.16	-0.65	0.26	1.25	-0.73	0.10	2.03	0.06	0.62	1.30	-0.95	0.07	14.60	0.74	0.21	
6BAWGV	0.98	-1.31	0.32							1.20	-1.29	0.03	12.58	-0.21	0.23	
6HBC4H	1.43	0.33	0.74	1.30	-0.44	0.00	1.80	-0.76	0.53	1.47	-0.39	0.34	10.80	-1.05	0.64	
AZBTFG	1.20	-0.49	0.26	1.05	-1.77	0.24	1.98	-0.12	0.56	1.16	-1.45	0.21	10.59	-1.15	0.30	
CBNPHQ	1.43	0.33	2.16	1.34	-0.22	2.04	2.07	0.19	3.93	1.90	1.08	4.02	10.22	-1.33	0.68	
ENN97V	1.59	0.90	3.06	1.07	-1.66	1.67	1.36	-2.32	0.37	0.97	-2.09	0.39	10.10	-1.38	0.23	
EVMY7C	1.79	1.61		1.54	0.85		3.52	5.30X		1.91	1.13		15.48	1.16		
EXRK3P	1.34	0.00	1.05	1.41	0.17	1.51	1.89	-0.44	0.29	1.58	0.00	0.42	13.03	0.00	1.51	
F9T3DR	1.11	-0.84	0.47	1.12	-1.42	0.26	1.87	-0.51	0.21	1.21	-1.27	0.11	11.77	-0.59	0.55	
JDQ3VJ	1.50	0.57	0.56	1.39	0.03	0.22	2.11	0.34	0.12	1.63	0.18	0.21	14.63	0.76	1.16	
JDRQHP	1.66	1.13	0.69	1.49	0.56	0.18	2.37	1.23	0.12	1.75	0.58	0.42	15.39	1.12	0.44	
JT62BH	1.45	0.40	0.10	1.54	0.85	0.63	2.00	-0.06	0.44	1.72	0.48	0.33	14.57	0.73	0.18	
NQYCNB	1.78	1.59	1.03	1.58	1.08	2.41	2.02	0.00	0.06	1.77	0.64	0.59	12.47	-0.26	1.43	
QPG6ED	1.27	-0.26	0.16	1.37	-0.08	0.57	2.20	0.65	0.41	1.66	0.27	0.41	14.87	0.87	1.58	
QQE7NB	1.17	-0.63	0.74	1.27	-0.62	0.51	1.90	-0.41	0.00	1.50	-0.27		12.57	-0.22	1.46	
R4VPDX	1.39	0.16	0.16	1.38	-0.03	0.18	2.65	2.25	0.53	1.64	0.21	0.06	13.43	0.19	0.33	
XYKHK8	1.34	0.00	1.05	1.41	0.17	1.51	1.89	-0.44	0.29	1.58	0.00	0.42	13.03	0.00	1.51	
Y73BCW	1.11	-0.82	0.47	1.24	-0.78	0.39	1.88	-0.49	0.20	1.45	-0.43	0.09	11.46	-0.74	0.26	
ZQ2WP9	1.20	-0.52	0.10	1.61	1.25	0.20	2.69	2.38	0.97	1.78	0.70	1.12	14.97	0.92	2.26	



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups						Data units: mmolc/L
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	1.34	1.38	2.02	1.58	13.0	
Median Abs Dev	0.16	0.11	0.13	0.16	1.6	
Avg Within Lab SD	0.16	0.11	0.19	0.17	0.5	
Labs Included	21	20	19	21	21	
Labs Reporting	21	20	20	21	21	



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	0.0	0.0	0.1	14.6	0.4	0.7	37.6	0.5	2.4	13.3	0.8	0.9	8.6	0.6	0.1	
37PSCP				10.9	-0.5	1.0	27.7	-0.9	0.6	9.6	-0.3	0.9	5.9	-0.5	1.2	
4JKY3W				13.3	0.1	0.3	37.2	0.5	0.8	10.9	0.1	0.7	7.3	0.1	0.1	
6BAWGV				10.9	-0.5	0.2	29.9	-0.6	0.4	8.3	-0.7	0.2	4.6	-1.0	0.1	
6HBC4H	0.0	0.2	0.2	15.5	0.6	2.0	34.0	0.0	1.1	12.0	0.4	1.0	7.7	0.3	0.9	
AZBTFG	0.0	0.1	0.2	13.4	0.1	1.0	31.5	-0.4	0.7	10.6	0.0	0.8	7.4	0.1	0.2	
CBNPHQ	0.2	2.2	0.2	2.9	-2.4	0.4	5.2	-4.3X	0.3	2.5	-2.3	0.6	1.5	-2.2	0.3	
DH3XBF	0.5	5.8X	0.2	16.0	0.7	1.0	33.9	0.0	0.4	14.4	1.1	0.5	8.8	0.7	0.8	
ENN97V	0.0	-0.2	0.1	3.9	-2.2	0.5	10.5	-3.5	0.8	3.5	-2.1	0.4	2.0	-2.0	0.1	
EVMY7C				17.2	1.0		42.3	1.2		13.3	0.8		9.4	0.9		
F9T3DR	0.0	-0.1	0.0	12.9	0.0	0.3	34.2	0.0	0.9	10.5	0.0	0.3	6.5	-0.2	0.2	
NQYCNB				11.6	-0.3	1.1	32.6	-0.2	0.2	9.4	-0.3	1.6	5.7	-0.5	1.4	
QPG6ED	0.3	3.1	3.0	13.1	0.0	1.5	37.5	0.5	0.9	11.1	0.1	2.5	7.1	0.0	3.0	
QQE7NB	0.0	0.0	0.0	11.3	-0.4	0.6	31.0	-0.4	0.6	10.0	-0.2	0.1	6.5	-0.2	0.3	
XYKHK8	0.0	-0.2	0.2	17.2	1.0	1.5	37.8	0.6	1.2	13.6	0.9	0.8	9.0	0.8	0.1	

NO3 - sp (SubTestCode 112) in the Salinity Property Groups														Data units: mmolc/L		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	0.030			13.1			34.0			10.6			7.06			
Median Abs Dev	0.013			2.1			3.4			1.4			1.36			
Avg Within Lab SD	0.065			0.6			1.4			0.5			0.43			
Labs Included	9			15			14			15			15			
Labs Reporting	10			15			15			15			15			



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B - sp (SubTestCode 113) in the Salinity Property Groups

Data units: mg/L

WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
ZJFLQX	0.100	-0.993	0.000	0.040	-0.853	0.000	0.067	-1.014	0.312	0.040	-1.947	0.000	0.013	-0.389	0.631
AZBTFG	0.178	1.002	0.730	0.089	1.252	0.822	0.158	1.328	0.607	0.134	1.714	0.640	0.048	1.721	0.442
CBNPHQ	0.137	-0.051	1.715	0.070	0.427	0.000	0.097	-0.242	0.312	0.090	0.000	0.356	0.037	1.045	1.671
DH3XBF	0.550	10.557X	3.321	0.401	14.532X	6.834	0.168	1.594	2.159	0.361	10.571X	1.759	0.398	23.246X	16.965
F9T3DR	0.120	-0.482	0.388	0.028	-1.353	1.075	0.097	-0.221	0.439	0.108	0.683	3.010	0.013	-0.393	0.438
JDRQHP	0.203	1.662	0.648	0.087	1.138	0.787	0.123	0.445	0.312	0.103	0.519	0.205	0.037	1.045	1.263
JT62BH	0.120	-0.480	0.000	0.030	-1.280	0.000	0.077	-0.757	0.312	0.063	-1.039	0.205	0.010	-0.594	0.000
QPG6ED	0.192	1.379	0.394	0.072	0.526	2.382	0.130	0.625	1.763	0.098	0.325	0.646			
QQE7NB	0.117	-0.565	1.715	0.050	-0.427	0.000	0.083	-0.585	0.312	0.063	-1.039	0.205	0.013	-0.389	0.631
R4VPDX	0.153	0.377	0.648	0.060	0.000	0.000	0.147	1.045	0.624	0.090	0.000	0.000	0.020	0.020	0.000
XYKHK8	0.139	0.000	0.874	0.058	-0.092	1.177	0.101	-0.118	0.123	0.086	-0.154	0.075	0.019	-0.020	0.197
ZQ2WP9	0.155	0.428	1.636	0.062	0.071	1.222	0.111	0.118	1.666	0.090	0.000	0.924	0.038	1.127	2.095

B - sp (SubTestCode 113) in the Salinity Property Groups

Data units: mg/L

	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905
Grand Median	0.14	0.060	0.11	0.09	0.020
Median Abs Dev	0.02	0.012	0.02	0.01	0.008
Avg Within Lab SD	0.01	0.007	0.02	0.03	0.009
Labs Included	11	11	12	11	10
Labs Reporting	12	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	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
29V4C6	0.63	0.16	0.33	0.64	0.22	0.27	8.09	14.71X	79.34	0.73	-0.28	0.33	0.55	-0.39	0.09
2XUQZC	0.69	0.70	0.22	0.84	1.25	0.37	1.76	0.84	0.22	0.88	0.60	0.24	1.00	1.92	0.89
49T7ZZ	0.66	0.40	0.35	0.53	-0.36	0.19	1.19	-0.42	0.02	0.75	-0.20	0.13	0.62	-0.06	0.16
69HX3W	364.67	444.85X	665.20	770.00	935.34X	371.39	1,888.67	133.18X	195.19	849.00	222.45X	317.57			
6HBC4H	0.55	-0.63	2.77	0.73	0.69	2.53	1.91	1.16	4.39	0.65	-0.81	3.76	0.56	-0.37	3.95
7QMJNR	0.61	0.00	0.98	0.83	1.17	0.56	1.90	1.15	0.18	0.85	0.46	0.43	0.91	1.47	0.26
7YCBUW	1.23	5.84X	1.17	0.85	1.29	1.34	1.46	0.18	0.46	0.96	1.12	0.89	0.67	0.21	0.44
86YJV3	0.57	-0.44	1.13	0.35	-1.28	0.15	1.08	-0.65	0.22	0.73	-0.27	0.43	0.55	-0.42	0.13
8UBURM	0.47	-1.39	2.25	0.30	-1.52	0.00	0.90	-1.05	0.00	0.60	-1.09	0.00	0.40	-1.18	0.00
AZBTFG	0.48	-1.28	0.49	0.84	1.23	0.48	2.13	1.65	0.43	0.90	0.75	0.05	0.87	1.23	0.43
C9XNC3	0.53	-0.79	0.00	0.67	0.37	0.00	1.40	0.04	0.00	0.76	-0.11	0.00	0.66	0.16	0.00
CAB3ZC	0.63	0.13	0.45	0.66	0.32	0.93	1.42	0.09	0.15	0.88	0.65	0.09	0.71	0.42	0.22
CBNPHQ	0.67	0.54	0.39	0.58	-0.07	0.94	1.36	-0.04	0.16	0.81	0.22	0.09	0.65	0.13	0.46
CQXFCJ	0.64	0.25	0.63	0.61	0.04	0.39	1.21	-0.38	0.97	0.75	-0.20	0.53	0.55	-0.39	1.16
D7RHCM	0.65	0.37	1.14	0.56	-0.17	2.67	1.16	-0.48	0.63	0.56	-1.36	0.64	0.40	-1.16	0.12
F8REPM	0.55	-0.58	1.36	0.36	-1.21	1.07	0.66	-1.59	0.37	1.06	1.76	0.09	0.47	-0.83	1.21
F9T3DR	0.38	-2.17	0.02	0.87	1.40	0.09	2.22	1.85	0.10	0.94	1.02	0.02	1.04	2.12	0.09
HE7ZP6	0.60	-0.09	0.23	0.72	0.61	0.56	1.38	0.00	0.31	0.80	0.12	0.31	0.66	0.18	0.34
JJEHQH	0.48	-1.26	1.10	0.53	-0.36	0.36	0.94	-0.97	0.27	0.52	-1.58	1.11	0.39	-1.22	0.74
KEGLCB	0.63	0.13	1.48	0.66	0.30	2.43	1.42	0.09	1.97	0.66	-0.73	3.12	0.74	0.56	2.48
NENXQH	0.70	0.85	1.13	0.59	-0.04	0.71	1.18	-0.43	0.12	0.71	-0.44	0.31	0.64	0.06	0.44
QQE7NB	0.52	-0.91	0.60	0.49	-0.57	0.15	1.13	-0.54	0.12	0.68	-0.58	0.09	0.51	-0.61	0.44
TXQ7WJ	0.51	-1.00	0.29	0.57	-0.15	0.58	1.41	0.07	0.28	0.66	-0.71	0.44	0.61	-0.09	0.57
UCKX98	0.60	-0.09	0.60	0.54	-0.29	0.80	1.18	-0.45	0.27	0.76	-0.13	0.23	0.61	-0.11	0.34
VFJN26	0.60	-0.11	0.53	0.67	0.39	0.13	1.84	1.00	0.52	0.97	1.18	0.43	0.85	1.14	0.36
XPTAR4	0.80	1.79	0.74	0.31	-1.47	0.11	0.91	-1.04	0.20	0.85	0.41	0.27	0.57	-0.29	0.19



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS1901				SRS1902			SRS1903			SRS1904			SRS1905			
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	
XYKHK8	0.75	1.26	0.90	0.78	0.95	0.82	2.02	1.41	1.05	0.94	0.98	0.23	0.95	1.64	0.34	
Y73BCW	0.64	0.21	0.57	0.39	-1.07	0.58	1.08	-0.66	0.15	0.80	0.11	0.20	0.57	-0.29	0.24	
YWCTV4	0.69	0.68	0.32	0.58	-0.10	0.05	1.38	0.00	0.08	0.94	1.02	0.15	0.67	0.20	0.21	
Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS1901		SRS1902			SRS1903			SRS1904			SRS1905					
Grand Median	0.61			0.60			1.38			0.78			0.63			
Median Abs Dev	0.06			0.09			0.25			0.10			0.08			
Avg Within Lab SD	0.03			0.04			0.13			0.07			0.05			
Labs Included	27			28			27			28			28			
Labs Reporting	29			29			29			29			28			



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
28JJ82	0.29	-0.11	0.18	0.48	0.18	0.17	1.25	0.24	0.67	0.50	-0.23	0.73	0.57	0.36	0.26	
2YPEEZ	0.46	1.38	0.26	0.30	-1.71	0.73	0.61	-2.18	0.11	0.53	0.08	0.27	0.37	-1.11	0.35	
37PXCP	0.27	-0.32	0.09	0.51	0.50	0.10	1.27	0.33	0.19	0.53	0.14	0.28	0.53	0.06	0.16	
4728L3	0.44	1.23	0.08	0.51	0.54	0.36	1.34	0.58	0.53	0.55	0.43	0.81	0.62	0.72	1.52	
4ED4Q9	0.35	0.42	0.22	0.44	-0.27	0.16	0.99	-0.75	0.29	0.50	-0.28		0.51	-0.06	0.93	
6HBC4H	0.21	-0.87	0.46	0.31	-1.64	3.50	0.93	-0.97	3.97	0.30	-2.95	3.75	0.38	-1.04	1.85	
838KG4	0.48	1.55	0.64	0.49	0.30	0.27	1.06	-0.48	0.44	0.58	0.80	0.46	0.58	0.44	0.00	
877VD4	0.68	3.38X	0.38	0.38	-0.90	0.32	0.90	-1.08	1.91	0.70	2.43	0.00	0.58	0.42	1.53	
A67KLT	0.39	0.76	0.36	0.59	1.32	0.26	1.36	0.69	0.29	0.58	0.73	0.16	0.68	1.16	0.34	
AZBTFG	0.29	-0.12	0.10	0.45	-0.10	0.36	1.19	0.03	0.11	0.49	-0.41	0.36	0.47	-0.38	0.70	
CARCQR	0.26	-0.39	0.22	0.46	-0.05	0.16	1.27	0.33	0.33	0.52	-0.06	0.27	0.56	0.32	0.70	
D7RHCM	0.43	1.15	0.44	0.37	-0.94	1.81	0.77	-1.58	1.04	0.37	-2.07	1.33	0.27	-1.91	0.20	
EVMY7C	0.30	-0.01	0.26	0.51	0.46	0.11	1.28	0.38	0.11	0.53	0.18	0.07	0.63	0.79	0.19	
F9T3DR	0.30	-0.06	0.07	0.49	0.34	0.07	1.22	0.13	0.06	0.53	0.09	0.23	0.60	0.63	0.23	
J3PF4M	0.51	1.88	4.96	0.51	0.51	2.85	1.27	0.34	0.48	0.26	-3.49X	0.27	0.64	0.92	0.93	
JT4EMD	0.30	0.00	0.56	0.57	1.18	0.84	1.18	-0.03	1.38	0.64	1.61	1.61	0.50	-0.13	1.75	
JW2RB3	0.32	0.18	0.15	0.53	0.70	0.17	1.32	0.51	0.35	0.54	0.31	0.36	0.60	0.60	1.10	
PH4UM8	0.28	-0.18	0.26	0.51	0.47	1.11	1.31	0.47	1.45	0.56	0.53	0.80	0.58	0.44	1.05	
PYTUMJ	0.20	-0.94	0.08	0.45	-0.08	0.02	1.21	0.11	0.29	0.48	-0.56	0.09	0.41	-0.82	0.78	
Q7LCTF	0.31	0.08	0.20	0.50	0.41	0.04	1.25	0.25	0.10	0.53	0.09	0.09	0.62	0.77	0.42	
QQE7NB	0.35	0.45	0.13	0.39	-0.76	0.73	0.96	-0.84	0.29	0.50	-0.24	0.27	0.41	-0.84	1.61	
QWEUW3	0.25	-0.50	0.22	0.47	0.05	0.08	1.24	0.21	0.34	0.51	-0.20	0.10	0.50	-0.17	0.32	
UJHPG2	0.29	-0.15	0.40	0.41	-0.59	0.50	0.96	-0.86	0.48	0.48	-0.55	0.93	0.42	-0.73	1.31	
VT7XMB	0.13	-1.57	0.01	0.45	-0.17	0.02	1.12	-0.24	0.00	0.45	-0.90	0.03	0.41	-0.86	0.04	
XYKHK8	0.47	1.52	0.13	0.47	0.09	0.00	1.07	-0.45	0.11	0.52	0.03	0.71	0.55	0.24	0.70	
Y73BCW	0.50	1.79	0.29	0.22	-2.58	0.22	0.66	-2.01	0.28	0.52	0.00	0.46	0.34	-1.33	0.90	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
YKZMHF	0.25	-0.48	0.59	0.33	-1.36	0.42	0.72	-1.76	0.29	0.42	-1.37	0.93	0.39	-1.01	1.40	
Z4P4H3	0.32	0.13	0.14	0.39	-0.72	0.48	0.91	-1.05	1.08	0.45	-0.94	1.54	0.44	-0.62	1.71	
Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	0.30			0.46			1.18			0.52			0.52			
Median Abs Dev	0.05			0.05			0.13			0.03			0.09			
Avg Within Lab SD	0.05			0.04			0.05			0.02			0.02			
Labs Included	27			28			28			27			28			
Labs Reporting	28			28			28			28			28			



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
28JJ82	8.41	1.95	0.12	7.52	-1.17	0.41	5.29	-0.48	0.60	6.04	-0.85	0.46	7.36	-1.19	0.20	
29V4C6	7.88	-1.18	0.20	7.37	-2.38	0.27	4.96	-2.72	0.24	5.90	-1.90	0.17	7.52	0.03	0.11	
2JFLQX	8.30	1.32	0.00	7.80	1.15	0.00	5.50	0.98		6.30	0.97	0.00	7.70	1.45	0.00	
2MVXPZ	7.92	-0.94	1.00	7.52	-1.15	1.33	5.20	-1.08	1.18	5.79	-2.66	1.51	7.42	-0.72	0.98	
2XUQZC	7.94	-0.81	0.15	7.61	-0.43	0.15	5.22	-0.94	0.24	6.01	-1.07	0.17	7.41	-0.78	0.11	
37PXCP	7.90	-1.08	0.23	7.51	-1.23	0.27	5.26	-0.69	0.14	6.05	-0.81	0.30	7.39	-0.93	0.30	
39VER9	8.10	0.11	0.30	7.91	2.08	0.15	5.62	1.79	0.36	6.29	0.90	0.80	7.79	2.17	0.11	
4728L3	7.88	-1.16	0.50	5.54	-17.41X	0.53	5.20	-1.10	0.83	7.29	8.00X	1.25	6.38	-8.79X	0.52	
49T7ZZ	8.12	0.27	0.16	7.66	0.00	0.07	5.46	0.71	0.08	6.24	0.54	0.08	7.59	0.61	0.11	
4JKY3W	7.90	-1.06	0.40	7.60	-0.49	0.27	5.30	-0.37	0.72	6.05	-0.81	0.30	7.43	-0.67	0.79	
6HBC4H	7.66	-2.48	2.26	7.32	-2.82	0.31	5.31	-0.30	2.04	5.93	-1.68	2.05	7.20	-2.41	1.18	
74PA6Q	7.77	-1.85	1.15	7.40	-2.13	0.00	5.20	-1.08	0.00	6.00	-1.16		7.40	-0.88	0.00	
7CJEYR	8.03	-0.27	1.15	7.63	-0.22	1.54	5.30	-0.39	0.00	6.13	-0.21	1.74	7.60	0.67	0.00	
7QMJNR	7.94	-0.82	0.20	7.56	-0.82	0.00	5.28	-0.53	0.85	6.07	-0.64	1.49	7.45	-0.49	0.52	
7TL2JY	7.95	-0.74	0.12	7.79	1.07	0.27	5.40	0.27	0.36	6.20	0.26	0.30	7.64	1.01	0.23	
7YCBUW	8.10	0.13	0.00	7.50	-1.31		5.35	-0.05	0.00	6.10	-0.45	0.00	7.40	-0.88	0.00	
838KG4	7.91	-1.00	0.20	7.76	0.82	0.53	5.51	1.03	2.07	6.28	0.81	0.46	7.49	-0.18	0.79	
86YJV3	8.10	0.13	1.73	7.72	0.47	0.77	5.43	0.53	1.37	6.20	0.26	0.00	7.58	0.54	0.57	
877VD4	8.08	0.03	0.58	7.68	0.19	0.77	5.47	0.76	0.68	6.20	0.26	0.00	7.46	-0.44	0.23	
8UBURM	8.23	0.92	1.15	7.80	1.15	0.00	5.50	0.98		6.20	0.26	0.00	7.70	1.45	0.00	
AJ7L2F	7.94	-0.82	1.00	7.60	-0.49	1.16	5.42	0.46	0.90	6.13	-0.24	1.31	7.57	0.41	0.23	
AZBTFG	8.39	1.85	2.74	7.63	-0.27	0.15	5.30	-0.37	1.37	6.04	-0.85	0.17	7.50	-0.08	0.74	
BW9AVU	7.94	-0.84	0.30	7.59	-0.60	0.86	5.25	-0.76	0.36	6.05	-0.81	0.52	7.49	-0.21	0.11	
C6LDLU	8.21	0.78	0.20	7.73	0.58	1.41	5.39	0.21	0.96	6.21	0.33	1.09	7.65	1.03	0.49	
C9XNC3	8.23	0.90	0.00	7.57	-0.74	0.00	5.33	-0.18	0.00	6.23	0.47	0.00	7.36	-1.19	0.00	
CAB3ZC	8.10	0.11	0.30	7.58	-0.65	0.71	5.20	-1.10	0.60	6.08	-0.59	0.60	7.50	-0.08	0.74	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
CARCQR	8.16	0.47	0.75	7.62	-0.35	0.94	5.25	-0.71	0.14	6.02	-1.00	1.55	7.45	-0.49	0.20	
CBNPHQ	8.10	0.13	0.60	7.68	0.14	1.08	5.30	-0.41	0.60	6.05	-0.78	0.46	7.50	-0.08	1.78	
CQXFCJ	8.16	0.50	0.81	7.67	0.09	2.18	5.40	0.27	1.07	6.19	0.19	1.09	7.51	-0.03	1.29	
D7RHCM	8.06	-0.11	1.44	7.71	0.39	1.47	5.31	-0.34	0.27	6.07	-0.69	0.35	7.54	0.21	0.52	
E82WBG	8.14	0.37	0.23	7.76	0.80	0.31	5.48	0.82	0.87	6.31	1.02	0.50	7.68	1.27	0.47	
F8REPM	8.03	-0.27	0.50	7.63	-0.27	1.77	6.24	6.09X	0.98	5.49	-4.77X	1.71	7.47	-0.31	0.91	
F9T3DR	8.02	-0.35	1.38	7.60	-0.46	0.31	5.17	-1.30	0.27	6.01	-1.12	0.46	7.46	-0.39	0.11	
GQ2UM8	7.83	-1.49	0.90	7.63	-0.22	0.55	5.52	1.10	0.96	6.16	0.00	0.46	7.52	0.08	0.30	
GTRT8X	8.17	0.56	0.30	7.68	0.19	0.15	5.42	0.46	0.36	6.19	0.17	0.35	7.48	-0.28	0.23	
HE7ZP6	8.00	-0.47		7.70	0.33	0.00	5.40	0.30	0.00	6.20	0.26	0.00	7.60	0.67	0.00	
JJEHQH	8.07	-0.03	1.17	7.76	0.82	2.82	5.45	0.62	3.32	6.23	0.45	0.17	7.58	0.52	2.78	
KEGLCB	8.20	0.72	0.00	7.70	0.33	0.00	5.40	0.30	0.00	6.27	0.74	1.74	7.53	0.16	2.27	
KJ9TUK	8.13	0.33	1.15	7.63	-0.22	1.54	5.30	-0.39	0.00	6.13	-0.21	1.74	7.57	0.41	1.13	
M7ZRCY	8.07	-0.07	1.33	7.72	0.52	0.41	5.35	-0.07	1.12	6.10	-0.45	0.00	7.45	-0.49	3.79	
MZ9G22	8.04	-0.23	0.35	7.66	0.00	0.27	5.45	0.62	0.14	6.22	0.38	0.46	7.54	0.21	0.20	
NBNLUH	8.09	0.05	0.70	7.67	0.09	0.80	5.38	0.18	0.60	6.09	-0.55	3.09	7.48	-0.23	1.08	
NENXQH	8.06	-0.13	0.23	7.79	1.04	1.08	5.42	0.46	0.72	6.31	1.02	1.25	7.66	1.11	0.49	
NQYCNB	8.04	-0.21	0.46	7.64	-0.16	0.96	5.29	-0.46	0.63	6.04	-0.88	0.30	7.46	-0.41	0.20	
PH4UM8	8.12	0.25	3.82	7.69	0.28	1.11	5.52	1.10	1.57	6.29	0.90	0.80	7.54	0.21	1.42	
PYTUMJ	8.05	-0.15	0.30	7.68	0.17	0.27	5.37	0.07	0.36	6.26	0.71	0.46	7.63	0.91	0.20	
QQE7NB	8.13	0.29	0.58	7.58	-0.65	0.00	5.27	-0.57	0.76	6.07	-0.66	0.52	7.47	-0.31	0.11	
QWEUW3	8.21	0.80	0.64	7.68	0.17	0.27	5.26	-0.66	0.24	6.08	-0.59	0.00	7.55	0.28	0.00	
RXQTRC	8.10	0.13		7.80	1.15		5.40	0.30		6.20	0.26		7.70	1.45		
TXQ7WJ	7.88	-1.18	0.72	7.55	-0.87	2.33	5.51	1.08	3.01	6.18	0.14	3.57	7.39	-0.96	1.89	
UBNKNZ	8.45	2.23	0.30	7.69	0.25	0.53	5.26	-0.69	0.14	6.10	-0.45	0.30	7.63	0.88	0.41	
UCKX98	7.90	-1.04	0.70	7.62	-0.33	1.60	5.74	2.65	1.21	6.39	1.61	1.51	7.51	-0.05	1.01	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VENBA7	8.10	0.13	0.00	7.70	0.33	0.00	5.43	0.53	1.37	6.20	0.26	0.00	7.67	1.19	1.13	
VT7XMB	8.11	0.17	0.12	7.64	-0.19	1.08	5.25	-0.73	0.95	6.09	-0.52	0.60	7.53	0.16	0.82	
X78BW7	8.00	-0.47	1.99	7.53	-1.04	1.54	5.27	-0.62	1.37	6.20	0.26	0.00	7.40	-0.88	0.00	
XGX8QR	8.11	0.21	1.41	7.73	0.55	0.77	5.42	0.46	0.72	6.28	0.83	0.30	7.61	0.72	1.25	
XPTAR4	7.43	-3.87X	8.57	6.78	-7.20X	4.08	4.41	-6.50X	1.88	4.91	-8.90X	2.53	6.43	-8.38X	2.37	
XYKHK8	7.83	-1.45	0.50	7.45	-1.72	0.27	5.21	-1.03	0.27	5.98	-1.30	0.30	7.36	-1.19	0.39	
Y73BCW	8.08	0.03	0.30	7.67	0.11	0.55	5.36	0.05	0.36	6.15	-0.07	0.63	7.63	0.88	0.82	
YKZMHF	7.83	-1.49	0.30	7.45	-1.72	1.41	5.35	-0.07	1.17	6.17	0.07	0.63	7.39	-0.96	0.39	
YWCTV4	8.15	0.45	0.30	7.66	0.00	1.60	5.40	0.27	0.14	6.18	0.12	0.00	7.60	0.65	0.11	
ZL949Y	7.22	-5.08X	5.60	7.67	0.09	1.62	5.50	0.96	0.72	6.35	1.33	0.80	7.64	0.96	2.34	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups						Data units: Unit	
	SRS1901		SRS1902		SRS1903	SRS1904	SRS1905
Grand Median	8.08		7.66		5.36	6.16	7.51
Median Abs Dev	0.08		0.06		0.08	0.08	0.08
Avg Within Lab SD	0.05		0.04		0.04	0.03	0.05
Labs Included	60		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	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
28JJ82	8.20	-0.41	0.29	7.75	-0.22	0.09	5.37	-0.77	0.12	6.16	-0.65	0.17	7.55	-0.34	0.32	
2YPEEZ	8.33	0.17	0.22	7.78	-0.02	0.18	5.56	0.92	0.43	6.21	-0.13	0.55	7.45	-1.08	2.24	
37PXCP	8.31	0.09	0.38	7.70	-0.55	0.18	5.37	-0.77	0.12	6.19	-0.28	0.10	7.53	-0.47	0.18	
4JKY3W	8.24	-0.23	0.14	7.79	0.04	0.09	5.55	0.89	0.12	6.24	0.27	0.10	7.52	-0.59	0.48	
6BAWGV	8.29	-0.02	0.47	7.83	0.31	0.09	5.52	0.62	0.72	6.27	0.57	0.00	7.61	0.15	0.48	
6HBC4H	8.31	0.11	0.80	7.88	0.64	3.06	5.47	0.18	3.12	6.13	-1.01	1.26	7.47	-0.93	1.80	
AZBTFG	8.39	0.45	0.14	7.87	0.62	0.18	5.42	-0.27	0.24	6.26	0.46	0.90	7.69	0.76	0.96	
CARCQR	7.89	-1.81	0.25	7.58	-1.35	0.24	5.23	-1.96	1.05	5.94	-3.07	0.59	7.42	-1.31	1.80	
EJTHGB	8.03	-1.16	2.01	7.45	-2.20	2.69	5.32	-1.19	1.55	5.95	-2.92	4.05	7.42	-1.36	1.20	
EVMY7C	8.32	0.15	0.65	7.78	0.02	0.40	5.48	0.27	0.12	6.27	0.53	0.55	7.61	0.15	0.96	
F9T3DR	8.36	0.32	0.25	7.84	0.42	0.09	5.35	-0.92	0.36	6.17	-0.57	0.26	7.64	0.35	0.55	
GTRT8X	8.29	0.02	0.22	7.80	0.16	0.09	5.54	0.80	0.31	6.31	0.97	0.20	7.60	0.02	0.36	
J3PF4M	8.14	-0.68	0.25	7.71	-0.49	0.18	5.35	-0.89	0.12	6.16	-0.61	0.20	7.62	0.20	0.00	
JW2RB3	7.99	-1.36	0.58	7.53	-1.66	0.57	5.44	-0.09	1.91	6.22	0.01	0.51	7.50	-0.75	0.36	
Q7LCTF	7.81	-2.19	0.13	7.57	-1.40	0.24	5.54	0.75	0.25	6.22	0.00	0.19	7.59	-0.02	0.91	
QQE7NB	8.26	-0.14	0.72	7.75	-0.20		5.40	-0.45	0.31	6.22	0.01	0.17	7.56	-0.24	0.18	
R7ZBAA	8.29	-0.02	1.12	7.82	0.29	0.40	5.50	0.45	0.31	6.24	0.20	0.65	7.70	0.79	0.48	
UJHPG2	8.53	1.10	3.64	7.90	0.80	1.58	6.07	5.46X	3.14	6.90	7.50X	4.52	7.80	1.58	0.00	
VFJN26	8.41	0.54	0.77	7.92	0.95	0.09	5.45	0.00	1.03	6.30	0.86	0.10	7.73	1.07	1.82	
XYKHK8	7.76	-2.42	0.30	7.59	-1.26	0.00	5.36	-0.86	0.24	6.16	-0.61	0.39	7.49	-0.77	0.48	
Y73BCW	8.31	0.08	0.22	7.82	0.24	0.40	5.47	0.12	0.52	6.24	0.23	0.30	7.73	1.07	1.20	
Z4P4H3	8.60	1.40	0.00	7.63	-0.98	0.91	5.57	1.01	1.19	6.20	-0.21	0.00	7.70	0.82	0.00	



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups						Data units: Unit
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	8.29	7.78	5.45	6.22	7.59	
Median Abs Dev	0.08	0.08	0.09	0.05	0.10	
Avg Within Lab SD	0.07	0.06	0.05	0.06	0.03	
Labs Included	22	22	21	21	22	
Labs Reporting	22	22	22	22	22	



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pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
39VER9	7.61	-0.61	0.15	7.33	-0.23	0.41	5.28	0.84	0.31	5.89	-0.07	0.52	7.18	-0.87	0.28	
4ED4Q9	7.47	-2.13	3.48	7.36	0.09	1.49	5.27	0.69	0.18	5.93	0.28	0.52	7.32	0.52	1.86	
74PA6Q	7.70	0.36	0.00	7.30	-0.68	0.00	5.37	1.79	1.80	6.00	1.03		7.23	-0.35	1.42	
7CJEYR	7.67	0.00	0.89	7.30	-0.68	0.00	5.20	-0.04	0.00	5.90	0.00	0.00	7.30	0.35	0.00	
7TL2JY	7.62	-0.50	0.15	7.43	1.14	0.41	5.30	1.02	0.18	5.91	0.10	0.34	7.35	0.87	0.25	
AJ7L2F	7.63	-0.36	0.50	7.36	0.18	1.28	5.28	0.80	0.18	5.94	0.41	1.23	7.31	0.48	0.71	
AZBTFG	7.75	0.86	0.50	7.40	0.68	0.27	5.20	-0.04	1.65	5.90	0.03	0.20	7.30	0.35	0.43	
C6LDLU	7.73	0.65	0.76	7.41	0.87	1.49	5.20	0.00	1.18	5.93	0.31	2.24	7.38	1.14	1.03	
CBNPHQ	7.73	0.68	0.31	7.32	-0.46	1.65	5.15	-0.62	0.48	5.82	-0.86	0.71	7.24	-0.31	0.86	
F9T3DR	7.64	-0.29	0.00	7.29	-0.87	0.16	5.10	-1.09	0.36	5.78	-1.21	0.20	7.21	-0.62	0.28	
GTRT8X	7.72	0.61	0.24	7.22	-1.73	0.16	5.10	-1.09	0.48	5.73	-1.79	0.39	7.21	-0.62	0.28	
JT4EMD	7.67	0.07	0.79	7.30	-0.68	1.89	5.20	0.00	1.57	5.88	-0.21	1.56	7.18	-0.87	1.50	
KJ9TUK	7.67	0.00	0.89	7.37	0.23	1.56	5.17	-0.40	1.80	5.90	0.00	0.00	7.27	0.00	1.42	
NBNLUH	7.55	-1.30	1.20	7.24	-1.55	0.95	5.16	-0.51	1.09	5.83	-0.69	1.29	7.15	-1.18	1.21	
PYTUMJ	7.49	-1.91	0.77	7.35	0.00	0.71	5.21	0.04	0.95	5.89	-0.14	0.52	7.37	1.04	1.26	
UCKX98	7.59	-0.86	0.39	7.37	0.23	0.68	5.61	4.48X	1.26	6.13	2.34	1.42	7.20	-0.69	0.49	
XYKHK8	7.36	-3.35X	0.09	7.22	-1.82	0.16	5.03	-1.90	0.31	5.69	-2.14	0.71	7.09	-1.84	0.00	
Y73BCW	7.72	0.61	0.32	7.40	0.64	0.82	5.26	0.66	0.65	5.94	0.41	0.90	7.32	0.55	0.65	
YKZMHF	7.70	0.32	0.36	7.35	0.05	1.09	5.26	0.62	1.25	5.98	0.79	1.54	7.28	0.17	1.64	

pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	7.67			7.35			5.20			5.90			7.27			
Median Abs Dev	0.06			0.05			0.06			0.04			0.06			
Avg Within Lab SD	0.06			0.04			0.03			0.03			0.04			
Labs Included	18			19			18			19			19			
Labs Reporting	19			19			19			19			19			



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pH (1:2) 0.01M CaCl ₂ (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
37PXCP	7.65	-0.45	0.35	7.27	-0.82	0.40	5.20	0.00	0.71	5.81	-0.79	0.17	7.13	-0.43	0.13	
4JKY3W	7.67	-0.19	0.18	7.29	-0.50	0.23	5.39	2.06	0.23	5.94	0.79	0.10	7.18	-0.09	0.34	
6HBC4H	7.34	-3.45X	0.35	6.96	-6.75X	3.01	4.89	-3.56X	0.12	5.53	-4.30X	0.17	6.87	-2.17	0.13	
AZBTFG	7.77	0.71	0.47	7.34	0.57	0.23	5.23	0.34	0.81	5.95	0.92	1.35	7.25	0.41	0.77	
EPWF9N	7.81	1.10	1.24	7.33	0.38	2.45	5.20	0.00	0.81	5.89	0.17	1.73	7.04	-1.00	3.07	
EVMY7C	7.69	0.00	0.35	7.31	0.00	0.84	5.24	0.41	0.92	5.87	0.00	0.35	7.19	0.02	0.46	
F9T3DR	7.65	-0.42	0.61	7.30	-0.25	0.00	5.13	-0.79	0.42	5.81	-0.79	0.17	7.25	0.43	0.34	
J3PF4M	7.62	-0.71	0.00	7.37	1.01	0.23	5.17	-0.34	0.12	5.86	-0.13	0.10	7.33	0.96	0.00	
JDQ3VJ	7.61	-0.77	0.47	7.31	0.00	0.23	5.19	-0.19	0.61	5.82	-0.71	0.10	7.19	-0.02	0.13	
KEGLCB	7.70	0.06	3.07	7.27	-0.88	2.32	5.43	2.59	3.07	6.03	2.00	2.54	6.97	-1.53	1.28	
NQYCNB	7.77	0.74	0.53	7.36	0.88	0.70	5.20	-0.04	0.40	5.83	-0.58	0.25	7.23	0.27	1.35	
QWEUW3	7.72	0.23	0.18	7.36	0.82	0.23	5.20	-0.04	0.00	5.89	0.17	0.10	7.28	0.64	0.13	
VENBA7	7.80	1.03	0.00	7.40	1.64	0.00	5.30	1.09	0.00	6.00	1.59		7.40	1.44	0.00	
XYKHK8	7.45	-2.35	0.81	7.26	-1.01	0.00	5.12	-0.90	0.31	5.86	-0.13	0.67	7.19	-0.02	0.26	

pH (1:2) 0.01M CaCl ₂ (SubTestCode 119) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Grand Median	7.69			7.31			5.20			5.87			7.19		
Median Abs Dev	0.07			0.04			0.03			0.06			0.06			
Avg Within Lab SD	0.03			0.02			0.05			0.06			0.05			
Labs Included	13			13			13			13			14			
Labs Reporting	14			14			14			14			14			



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Soil EC (1:5) H ₂ O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS1901				SRS1902			SRS1903			SRS1904			SRS1905			
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	
EJTHGB	0.17		1.35	0.26		1.18	0.55		1.24	0.24		0.66	0.30		1.09	
JW2RB3	0.17		0.41	0.26		0.78	0.56		0.68	0.25		1.25	0.31		0.90	
Soil EC (1:5) H ₂ O (SubTestCode 120) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS1901				SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	0.17			0.26			0.56			0.25			0.30			
Median Abs Dev																
Avg Within Lab SD	0.01			0.01			0.01			0.02			0.02			
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	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KEGLCB	7.33	-1.50	1.88	7.23	-1.78	1.65	6.47	-0.85	1.47	6.87	-0.43	1.43	7.23	-1.60	2.09	
NBNLUH	7.48	0.73	0.68	7.46	0.97	0.57	6.62	0.00	0.53	6.90	0.00	1.24	7.36	0.00	0.75	
PYTUMJ	7.49	0.93	0.97	7.43	0.56	1.58	6.67	0.27	1.40	7.10	2.64	0.75	7.49	1.52	0.83	
QWEUW3	7.43	0.00	0.00	7.38	0.00	0.29	6.39	-1.25	0.29	6.86	-0.48	0.14	7.35	-0.21	0.21	
R7ZBAA	7.42	-0.16	0.97	7.36	-0.28	0.33	6.74	0.62	0.82	6.95	0.61	1.65	7.37	0.08	0.72	
XYKHK8	7.39	-0.57	0.68	7.34	-0.52	0.44	6.40	-1.23	0.53	6.87	-0.39	0.25	7.31	-0.66	0.00	
YKZMHF	7.48	0.83	0.82	7.43	0.61	1.03	6.72	0.51	1.25	6.91	0.17	0.29	7.42	0.66	0.91	

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	7.43			7.38			6.62			6.90			7.36			
Median Abs Dev	0.05			0.05			0.11			0.03			0.05			
Avg Within Lab SD	0.03			0.03			0.04			0.04			0.03			
Labs Included	7			7			7			7			7			
Labs Reporting	7			7			7			7			7			



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	7.50	1.13		7.57	0.45	2.16	6.80	0.64	0.00	7.03	0.64	1.05	7.50	0.63		
39VER9	7.50	1.13		7.52	0.00	0.43	6.73	0.28	0.30	7.01	0.50	0.18	7.50	0.66	0.26	
4728L3	7.43	0.00	0.16	6.88	-5.81X	0.78	6.57	-0.63	1.43	7.36	2.48	0.10	6.98	-4.99X	0.95	
74PA6Q	7.47	0.61	1.63	7.23	-2.57	2.16	6.40	-1.56	0.00	6.63	-1.65	1.05	7.30	-1.52	0.00	
7YCBUW	7.31	-1.79	0.28	7.37	-1.36	0.78	6.40	-1.54	0.89	6.75	-0.98	0.36	7.29	-1.68	0.68	
86YJV3	7.42	-0.15	0.81	7.42	-0.91	1.08	6.57	-0.64	1.14	6.82	-0.60	0.52	7.43	-0.09	1.31	
8UBURM	7.40	-0.41	0.00	7.40	-1.06	0.00	6.70	0.09	0.00	6.90	-0.12	0.00	7.40	-0.45	0.00	
CAB3ZC	7.34	-1.28	0.86	7.43	-0.79	0.37	6.33	-1.95	0.00	6.80	-0.69	0.18	7.38	-0.66	0.45	
CBNPHQ	7.37	-0.92	1.14	7.53	0.09	0.57	6.60	-0.44	0.11	6.90	-0.12	0.48	7.43	-0.09	1.39	
CQXFCJ	7.43	0.00	0.71	7.46	-0.54	1.41	6.70	0.09	0.20	6.93	0.05	0.83	7.40	-0.45	0.45	
D7RHCM	7.44	0.15	0.71	7.52	0.03	0.99	6.64	-0.26	0.82	6.96	0.22	0.48	7.46	0.20	1.20	
DH3XBF	7.47	0.74	0.06	7.55	0.33	0.21	6.43	-1.43	0.68	6.88	-0.24	0.40	7.47	0.28	0.16	
E82WBG	7.40	-0.38	0.02	7.49	-0.22	0.04	6.69	0.05	0.06	6.95	0.17	0.13	7.44	0.00	0.17	
F8REPM	7.62	3.02X	0.16	7.78	2.36	0.86	7.37	3.81X	0.23	7.23	1.76	0.18	7.77	3.56	0.52	
GQ2UM8	7.41	-0.20	0.99	7.54	0.18	1.41	6.68	-0.04	0.82	6.91	-0.05	0.76	7.46	0.16	2.96	
GTRT8X	7.43	0.10	0.43	7.52	0.03	0.37	6.62	-0.33	0.11	6.91	-0.09	0.28	7.48	0.45	0.52	
JJEHQH	7.38	-0.72	3.20	7.42	-0.85	0.57	6.87	1.03	3.61	6.66	-1.49	4.09	7.41	-0.34	1.20	
QQE7NB	7.46	0.46	0.16	7.53	0.09	0.22	6.84	0.86	0.00	7.07	0.87	0.28	7.47	0.34	1.46	
TXQ7WJ	7.28	-2.20	0.91	7.42	-0.88	1.63	6.68	0.00	1.00	6.90	-0.10	0.55	7.39	-0.52	0.69	
Y73BCW	7.40	-0.41	0.28	7.45	-0.57	0.22	6.79	0.61	0.64	6.98	0.35	0.21	7.41	-0.34	0.45	
YKZMHF	7.47	0.72	0.43	7.57	0.45	0.57	6.92	1.32	0.57	7.13	1.21	0.38	7.53	0.98	0.52	
YWCTV4	7.47	0.66	0.00	7.56	0.39	0.00	6.75	0.37	0.34	7.00	0.45	0.18	7.51	0.77	0.26	



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups						Data units: Unit
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	7.43	7.52	6.68	6.92	7.44	
Median Abs Dev	0.04	0.05	0.11	0.08	0.04	
Avg Within Lab SD	0.04	0.03	0.05	0.06	0.02	
Labs Included	21	21	21	22	21	
Labs Reporting	22	22	22	22	22	



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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
SRS1901				SRS1902			SRS1903			SRS1904			SRS1905		
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
7QMJNR	7.61		0.16	7.84	0.00	0.56	7.25	-1.26	0.38	7.50		0.46	7.78		0.92
838KG4	7.63		1.99	7.86	0.20	1.57	7.50	0.44	1.23	7.61		1.51	7.84		1.11
PYTUMJ	7.65		0.00	7.86	0.20	0.56	7.43	0.00	0.97	7.55		0.61	7.86		1.32
VT7XMB	7.56		0.16	7.81	-0.27	0.49	7.40	-0.23	0.77	7.46		1.06	7.79		0.44
XGX8QR				7.57	-2.70	1.29	7.64	1.45	1.35						

Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit	
SRS1901				SRS1902			SRS1903			SRS1904			SRS1905		
Grand Median	7.62			7.84			7.43			7.53			7.82		
Median Abs Dev				0.02			0.06								
Avg Within Lab SD	0.04			0.02			0.03			0.03			0.02		
Labs Included	4			5			5			4			4		
Labs Reporting	4			5			5			4			4		



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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
39VER9	7.13	-0.84	0.98	7.14	0.16	0.66	6.56	0.10	0.30	6.80	0.06	0.39	7.15	1.07	0.40	
CBNPHQ	7.23	-0.01	0.64	7.09	-0.37	1.19	6.54	-0.07	0.66	6.73	-1.02	0.15	7.00	-0.70	1.40	
GTRT8X	7.21	-0.19	0.64	7.16	0.37	0.66	6.58	0.33	0.15	6.75	-0.74	0.25	7.06	-0.02	1.07	
NBNLUH	7.18	-0.47	0.37	7.05	-0.85	0.66	6.55	0.07	0.15	6.79	-0.06	2.20	6.97	-1.07	0.70	
NENXQH	7.39	1.36	1.11	7.31	1.86	0.33	6.90	3.07	0.93	6.92	2.10	0.15	7.24	2.23	1.07	
PYTUMJ	7.23	0.01	0.74	7.11	-0.16	1.44	6.46	-0.73	0.79	6.82	0.40	1.14	7.07	0.18	0.81	
UCKX98	7.31	0.64	1.62	7.22	0.92	1.44	6.48	-0.56	2.11	6.76	-0.57	1.01	7.05	-0.10	1.40	
Y73BCW	7.45	1.87	1.29	7.06	-0.71	0.99	6.49	-0.47	1.21	6.82	0.45	0.76	7.06	0.02	0.70	

Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups										Data units: Unit	
	SRS1901		SRS1902		SRS1903		SRS1904		SRS1905		
Grand Median	7.23		7.13		6.55		6.79		7.06		
Median Abs Dev	0.07		0.05		0.05		0.03		0.04		
Avg Within Lab SD	0.02		0.02		0.04		0.04		0.01		
Labs Included	8		8		8		8		8		
Labs Reporting	8		8		8		8		8		



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905		
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			
JT4EMD	6.70		1.00	6.73		1.00	6.09		0.91	6.19		0.64	6.63		1.00			
PH4UM8							6.16		1.08	6.35		1.26						
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit				
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905		
Grand Median	6.70			6.73			6.13			6.27			6.63					
Median Abs Dev																		
Avg Within Lab SD	0.01			0.03			0.06			0.02			0.03					
Labs Included	1			1			2			2			1					
Labs Reporting	1			1			2			2			1					



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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	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	6.3	-0.9	0.8	71.0	-0.9	0.2	189.5	-1.0	0.2	67.0	-1.0	0.7	38.5	-1.0	0.5
2XUQZC	13.7	5.3X	1.4	95.9	1.4	1.6	248.1	0.0	0.4	92.5	2.1	1.3	53.8	1.4	0.6
2YPEEZ	6.4	-0.9	1.2	74.4	-0.6	1.1	263.5	0.3	0.4	75.6	0.1	0.3	49.8	0.8	2.2
4728L3	10.0	2.2		77.0	-0.3	2.2	267.0	0.3	1.3	65.7	-1.2	2.2	49.0	0.6	
49T7ZZ	6.2	-1.0	0.3	85.5	0.4	0.4	257.8	0.2	0.2	66.3	-1.1	0.8	42.5	-0.4	0.4
4ED4Q9	7.7	0.2	0.4	87.1	0.6	0.6	265.8	0.3	0.4	81.3	0.8	2.0	47.5	0.4	1.3
74PA6Q	7.6	0.1	0.5	88.1	0.7	2.5	249.0	0.0	0.8	73.9	-0.1	1.5	45.5	0.1	0.1
7QMJNR	7.1	-0.2	0.2	87.9	0.7	0.1	282.1	0.6	0.2	80.4	0.7	0.2	48.4	0.5	0.2
7YCBUW	10.0	2.2	1.3	95.0	1.3	0.3	225.0	-0.4	0.1	83.7	1.1	0.6	45.0	0.0	0.6
838KG4	8.4	0.8	1.5	78.9	-0.2	2.8	161.7	-1.4	0.7	75.1	0.0	1.6	44.3	-0.1	2.0
86YJV3	8.5	0.9		80.7	0.0	0.4	215.0	-0.5	0.3	81.0	0.7	0.4	46.3	0.2	0.9
877VD4	9.3	1.6	0.8	61.7	-1.8	0.5	175.0	-1.2	0.3	58.0	-2.1	0.4	39.3	-0.9	1.3
C9XNC3	6.6	-0.7	0.0	81.9	0.1	0.0	230.5	-0.3		74.6	-0.1	0.0	44.4	-0.1	0.0
CBNPHQ	8.0	0.5	1.4	69.1	-1.1	1.3	194.4	-0.9	0.9	66.9	-1.0	1.0	36.0	-1.4	0.7
CQXFCE	8.1	0.6	1.8	80.3	0.0	2.7	61.9	-3.1X	0.4	82.7	0.9	1.9	38.8	-1.0	1.6
E82WBG	7.3	-0.1	0.4	78.2	-0.2	0.2	208.4	-0.6	0.0	76.6	0.2	0.4	41.2	-0.6	0.3
EJTHGB	7.6	0.2	2.5	83.9	0.3	0.8	321.6	1.3	5.5	79.1	0.5	0.3	48.5	0.6	0.7
ENN97V	8.0	0.5	0.3	96.6	1.5	0.8	302.7	0.9	0.6	98.7	2.9X	0.5	56.3	1.8	0.5
EPWF9N	6.9	-0.4	0.5	87.0	0.6	0.7	271.4	0.4	0.2	75.3	0.0	0.2	46.5	0.2	0.8
EVMY7C	7.0	-0.4	2.0	80.2	0.0	0.5	252.3	0.1	0.3	73.9	-0.1	1.3	43.0	-0.3	0.8
F8REPM	8.4	0.8	0.2	111.3	2.9X	0.5	88.1	-2.7X	0.0	155.5	9.9X	0.0	62.4	2.7X	0.1
GTRT8X	6.8	-0.5	0.1	72.7	-0.7	0.0	187.7	-1.0	0.1	72.5	-0.3	0.2	36.0	-1.4	0.1
HE7ZP6	7.5	0.1	0.3	83.2	0.2	0.6	272.2	0.4	0.1	76.4	0.2	0.0	45.7	0.1	0.2
JJEHQH	9.1	1.4	0.5	69.6	-1.0	0.6	127.9	-2.0	0.2	70.2	-0.6	1.4	40.0	-0.8	0.4
JT62BH	7.0	-0.3	0.3	77.9	-0.3	0.3	262.0	0.3	0.3	80.3	0.6	1.3	42.5	-0.4	0.9
KEGLCB	7.5	0.1	0.3	83.5	0.3	0.7	288.3	0.7	0.9	74.6	-0.1	1.5	45.2	0.0	0.1



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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	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
M7ZRCY	6.9	-0.4	0.5	83.8	0.3	0.5	270.1	0.4	0.2	78.9	0.5	0.1	46.9	0.3	0.0	
NENXQH	8.6	1.0	0.2	84.9	0.4	0.5	206.6	-0.7	0.5	80.9	0.7	0.9	39.9	-0.8	0.8	
PYTUMJ	6.5	-0.8	0.1	80.3	0.0	0.2	246.6	0.0	0.5	64.8	-1.3	0.2	41.3	-0.6	1.0	
Q7LCTF	7.5	0.1	0.6	88.5	0.7	0.2	226.3	-0.3	1.1	66.4	-1.1	0.7	47.0	0.3	0.5	
QQE7NB	4.7	-2.3	1.5	68.7	-1.1	0.4	168.3	-1.3	0.2	71.3	-0.5	0.6	35.0	-1.6		
QWEUW3	7.0	-0.4	0.5	83.0	0.2	0.6	263.6	0.3	0.2	76.3	0.1	0.6	45.3	0.1	0.6	
R4VPDX	7.0	-0.3		87.7	0.6	0.2	308.3	1.0	0.4	81.0	0.7		46.3	0.2	0.4	
R7ZBAA	7.3	-0.1	1.2	74.4	-0.6	1.4	172.0	-1.3	0.2	74.6	-0.1	1.3	44.4	-0.1	1.9	
TXQ7WJ	7.3	-0.1	0.2	71.3	-0.9	0.7	170.3	-1.3	0.1	66.3	-1.1	0.1	34.7	-1.6	0.6	
UCKX98	9.0	1.4	1.5	100.5	1.8	0.9	267.4	0.4	0.5	85.1	1.2	1.3	49.0	0.6	2.0	
UJHPG2	8.5	0.9	2.1	78.7	-0.2	0.2	276.7	0.5	0.9	74.7	0.0	1.5	47.0	0.3	1.6	
VFJN26	7.4	0.0	1.5	80.7	0.0	0.3	270.6	0.4	0.2	75.6	0.1	0.2	45.1	0.0	0.5	
VT7XMB	5.4	-1.7	0.2	60.6	-1.9	0.3	164.2	-1.4	0.1	61.4	-1.7	0.4	33.2	-1.9	0.8	
XPTAR4	4.4	-2.5X	0.9	52.9	-2.6X	1.2	72.2	-2.9X	0.2	46.8	-3.5X	1.9	34.1	-1.7	1.4	
Y73BCW	8.1	0.6	0.2	91.5	1.0	0.2	197.6	-0.8	0.2	81.4	0.8	0.7	45.6	0.1	0.6	
YKZMHF	7.3	0.0	0.3	84.3	0.3	0.5	237.6	-0.2	0.3	78.1	0.4	0.7	47.7	0.4	0.3	
YWCTV4	6.9	-0.4	0.3	72.5	-0.8	0.4	191.9	-0.9	0.0	70.1	-0.6	0.4	37.0	-1.3	0.6	
ZQ2WP9	7.3	-0.1	1.4	58.1	-2.1	1.1	174.7	-1.2	0.5	64.6	-1.3	1.2	32.9	-1.9	1.9	

NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	7.39			80.7			246.6			75.1			45.0			
Median Abs Dev	0.59			6.3			31.6			5.3			3.4			
Avg Within Lab SD	0.38			3.2			17.1			2.5			1.6			
Labs Included	42			42			41			41			43			
Labs Reporting	44			44			44			44			44			



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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
8UBURM	12.3	0.2	0.4	81.0	-0.2		221.0	-0.5	0.2	92.0	0.9		51.0	0.7	0.4	
CAB3ZC	22.4	2.2	1.0	130.9	2.8	0.6	296.2	1.3	0.1	88.0	0.6	0.4	44.8	-0.3	0.3	
JDRQHP	6.3	-1.0	0.2	82.2	-0.2	0.1	208.6	-0.9	1.4	68.0	-1.1	0.2	42.7	-0.7	0.3	
NBNLUH	40.3	5.7X	0.6	201.7	7.2X	0.2	489.7	6.1X	0.9	124.1	3.6X	1.5	130.9	14.4X	2.3	
PH4UM8	9.2	-0.4	1.0	98.3	0.8	1.4	279.3	0.9	1.1	76.1	-0.4	0.4	54.0	1.2	0.8	
QPXCLF	10.7	-0.1	0.3	84.6	0.0	0.4	251.3	0.2	1.1	73.9	-0.6	0.1	48.5	0.3	1.0	
Z4P4H3	12.0	0.1	1.9	84.7	0.0	1.6	234.7	-0.2	1.3	86.0	0.4	2.2	42.3	-0.7	2.0	

NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	11.3			84.6			243.0			81.1			46.7			
Median Abs Dev	1.5			3.1			28.2			7.0			4.2			
Avg Within Lab SD	1.4			5.4			4.6			4.1			2.3			
Labs Included	6			6			6			6			6			
Labs Reporting	7			7			7			7			7			



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg				
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905		
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
D7RHCM	6.7		1.1	58.0		1.3	106.9		1.2	58.2		1.4	37.6		0.8			
DH3XBF	7.2		0.4	89.0		1.1	300.7		1.2	88.4		1.1	49.3		1.3			
QPG6ED	6.9		1.3	95.0		0.4	274.1		0.1	90.5		0.2	50.3		0.9			
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg				
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905		
Grand Median	6.86			89.0			274.1			88.4			49.3					
Median Abs Dev																		
Avg Within Lab SD	0.25			1.5			6.5			1.8			0.3					
Labs Included	3			3			3			3			3					
Labs Reporting	3			3			3			3			3					



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NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg				
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905		
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
ENN97V	0.5		1.0	48.3		1.0	180.0		1.0	53.4		1.0	23.9		1.0			

NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg			
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905	
Grand Median	0.47			48.3			180.0			53.4			23.9				
Median Abs Dev																	
Avg Within Lab SD	0.09			7.1			16.1			7.1			1.7				
Labs Included	1			1			1			1			1				
Labs Reporting	1			1			1			1			1				



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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	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	6.76	-0.50	0.65	5.47	-0.86	0.99	51.86	0.42	0.37	16.40	-0.12	0.55	29.49	0.25	0.49	
2XUQZC	16.68	3.41X	3.56	13.89	5.01X	8.18	71.46	2.16X	2.96	29.12	3.43X	7.71	42.70	2.82X	2.47	
2YPEEZ	5.87	-0.85	0.60	6.77	0.05	0.85	52.76	0.50	0.54	17.57	0.20	1.32	29.67	0.29	0.21	
49T7ZZ	7.23	-0.31	0.61	7.02	0.22	0.30	46.78	-0.03	1.13	15.72	-0.31	0.75	21.98	-1.21	0.70	
4ED4Q9	5.73	-0.90	0.33	7.04	0.23	0.81	47.44	0.03	0.95	14.99	-0.52	0.51	28.03	-0.03	0.66	
74PA6Q	7.27	-0.30	0.24	6.33	-0.26	1.58	33.83	-1.18	1.15	13.30	-0.99	0.72	20.37	-1.52	0.29	
7QMJNR	8.63	0.24	0.29	6.47	-0.16	0.14	41.10	-0.53	0.67	19.43	0.72	0.68	29.43	0.24	0.37	
877VD4	10.33	0.91	0.66	6.00	-0.49		38.33	-0.78	1.13	16.33	-0.14	1.04	23.00	-1.01	1.15	
C9XNC3	7.49	-0.21	0.00	5.86	-0.59	0.00	44.57	-0.23	0.00	15.96	-0.25	0.00	27.22	-0.19	0.00	
CBNPHQ	8.90	0.34	2.34	6.83	0.09	1.93	34.83	-1.09	2.71	16.23	-0.17	1.77	22.75	-1.06	3.62	
D7RHCM	6.81	-0.48	0.51	5.55	-0.80	1.03	33.47	-1.21	0.97	14.65	-0.61	0.67	23.37	-0.94	0.80	
E82WBG	10.66	1.04	0.12	6.97	0.19	0.05	42.13	-0.44	0.15	19.30	0.69	0.17	29.84	0.32	0.08	
ENN97V	15.00	2.75	1.14	8.00	0.91		56.33	0.82	1.71	20.00	0.88		32.00	0.74		
EPWF9N	12.12	1.62	0.12	8.90	1.53	0.25	57.63	0.93	1.11	21.27	1.24	0.71	34.24	1.17	0.94	
EVMY7C	16.53	3.35	1.40	9.47	1.93	1.12	50.10	0.27	1.00	21.73	1.37	0.28	31.10	0.56	1.32	
GTRT8X	7.92	-0.04	0.03	5.73	-0.68	0.10	36.84	-0.91	0.27	16.22	-0.17	0.15	24.10	-0.80	0.57	
HE7ZP6	7.83	-0.08	0.17	7.07	0.26	0.60	51.77	0.41	0.63	17.10	0.07	0.18	28.37	0.03	0.24	
KEGLCB	11.00	1.17	3.89	6.63	-0.05	3.05	45.47	-0.15	1.73	16.27	-0.16	1.47	26.40	-0.35	1.20	
M7ZRCY	7.74	-0.11	0.41	6.86	0.11	0.25	51.97	0.43	0.18	18.04	0.33	0.39	31.31	0.60	0.11	
NENXQH	8.13	0.04	0.13	6.03	-0.46	0.27	33.33	-1.22	0.66	17.17	0.09	1.06	24.57	-0.71	0.67	
Q7LCTF	21.28	5.23X	2.00	23.01	11.37X	6.87	53.52	0.57	0.40	11.66	-1.44	0.24	27.48	-0.14	0.19	
QQE7NB	7.67	-0.14	0.66	5.00	-1.19		20.00	-2.40	0.74	11.33	-1.54	1.04	25.00	-0.62		
QWEUW3	8.32	0.11	0.23	6.97	0.19	0.11	53.49	0.57	0.09	18.38	0.43	0.04	31.75	0.69	0.19	
UCKX98	6.05	-0.78	0.56	4.17	-1.76	0.43	13.73	-2.96X	0.19	7.59	-2.58X	0.70	8.55	-3.82X	1.39	
UJHPG2	11.10	1.21	0.63	8.34	1.15	1.70	55.63	0.76	0.48	20.47	1.01	0.55	33.00	0.93	0.72	
VFJN26	9.89	0.74	0.49	8.33	1.13	0.30	54.05	0.62	1.80	17.33	0.14	0.87	30.33	0.41	0.42	



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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	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VT7XMB	8.60	0.23	0.28	5.82	-0.61	0.06	36.44	-0.95	0.12	16.58	-0.07	0.39	25.25	-0.57	0.05	
XPTAR4	7.28	-0.29	1.37	5.14	-1.09	1.32	39.67	-0.66	1.23	12.14	-1.31	3.35	20.67	-1.46	1.94	
XYKHK8	8.49	0.18	0.40	5.77	-0.65	0.30	49.18	0.18	0.32	26.46	2.68	0.53	30.26	0.40	0.04	
Y73BCW	10.17	0.84	0.46	9.89	2.22	0.99	48.85	0.15	1.04	22.42	1.56	1.51	34.35	1.20	1.36	
YKZMHF	7.33	-0.27	0.07	7.00	0.21	0.41	59.67	1.11	0.15	20.07	0.90	0.45	34.87	1.30	0.46	
YWCTV4	7.55	-0.19	0.15	6.44	-0.18	0.02	39.35	-0.69	0.15	16.44	-0.11	0.32	25.64	-0.50	0.22	

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	8.03			6.70			47.1			16.8			28.2			
Median Abs Dev	0.83			0.77			6.7			1.7			3.2			
Avg Within Lab SD	0.88			0.42			1.3			0.6			0.9			
Labs Included	30			30			30			30			30			
Labs Reporting	32			32			32			32			32			



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups

Data units: mg/kg

WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
39VER9	43.3	0.0	0.1	39.6	-0.7	0.1	61.5	4.4X	0.1	21.6	-4.9X	0.1	51.2	8.5X	0.2
74PA6Q	43.3	0.0	0.3	47.8	0.4	0.3	36.3	0.1	0.3	51.5	0.3	0.4	17.5	0.2	0.3
7CJEYR	44.3	0.2	0.6	41.0	-0.5	0.7	27.3	-1.5	0.7	48.3	-0.2	0.8	9.5	-1.7	0.5
7QMJNR	43.0	0.0	0.0	49.1	0.5	0.2	40.9	0.9	0.1	55.2	1.0	0.1	16.8	0.1	0.1
7TL2JY	44.9	0.3	0.0	43.9	-0.1	0.0	37.1	0.2	0.0	46.6	-0.5	0.0	18.7	0.5	0.0
7YCBUW	46.4	0.6	0.5	34.0	-1.4	0.7	33.5	-0.4	0.6	49.6	0.0	0.4	12.6	-1.0	0.2
86YJV3	44.3	0.2	0.3	37.7	-0.9	0.8	34.7	-0.2	0.3	49.3	-0.1	0.4	12.7	-0.9	0.6
8UBURM	33.0	-1.7	0.5	35.7	-1.2	0.4	36.0	0.0		42.7	-1.2	0.4	17.7	0.3	0.6
AJ7L2F	52.5	1.6	1.3	33.1	-1.5	1.6	24.3	-2.0	1.0	38.1	-2.0	1.2	8.8	-1.9	0.1
C6LDLU	51.9	1.5	1.2	56.8	1.5	0.8	46.6	1.8	1.0	58.0	1.5	0.0	20.3	0.9	0.6
CAB3ZC	40.9	-0.4	1.7	44.5	-0.1	0.7	38.5	0.4	1.2	52.1	0.4	0.1	15.0	-0.4	0.5
CBNPHQ	45.2	0.4	2.2	48.4	0.4	1.5	31.1	-0.8	3.1	51.3	0.3	1.0	15.6	-0.2	2.5
CQXFCJ	37.0	-1.0	0.5	40.7	-0.6	1.7	39.0	0.5	0.6	48.3	-0.2	1.1	18.0	0.4	1.0
D7RHCM	42.2	-0.2	1.2	52.7	1.0	1.1	31.6	-0.8	0.5	56.3	1.2	2.3	14.8	-0.4	0.2
E82WBG	43.1	0.0	0.1	48.5	0.4	0.3	35.3	-0.1	0.0	54.8	0.9	0.1	14.7	-0.4	0.2
GTRT8X	37.2	-1.0	0.4	46.4	0.2	0.2	37.8	0.3	0.2	49.3	-0.1	0.2	19.3	0.7	0.1
JJEHQH	42.3	-0.1	0.5	46.8	0.2	0.7	40.8	0.9	0.3	49.6	0.0	0.2	19.7	0.8	0.2
KJ9TUK	47.5	0.8	0.1	37.2	-1.0	0.1	25.6	-1.8	0.4	47.7	-0.3	0.9	9.8	-1.6	0.7
MZ9G22	43.7	0.1	1.2	48.7	0.5	0.8	39.3	0.6	0.3	50.0	0.1	1.2	20.0	0.9	1.0
NBNLUH	59.9	2.9X	0.7	46.7	0.2	0.9	38.2	0.4	0.9	47.3	-0.4	1.6	13.7	-0.7	0.7
NENXQH	42.3	-0.1	0.6	46.3	0.2	0.4	42.3	1.1	0.3	54.0	0.8	0.7	20.0	0.9	1.0
QQE7NB	38.0	-0.9	0.5	45.0	0.0	0.7	35.0	-0.2	0.6	48.3	-0.2	0.8	16.0	-0.1	1.0
R7ZBAA	36.0	-1.2	2.4	36.3	-1.1	2.7	37.0	0.2	2.6	46.3	-0.6	1.7	17.0	0.1	2.0
TXQ7WJ	47.9	0.8	0.4	49.0	0.5	0.7	41.1	0.9	1.2	59.3	1.7	0.8	19.1	0.6	1.2
UCKX98	41.8	-0.2	1.0	33.9	-1.4	1.3	30.8	-0.9	0.9	42.4	-1.2	1.9	17.4	0.2	1.4
VENBA7	35.2	-1.3	0.2	41.7	-0.4	0.5	35.9	0.0	0.2	56.0	1.1	0.1	15.0	-0.4	0.3



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VT7XMB	49.5	1.1	0.1	51.2	0.8	0.3	35.3	-0.1	0.1	57.0	1.3	0.0	16.2	-0.1	0.3	
XYKHK8	56.5	2.3	2.5	47.8	0.4	2.2	32.3	-0.6	1.7	50.8	0.2	2.4	10.2	-1.5	2.9	
Y73BCW	40.1	-0.5	0.1	27.5	-2.2	0.7	28.2	-1.3	0.3	41.7	-1.4	0.4	9.4	-1.7	0.5	
YKZMHF	39.7	-0.6	0.3	42.0	-0.4	1.2	35.0	-0.2	0.6	46.0	-0.6	0.7	17.7	0.3	0.6	
YWCTV4	38.0	-0.9	0.1	46.7	0.2	0.1	41.4	0.9	0.1	52.8	0.5	0.0	17.9	0.3	0.1	

PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	43.1			45.0			36.0			49.6			16.5			
Median Abs Dev	3.2			4.0			3.2			3.1			2.0			
Avg Within Lab SD	1.9			1.5			1.7			1.5			1.0			
Labs Included	30			31			30			30			30			
Labs Reporting	31			31			31			31			31			



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PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905		
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
29V4C6	27.2		0.0	25.0		0.0	19.3		0.0	33.8		0.0	7.8		0.0			
KEGLCB	34.3		1.4	34.7		1.4	33.2		1.4	44.9		1.4	15.0		1.4			
PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905		
Grand Median	30.7			29.8			26.3			39.3			11.4					
Median Abs Dev																		
Avg Within Lab SD	2.8			3.3			2.3			2.6			0.7					
Labs Included	2			2			2			2			2					
Labs Reporting	2			2			2			2			2					



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	27.4	0.3	0.0	14.8	0.6	0.1	19.8	0.0	0.1	25.8	0.3	0.4	13.2	0.7	0.1	
2MVXPZ	29.6	0.8	0.3	17.8	1.4	0.9	19.8	0.0	0.8	28.6	0.9	2.2	15.4	1.5	1.1	
2XUQZC	26.8	0.1	0.0	15.5	0.8	0.1	23.2	0.7	0.6	26.9	0.5	0.3	13.2	0.7	0.4	
4728L3	30.3	0.9	0.6	22.0	2.6	1.0	26.0	1.3	0.8	33.3	1.8	0.5	19.7	2.9	1.3	
49T7ZZ	23.6	-0.6	0.6	9.6	-0.8	0.4	14.2	-1.1	0.0	21.6	-0.5	0.3	9.0	-0.7	0.2	
74PA6Q	17.6	-1.9	0.2	12.0	-0.1	0.6	13.2	-1.3	0.8	19.9	-0.9	0.5	8.9	-0.7	0.8	
7QMJNR	26.0	0.0	0.6	14.1	0.4	0.6	19.3	-0.1	0.5	24.2	0.0	1.0	11.1	0.0	0.5	
7YCBUW	21.0	-1.2		11.0	-0.4		16.2	-0.7	0.6	23.1	-0.2	0.0	9.9	-0.4	0.1	
86YJV3	26.3	0.0	0.3	13.3	0.2	0.6	14.7	-1.0	0.5	24.3	0.0	0.5	10.7	-0.1	0.6	
8UBURM	19.0	-1.6		11.7	-0.2	0.6	20.0	0.0		27.0	0.6		9.0	-0.7		
CAB3ZC	25.1	-0.2	0.9	12.5	0.0	0.3	15.3	-0.9	0.5	20.6	-0.7	0.5	10.3	-0.2	0.3	
CBNPHQ	22.8	-0.8	4.0	10.5	-0.5	3.2	14.1	-1.1	2.8	19.8	-0.9	3.4	8.0	-1.0	2.5	
CQXFCJ	25.7	-0.1	0.8	16.7	1.1	1.5	21.7	0.4	1.7	21.3	-0.6	0.5	9.3	-0.6	0.6	
D7RHCM	39.3	2.9	1.4	19.9	2.0	0.3	31.3	2.3	0.3	37.5	2.6	1.2	16.4	1.8	1.1	
DH3XBF	26.9	0.1	0.4	10.1	-0.7	0.4	13.0	-1.4	0.3	20.2	-0.8	0.9	9.5	-0.5	0.3	
ENN97V	30.7	1.0	0.6	26.0	3.7X	2.6	42.3	4.5X	1.0	45.7	4.3X	0.5	23.3	4.1X	0.6	
EVMY7C	28.0	0.4	0.5	14.4	0.5	1.1	21.1	0.3	0.5	27.0	0.6	1.1	12.0	0.3	1.1	
F8REPM	8.9	-3.9X	0.1	6.0	-1.8	0.1	49.4	6.0X	51.9	11.0	-2.6	0.3	5.4	-1.9	0.3	
HE7ZP6	30.3	0.9	0.3	16.7	1.1	0.6	23.0	0.6		28.3	0.8	0.5	15.0	1.3		
JDRQHP	27.7	0.3	0.5	14.0	0.4	0.6	22.0	0.5	0.6	25.5	0.3	0.6	11.9	0.3	0.5	
JJEHQH	23.8	-0.5	0.4	8.9	-1.0	0.7	14.7	-1.0	0.3	22.0	-0.4	0.3	7.7	-1.1	0.3	
JT62BH	23.6	-0.6	0.4	12.7	0.1	0.1	17.6	-0.4	0.2	20.6	-0.7	0.5	9.3	-0.6	0.2	
KEGLCB	28.0	0.4	2.7	17.7	1.4	3.0	23.7	0.8	1.0	25.0	0.2	0.9	11.3	0.1	2.7	
NENXQH	28.7	0.6	0.6	11.7	-0.2	0.6	14.7	-1.0	0.5	23.0	-0.2	0.9	9.3	-0.6	0.6	
Q7LCTF	31.2	1.1	0.2	14.7	0.6	0.6	21.6	0.4	0.2	25.9	0.3	0.4	12.0	0.3	0.1	
QPG6ED	25.1	-0.2	0.3	10.9	-0.4	0.3	23.4	0.7	0.0	27.8	0.7	0.2	11.4	0.1	0.2	



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QPXCFL	22.5	-0.8	0.3	14.9	0.7	0.8	20.5	0.1	0.3	23.7	-0.1	0.4	14.1	1.0	0.7	
QQE7NB	29.7	0.8	0.3	14.3	0.5	0.6	20.0	0.0		26.7	0.5	0.5	12.0	0.3		
R4VPDX	30.0	0.9		12.0	-0.1		19.0	-0.2		24.0	0.0		11.0	0.0		
R7ZBAA	19.6	-1.5	0.6	12.1	-0.1	0.4	23.2	0.7	1.7	26.2	0.4	1.2	9.1	-0.6	0.7	
TXQ7WJ	25.5	-0.2	0.6	11.0	-0.4	0.9	17.6	-0.4	0.3	23.8	-0.1	0.4	9.8	-0.4	0.4	
UJHPG2	25.3	-0.2	0.3	12.3	0.0	0.6	23.0	0.6	0.8	25.3	0.2	0.5	11.0	0.0	1.1	
VFJN26	24.8	-0.3	0.1	11.6	-0.2	0.3	19.7	0.0	0.2	22.5	-0.3	0.6	10.8	-0.1	0.1	
XPTAR4	9.2	-3.8X	0.5	7.6	-1.3	0.3	11.4	-1.7	3.1	9.0	-3.0	0.6	6.6	-1.5	0.9	
Y73BCW	31.8	1.3	0.4	15.5	0.8	0.9	20.5	0.1	1.0	29.3	1.0	1.7	12.8	0.6	0.7	
YKZMHF	25.7	-0.1	0.3	14.3	0.5	0.6	23.7	0.8	0.5	26.3	0.4	0.5	12.3	0.4	0.6	
YWCTV4	23.9	-0.5	0.2	10.8	-0.5	0.4	15.7	-0.8	0.2	23.5	-0.1	0.3	11.1	0.0	0.1	
ZQ2WP9	26.7	0.1	1.3	11.7	-0.2	1.8	17.0	-0.6	1.0	21.7	-0.5	1.7	8.3	-0.9	2.6	

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	26.2			12.5			19.8			24.2			11.0			
Median Abs Dev	2.4			1.9			3.3			2.5			1.7			
Avg Within Lab SD	1.9			1.0			1.2			1.1			0.9			
Labs Included	36			37			36			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		
SRS1901				SRS1902			SRS1903			SRS1904			SRS1905			
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	
7QMJNR	69.7		0.4	20.0		0.6	1.2		0.3	7.8		0.1	3.4		0.1	
KEGLCB	70.7		1.3	20.3		1.3	3.3		1.4	8.3		1.4	4.5		1.4	
PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS1901				SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	70.2			20.2			2.25			8.05			3.93			
Median Abs Dev																
Avg Within Lab SD	3.4			0.4			0.42			0.41			0.50			
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		
SRS1901				SRS1902			SRS1903			SRS1904			SRS1905			
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	
EVMY7C	44.8		1.2	31.5		0.3	24.3		0.3	36.6		0.5	10.6		0.7	
UJHPG2	52.7		0.7	37.7		1.4	27.7		1.4	38.7		1.3	11.7		1.3	
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
SRS1901				SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	48.8			34.6			26.0			37.6			11.2			
Median Abs Dev																
Avg Within Lab SD	1.7			1.1			2.7			1.6			0.5			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7QMJNR	383.4	0.6	0.4	122.8	0.4	0.0	67.2	0.6	0.3	117.3	1.7	0.1	35.4	0.8	0.3	
CBNPHQ	367.9	0.0	2.5	130.1	0.8	1.8	65.2	0.1	2.2	95.4	-0.7	2.6	29.7	-0.9	2.0	
CQXFCJ	362.0	-0.3	0.5	105.7	-0.6	1.2	64.7	0.0	0.9	101.7	0.0	0.4	35.3	0.8	1.3	
NENXQH	369.0	0.0	0.1	95.3	-1.3	0.5	71.7	1.5	0.7	103.7	0.2	0.1	37.3	1.4	0.9	
Y73BCW	391.1	0.9	0.4	124.3	0.5	1.0	57.3	-1.6	0.5	109.2	0.8	0.1	30.9	-0.5	0.4	
YKZMHF	304.7	-2.6	0.6	96.0	-1.2		61.0	-0.8	0.4	92.7	-1.0	0.1	32.7	0.0	0.2	
YWCTV4	376.9	0.3	0.1	116.6	0.0	0.3	64.3	-0.1	0.6	98.8	-0.3	0.1	32.1	-0.2	0.3	

PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	369.0			116.6			64.7			101.7			32.7			
Median Abs Dev	7.9			10.9			2.5			6.2			2.7			
Avg Within Lab SD	18.2			4.6			2.3			17.0			2.3			
Labs Included	7			7			7			7			7			
Labs Reporting	7			7			7			7			7			



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PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905		
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
DH3XBF	1.19		0.02													0.31		
QWEUW3	21.23		1.41	3.76		1.00	0.88		1.00	6.66		1.00	2.07		1.00			
PO4-P Water Soluble (SubTestCode 139) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905		
Grand Median	11.2			3.76			0.88			6.66			1.19					
Median Abs Dev																		
Avg Within Lab SD	0.7			0.02			0.01			0.06			0.00					
Labs Included	2			1			1			1			2					
Labs Reporting	2			1			1			1			2					



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	9.83	-0.54	0.32	6.50	-0.52		25.17	0.67	0.21	11.33	-0.24	0.43	33.00	-0.87	0.03	
49T7ZZ	8.07	-0.98	0.16	7.45	-0.29	0.50	25.97	0.80	0.46	9.14	-1.04	0.25	63.80	0.01	0.10	
7YCBUW	8.33	-0.91	0.03	9.41	0.17	0.16	23.50	0.41	0.36	10.12	-0.68	0.18	63.00	-0.01	0.06	
838KG4	17.27	1.31	0.74	15.00	1.52	1.45	29.47	1.34	1.11	15.36	1.22	0.54	94.55	0.89	0.17	
86YJV3	12.67	0.17	0.64	14.33	1.36	0.91	18.33	-0.39	0.41	12.33	0.12	0.87	61.67	-0.05	0.04	
8UBURM	5.00	-1.74		6.00	-0.64		18.67	-0.34	0.41	7.67	-1.58	0.87	22.67	-1.16	0.04	
CBNPHQ	17.00	1.24	1.11	15.00	1.52	1.57	22.00	0.18	2.86	15.00	1.09	1.51	49.00	-0.41	0.35	
CQXFCJ	16.00	1.00	1.11	8.00	-0.16		16.00	-0.75		11.33	-0.24	0.87	77.33	0.40	0.32	
D7RHCM	14.93	0.73	2.39	12.60	0.94	2.16	40.60	3.07	2.04	18.67	2.43	2.55	100.03	1.04	0.53	
EVMY7C	12.30	0.07	1.45	8.20	-0.12	0.88	20.63	-0.03	0.27	12.10	0.04	0.75	86.83	0.67	0.35	
GTRT8X	11.75	-0.06	0.35	11.68	0.72	0.26	19.90	-0.15	0.21	12.07	0.03	0.38	43.09	-0.58	0.03	
HE7ZP6	17.00	1.24		17.33	2.08	0.91	14.33	-1.01	0.41	12.00	0.00		67.67	0.12	0.13	
JJEHQH	13.03	0.26	1.11	7.55	-0.27	0.75	16.35	-0.70	0.45	11.94	-0.02	1.15	82.57	0.55	0.28	
NENXQH	11.00	-0.25	1.11	8.67	0.00	0.91	27.00	0.96	0.71	13.67	0.61	1.74	33.00	-0.87	0.11	
TXQ7WJ	10.11	-0.47	0.77	10.50	0.44	0.74	20.84	0.00	1.05	9.55	-0.89	0.31	47.38	-0.46	0.03	
UCKX98	8.02	-0.99	0.84	8.68	0.00	1.08	11.16	-1.51	1.04	8.52	-1.27	0.66	10.55	-1.50	0.07	
UJHPG2	12.00	0.00	1.11	8.30	-0.09	0.57	22.00	0.18	0.71	12.67	0.24	0.87	91.00	0.79	0.51	
XPTAR4	102.75	22.58X	41.12	46.09	8.99X	90.28	129.95	16.98X	70.81	58.67	17.01X	63.10	126.32	1.79	4.35	
XYKHK8	8.73	-0.81	0.55	7.32	-0.33	0.36	19.06	-0.28	0.10	9.82	-0.80	0.21	95.31	0.91	0.23	
YWCTV4	12.16	0.04	0.47	15.48	1.63	0.67	21.06	0.03	0.04	12.73	0.27	0.11	48.25	-0.43	0.05	

SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	12.0			8.68			20.8			12.0			63.4			
Median Abs Dev	2.9			1.82			2.7			1.7			21.9			
Avg Within Lab SD	0.9			0.64			1.4			0.7			15.9			
Labs Included	19			19			19			19			20			
Labs Reporting	20			20			20			20			20			



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

Data units: mg/kg

WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
29V4C6	324.7	1.5	0.2	247.4	1.2	0.3	131.9	2.0	0.2	256.4	1.5	0.3	82.1	1.1	0.1
2XUQZC	288.7	0.3	0.8	223.2	0.3	0.3	108.7	0.8	0.3	233.9	0.4	0.2	76.6	0.5	0.3
39VER9	262.3	-0.6	0.1	195.7	-0.7	0.4	76.0	-0.9	0.3	215.9	-0.5	0.0	61.3	-1.1	0.2
49T7ZZ	275.1	-0.2	0.1	217.2	0.1	0.1	117.0	1.3	0.6	225.6	0.0	0.2	76.9	0.6	0.6
74PA6Q	350.7	2.3	3.4	278.5	2.4	5.5	94.2	0.1	1.5	256.8	1.5	2.0	63.6	-0.9	0.1
7CJEYR	240.5	-1.3	0.1	202.4	-0.5	0.4	88.8	-0.2	0.8	200.7	-1.2	0.2	71.6	0.0	0.9
7TL2JY	296.1	0.5	0.0	208.4	-0.3	0.0	94.2	0.1	0.0	233.9	0.4	0.0	68.5	-0.3	0.0
7YCBUW	270.0	-0.3	0.4	226.0	0.4	0.2	96.0	0.2	0.3	254.7	1.4	3.8	73.0	0.1	0.9
86YJV3	361.0	2.7	0.3	286.7	2.7	1.1	106.3	0.7	1.0	246.7	1.0	0.3	74.3	0.3	0.3
8UBURM	295.7	0.5	0.1	199.0	-0.6	0.1	86.0	-0.4	0.3	228.7	0.1	0.1	66.0	-0.6	0.3
AJ7L2F	252.6	-0.9	0.7	210.9	-0.2	0.4	90.7	-0.1	0.8	216.0	-0.4	0.5	78.1	0.7	0.6
C6LDLU	280.4	0.0	0.5	194.4	-0.8	1.0	87.9	-0.3	0.3	224.4	-0.1	0.9	66.1	-0.6	0.8
CAB3ZC	243.3	-1.2	0.5	182.2	-1.3	0.1	90.4	-0.1	0.5	189.1	-1.7	0.3	61.9	-1.1	0.1
CBNPHQ	271.7	-0.3	4.7	185.0	-1.1	0.7	86.0	-0.4	1.9	192.0	-1.6	2.0	69.0	-0.3	1.8
CQXFCE	275.5	-0.1	0.6	194.5	-0.8	0.7	81.3	-0.6	0.4	214.3	-0.5	0.7	60.7	-1.2	0.5
D7RHCM	308.0	0.9	0.5	234.3	0.7	0.5	125.6	1.7	0.7	236.3	0.5	0.8	85.9	1.5	0.7
DH3XBF	232.4	-1.6	0.4	196.3	-0.7	0.7	91.9	0.0	0.4	196.6	-1.4	0.2	61.8	-1.1	0.3
E82WBG	282.5	0.1	0.2	199.3	-0.6	0.3	87.3	-0.3	0.6	216.8	-0.4	0.1	64.8	-0.7	0.4
EJTHGB	89.0	-6.3X	0.9	53.3	-6.1X	1.5	15.3	-4.0X	1.4	28.8	-9.2X	0.2	9.6	-6.7X	1.5
ENN97V	284.7	0.2	0.4	221.3	0.2	0.2	111.0	0.9	0.3	228.3	0.1	0.2	71.0	-0.1	
EVMY7C	334.7	1.8	0.5	246.0	1.1	0.4				266.0	1.9	1.3			
F8REPM	316.2	1.2	0.4	225.7	0.4	0.2	247.9	8.1X	0.4	87.4	-6.5X	0.0	80.1	0.9	0.1
GTRT8X	265.2	-0.5	0.1	187.2	-1.1	0.0	80.3	-0.7	0.3	200.9	-1.2	0.0	65.8	-0.6	0.3
JDRQHP	326.7	1.5	0.4	245.7	1.1	0.9	117.3	1.3	0.5	249.0	1.1	0.3	77.3	0.6	0.7
JJEHQH	267.6	-0.4	1.1	196.1	-0.7	0.9	83.7	-0.5	1.0	210.5	-0.7	0.4	60.1	-1.2	1.3
JT62BH	271.7	-0.3	0.2	222.3	0.3	0.1	108.0	0.8	1.1	224.0	-0.1	0.5	82.3	1.2	0.6



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KEGLCB	281.3	0.0	0.6	227.3	0.4	0.4	119.0	1.4	2.2	246.7	1.0	1.2	78.3	0.7	1.7	
KJ9TUK	266.4	-0.4	0.5	207.5	-0.3	0.5	92.6	0.0	0.5	223.1	-0.1	0.5	75.2	0.4	0.2	
NBNLUH	281.4	0.1	0.4	216.8	0.1	0.8	82.4	-0.5	1.6	225.5	0.0	0.8	66.6	-0.6	1.6	
NENXQH	254.3	-0.8	0.6	189.3	-1.0	0.2	73.0	-1.0	0.6	197.3	-1.3	2.3	54.7	-1.8	1.2	
Q7LCTF	270.1	-0.3	0.1	224.2	0.3	0.3	120.0	1.4	0.6	243.1	0.8	1.2	80.2	0.9	0.5	
QPG6ED	251.0	-0.9	0.4	224.5	0.3	0.5	118.5	1.3	0.5	237.4	0.6	0.4	70.0	-0.2	0.1	
QPXCLF	224.7	-1.8	0.5	215.3	0.0	0.3	103.1	0.5	0.5	206.6	-0.9	0.5	72.6	0.1	0.5	
QQE7NB	258.0	-0.7	1.0	191.3	-0.9	0.4	91.3	-0.1	1.5	215.3	-0.5	0.4	76.3	0.5	3.6	
R4VPDX	282.0	0.1	0.2	232.7	0.6	0.1	125.0	1.7	0.3	244.3	0.9	0.2	81.3	1.0	0.2	
R7ZBAA	267.7	-0.4	0.5	189.7	-1.0	0.4	80.0	-0.7	0.3	215.0	-0.5	0.4	62.7	-1.0	0.6	
TXQ7WJ	295.7	0.5	0.0	242.7	1.0	0.8	104.7	0.6	1.8	233.7	0.4	0.9	71.7	0.0	0.2	
UCKX98	305.2	0.8	0.4	235.9	0.8	0.6	92.4	0.0	0.9	234.5	0.4	0.8	72.1	0.0	1.0	
UJHPG2	280.0	0.0	0.8	230.0	0.5	1.0	123.3	1.6	1.8	236.7	0.5	0.7	77.7	0.6	1.0	
VFJN26	290.3	0.3	0.1	224.2	0.3	0.1	113.1	1.1	0.1	238.2	0.6	0.1	77.9	0.7	0.3	
XPTAR4	25.6	-8.3X	0.1	20.3	-7.3X	0.1	7.9	-4.4X	0.2	19.7	-9.7X	0.1	4.5	-7.3X	0.3	
XYKHK8	260.6	-0.6	1.1	215.7	0.0	1.1	114.6	1.1	2.5	220.5	-0.2	0.7	76.9	0.6	1.4	
Y73BCW	270.9	-0.3	0.2	207.5	-0.3	0.5	77.5	-0.8	1.1	215.9	-0.5	0.3	65.6	-0.7	0.5	
YKZMHF	289.7	0.3	0.4	199.3	-0.6	0.3	92.0	0.0	0.6	227.3	0.1	0.9	65.7	-0.6	0.9	
YWCTV4	279.7	0.0	0.2	208.3	-0.3	0.2	93.0	0.0	0.6	222.0	-0.2	0.3	77.3	0.6	0.2	
ZQ2WP9	282.0	0.1	0.3	200.3	-0.6	1.3	89.3	-0.2	1.4	223.7	-0.1	1.7	66.8	-0.5	2.5	

K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	279.8			215.5			92.8			225.5			71.7			
Median Abs Dev	14.0			16.2			11.7			10.7			5.9			
Avg Within Lab SD	11.9			10.1			3.1			8.4			3.4			
Labs Included	44			44			42			43			43			
Labs Reporting	46			46			45			46			45			



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	2,699.5	-2.8	0.2	4,560.6	1.8	0.5	1,348.7	-0.1	0.3	2,004.2	-2.7	0.1	1,461.0	-0.9	0.2	
2XUQZC	3,461.3	-1.1	0.3	3,142.2	-0.4	0.3	1,449.0	0.3	0.2	2,848.6	-0.1	0.2	1,650.1	-0.3	0.1	
39VER9	3,457.3	-1.1	0.1	2,889.0	-0.8	0.1	1,047.7	-1.1	0.1	2,595.7	-0.9	0.1	1,367.3	-1.2	0.1	
49T7ZZ	3,538.2	-0.9	0.2	3,404.0	0.0	0.3	1,639.6	0.9	0.5	2,855.1	-0.1	0.2	1,974.4	0.7	0.3	
74PA6Q	3,165.3	-1.7	0.1	3,123.3	-0.5	0.1	1,364.7	0.0	1.6	3,039.0	0.4	0.2	1,798.0	0.2	1.0	
7CJEYR	4,231.3	0.7	0.1	2,895.3	-0.8	0.3	1,215.3	-0.5	1.0	2,688.4	-0.6	0.2	1,549.3	-0.6	0.7	
7YCBUW	3,886.0	-0.1	0.1	3,490.0	0.1		1,418.0	0.1	0.1	3,180.0	0.8	0.1	1,860.0	0.4	0.2	
86YJV3	4,375.0	1.0	0.6	4,183.3	1.2	0.3	1,550.0	0.6	0.9	3,253.3	1.1	0.6	1,933.3	0.6	0.5	
8UBURM	4,367.3	1.0	0.0	3,308.0	-0.2	0.0	1,233.3	-0.5	0.0	2,943.0	0.1	0.0	1,628.0	-0.4	0.0	
AJ7L2F	3,910.3	0.0	0.2	3,036.4	-0.6	0.7	1,225.7	-0.5	0.4	2,896.8	0.0	1.1	1,581.4	-0.5	0.6	
C6LDLU	4,179.7	0.6	0.3	3,791.3	0.6	1.6	1,396.0	0.1	1.1	3,046.7	0.4	1.5	1,859.0	0.3	2.0	
CAB3ZC	3,768.0	-0.4	0.3	3,839.7	0.7	0.4	1,659.5	1.0	1.2	3,190.5	0.9	0.1	2,074.1	1.0	0.3	
CBNPHQ	4,191.3	0.6	1.8	3,290.3	-0.2	0.5	1,134.3	-0.8	2.0	2,662.0	-0.7	3.1	1,473.0	-0.9	2.8	
CQXFCE	3,649.7	-0.6	0.8	2,967.0	-0.7	1.0	1,200.3	-0.6	1.1	2,748.3	-0.4	0.7	1,467.0	-0.9	1.4	
D7RHCM	3,910.5	0.0	0.3	3,880.4	0.7	1.0	1,650.6	0.9	0.7	2,876.4	-0.1	0.6	1,981.3	0.7	0.5	
DH3XBF	4,153.3	0.5	3.3	3,336.6	-0.1	1.4	1,438.1	0.2	0.5	2,998.0	0.3	0.7	1,873.9	0.4	0.2	
EJTHGB	1,683.1	-5.1X	1.0	1,478.6	-3.1X	3.1	375.7	-3.4X	0.5	600.3	-6.9X	0.3	715.7	-3.3X	1.7	
ENN97V	4,290.0	0.8	1.1	4,473.3	1.7	1.0	1,613.3	0.8	0.1	2,943.3	0.1	0.2	2,056.7	1.0	0.5	
EVMY7C	4,475.7	1.3	1.8	4,435.3	1.6	3.5	1,773.0	1.4	1.5	3,280.0	1.1	0.9	2,170.7	1.3	0.8	
F8REPM	3,948.4	0.1	0.1	3,609.4	0.3	0.2	2,870.0	5.1X	0.2	1,131.2	-5.3X	0.1	1,749.1	0.0	0.1	
GTRT8X	3,824.0	-0.2	0.1	3,283.7	-0.2	0.1	1,152.3	-0.8	0.9	2,576.0	-1.0	0.7	1,509.3	-0.8	0.4	
HE7ZP6	3,920.0	0.0	0.2	3,953.3	0.9	0.2	1,693.3	1.1	0.2	2,960.0	0.2	0.4	1,960.0	0.7	0.3	
JDRQHP	3,609.7	-0.7	0.4	3,056.7	-0.6	0.4	1,378.3	0.0	0.5	2,699.7	-0.6	0.5	1,658.0	-0.3	1.5	
JJEHQH	3,969.6	0.1	1.6	3,556.0	0.2	0.9	1,219.7	-0.5	1.1	2,759.6	-0.4	0.6	1,617.0	-0.4	1.2	
JT62BH	3,254.0	-1.5	0.5	3,225.3	-0.3	0.1	1,477.7	0.4	0.7	2,585.7	-0.9	2.9	1,667.7	-0.3	0.0	
KEGLCB	4,213.3	0.7	2.1	4,193.3	1.2	2.9	1,713.3	1.2	3.3	3,153.3	0.8	1.2	2,100.0	1.1	1.8	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KJ9TUK	3,991.5	0.2	0.1	3,005.1	-0.6	0.4	1,208.6	-0.6	0.4	2,784.8	-0.3	0.6	1,587.8	-0.5	0.5	
NBNLUH	3,925.7	0.0	0.9	3,703.2	0.5	1.5	1,100.4	-0.9	0.6	2,672.0	-0.7	0.4	1,735.7	0.0	0.9	
NENXQH	2,940.0	-2.3	0.7	2,293.3	-1.8	0.3	900.0	-1.6	0.2	2,386.7	-1.5	0.2	1,163.3	-1.9	0.2	
Q7LCTF	4,161.1	0.5	0.1	4,526.8	1.8	0.1	1,596.1	0.8	1.2	3,270.2	1.1	1.0	2,141.9	1.2	0.7	
QPG6ED	3,711.3	-0.5	0.5	3,372.5	-0.1	0.3	1,911.2	1.8	1.1	3,490.5	1.8	0.9	1,885.0	0.4	0.6	
QPXCLF	3,228.0	-1.6	0.6	2,519.3	-1.4	0.5	1,394.0	0.1	0.8	2,540.0	-1.1	0.6	1,475.3	-0.9	0.6	
QQE7NB	3,510.3	-1.0	0.7	2,732.7	-1.1	0.8	1,039.7	-1.1	0.5	2,527.7	-1.1	0.4	1,511.3	-0.8	0.7	
R4VPDX	4,028.0	0.2	0.2	4,076.7	1.1	0.5	1,719.0	1.2	0.5	3,057.3	0.5	0.0	2,122.3	1.2	0.5	
R7ZBAA	4,282.0	0.8	0.6	3,321.0	-0.1	0.1	1,311.3	-0.2	0.2	3,099.3	0.6	0.2	1,775.3	0.1	0.2	
TXQ7WJ	3,663.7	-0.6	0.8	2,858.4	-0.9	1.0	1,044.3	-1.1	0.2	2,595.8	-0.9	1.8	1,385.4	-1.2	2.0	
UCKX98	3,929.3	0.0	3.1	3,354.0	-0.1	1.1	1,215.0	-0.5	1.4	2,366.7	-1.6	0.6	1,462.3	-0.9	1.2	
UJHPG2	4,066.7	0.3	1.1	4,166.7	1.2	0.6	1,600.0	0.8	1.8	2,900.0	0.0	1.8	2,000.0	0.8	1.6	
VFJN26	3,754.8	-0.4	0.1	3,428.7	0.0	0.8	1,593.1	0.7	0.2	2,960.8	0.2	0.3	1,778.3	0.1	0.4	
XPTAR4	243.3	-8.4X	0.1	230.4	-5.0X	0.1	94.6	-4.4X	0.1	193.7	-8.1X	0.1	100.7	-5.2X	0.1	
XYKHK8	3,851.1	-0.2	0.1	3,418.0	0.0	1.0	1,709.4	1.1	0.6	3,121.6	0.7	0.7	2,206.6	1.4	1.4	
Y73BCW	4,063.0	0.3	0.5	3,531.7	0.2	0.3	1,210.0	-0.6	1.0	3,009.0	0.3	0.8	1,691.7	-0.2	0.6	
YKZMHF	4,218.7	0.7	0.8	3,411.0	0.0	0.7	1,295.3	-0.3	0.4	3,042.0	0.4	0.9	1,630.3	-0.4	0.2	
YWCTV4	4,084.0	0.4	0.3	3,923.7	0.8	0.3	1,254.7	-0.4	0.2	2,853.3	-0.1	0.2	1,879.7	0.4	0.2	
ZQ2WP9	4,160.0	0.5	0.8	3,996.7	0.9	1.7	1,370.0	0.0	1.1	3,043.3	0.4	2.1	2,010.0	0.8	2.1	

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	3,925.7			3,411.0			1,374.2			2,898.4			1,749.1			
Median Abs Dev	253.9			380.3			174.8			199.8			210.9			
Avg Within Lab SD	106.1			93.7			54.8			96.8			60.8			
Labs Included	43			43			42			42			43			
Labs Reporting	45			45			45			45			45			



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	3,197.0	0.4	0.3	213.0	6.6X	0.4	277.5	2.7	0.9	662.8	2.1	1.1	511.9	8.7X	2.0	
2XUQZC	2,914.4	-0.1	0.5	106.0	0.2	0.5	180.0	0.4	0.1	538.1	0.2	1.2	225.1	0.1	0.9	
39VER9	2,988.7	0.0	0.0	101.0	-0.1	0.3	144.3	-0.5	0.2	520.3	-0.1	0.1	201.3	-0.6	0.5	
49T7ZZ	1,767.0	-2.1	0.1	120.3	1.1	0.1	198.2	0.8	0.3	574.2	0.8	0.3	244.9	0.7	0.4	
74PA6Q	1,388.7	-2.8	0.0	104.3	0.1	0.2	160.7	-0.1	0.7	580.3	0.9	1.5	232.3	0.3	2.3	
7CJEYR	3,492.9	0.9	0.3	102.6	0.0	0.4	153.7	-0.3	0.4	561.6	0.6	0.1	224.8	0.1	0.1	
7YCBUW	3,420.0	0.7	0.1	103.0	0.0	0.5	178.0	0.3	0.4	620.0	1.5	0.6	236.0	0.5	0.7	
86YJV3	3,350.0	0.6	0.4	135.0	1.9	0.8	190.0	0.6	1.4	628.3	1.6	0.6	250.0	0.9	1.3	
8UBURM	1,923.3	-1.9	0.0	124.7	1.3	0.2	128.0	-0.9	0.4	502.0	-0.4	0.2	182.3	-1.2	0.5	
AJ7L2F	3,191.4	0.3	0.4	92.3	-0.6	0.4	140.2	-0.6	0.3	518.6	-0.1	0.2	205.1	-0.5	0.1	
C6LDFU	3,346.3	0.6	0.5	108.8	0.4	0.6	177.4	0.3	0.3	562.0	0.6	1.3	226.7	0.2	1.6	
CAB3ZC	1,278.4	-3.0	0.0	79.0	-1.4	0.2	171.6	0.2	0.7	642.4	1.8	0.8	198.9	-0.7	0.4	
CBNPHQ	2,609.3	-0.7	0.7	85.7	-1.0	0.6	133.7	-0.7	0.9	433.3	-1.5	2.0	177.3	-1.3	1.2	
CQXFCJ	2,811.0	-0.3	0.5	97.7	-0.3	0.9	152.7	-0.3	1.2	505.7	-0.3	1.0	186.3	-1.0	1.4	
D7RHCM	2,887.7	-0.2	0.0	122.5	1.2	4.5	200.7	0.9	0.3	527.6	0.0	0.2	246.6	0.8	0.6	
DH3XBF	3,762.2	1.3	1.4	95.8	-0.4	1.3	143.5	-0.5	2.8	517.9	-0.1	1.2	241.4	0.6	0.6	
EJTHGB	1,210.6	-3.1X	1.0	44.7	-3.5X	0.5	43.8	-2.9X	0.4	111.5	-6.5X	0.4	78.0	-4.3X	2.4	
ENN97V	3,086.7	0.2	0.8	100.7	-0.1	0.2	185.7	0.5	0.1	511.0	-0.2	0.3	240.0	0.6	0.6	
EVMY7C	3,544.0	1.0	0.8	115.3	0.8	0.4	212.0	1.2	0.3	596.0	1.1	0.5	254.7	1.0	0.7	
F8REPM	2,943.8	-0.1	0.2	103.1	0.0	0.2	533.0	8.9X	0.1	144.1	-6.0X	0.0	215.0	-0.2	0.1	
GTRT8X	2,634.7	-0.6	0.4	96.1	-0.4	0.3	137.0	-0.7	0.6	430.3	-1.5	0.1	190.9	-0.9	0.4	
HE7ZP6	3,219.0	0.4	0.2	118.7	1.0	0.5	214.0	1.2	0.1	546.7	0.3	0.5	245.3	0.7	0.5	
JDRQHP	2,722.0	-0.5	1.1	114.0	0.7	0.6	151.7	-0.3	1.1	462.3	-1.0	1.5	187.3	-1.0	0.7	
JJEHQH	2,991.6	0.0	1.3	80.4	-1.4	0.5	127.6	-0.9	0.9	426.4	-1.6	0.5	165.7	-1.7	1.1	
JT62BH	2,725.7	-0.5	0.4	94.7	-0.5	0.3	175.3	0.3	0.7	499.3	-0.4	1.1	213.7	-0.2	0.1	
KEGLCB	3,182.3	0.3	1.2	117.0	0.9	1.1	214.0	1.2	3.6	589.0	1.0	1.1	262.0	1.2	1.8	



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KJ9TUK	3,206.8	0.4	0.2	93.3	-0.6	0.1	147.0	-0.4	0.3	527.1	0.0	0.4	198.4	-0.7	0.2	
NBNLUH	3,625.2	1.1	0.8	105.6	0.2	0.9	143.2	-0.5	0.7	513.0	-0.2	0.7	237.6	0.5	1.5	
NENXQH	2,669.7	-0.6	0.4	76.0	-1.6	0.9	118.0	-1.1	0.1	473.0	-0.8	0.8	166.7	-1.6	0.2	
Q7LCTF	3,409.2	0.7	0.3	108.2	0.3	0.4	203.7	1.0	0.7	593.6	1.1	1.5	246.5	0.8	0.7	
QPG6ED	2,788.4	-0.4	0.4	85.2	-1.1	0.3	210.6	1.1	1.0	578.6	0.8	0.5	207.2	-0.4	0.3	
QPXCLF	2,952.3	-0.1	0.8	117.7	0.9	0.9	188.9	0.6	0.9	514.7	-0.2	0.5	218.1	-0.1	0.7	
QQE7NB	2,777.3	-0.4	0.3	82.3	-1.2	0.2	130.3	-0.8	0.5	497.3	-0.5	0.7	187.7	-1.0	2.0	
R4VPDX	3,207.3	0.4	0.2	124.3	1.3	0.1	235.7	1.7	0.2	599.3	1.1	0.1	283.0	1.9		
R7ZBAA	2,670.7	-0.6	1.6	83.0	-1.2	0.7	147.0	-0.4	0.7	518.0	-0.1	0.2	204.0	-0.5	0.9	
TXQ7WJ	3,605.0	1.1	1.4	82.9	-1.2	0.7	128.3	-0.9	0.5	473.6	-0.8	2.0	175.6	-1.4	2.0	
UCKX98	3,185.3	0.3	1.7	109.7	0.4	1.2	167.0	0.1	0.9	477.7	-0.8	2.4	225.2	0.1	1.1	
UJHPG2	3,300.0	0.5	0.9	106.7	0.2	0.9	200.0	0.9	1.4	543.3	0.3	1.8	243.3	0.7	0.8	
VFJN26	2,896.7	-0.2	0.0	93.0	-0.6	0.1	180.6	0.4	0.2	522.0	-0.1	0.1	219.2	0.0	0.5	
XPTAR4	227.4	-4.8X	0.1	8.6	-5.7X	0.1	14.4	-3.6X	0.1	42.3	-7.6X	0.1	16.0	-6.1X	0.2	
XYKHK8	3,103.9	0.2	0.9	109.5	0.4	2.8	199.0	0.8	0.9	541.0	0.2	0.8	244.6	0.7	1.6	
Y73BCW	2,870.7	-0.2	0.4	110.9	0.5	0.2	149.0	-0.4	1.1	525.3	0.0	0.4	215.1	-0.2	0.2	
YKZMHF	3,719.7	1.3	0.2	93.0	-0.6	0.2	159.4	-0.1	0.5	534.7	0.1	0.3	203.7	-0.5	0.5	
YWCTV4	2,629.3	-0.6	0.5	99.5	-0.2	0.1	135.9	-0.7	0.3	433.8	-1.4	0.3	222.4	0.0	0.3	
ZQ2WP9	3,355.0	0.6	4.7	101.9	-0.1	0.9	161.7	-0.1	1.3	533.7	0.1	1.9	232.0	0.3	1.3	

Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	2,991.6			102.8			164.3			526.2			220.8			
Median Abs Dev	269.6			9.6			24.4			32.1			21.2			
Avg Within Lab SD	115.0			6.4			6.9			16.3			7.5			
Labs Included	43			42			42			42			42			
Labs Reporting	45			45			45			45			45			



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	221.7	0.8	0.2	17.8	0.9	0.0	66.5	1.5	0.4	15.9	0.2	0.2	54.9	1.1	0.4	
2XUQZC	212.6	0.5	0.5	14.4	0.3	1.0	55.4	0.7	0.5	23.4	1.2	0.6	53.3	0.9	1.0	
49T7ZZ	206.1	0.2	0.3	10.2	-0.4	0.0	55.6	0.7	0.3	12.7	-0.3	0.1	48.3	0.4	0.3	
74PA6Q	175.7	-0.9	0.4	36.4	4.2X	3.3	43.3	-0.2	0.3	23.9	1.3	1.6	41.8	-0.2	0.6	
7CJEYR	171.8	-1.1	0.5	13.3	0.1	0.1	38.7	-0.6	0.1	15.2	0.1	0.1	38.3	-0.5	0.2	
7YCBUW	200.0	0.0	0.6	9.6	-0.5	0.2	48.0	0.1	0.3	13.9	-0.1	0.0	44.1	0.0	0.0	
86YJV3	205.0	0.2	0.6	19.0	1.1	0.3	48.7	0.2	0.3	20.3	0.8	0.2	40.7	-0.3	0.5	
AJ7L2F	187.0	-0.5	1.0	11.3	-0.2	0.4	37.7	-0.6	0.1	14.4	0.0	0.1	37.3	-0.6	0.1	
CAB3ZC	229.3	1.1	0.7	7.3	-0.9	0.2	56.5	0.7	0.7	18.2	0.5	1.8	59.5	1.5	1.1	
CBNPHQ	201.7	0.1	4.3	8.7	-0.7	1.0	38.0	-0.6	1.3	12.0	-0.4	1.4	36.3	-0.7	2.4	
CQXFCJ	196.3	-0.1	0.7	16.7	0.7	0.2	47.0	0.0	0.3	20.0	0.8	0.7	42.0	-0.2	1.6	
D7RHCM	200.1	0.0	0.3	13.1	0.1	0.6	55.2	0.6	0.3	15.2	0.1	0.2	47.6	0.4	0.2	
DH3XBF	235.8	1.3	1.0	9.3	-0.5	0.9	46.9	0.0	0.4	12.8	-0.3	0.2	43.2	0.0	0.6	
EJTHGB	74.4	-4.7	1.1	13.1	0.1	0.4	24.3	-1.6	0.5	9.3	-0.8	0.5	22.6	-2.0	1.7	
ENN97V	402.7	7.6X	0.9	35.7	4.0X	0.4	105.7	4.3X	0.1	163.3	21.0X	0.8	112.7	6.5X	0.6	
EVMY7C	222.3	0.8	0.1													
F8REPM	193.5	-0.2	0.2	15.3	0.5	0.0	19.2	-2.0	0.1	42.5	3.9	0.2	55.0	1.1	0.2	
GTRT8X	220.4	0.8	0.3	11.7	-0.1	0.2	37.7	-0.6	0.1	14.1	-0.1	0.1	51.2	0.7	0.2	
HE7ZP6	244.7	1.7	0.3	12.7	0.0	0.4	53.0	0.5		14.7	0.0	0.5	49.0	0.5	0.7	
JDRQHP	217.3	0.6	0.5	15.3	0.5	0.2	55.3	0.6	0.5	19.3	0.7	0.5	50.3	0.6	0.2	
JJEHQH	193.4	-0.2	1.1	12.5	0.0	0.2	43.0	-0.3	0.4	14.6	0.0	0.4	40.3	-0.3	0.9	
JT62BH	138.3	-2.3	0.2	4.3	-1.4	0.2	33.7	-0.9	0.5	11.7	-0.4	0.2	31.3	-1.2	0.2	
KEGLCB	203.3	0.1	1.2	19.2	1.2	5.3	59.8	1.0	1.6	18.4	0.5	2.4	52.1	0.8	2.6	
KJ9TUK	189.6	-0.4	0.6	11.9	-0.1	0.0	40.3	-0.4	0.1	15.3	0.1	0.1	40.3	-0.3	0.1	
NENXQH	204.7	0.2	1.1	26.0	2.4	1.6	52.0	0.4	0.9	30.0	2.2	1.2	53.0	0.9	0.7	
Q7LCTF	193.3	-0.3	0.2	38.1	4.5X	1.8	86.5	2.9X	1.8	39.6	3.5	4.0	96.8	5.0X	2.7	



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
QPG6ED	200.2	0.0	1.0	32.6	3.5	0.9	64.9	1.3	1.0	30.0	2.2	0.7	59.3	1.5	0.6		
QPXCLF	193.2	-0.3	1.1	9.1	-0.6	0.4	56.3	0.7	1.1	11.0	-0.5	1.1	44.8	0.1	2.1		
QQE7NB	180.7	-0.7	0.8	6.7	-1.0	0.4	36.7	-0.7	0.4	11.0	-0.5	0.4	36.3	-0.7	0.2		
R4VPDX	200.0	0.0	0.2	17.3	0.8	0.2	63.0	1.2	0.3	19.7	0.7	0.2	56.3	1.2	0.2		
R7ZBAA	148.3	-1.9	0.4	14.7	0.4	0.2	35.7	-0.8	0.3	14.7	0.0	0.2	35.0	-0.8	0.4		
TXQ7WJ	195.7	-0.2	0.9	7.3	-0.9	1.0	33.9	-0.9	0.6	5.4	-1.3	0.8	33.4	-1.0	1.5		
UCKX98	137.6	-2.3	0.3	11.5	-0.2	0.2	40.4	-0.4	0.4	13.3	-0.2	0.1	40.5	-0.3	0.7		
UJHPG2	206.7	0.2	0.7	14.3	0.3	0.5	60.0	1.0	1.1	15.3	0.1	0.6	51.0	0.7	1.1		
VFJN26	195.7	-0.2	0.2	11.2	-0.2	0.4	57.9	0.8	0.1	16.0	0.2	0.7	49.9	0.6	0.2		
XPTAR4	32.9	-6.3X	2.3	6.8	-1.0	0.0	31.7	-1.1	4.8	14.1	-0.1	1.2	16.5	-2.6	1.1		
XYKHK8	189.1	-0.4	0.7	6.3	-1.1	0.4	50.1	0.3	1.2	9.2	-0.8	0.5	44.4	0.1	1.0		
Y73BCW	189.0	-0.4	0.9	7.6	-0.8	0.1	35.0	-0.8	0.7	11.2	-0.5	0.0	39.6	-0.4	0.4		
YKZMHF	207.7	0.3	0.5	14.8	0.4	0.1	45.9	0.0	0.2	19.3	0.6	0.6	45.9	0.2	0.4		
YWCTV4	199.5	0.0	0.4	13.2	0.1	0.3	42.5	-0.3	0.1	14.2	-0.1	0.2	42.2	-0.1	0.8		
ZQ2WP9	204.7	0.2	1.8	8.8	-0.6	0.1	41.4	-0.4	0.6	11.6	-0.4	0.2	41.2	-0.2	1.6		

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups															Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905				
Grand Median	200.0			12.5			46.4			14.7			43.6				
Median Abs Dev	7.7			2.9			8.8			3.1			6.3				
Avg Within Lab SD	7.9			2.9			3.9			2.5			2.5				
Labs Included	39			37			38			39			38				
Labs Reporting	41			40			40			40			40				



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
74PA6Q	127.4		0.6	175.1		1.2	64.7		0.3	155.6		1.3	47.7		1.3	
GTRT8X	132.8		1.3	172.0		0.7	81.9		1.4	158.0		0.6	59.5		0.7	
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	130.1			173.6			73.3			156.8			53.6			
Median Abs Dev																
Avg Within Lab SD	1.6			2.4			1.9			2.3			1.0			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7QMJNR	154.7		1.2	222.3		0.8	98.0		1.0	181.3		1.3	68.7		1.1	
HE7ZP6	193.0		0.7	208.3		1.2	103.3		1.0	192.3		0.5	69.7		0.8	
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	173.8			215.3			100.7			186.8			69.2			
Median Abs Dev																
Avg Within Lab SD	5.0			5.8			4.7			4.2			2.5			
Labs Included	2			2			2			2			2			
Labs Reporting	2			2			2			2			2			



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Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4ED4Q9	0.83	0.21	0.25	0.84	0.07	0.21	1.22	0.12	0.24	0.86	0.66	0.05	0.50	0.93	0.03	
74PA6Q	5.36	2.86	2.15	4.49	2.50	2.08	5.92	2.69	1.69	2.60	2.49	2.19	0.63	1.44	0.38	
7QMJNR	0.47	0.00	0.41	0.73	0.00	0.68	1.00	0.00		0.23	0.00	0.44	0.27	0.00	2.18	
J3PF4M	0.15	-0.18	0.04	0.07	-0.44	0.03	0.18	-0.45	0.07	0.09	-0.15	0.00	0.11	-0.61	0.22	
Y73BCW	0.26	-0.12	0.35	0.19	-0.36	0.37	0.79	-0.12	1.04	0.17	-0.07	0.11	0.17	-0.40	0.24	
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	0.47			0.73			1.00			0.23			0.27			
Median Abs Dev	0.31			0.55			0.22			0.14			0.15			
Avg Within Lab SD	0.14			0.17			0.09			0.13			0.05			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4ED4Q9	149.7		1.0	29.3		0.2	15.4		0.3	54.0		0.1	9.6		0.4	
838KG4	168.9		1.5	31.7		0.3	17.4		0.7	55.2		0.2	12.7		0.7	
PYTUMJ	131.5		0.5	28.1		0.1	14.7		0.3	53.7		0.2	7.5		0.1	
XGX8QR	130.8		0.8	24.2		2.0	17.2		1.8	58.5		2.0	5.0		1.8	

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	140.6			28.7			16.3			54.6			8.55			
Median Abs Dev																
Avg Within Lab SD	2.9			1.7			0.8			3.1			1.47			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2MVXPZ	49.3	-2.1	2.1	105.1	-2.0	0.4	59.4	0.0	1.5	89.6	-2.2	0.5	37.9	-1.3	2.1	
4ED4Q9	78.3	0.4	0.4	170.6	0.7	0.7	68.2	1.6	0.4	140.1	0.6	1.0	50.5	1.1	0.4	
838KG4	74.0	0.0	0.2	156.1	0.1	1.8	59.7	0.0	1.4	128.8	0.0	0.8	44.8	0.0	0.4	
PYTUMJ	74.7	0.1	0.3	153.3	0.0	0.5	66.4	1.2	0.2	133.5	0.3	0.1	48.9	0.8	0.2	
XGX8QR	64.7	-0.8	0.6	140.3	-0.5	0.9	57.0	-0.5	0.8	124.8	-0.2	1.7	43.7	-0.2	0.4	

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	74.0			153.3			59.7			128.8			44.8			
Median Abs Dev	4.3			12.9			2.7			4.7			4.1			
Avg Within Lab SD	2.5			3.5			3.1			2.5			2.9			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4ED4Q9	2,390.0		0.9	4,999.5			1,244.3		0.4	2,425.5		0.5	2,490.5		0.4	
838KG4	2,509.2		1.2	5,638.3		0.1	1,375.0		1.4	2,339.2		0.8	2,142.5		0.5	
PYTUMJ	2,420.7		0.2	5,011.2		0.1	1,438.7		0.5	2,458.6		0.5	2,577.3		0.1	
XGX8QR	2,400.3		1.4	6,671.7		1.7	1,204.3		1.3	2,553.8		1.7	2,879.2		1.9	

Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	2,410.5			5,324.7			1,309.7			2,442.0			2,533.9			
Median Abs Dev																
Avg Within Lab SD	30.1			344.0			71.6			52.9			161.4			
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		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4ED4Q9	2,573.5		0.3	192.8		0.2	158.5		0.5	574.8		0.8	882.0		0.6	
838KG4	1,889.4		0.8	160.5		0.4	142.5		1.4	418.0		0.4	461.8		0.2	
PYTUMJ	1,839.6		0.1	171.4		1.1	155.5		0.5	404.6		0.4	604.7		0.0	
XGX8QR	2,469.5		1.8	178.7		1.6	142.7		1.2	458.3		1.7	825.2		1.9	

Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	2,179.5			175.0			149.1			438.2			714.9			
Median Abs Dev																
Avg Within Lab SD	50.1			5.0			6.6			10.4			102.8			
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		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4ED4Q9	24.32		0.62	7.38		0.56	63.72		0.25	36.42		0.70	94.67		0.26	
838KG4	22.48		0.58	6.58		1.70	58.43		1.46	31.83		0.59	87.75		0.21	
PYTUMJ	20.49		0.52	7.60		0.42	62.83		0.15	36.69		0.08	96.38		0.01	
XGX8QR	18.33		1.73	5.67		0.80	60.67		1.33	36.33		1.78	127.17		1.97	
Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	21.5			6.98			61.7			36.4			95.5			
Median Abs Dev																
Avg Within Lab SD	0.6			0.36			3.3			1.6			12.2			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4ED4Q9	0.30		0.36	1.01		0.36	1.41		0.30	2.84		0.55	2.03		0.81	
838KG4	0.25		1.27	0.89		1.31	1.19		0.97	2.50		0.35	1.70		1.37	
PYTUMJ	0.28		0.63	0.88		0.12	1.35		0.53	2.74		0.96	1.78		0.54	
XGX8QR	0.17		1.37	0.55		1.46	1.23		1.64	2.38		1.63	1.57		1.09	
Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	0.26			0.89			1.29			2.62			1.74			
Median Abs Dev																
Avg Within Lab SD	0.02			0.12			0.10			0.10			0.05			
Labs Included	4			4			4			4			4			
Labs Reporting	4			4			4			4			4			



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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups														Data units: g/cm ³		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2YPEEZ	1.07	-0.85	0.30	0.91	-1.02	0.30	0.72	-0.98	0.15	0.99	-0.88	0.00	0.87	-1.00	0.61	
4728L3	1.24	0.65	0.30	1.08	0.43	0.46	0.88	0.59	0.15	1.10	0.02	0.65	0.98	0.02	0.00	
838KG4	1.27	0.92	0.51	1.12	0.74	1.80	0.93	1.09	2.05	1.23	1.11	1.30	1.16	1.65	0.60	
BW9AVU	0.97	-1.66	2.50	0.85	-1.55	1.22	0.69	-1.28	1.52	0.88	-1.76	1.73	0.82	-1.42	0.77	
PH4UM8	1.20	0.25	0.60	1.07	0.35	1.43	0.80	-0.20	0.41	1.15	0.45	0.25	1.00	0.20	1.91	
PYTUMJ	1.09	-0.65	1.37	0.87	-1.37	1.51	0.78	-0.44	1.16	0.96	-1.10	1.77	0.91	-0.66	1.31	
QWEUW3	1.21	0.34	0.30	1.06	0.27	0.17	0.84	0.20	0.62	1.14	0.36	0.98	1.02	0.41	1.53	
YKZMHF	1.21	0.38	0.45	1.01	-0.17	0.15	0.85	0.29	0.15	1.09	-0.02	0.19	0.98	-0.02	0.58	
YWCTV4	1.07	-0.79	0.60	0.95	-0.68	0.30	0.75	-0.69	0.41	1.00	-0.76	0.25	0.92	-0.52	0.00	
Z4P4H3	1.14	-0.25	0.65	1.05	0.17	0.70	0.93	1.00	1.16	1.13	0.28	0.80	1.07	0.86	0.81	

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups						Data units: g/cm ³	
	SRS1901		SRS1902		SRS1903	SRS1904	SRS1905
Grand Median	1.17		1.03		0.82	1.09	0.98
Median Abs Dev	0.08		0.07		0.07	0.07	0.07
Avg Within Lab SD	0.02		0.03		0.04	0.02	0.02
Labs Included	10		10		10	10	10
Labs Reporting	10		10		10	10	10



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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
CQXFCJ	79.3	0.1	1.5	53.0	0.0	1.4	37.7	0.0	1.6	51.0	-0.2	1.0	17.3	0.1	1.0	
GQ2UM8	77.9	-0.3	1.3	52.3	-0.2	1.4	37.8	0.0	1.6	51.9	0.0	1.1	17.9	0.6	1.1	
MZ9G22	76.3	-0.8	1.3	48.7	-1.2	0.5	33.0	-1.7	0.8	45.3	-1.4	0.9	15.7	-1.5	1.0	
NENXQH	78.7	-0.1	0.5	51.7	-0.4	0.7	36.7	-0.4	0.4	52.0	0.0	1.5	15.7	-1.5	1.0	
UCKX98	98.0	5.5X	2.6	55.3	0.6	1.5	38.2	0.2	0.8	55.6	0.7	1.2	17.4	0.1	1.5	
Y73BCW	81.6	0.8	0.4	53.3	0.1	0.3	39.7	0.7	0.6	55.2	0.7	0.2	16.3	-0.9	0.7	
YWCTV4	86.0	2.0	0.1	61.3	2.3	0.1	43.0	1.8	0.4	60.1	1.7	0.3	17.2	0.0	0.4	

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	79.0			53.0			37.8			52.0			17.2			
Median Abs Dev	1.9			1.3			1.1			3.2			0.7			
Avg Within Lab SD	2.2			2.2			1.3			1.7			0.6			
Labs Included	6			7			7			7			7			
Labs Reporting	7			7			7			7			7			



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2YPEEZ	81.1	-0.9	0.3	67.9	-0.1	0.3	48.6	-0.3	0.2	68.3	-0.1	0.5	20.3	0.2	0.8	
39VER9	83.5	-0.6	0.7	66.1	-0.4	0.1	43.1	-1.2	0.4	62.7	-0.8	0.3	19.9	0.0	0.6	
4728L3	88.7	0.0	0.3	70.3	0.2	0.9	51.3	0.1	0.4	69.7	0.1	0.3	20.7	0.4	0.7	
74PA6Q	90.5	0.2	0.2	73.5	0.7	0.5	52.8	0.3	0.6	70.6	0.2	0.6	19.7	-0.1	0.2	
7CJEYR	88.2	-0.1	0.3	68.4	-0.1	0.1	55.4	0.7	0.7	71.1	0.3	0.4	21.9	1.0	0.5	
7TL2JY	97.9	1.0	0.0	65.5	-0.5	0.0	50.5	0.0	0.0	65.0	-0.5	0.0	19.6	-0.2	0.0	
877VD4	87.0	-0.2	0.9	64.0	-0.7	0.6	44.3	-1.0	0.4	60.7	-1.1	0.6	17.0	-1.4	1.2	
AJ7L2F	83.6	-0.6	0.3	68.5	0.0	0.4	54.9	0.7	0.2	71.9	0.4	0.2	20.2	0.1	1.1	
BW9AVU	100.3	1.3	0.2	62.6	-0.9	0.9	42.8	-1.2	1.7	63.4	-0.7	1.1	16.7	-1.6	3.9	
C9XNC3	75.5	-1.5		62.3	-0.9	0.0	60.6	1.6	0.0	69.2	0.0	0.0	22.1	1.1	0.0	
CBNPHQ	94.8	0.6	0.9	74.3	0.8	2.2	50.9	0.0	0.6	76.3	0.9	2.0	21.1	0.6	0.3	
E82WBG	87.7	-0.1	0.4	73.4	0.7	1.1	52.5	0.3	0.5	74.6	0.7	0.5	20.8	0.4	0.9	
EJTHGB	80.6	-0.9	0.9	61.8	-1.0	1.1	36.8	-2.1	0.3	60.5	-1.1	2.0	15.6	-2.2	0.8	
EPWF9N	85.3	-0.4	0.5	69.1	0.0	0.5	47.4	-0.5	0.1	58.8	-1.3	1.2	18.9	-0.5	0.5	
GTRT8X	95.1	0.7	0.4	75.8	1.0	0.2	50.7	0.0	0.3	74.6	0.7	0.3	19.3	-0.3	0.4	
J3PF4M	91.5	0.3	0.4	82.3	1.9	2.1	57.7	1.1	0.4	82.1	1.7	0.6	27.1	3.5X	0.6	
JT4EMD	90.3	0.2	1.2	71.7	0.4	1.3	51.7	0.2	0.8	76.3	1.0	1.7	21.0	0.5		
KJ9TUK	89.3	0.0	0.1	70.3	0.2	0.2	54.8	0.7	0.7	68.9	0.0	0.8	20.3	0.2	0.4	
M7ZRCY	84.9	-0.4	0.7	72.4	0.5	1.2	54.3	0.6	1.1	73.8	0.6	0.6	20.9	0.5	0.4	
NBNLUH	78.1	-1.2	0.9	61.0	-1.1	1.1	49.9	-0.1	1.4	61.7	-1.0	1.7	17.9	-1.0	1.1	
PH4UM8	91.6	0.3	3.9	69.5	0.1	1.6	51.1	0.1	2.6	70.8	0.2	2.2	20.0	0.0	1.7	
PYTUMJ	82.0	-0.8	0.3	63.6	-0.7	1.1	40.4	-1.6	0.4	64.4	-0.6	0.5	17.5	-1.2	0.3	
QWEUW3	92.4	0.4	0.8	75.4	0.9	0.4	53.8	0.5	0.5	78.4	1.2	0.7	21.3	0.7	0.1	
R7ZBAA	90.7	0.2	0.8	65.0	-0.5	2.2	46.0	-0.7	3.0	66.0	-0.4	2.0	17.7	-1.1	0.7	
RXQTRC	94.0	0.6		67.0	-0.3		39.0	-1.8		64.0	-0.7		19.0	-0.5		
UBNKNZ	73.9	-1.7	0.3	59.8	-1.3	0.4	42.5	-1.3	0.6	54.2	-1.9	0.3	16.5	-1.7	0.4	



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VT7XMB	83.8	-0.6	0.4	62.3	-0.9	0.7	44.3	-1.0	0.1	64.3	-0.6	0.7	16.8	-1.5	0.1	
X78BW7	107.0	2.0		80.7	1.7	0.9	47.0	-0.6		74.3	0.7	0.3	21.0	0.5		
YKZMHF	90.7	0.2	0.8	73.1	0.6	0.4	56.9	1.0	0.6	71.4	0.3	0.1	20.6	0.3	0.4	
YWCTV4	97.7	1.0	0.2	69.6	0.1	0.1	48.9	-0.3	0.4	68.4	-0.1	0.4	19.6	-0.2	0.4	
Z4P4H3	94.3	0.6	0.6	74.7	0.8	0.4	50.3	0.0	0.4	73.3	0.6	0.6	20.3	0.2	0.7	
ZL949Y	69.2	-2.2	2.1	59.2	-1.4	1.3	51.3	0.1	1.7	62.5	-0.9	0.5	18.3	-0.8	0.5	

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	89.0			68.8			50.6			69.0			19.9			
Median Abs Dev	5.3			4.6			3.7			4.9			1.0			
Avg Within Lab SD	2.0			1.6			1.4			1.8			0.8			
Labs Included	32			32			32			32			31			
Labs Reporting	32			32			32			32			32			



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	87.8	-7.7X	0.1	66.0	-6.3X	0.2	38.2	-3.5X	0.1	66.0	-6.3X	0.0	13.2	-7.0X	0.2
2YPEEZ	280.0	0.4	0.7	256.6	1.8	0.1	130.5	3.0	0.8	241.9	0.9	0.4	78.6	1.2	0.0
39VER9	240.7	-1.3	0.2	198.7	-0.6	0.3	81.7	-0.4	0.1	201.3	-0.7	0.1	61.4	-1.0	0.2
4728L3	259.3	-0.5	1.2	235.7	0.9	0.4	109.7	1.6	1.3	230.3	0.4	1.2	73.7	0.6	0.9
74PA6Q	294.3	1.0	0.6	237.3	1.0	0.2	91.0	0.2	0.2	244.1	1.0	0.3	70.8	0.2	0.2
7CJEYR	283.4	0.5	0.4	203.3	-0.4	0.3	86.5	-0.1	0.4	220.2	0.0	0.9	66.8	-0.3	1.1
7TL2JY	271.7	0.0	0.0	211.9	-0.1	0.0	83.6	-0.3	0.0	211.0	-0.3	0.0	62.4	-0.8	0.0
877VD4	253.3	-0.8	0.3	188.3	-1.1	0.3	74.3	-0.9	0.8	201.0	-0.8	0.3	59.7	-1.2	0.2
AJ7L2F	281.7	0.4	0.4	218.7	0.2	0.3	88.1	0.0	0.4	238.4	0.8	0.2	66.9	-0.3	0.5
BW9AVU	263.5	-0.3	0.5	201.2	-0.5	0.3	85.3	-0.2	1.0	208.9	-0.4	0.2	69.1	0.0	0.7
C9XNC3	281.2	0.4	0.0	206.3	-0.3	0.0	84.3	-0.2	0.0	214.8	-0.2	0.0	67.6	-0.2	0.0
CQXFCJ	273.0	0.1	0.9	213.7	0.0	0.8	90.7	0.2	0.1	218.7	0.0	0.5	70.3	0.1	1.4
E82WBG	271.6	0.0	0.8	224.7	0.5	0.3	93.9	0.4	0.1	239.1	0.8	0.1	72.1	0.4	0.4
EJTHGB	238.1	-1.4	1.9	205.3	-0.4	0.7	102.1	1.0	2.5	203.6	-0.6	2.3	66.9	-0.3	2.4
EPWF9N	261.8	-0.4	0.5	206.3	-0.3	0.5	76.1	-0.8	0.6	192.8	-1.1	0.2	61.5	-1.0	0.1
GQ2UM8	269.5	-0.1	1.1	204.0	-0.4	1.7	75.3	-0.9	1.8	206.5	-0.5	1.2	62.7	-0.8	2.2
GTRT8X	279.0	0.3	0.1	213.8	0.0	0.1	89.6	0.1	0.4	217.9	-0.1	0.1	74.9	0.7	0.1
J3PF4M	261.9	-0.4	0.0	235.8	1.0	0.5	116.5	2.0	0.3	226.7	0.3	0.1	75.2	0.7	0.2
JT4EMD	296.3	1.0	0.8	224.7	0.5	1.0	88.7	0.1	1.0	232.7	0.5	0.8	73.7	0.6	1.4
KJ9TUK	271.5	0.0	0.9	214.4	0.0	0.1	85.6	-0.2	0.1	220.9	0.1	0.3	60.4	-1.1	0.1
M7ZRCY	291.5	0.8	0.4	256.9	1.9	1.2	129.8	3.0	1.7	250.9	1.3	0.3	84.8	1.9	0.2
MZ9G22	270.0	-0.1	0.7	216.0	0.1	0.4	87.3	0.0	0.3	210.7	-0.4	0.3	70.3	0.1	0.5
NBNLUH	283.5	0.5	0.6	218.4	0.2	1.0	83.0	-0.3	1.3	227.2	0.3	0.6	67.1	-0.3	1.8
PH4UM8	273.9	0.1	4.1	248.7	1.5	4.8	96.7	0.6	3.1	255.8	1.5	4.5	75.4	0.8	2.8
PYTUMJ	242.0	-1.2	0.8	177.5	-1.5	0.3	81.7	-0.4	0.6	199.6	-0.8	0.7	66.5	-0.3	0.7
QWEUW3	292.4	0.9	0.2	228.3	0.6	0.4	90.0	0.2	0.7	240.9	0.9	0.6	71.3	0.3	0.5



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
R7ZBAA	229.7	-1.8	0.5	207.3	-0.3	0.4	84.0	-0.3	0.8	210.3	-0.4	0.8	69.3	0.0	0.9	
RXQTRC	247.0	-1.0		195.0	-0.8		74.0	-1.0		189.0	-1.2		57.0	-1.5		
UBNKNZ	219.0	-2.2	0.3	173.4	-1.7	0.2	69.5	-1.3	0.4	183.6	-1.5	0.1	54.4	-1.8	0.2	
VT7XMB	265.6	-0.2	0.9	213.4	0.0	0.1	98.3	0.8	0.3	231.0	0.5	0.0	70.6	0.2	0.2	
X78BW7	311.3	1.7	0.9	243.0	1.3	0.3	94.7	0.5	0.1	253.7	1.4	0.1	80.3	1.4	0.7	
YKZMHF	254.3	-0.7	0.5	198.7	-0.6	0.1	81.5	-0.4	0.5	204.3	-0.6	0.2	63.3	-0.7	0.7	
YWCTV4	283.6	0.5	0.3	209.3	-0.2	0.2	89.5	0.1	0.6	223.5	0.2	0.2	73.5	0.5	0.2	
Z4P4H3	280.3	0.4	1.1	239.7	1.1	0.6	102.0	1.0	0.9	250.7	1.3	0.4	81.3	1.5	0.7	
ZL949Y	234.9	-1.5	0.3	189.2	-1.0	0.4	84.5	-0.2	0.3	191.5	-1.1	0.7	68.0	-0.2	0.9	

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	271.6			213.5			87.7			219.4			69.2			
Median Abs Dev	11.9			11.7			6.0			15.4			4.4			
Avg Within Lab SD	9.1			8.9			3.9			11.2			2.9			
Labs Included	34			34			34			34			34			
Labs Reporting	35			35			35			35			35			



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

Data units: mg/kg

WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	246.7	-14.3X	0.0	190.7	-10.3X	0.1	76.7	-5.4X	0.0	200.0	-8.9X	0.0	59.2	-6.9X	0.0
2YPEEZ	4,057.1	-0.4	0.1	4,500.0	0.9	0.2	1,692.5	1.5	0.1	3,066.1	0.7	0.0	2,271.8	1.3	0.2
39VER9	3,915.3	-1.0	0.0	3,755.3	-1.0	0.0	1,250.7	-0.4	0.1	2,720.3	-0.5	0.0	1,682.7	-0.9	0.1
4728L3	4,136.7	-0.1	0.5	4,443.3	0.8	0.6	1,693.3	1.5	0.3	3,036.7	0.6	0.6	2,203.3	1.0	0.6
74PA6Q	4,086.0	-0.3	0.2	4,146.3	0.0	0.3	1,246.7	-0.4	0.1	2,739.3	-0.4	0.2	1,880.7	-0.2	0.3
7CJEYR	4,351.9	0.6	0.4	4,253.5	0.3	0.4	1,347.0	0.0	0.7	3,116.1	0.8	0.6	2,038.6	0.4	1.5
877VD4	3,766.7	-1.5	0.4	3,966.7	-0.5	0.4	1,033.3	-1.3	1.0	2,366.7	-1.7	0.5	1,533.3	-1.4	0.9
AJ7L2F	4,215.9	0.1	0.7	4,061.7	-0.2	0.4	1,335.7	0.0	0.1	3,062.9	0.7	0.3	1,894.4	-0.1	0.7
BW9AVU	4,477.1	1.1	0.8	5,068.0	2.4	0.5	1,186.6	-0.6	0.2	2,841.6	-0.1	0.1	1,909.8	0.0	0.1
C9XNC3	4,354.0	0.6		4,060.0	-0.2		1,309.0	-0.1		2,966.0	0.3		1,710.0	-0.8	
CQXFCJ	4,111.3	-0.2	0.4	4,129.3	0.0	0.5	1,332.0	0.0	0.7	2,866.7	0.0	0.4	1,882.0	-0.1	0.5
EJTHGB	3,877.3	-1.1	1.6	4,306.5	0.4	0.8	1,674.7	1.5	0.6	2,855.3	0.0	2.0	2,198.6	1.0	1.7
EPWF9N	4,021.7	-0.6	0.7	4,042.7	-0.3	0.9	1,184.5	-0.6	0.3	2,587.3	-0.9	0.2	1,768.8	-0.6	0.3
GQ2UM8	3,836.3	-1.2	1.5	3,949.0	-0.5	1.9	1,235.4	-0.4	1.8	2,835.5	-0.1	1.3	1,845.8	-0.3	2.7
GTRT8X	4,283.0	0.4	0.2	4,017.0	-0.3	0.6	1,256.7	-0.3	0.5	2,865.3	0.0	0.4	1,956.3	0.1	0.5
J3PF4M	4,171.0	0.0	0.2	4,718.6	1.5	0.5	1,696.2	1.5	0.0	3,107.7	0.8	0.1	2,242.8	1.2	0.6
JT4EMD	4,503.0	1.2	1.3	4,475.7	0.9	1.4	1,277.0	-0.3	1.0	3,108.0	0.8	1.4	2,159.0	0.9	1.9
KJ9TUK	4,177.1	0.0	0.8	4,321.2	0.5	0.5	1,354.4	0.1	0.5	3,073.1	0.7	0.3	1,922.2	0.0	0.4
M7ZRCY	4,255.3	0.3	1.2	4,413.0	0.7	1.2	1,711.3	1.6	1.1	3,084.3	0.7	0.1	2,205.3	1.0	0.3
MZ9G22	4,106.0	-0.3	0.4	4,382.3	0.6	0.2	1,368.7	0.1	0.9	2,800.3	-0.2	0.2	1,907.7	-0.1	0.7
NBNLUH	4,410.0	0.8	0.7	4,160.7	0.0	1.0	1,236.3	-0.4	0.6	3,002.0	0.5	0.4	1,949.2	0.1	0.9
PH4UM8	4,593.9	1.5	3.4	4,744.0	1.6	3.7	1,502.8	0.7	3.6	3,305.3	1.5	3.9	2,423.7	1.9	1.9
PYTUMJ	4,294.9	0.4	1.6	3,720.0	-1.1	0.2	1,480.9	0.6	1.1	2,689.4	-0.6	0.1	2,103.5	0.7	0.2
QWEUW3	4,409.1	0.8	0.1	4,386.3	0.6	0.3	1,389.0	0.2	0.5	3,221.5	1.2	0.3	2,137.0	0.8	0.7
R7ZBAA	4,209.7	0.1	0.2	3,915.0	-0.6	0.3	1,277.3	-0.2	0.4	2,811.7	-0.2	0.5	1,917.3	0.0	0.1
RXQTRC	4,005.0	-0.6		3,945.0	-0.5		189.0	-4.9X		2,511.0	-1.2		1,664.0	-1.0	



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
UBNKNZ	3,606.3	-2.1	0.2	3,580.3	-1.5	0.5	1,097.0	-1.0	0.5	2,492.3	-1.3	0.5	1,588.0	-1.2	0.6	
VT7XMB	4,077.7	-0.4	0.3	3,933.7	-0.6	0.2	1,504.7	0.7	0.3	3,276.3	1.4	0.6	2,071.7	0.6	0.0	
X78BW7	5,515.0	4.9X	0.6	6,788.3	6.9X	0.3	1,813.7	2.0	0.4	4,132.7	4.2X	0.2	2,773.7	3.1X	0.7	
YKZMHF	4,318.7	0.5	0.6	4,073.7	-0.2	0.2	1,280.0	-0.2	0.3	2,810.0	-0.2	0.4	1,864.0	-0.2	0.3	
Z4P4H3	4,477.3	1.1	0.5	4,491.7	0.9	1.1	1,543.0	0.9	1.7	3,339.7	1.6	1.3	2,387.0	1.7	1.2	

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	4,177.1			4,146.3			1,335.7			2,866.7			1,922.2			
Median Abs Dev	155.5			212.7			100.2			196.2			181.3			
Avg Within Lab SD	147.4			158.8			59.8			123.2			67.8			
Labs Included	29			29			29			29			29			
Labs Reporting	31			31			31			31			31			



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

Data units: mg/kg

WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	4,235.7	1.1	0.3	4,159.0	224.5X	5.3	1,170.8	37.0X	2.7	2,678.5	34.9X	1.7	1,790.0	42.3X	4.5
2YPEEZ	4,000.8	0.7	0.1	112.3	-0.5	0.0	203.0	1.5	0.4	562.6	0.6	0.2	289.1	0.6	0.2
39VER9	3,321.0	-0.7	0.0	108.7	-0.7	0.1	161.3	0.0	0.2	496.7	-0.5	0.1	235.3	-0.9	0.1
4728L3	3,480.0	-0.4	0.6	128.7	0.4	0.3	210.3	1.7	0.5	561.7	0.6	1.7	292.7	0.7	0.5
74PA6Q	3,485.3	-0.3	0.2	122.3	0.0	0.2	162.7	0.0	0.1	515.3	-0.2	0.1	272.7	0.2	0.4
7CJEYR	4,273.5	1.2	0.8	127.5	0.3	0.1	161.8	0.0	0.2	575.7	0.8	0.3	264.8	0.0	0.2
877VD4	3,163.3	-1.0	0.3	103.0	-1.1	0.2	126.7	-1.3	0.2	465.0	-1.0	0.3	223.3	-1.2	0.3
AJ7L2F	3,851.2	0.4	0.3	118.2	-0.2	0.2	163.6	0.0	0.2	573.0	0.8	0.1	253.5	-0.4	0.2
BW9AVU	3,651.0	0.0	0.6	116.0	-0.3	0.2	146.5	-0.6	0.6	500.9	-0.4	0.1	285.5	0.5	0.4
C9XNC3	3,822.1	0.3	0.0	117.8	-0.2	0.0	161.2	-0.1	0.0	532.5	0.1		234.8	-0.9	0.0
CQXFCJ	3,432.3	-0.4	0.4	125.0	0.2	0.8	169.0	0.2	0.4	525.3	0.0	0.8	257.7	-0.2	0.9
EJTHGB	2,847.2	-1.6	3.7	115.0	-0.4	0.8	185.7	0.8	1.3	502.0	-0.4	3.0	290.5	0.7	2.6
EPWF9N	3,506.4	-0.3	0.5	123.8	0.1	0.8	144.3	-0.7	0.3	467.2	-0.9	0.8	236.0	-0.8	0.2
GQ2UM8	4,046.5	0.7	3.0	124.0	0.1	1.5	151.8	-0.4	2.6	502.5	-0.4	1.4	252.2	-0.4	2.7
GTRT8X	3,635.7	0.0	0.3	120.9	-0.1	0.2	155.0	-0.3	0.3	520.3	-0.1	0.5	276.7	0.3	0.3
J3PF4M	3,671.8	0.0	0.3	131.2	0.5	0.1	219.7	2.1	0.1	580.8	0.9	0.2	326.5	1.7	0.6
JT4EMD	4,113.3	0.9	0.9	138.3	0.9	0.4	164.0	0.1	0.8	567.7	0.7	1.6	286.3	0.6	1.8
KJ9TUK	4,034.8	0.7	0.9	122.5	0.0	0.2	162.6	0.0	0.1	563.2	0.6	0.1	262.0	-0.1	0.2
M7ZRCY	3,324.3	-0.7	0.6	121.9	0.0	0.5	211.3	1.8	1.1	569.3	0.7	0.3	293.0	0.7	0.6
MZ9G22	3,265.7	-0.8	0.2	94.0	-1.6	0.5	127.7	-1.3	1.3	469.3	-0.9	1.2	241.7	-0.7	0.9
NBNLUH	3,985.4	0.6	0.8	116.1	-0.3	0.6	157.4	-0.2	0.8	563.9	0.6	0.7	261.2	-0.1	1.1
PH4UM8	3,734.0	0.1	0.6	157.1	1.9	2.7	193.5	1.1	3.3	598.8	1.2	2.1	291.1	0.7	2.5
PYTUMJ	3,535.1	-0.2	0.2	103.8	-1.0	0.3	151.6	-0.4	0.4	480.7	-0.7	0.0	272.1	0.2	0.0
QWEUW3	4,249.1	1.1	0.2	115.6	-0.4	0.1	165.5	0.1	0.6	598.5	1.2	0.8	281.6	0.4	0.5
R7ZBAA	3,026.7	-1.2	0.1	127.0	0.3	0.4	147.7	-0.5	0.9	520.3	-0.1	1.0	252.0	-0.4	0.9
RXQTRC	3,157.0	-1.0		165.0	2.4		57.0	-3.9X		433.0	-1.5		206.0	-1.7	



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
UBNKNZ	2,428.7	-2.4	0.3	106.0	-0.9	0.1	139.0	-0.9	0.7	465.7	-1.0	0.2	218.7	-1.3	0.3	
VT7XMB	3,965.3	0.6	0.1	138.0	0.9	0.1	182.3	0.7	0.2	610.2	1.4	0.1	267.8	0.0	0.3	
X78BW7	3,788.3	0.2	0.6	163.0	2.3	0.3	199.7	1.4	0.7	688.3	2.6X	0.4	345.0	2.2	0.2	
YKZMHF	4.4	-7.1X	0.0	119.0	-0.2	0.2	157.0	-0.2	0.1	523.3	0.0	0.3	258.3	-0.2	0.1	
Z4P4H3	3,939.7	0.5	0.7	158.7	2.0	4.0	192.0	1.1	1.4	611.0	1.4	0.8	316.0	1.4	0.4	

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	3,661.4			122.1			162.6			525.3			266.3			
Median Abs Dev	330.5			6.5			15.0			42.3			21.4			
Avg Within Lab SD	119.2			10.7			6.8			18.1			11.1			
Labs Included	30			30			29			29			30			
Labs Reporting	31			31			31			31			31			



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	3,646.0	146.1 X	11.9	134.2	23.0 X	7.7	145.7	8.7 X	1.5	481.8	119.6 X	4.2	248.3	27.5 X	2.1	
2YPEEZ	207.2	0.1	1.5	32.9	3.9 X	1.5	77.9	2.9 X	3.0	14.6	-0.1	2.4	48.6	0.5	0.8	
4728L3	196.7	-0.4	0.7	10.3	-0.4	0.3	54.3	0.9	0.6	14.7	0.0	0.6	47.3	0.3	0.8	
74PA6Q	205.5	0.0	0.4	12.1	0.0	0.1	42.1	-0.1	1.1	13.2	-0.4	0.1	43.4	-0.2	0.3	
7CJEYR	221.0	0.6	1.1	16.8	0.9	0.5	45.3	0.2	0.1	17.6	0.7	0.3	48.9	0.5	0.7	
877VD4	166.7	-1.7	1.1	11.7	-0.1	0.3	32.7	-0.9	0.3	12.3	-0.6	0.3	35.3	-1.3	0.6	
AJ7L2F	217.3	0.5	1.0	16.0	0.7	0.4	48.7	0.5	0.6	17.5	0.7	0.2	46.0	0.1	0.6	
BW9AVU	184.9	-0.9	0.6	2.8	-1.8	1.2	26.9	-1.4	1.7	1.6	-3.4 X	0.5	27.5	-2.4	1.0	
C9XNC3	209.9	0.2	0.0	12.4	0.0	0.0	42.9	0.0	0.0	13.9	-0.2	0.0	43.3	-0.3	0.0	
CQXFCJ	206.0	0.0	1.0	12.0	0.0	1.2	44.0	0.0	0.5	14.3	-0.1	0.8	49.0	0.5	2.4	
EJTHGB	189.9	-0.7	1.7	9.7	-0.5	1.1	63.3	1.7	2.3	16.9	0.5	0.9	49.0	0.5	0.3	
EPWF9N	192.1	-0.6	1.1	18.7	1.2	3.3	38.2	-0.4	1.2	13.8	-0.2	0.7	39.9	-0.7	0.7	
GTRT8X	197.2	-0.4	0.6	21.5	1.7	1.5	48.8	0.5	0.6	23.5	2.2	1.0	51.9	0.9	0.2	
J3PF4M	193.5	-0.5	0.0	10.3	-0.4	0.4	53.4	0.9	0.3	11.9	-0.8	0.2	45.7	0.1	0.1	
JT4EMD	216.0	0.4	1.7	13.3	0.2	0.3	42.3	-0.1	1.3	15.3	0.1	0.6	44.7	-0.1	2.0	
KJ9TUK	212.0	0.3	0.6	14.7	0.5	0.1	44.8	0.1	0.2	17.0	0.5	0.3	44.1	-0.1	0.2	
M7ZRCY	213.0	0.3	0.9	11.9	-0.1	0.2	59.4	1.4	1.3	15.0	0.0	0.3	49.3	0.6	0.5	
NBNLUH	182.9	-1.0	1.6	11.0	-0.2	0.8	39.8	-0.3	0.7	15.0	0.0	1.1	39.7	-0.7	1.0	
QWEUW3	214.4	0.4	0.2	5.0	-1.4	0.1	37.7	-0.5	0.6	8.5	-1.6	0.1	39.9	-0.7	0.4	
R7ZBAA	102.3	-4.4	0.3	19.0	1.3	0.6	31.0	-1.1	1.1	22.0	1.8	1.4	36.0	-1.2	2.4	
UBNKNZ	76.7	-5.5 X	0.5	8.7	-0.7	0.1	18.7	-2.1	0.3	9.7	-1.3	0.1	19.3	-3.5 X	0.5	
X78BW7	214.0	0.4	0.2	22.3	1.9	0.3	52.7	0.8	1.1	22.0	1.8	1.4	55.0	1.3	0.5	
YKZMHF	193.0	-0.5	0.5	12.6	0.1	0.5	41.5	-0.2	0.1	14.4	-0.1	0.4	41.8	-0.5	0.3	
Z4P4H3	223.3	0.7	1.8	16.7	0.8	1.5	53.0	0.8	1.6	17.7	0.7	2.6	54.7	1.3	0.8	



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	205.7	12.3	43.5	14.8	45.2	
Median Abs Dev	10.9	2.5	5.6	2.1	3.8	
Avg Within Lab SD	5.3	1.7	1.9	1.8	1.9	
Labs Included	22	22	22	22	22	
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	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2YPEEZ	16.0	-0.5	0.2	27.8	-0.1	0.3	43.0	0.7	0.2	20.4	-0.4	0.2	92.1	0.4	1.0
39VER9	18.3	0.0	0.1	27.0	-0.3	0.1	34.7	-0.4	0.1	20.1	-0.5	0.1	70.8	-0.9	0.1
4728L3	19.7	0.3	0.5	31.3	0.7	0.4	45.0	1.0	0.6	24.3	0.4	1.5	93.0	0.5	0.4
74PA6Q	59.7	8.8X	0.4	27.8	-0.1	0.3	34.3	-0.5	0.2	31.6	2.0	0.3	68.5	-1.1	0.8
7CJEYR	17.3	-0.2	0.1	28.5	0.1	0.2	36.5	-0.2	1.1	22.5	0.0	0.6	91.4	0.4	0.7
877VD4	14.0	-0.9		21.3	-1.6	0.4	25.7	-1.7	0.4	15.0	-1.6		57.3	-1.8	0.5
AJ7L2F	19.1	0.2	0.2	34.2	1.4	0.5	41.2	0.5	0.2	24.5	0.5	0.8	80.5	-0.3	0.6
BW9AVU	83.8	14.0X	3.4	95.2	15.2X	1.1	37.8	0.0	3.4	51.3	6.3X	4.3	88.3	0.2	1.3
C9XNC3	19.9	0.3	0.0	22.6	-1.3	0.0	36.7	-0.2	0.0	21.7	-0.2	0.0	60.9	-1.5	0.0
EJTHGB	27.0	1.9	1.6	33.5	1.2	2.2	50.8	1.8	2.3	29.9	1.6	2.0	95.8	0.6	1.3
EPWF9N	18.0	-0.1	0.8	27.1	-0.2	0.3	30.6	-1.0	0.6	18.3	-0.9	0.3	73.4	-0.8	0.5
GTRT8X	16.7	-0.3	0.4	26.8	-0.3	0.4	34.3	-0.5	0.2	20.7	-0.4	0.3	89.1	0.2	0.3
J3PF4M	8.6	-2.1	1.5	23.8	-1.0	0.9	40.3	0.3	0.8	13.9	-1.8	0.6	85.5	0.0	1.2
JT4EMD	23.3	1.1	1.4	31.0	0.6		40.7	0.4	0.7	26.3	0.8	0.5	87.7	0.1	0.7
KJ9TUK	17.4	-0.2	0.1	30.2	0.5	0.4	36.4	-0.2	0.6	23.1	0.2	0.6	84.1	-0.1	0.6
M7ZRCY	18.5	0.0	0.3	29.0	0.2	0.9	49.7	1.6	0.7	21.7	-0.2	0.6	93.7	0.5	0.3
NBNLUH	28.7	2.2	1.6	36.3	1.8	3.1	25.4	-1.7	0.8	26.7	0.9	2.9	54.2	-2.0	1.1
PH4UM8	18.3	0.0	1.1	27.0	-0.3	0.6	35.2	-0.4	0.5	21.5	-0.2	0.2	83.5	-0.1	0.6
PYTUMJ	21.6	0.7	0.1	33.8	1.3	0.2	42.7	0.7	0.8	26.2	0.8	0.7	94.2	0.5	0.9
QWEUW3	8.6	-2.1	2.9	27.6	-0.1	0.2	38.0	0.0	0.4	20.5	-0.4	0.5	89.6	0.3	0.6
R7ZBAA	22.7	0.9	1.1	26.3	-0.4	2.5	32.3	-0.7	1.5	25.3	0.6	2.2	69.0	-1.0	0.7
UBNKNZ	11.0	-1.6	0.9	16.7	-2.6	0.4	23.7	-1.9	0.4	13.7	-1.9	0.5	59.3	-1.6	0.8
VT7XMB	21.1	0.6	0.5	29.8	0.4	0.1	38.2	0.1	0.0	23.7	0.3	0.0	80.8	-0.3	0.4
X78BW7	17.0	-0.3		30.0	0.4	0.7	40.0	0.3	0.6	23.0	0.1		99.7	0.9	0.6
Y73BCW	17.0	-0.3	0.4	27.0	-0.3	0.6	46.5	1.2	0.5	24.6	0.5	0.6	95.6	0.6	0.5
YKZMHF	19.0	0.1	0.4	29.8	0.4	0.2	37.2	-0.1	0.4	21.0	-0.3	0.4	77.2	-0.5	0.8



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
SRS1901				SRS1902			SRS1903			SRS1904			SRS1905			
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	
Z4P4H3	18.3	0.0	0.5	28.7	0.1	0.4	40.0	0.3	1.1	22.3	0.0	0.5	100.0	0.9	3.6	

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg			
SRS1901		SRS1902		SRS1903		SRS1904		SRS1905	
Grand Median	18.3	28.2	37.8	22.4	85.5				
Median Abs Dev	1.6	1.7	3.4	2.1	8.3				
Avg Within Lab SD	1.1	1.5	1.6	1.1	4.1				
Labs Included	25	26	27	26	27				
Labs Reporting	27	27	27	27	27				



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Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2YPEEZ	508.7	-0.1	0.3	591.3	0.2	1.2	1,086.6	1.0	0.3	810.4	0.3	0.2	480.2	0.8	0.4	
4728L3	503.3	-0.2	1.1	578.7	0.0	0.7	1,000.0	0.4	0.3	771.0	-0.1	0.8	420.0	-0.2	0.8	
74PA6Q	541.3	0.6	0.5	610.7	0.5	0.6	958.7	0.1	0.8	892.0	1.2	0.2	473.0	0.6	0.1	
7CJEYR	536.5	0.5	0.9	564.9	-0.2	1.0	922.4	-0.2	0.5	788.1	0.1	0.4	445.2	0.2	0.5	
877VD4	448.3	-1.4	0.2	469.3	-1.8	0.1	727.7	-1.5	0.2	650.0	-1.5		334.7	-1.6	0.3	
AJ7L2F	514.0	0.0	0.4	590.5	0.2	0.8	935.0	-0.1	1.2	779.0	-0.1	0.2	422.0	-0.2	0.2	
EJTHGB	411.0	-2.2	2.1	493.0	-1.4	2.0	900.4	-0.3	1.8	711.8	-0.8	2.4	421.9	-0.2	2.6	
EPWF9N	485.0	-0.6	0.2	529.6	-0.8	0.8	814.0	-0.9	0.0	683.5	-1.1	0.4	384.5	-0.8	0.3	
F8REPM	293.5	-4.6X	0.4	295.0	-4.7X	0.1	594.8	-2.5	0.2	744.0	-0.4	0.4	320.2	-1.8	0.1	
JT4EMD	544.0	0.6	1.4	579.7	0.0	1.8	973.3	0.2	1.5	869.7	1.0	1.3	466.0	0.5	1.7	
KJ9TUK	557.7	0.9	1.1	634.3	0.9	0.9	958.3	0.1	1.0	817.8	0.4	0.4	467.6	0.6	0.2	
M7ZRCY	488.3	-0.5	1.0	656.5	1.3	0.7	1,157.7	1.5	1.6	855.9	0.8	0.2	497.0	1.0	1.4	
PH4UM8	545.9	0.7	1.8	621.9	0.7	1.3	1,027.5	0.6	2.0	877.6	1.1	2.4	463.0	0.5	1.6	
QWEUW3	544.0	0.6	0.2	638.6	1.0	0.3	1,002.0	0.4	0.6	868.8	1.0	0.6	461.2	0.4	0.3	
R7ZBAA	459.0	-1.2	0.4	534.3	-0.8	0.3	810.0	-1.0	0.3	719.3	-0.7	0.1	372.3	-1.0	0.3	
YKZMHF	517.7	0.1	0.4	565.0	-0.2	0.2	932.0	-0.1	0.1	765.7	-0.2	0.1	413.0	-0.3	0.4	

Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	514.0			579.7			946.6			783.6			433.6			
Median Abs Dev	29.0			42.2			54.3			68.0			33.2			
Avg Within Lab SD	13.8			15.3			31.3			35.3			14.8			
Labs Included	15			15			16			16			16			
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	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2YPEEZ	3.6	-0.4	0.3	10.6	0.3	0.2	2.4	0.5	0.3	3.7	-0.3	0.1	2.3	0.0	0.0	
39VER9	4.1	0.9	0.2	10.8	0.4	0.2	1.9	-0.9	0.2	3.9	0.3	0.2	2.1	-0.6	0.1	
4728L3	3.6	-0.3	0.6	12.0	1.3	3.2	2.3	0.2	0.0	4.1	0.8	0.4	2.4	0.3	0.0	
74PA6Q	4.0	0.6	0.4	11.4	0.9	0.6	2.2	-0.2	0.4	4.2	1.1	0.4	2.2	-0.2	0.4	
7CJEYR	4.3	1.5	0.2	9.9	-0.2	0.2	2.2	0.0	0.3	4.1	0.7	0.1	2.6	1.1	0.5	
877VD4	2.8	-2.2	0.4	7.7	-1.9	0.4	1.3	-2.7	0.0	2.7	-3.2	0.2	1.5	-2.7		
AJ7L2F	4.4	1.6	0.8	9.9	-0.2	0.2	2.2	0.0	0.3	4.0	0.5	0.2	2.3	-0.1	0.1	
BW9AVU	0.8	-6.9X	0.7	5.5	-3.5X	0.5	0.2	-6.1X	0.4	0.3	-9.9X	0.2	0.1	-7.5X	0.1	
C9XNC3	4.0	0.6	0.0	9.6	-0.5	0.0	2.0	-0.6	0.0	3.6	-0.6	0.0	2.1	-0.6	0.0	
EJTHGB	16.1	29.1X	5.6	0.2	-7.4X	2.2	7.5	15.6X	5.0	3.4	-1.2	3.3	22.2	67.9X	1.8	
EPWF9N	3.6	-0.3	1.3	9.6	-0.4	0.4	1.9	-1.0	1.0	3.5	-1.0	1.9	2.1	-0.7	1.0	
GTRT8X	3.5	-0.5	0.4	9.7	-0.4	0.1	1.9	-0.8	0.2	3.7	-0.4	0.3	2.1	-0.8	0.4	
J3PF4M	3.5	-0.4	0.3	10.4	0.1	0.3	2.7	1.3	0.4	3.9	0.2	0.2	2.7	1.4	0.6	
JT4EMD	3.9	0.5	0.8	10.5	0.2	0.5	2.3	0.1	0.7	3.8	0.0	0.7	2.3	0.1	0.7	
KJ9TUK	4.2	1.1	0.3	10.1	-0.1	0.1	2.1	-0.3	0.1	3.8	0.1	0.0	2.3	-0.1	0.2	
M7ZRCY	3.3	-0.9	0.7	11.0	0.6	0.8	2.6	1.1	1.0	3.9	0.2	0.0	2.5	0.6	0.2	
NBNLUH	3.8	0.2	2.2	10.1	-0.1	0.8	1.9	-0.9	0.6	3.7	-0.2	0.7	2.2	-0.3	1.6	
PH4UM8	3.5	-0.6	3.1	11.4	0.9	2.4	2.6	1.1	3.2	4.2	0.9	2.0	2.6	1.1	3.5	
PYTUMJ	3.6	-0.1	0.7	8.6	-1.2	0.5	1.8	-1.2	0.4	3.6	-0.7	1.3	2.4	0.3	0.4	
QWEUW3	3.7	0.1	0.1	11.6	1.0	0.5	2.3	0.2	0.4	4.2	1.1	0.3	2.4	0.4	0.3	
R7ZBAA	3.5	-0.5	0.6	7.0	-2.4	1.9	2.6	1.0	2.7	3.5	-0.8	1.0	2.9	2.2	1.0	
UBNKNZ	1.2	-5.8X	0.4	7.4	-2.1	0.4	0.1	-6.2X	0.4	1.6	-6.2X	1.1	0.3	-6.9X	0.4	
VT7XMB	3.7	0.0	1.0	10.5	0.2	0.2	2.0	-0.6	0.3	3.7	-0.4	0.3	2.2	-0.5	0.3	
X78BW7	3.4	-0.7	0.6	10.4	0.1	0.4	2.2	-0.1	0.0	3.8	-0.1	0.0	2.3	0.0	0.6	
YKZMHF	4.1	0.9	0.4	10.0	-0.2	0.6	2.3	0.2	0.7	3.8	0.0	0.4	2.4	0.4	1.0	
Z4P4H3	3.9	0.5	1.3	11.0	0.6	0.6	2.4	0.4	1.0	4.3	1.4	0.8	2.6	1.0	1.3	



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	3.71	10.2	2.22	3.82	2.30	
Median Abs Dev	0.23	0.6	0.20	0.18	0.15	
Avg Within Lab SD	0.16	0.5	0.15	0.25	0.16	
Labs Included	23	24	23	24	23	
Labs Reporting	26	26	26	26	26	



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2YPEEZ	178.4	-0.8	0.2	14.1	-1.2	0.5	88.7	0.5	0.3	37.1	-0.9	0.3	245.2	-0.8	0.1
39VER9	197.3	-0.4	0.2	14.6	-1.0	0.4	62.5	-1.7	0.1	44.7	0.5	0.1	139.7	-3.0X	0.1
4728L3	233.0	0.3	0.7	18.0	0.0	1.1	97.0	1.2	0.3	44.7	0.5	1.6	278.7	-0.1	0.4
74PA6Q	218.5	0.0	0.2	19.2	0.3	0.4	80.7	-0.2	0.3	39.3	-0.5	0.1	286.9	0.1	0.6
7CJEYR	278.1	1.1	2.5	18.5	0.1	0.2	83.9	0.1	1.7	43.4	0.3	1.1	303.6	0.4	2.9
877VD4	140.0	-1.5		12.0	-1.8		57.3	-2.2	0.4	29.7	-2.3	0.4	180.0	-2.1	0.5
AJ7L2F	269.5	1.0	0.6	20.7	0.8	1.4	84.5	0.2	1.5	43.3	0.3	0.4	288.9	0.1	0.7
BW9AVU	226.4	0.1	0.4	16.2	-0.6	0.7	82.2	0.0	0.3	39.6	-0.4	0.2	313.8	0.6	0.4
C9XNC3	295.8	1.5	0.0	19.0	0.3		85.4	0.2	0.0	42.9	0.2	0.0	312.3	0.6	0.0
EJTHGB	161.9	-1.1	1.4	9.3	-2.7	3.0	80.9	-0.2	2.2	31.8	-1.9	3.4	223.4	-1.2	1.4
EPWF9N	194.3	-0.5	0.8	16.1	-0.6	0.3	69.9	-1.1	0.6	35.0	-1.3	0.8	244.9	-0.8	0.5
GTRT8X	198.8	-0.4	0.2	17.2	-0.3	0.5	73.5	-0.8	0.7	37.3	-0.9	1.1	203.5	-1.7	0.4
J3PF4M	266.8	0.9	0.6	27.0	2.7X	2.6	104.8	1.9	0.2	43.7	0.3	0.2	328.4	0.9	0.4
JT4EMD	229.3	0.2	0.5	21.0	0.9		81.3	-0.1	0.7	41.3	-0.1	1.0	284.0	0.0	0.3
KJ9TUK	244.4	0.5	0.3	18.4	0.1	0.3	82.5	0.0	1.2	42.0	0.0	0.5	290.4	0.1	0.1
M7ZRCY	220.1	0.0	1.1	18.6	0.2	0.6	103.3	1.8	1.5	41.8	0.0	0.1	311.6	0.6	0.5
NBNLUH	261.0	0.8	1.5	18.1	0.0	0.6	83.0	0.0	0.2	44.8	0.5	0.6	306.5	0.5	0.2
PH4UM8	229.5	0.2	3.1	20.0	0.6	1.9	85.8	0.3	2.0	48.7	1.3	2.0	303.3	0.4	3.2
PYTUMJ	155.7	-1.2	0.5	16.5	-0.5	0.3	69.0	-1.2	0.5	37.1	-0.9	0.3	207.0	-1.6	0.7
QWEUW3	255.0	0.7	0.3	21.2	0.9	0.2	93.1	0.9	0.7	47.1	1.0	0.7	308.5	0.5	0.4
R7ZBAA	194.3	-0.5	0.4	17.0	-0.3	1.1	76.0	-0.6	1.4	41.7	0.0	1.3	254.3	-0.6	0.6
UBNKNZ	152.0	-1.3	0.4	12.1	-1.8	0.2	63.7	-1.6	1.0	32.3	-1.8	0.4	224.3	-1.2	0.3
VT7XMB	211.3	-0.2	0.5	19.8	0.5	0.3	82.9	0.0	0.3	46.3	0.8	0.1	261.9	-0.5	0.2
X78BW7	183.0	-0.7	0.1	20.0	0.6		89.7	0.6	0.2	44.3	0.4	0.4	269.7	-0.3	0.2
YKZMHF	267.7	0.9	0.2	19.5	0.4	0.5	82.3	0.0	0.4	41.1	-0.2	0.1	296.0	0.2	0.2
Z4P4H3	167.7	-1.0	0.5	16.7	-0.4	1.2	83.0	0.0	1.6	43.3	0.3	0.4	237.0	-1.0	1.1



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups

Data units: mg/kg

	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905
Grand Median	219.3	18.1	82.7	41.9	284.0
Median Abs Dev	36.0	1.7	4.6	2.7	27.6
Avg Within Lab SD	8.7	0.9	3.1	1.6	10.4
Labs Included	26	25	26	26	25
Labs Reporting	26	26	26	26	26



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2YPEEZ	182.6	-0.3	0.5	214.5	-0.2	0.9	359.3	-0.1	0.4	244.5	-0.2	0.3	264.0	0.0	0.3	
39VER9	184.0	-0.3	0.2	221.0	0.0	0.2	331.7	-0.5	0.1	252.3	0.0	0.2	261.3	0.0	0.2	
4728L3	181.7	-0.3	0.8	220.3	0.0	1.1	335.3	-0.4	0.6	243.3	-0.3	1.2	247.7	-0.5	0.3	
74PA6Q	203.5	0.4	0.3	236.8	0.6	0.7	398.3	0.6	0.5	288.1	1.2	0.3	292.4	0.9	0.4	
7CJEYR	208.4	0.6	0.4	231.2	0.4	0.5	394.4	0.5	0.7	257.7	0.2	0.9	280.3	0.6	1.4	
877VD4	159.7	-1.1	0.3	182.3	-1.5	0.4	288.7	-1.2	0.1	227.3	-0.8	0.3	224.0	-1.2	0.5	
AJ7L2F	197.6	0.2	0.4	241.1	0.8	1.0	409.1	0.7	0.7	264.5	0.4	0.3	277.9	0.5	0.5	
BW9AVU	188.7	-0.1	0.7	206.5	-0.5	1.4	383.0	0.3	0.1	283.3	1.0	0.5	272.6	0.3	0.2	
C9XNC3	233.8	1.5	0.0	225.6	0.2	0.0	430.1	1.1	0.0	272.0	0.7		301.3	1.2	0.0	
EJTHGB	143.6	-1.7	1.3	186.4	-1.3	2.4	299.0	-1.0	2.6	230.5	-0.7	3.4	234.4	-0.9	2.4	
EPWF9N	197.9	0.2	0.7	213.3	-0.3	0.7	349.5	-0.2	0.4	233.2	-0.6	0.2	260.4	-0.1	0.2	
GTRT8X	138.9	-1.9	0.9	190.9	-1.1	1.2	274.0	-1.4	0.6	238.1	-0.5	1.1	232.0	-1.0	0.1	
J3PF4M	217.3	0.9	0.6	268.3	1.8	2.1	452.8	1.4	1.2	295.2	1.4	0.1	323.7	1.9	1.1	
JT4EMD	210.7	0.7	0.5	243.7	0.9	0.8	431.3	1.1	1.2	302.3	1.6	1.4	298.0	1.1	1.0	
KJ9TUK	197.7	0.2	0.4	228.8	0.3	0.9	366.4	0.1	0.3	247.0	-0.2	0.4	259.8	-0.1	0.3	
M7ZRCY	197.6	0.2	0.2	261.0	1.6	1.1	436.8	1.2	1.8	273.9	0.7	0.3	296.4	1.1	1.1	
NBNLUH	184.3	-0.2	0.8	214.1	-0.3	0.5	350.8	-0.2	1.3	249.2	-0.1	1.3	256.7	-0.2	0.6	
PH4UM8	229.7	1.4	4.4	250.6	1.2	1.1	393.2	0.5	2.0	308.7	1.8	1.5	314.0	1.6	2.6	
PYTUMJ	164.1	-1.0	0.5	202.2	-0.7	1.3	330.4	-0.5	0.8	248.8	-0.1	0.1	260.1	-0.1	0.5	
QWEUW3	201.5	0.4	0.2	256.1	1.4	0.5	444.6	1.3	0.9	302.8	1.7	1.0	303.9	1.3	0.1	
R7ZBAA	180.3	-0.4	0.2	213.3	-0.3	0.8	320.3	-0.7	0.9	237.0	-0.5	0.6	234.7	-0.9	0.8	
UBNKNZ	157.7	-1.2	0.3	202.0	-0.7	0.3	328.3	-0.5	0.4	235.3	-0.5	0.4	249.3	-0.4	0.2	
VT7XMB	162.0	-1.1	0.2	207.8	-0.5	0.1	326.8	-0.6	0.8	241.7	-0.3	0.2	244.7	-0.6	0.5	
X78BW7	193.7	0.1	0.1	230.0	0.4	0.3	406.7	0.7	0.3	310.3	1.9	0.1	290.7	0.9	0.6	
YKZMHF	199.0	0.3	0.4	225.7	0.2	0.3	394.7	0.5	0.8	255.3	0.1	0.4	264.7	0.1	0.2	
Z4P4H3	175.0	-0.6	0.4	211.3	-0.4	1.0	329.0	-0.5	1.0	251.7	0.0	1.3	261.7	0.0	2.3	



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	191.2	220.7	362.9	252.0	262.8	
Median Abs Dev	11.6	13.5	35.0	15.8	17.8	
Avg Within Lab SD	7.4	5.3	10.4	8.7	7.0	
Labs Included	26	26	26	26	26	
Labs Reporting	26	26	26	26	26	



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2YPEEZ	6.44	-0.51	0.23	3.72	0.02	0.18	2.85	0.62	0.18	4.47	-0.48	0.14	1.52	0.00	0.10	
39VER9	6.66	-0.23	0.17	3.57	-0.37	0.10	2.22	-0.70	0.18	4.39	-0.64	0.04	1.29	-0.89	0.21	
4728L3	6.50	-0.43	0.39	4.07	0.90	0.81	3.23	1.42	0.40	4.77	0.09	0.21	1.87	1.35	0.52	
74PA6Q	6.75	-0.10	1.09	3.71	-0.02	0.20	2.66	0.22	0.25	4.65	-0.13	0.92	1.56	0.17	0.24	
7CJEYR	8.00	1.52	0.97	3.68	-0.09	0.25	2.49	-0.14	0.26	4.81	0.17	0.03	1.57	0.22	0.53	
877VD4	5.60	-1.60	0.00	2.87	-2.17	0.22	1.73	-1.72	0.40	3.63	-2.12	0.21	1.03	-1.86	0.52	
AJ7L2F	7.50	0.88	0.26	3.86	0.36	0.16	2.55	-0.02	0.66	4.72	0.00	0.38	1.49	-0.10	0.44	
BW9AVU	7.95	1.46	1.44	3.89	0.45	0.58	2.79	0.49	0.25	5.09	0.71	0.06	1.82	1.15	0.23	
C9XNC3	7.30	0.61	0.00	3.44	-0.70	0.00	2.37	-0.39	0.00	4.26	-0.90	0.00	1.45	-0.26	0.00	
EJTHGB	5.72	-1.44	1.97	2.79	-2.37	0.69	2.63	0.16	2.28	4.03	-1.35	1.36	1.39	-0.48	3.12	
EPWF9N	6.86	0.04	0.39	3.61	-0.26	0.54	2.19	-0.77	0.07	3.97	-1.47	0.39	1.32	-0.77	0.37	
GTRT8X	6.42	-0.54	0.31	3.59	-0.31	0.31	1.95	-1.27	0.42	4.42	-0.59	0.66	1.31	-0.81	0.73	
J3PF4M	7.21	0.50	0.26	4.08	0.93	0.48	3.13	1.20	0.27	4.88	0.30	0.19	1.59	0.30	0.39	
JT4EMD	7.80	1.26	0.75	4.00	0.74	0.41	2.56	0.02	0.81	5.01	0.55	0.84	1.65	0.53	0.57	
KJ9TUK	7.37	0.70	0.33	3.81	0.24	0.28	2.50	-0.12	0.39	4.57	-0.29	0.21	1.52	0.01	0.17	
M7ZRCY	6.51	-0.42	0.85	3.93	0.55	0.46	3.04	1.02	0.95	4.72	0.00	0.06	1.60	0.32	0.09	
NBNLUH	5.70	-1.47	1.91	2.70	-2.58	0.04	1.71	-1.77	0.27	3.48	-2.42	0.38	1.00	-1.98	0.59	
PH4UM8	7.08	0.32	2.93	3.69	-0.07	0.48	2.59	0.07	1.47	4.91	0.37	1.47	1.63	0.45	3.01	
PYTUMJ	6.56	-0.36	1.10	3.20	-1.32	0.65	1.95	-1.27	1.54	4.33	-0.76	0.76	1.27	-0.96	0.65	
QWEUW3	8.10	1.66	0.09	4.24	1.34	0.36	2.82	0.55	0.56	5.48	1.48	0.55	1.79	1.04	0.51	
R7ZBAA	7.10	0.35	0.39	3.77	0.13	0.22	2.43	-0.26	0.40	4.73	0.02	0.43	1.40	-0.45	0.90	
UBNKNZ	10.33	4.56X	13.55	3.90	0.47	4.70	1.57	-2.07	3.51	5.23	1.00	4.14	0.30	-4.69X	0.90	
VT7XMB	6.83	0.00	0.44	3.68	-0.10	0.04	2.52	-0.08	0.45	4.74	0.03	0.25	1.41	-0.40	0.05	
X78BW7	6.73	-0.13	0.22	3.73	0.05	0.22	2.60	0.09	0.00	5.00	0.54		1.40	-0.45	0.00	
YKZMHF	6.74	-0.12	0.12	3.68	-0.08	0.15	2.81	0.54	0.15	4.50	-0.43	0.21	1.67	0.58	0.26	
Z4P4H3	7.00	0.22	1.02	4.07	0.90	0.45	2.83	0.58	0.40	5.07	0.67	0.21	1.87	1.35	1.38	



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	6.83	3.72	2.56	4.72	1.52	
Median Abs Dev	0.38	0.16	0.26	0.28	0.12	
Avg Within Lab SD	0.26	0.26	0.14	0.27	0.11	
Labs Included	25	26	26	26	25	
Labs Reporting	26	26	26	26	26	



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2YPEEZ	2.88	-0.15	0.18	1.35	0.00	0.03	0.58	-0.48	0.04	0.78	-0.03	0.09	0.36	-0.36	0.00	
4728L3	2.17	-1.27	0.34	0.73	-2.38	0.28	0.10	-2.24	0.00	0.27	-1.97	0.46	0.10	-1.55	0.00	
74PA6Q	2.37	-0.95	0.28	1.13	-0.83	0.12	0.84	0.45	0.11	0.86	0.28	0.20	0.58	0.65	0.37	
7CJEYR	3.35	0.57	0.19	1.41	0.25	0.22	0.57	-0.51	0.04	0.79	0.00	0.29	0.41	-0.13	0.24	
877VD4	2.20	-1.22	0.00	1.10	-0.96	0.00	0.66	-0.21	0.02	0.74	-0.18	0.05	0.47	0.13	0.81	
AJ7L2F	3.01	0.04	0.13	1.23	-0.44	0.11	0.50	-0.79	0.05	0.75	-0.16	0.24	0.36	-0.37	0.16	
BW9AVU	3.69	1.12	3.15	1.51	0.63	3.95	1.36	2.35	0.80	1.53	2.77	1.37	1.31	3.97X	8.57	
C9XNC3	3.43	0.70	0.00	1.36	0.05	0.00	0.62	-0.34	0.00	0.82	0.11	0.00	0.38	-0.27	0.00	
EJTHGB	2.30	-1.06	1.67	0.94	-1.59	1.35	0.93	0.78	1.44	0.73	-0.23	4.03	0.78	1.55	3.66	
EPWF9N	3.29	0.48	1.75	1.16	-0.74	1.60	0.71	0.00	1.32	0.99	0.77	0.68	0.28	-0.71	0.99	
F8REPM	1.51	-2.30	1.70	1.43	0.34	0.52	0.83	0.44	4.04	1.54	2.81	0.44	0.55	0.49	0.56	
GTRT8X	3.03	0.08	0.39	1.36	0.06	0.48	0.76	0.18	0.19	0.85	0.21	0.37	0.52	0.36	0.84	
KJ9TUK	2.95	-0.04	0.09	1.25	-0.38	0.09	0.52	-0.71	0.09	0.76	-0.10	0.16	0.39	-0.22	0.52	
NBNLUH	2.13	-1.33	0.65	1.05	-1.14	0.16	0.72	0.01	0.16	0.76	-0.13	0.41	0.50	0.28	0.75	
PYTUMJ	3.05	0.10	0.42	1.37	0.09	0.09	0.74	0.10	0.11	0.97	0.67	0.20	0.59	0.70	0.09	
QWEUW3	3.42	0.68	0.13	1.36	0.06	0.05	0.40	-1.16	0.06	0.77	-0.09	0.12	0.20	-1.09	0.29	
R7ZBAA	2.80	-0.28	0.30	1.38	0.12	0.20	0.73	0.07	0.20	0.87	0.29	0.46	0.49	0.25	0.93	
UBNKNZ	0.73	-3.51X	0.34	2.87	5.90X	1.98	3.87	11.53X	2.09	3.57	10.45X	4.00	4.07	16.57X	7.03	
VT7XMB	2.94	-0.06	0.24	1.32	-0.12	0.42	0.56	-0.55	0.02	0.74	-0.18	0.05	0.37	-0.31	0.00	
X78BW7	3.50	0.81		1.90	2.15	0.00	1.13	1.54	0.20	1.30	1.92	0.79	0.90	2.11	0.00	
YKZMHF	2.98	0.00	0.16	1.22	-0.48	0.35	0.46	-0.94	0.09	0.76	-0.11	0.14	0.24	-0.92	1.13	
Z4P4H3	3.57	0.92	0.34	1.70	1.37	0.00	0.80	0.32	0.00	1.10	1.17	0.79	0.67	1.04	0.81	



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	2.98	1.35	0.71	0.79	0.44	
Median Abs Dev	0.44	0.11	0.13	0.06	0.10	
Avg Within Lab SD	0.17	0.20	0.29	0.13	0.07	
Labs Included	21	21	21	21	20	
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	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	1.16	0.47	0.19	4.67	1.08	0.17	1.18	1.06	0.11	2.06	1.30	0.13	0.81	0.56	0.00	
2JFLQX	0.77	-1.77	0.94	3.10	-0.56	0.37	0.60	-1.43	0.00	1.18	-1.87	1.38	0.50	-1.30		
2XUQZC	1.02	-0.33	0.38	4.12	0.50	0.31	0.96	0.11	0.60	1.64	-0.19	0.32	0.77	0.34	0.25	
39VER9	0.95	-0.70	0.09	3.02	-0.65	0.07	0.59	-1.48	0.50	1.39	-1.12	0.22	0.51	-1.22	0.29	
49T7ZZ	1.03	-0.26	0.24	4.66	1.07	0.31	1.09	0.68	0.95	1.73	0.11	0.56	0.94	1.31	0.20	
74PA6Q	3.56	14.25X	7.01	5.61	2.07	0.87	2.33	5.96X	3.38	2.40	2.52X	1.56	1.54	4.95X	4.49	
7QMJNR	1.22	0.85	0.38	3.58	-0.06	0.52	0.95	0.06	2.06	1.94	0.88	0.15	0.70	-0.08	0.39	
7YCBUW	1.06	-0.09	0.16	5.10	1.53	0.37	1.00	0.28	1.99	1.95	0.91	0.44	0.89	1.04	0.25	
86YJV3	1.17	0.52	0.47	4.03	0.42	0.21	0.97	0.14	0.57	1.88	0.67	0.25	0.81	0.54	0.29	
8UBURM	0.80	-1.58	0.00	2.40	-1.30	0.00	0.50	-1.85		1.20	-1.79	0.00	0.50	-1.30		
CAB3ZC	1.07	-0.01	0.41	4.14	0.52	4.75	1.04	0.43	0.90	2.07	1.36	0.50	0.99	1.62	0.53	
CBNPHQ	1.13	0.33	0.94	3.67	0.03	1.30	0.80	-0.57	0.00	1.80	0.37	0.88	0.77	0.30	1.47	
CQXFCJ	1.12	0.24	0.66	2.75	-0.93	0.15	0.79	-0.63	0.93	1.58	-0.41	0.46	0.68	-0.22	0.96	
D7RHCM	1.10	0.14	0.00	4.50	0.90	2.42	1.03	0.42	1.15	1.87	0.61	1.34	0.90	1.10	2.54	
DH3XBF	1.17	0.54	3.65	4.07	0.46	0.68	1.15	0.91	0.72	1.92	0.81	0.75	0.86	0.88	0.29	
E82WBG	1.10	0.16	0.07	3.54	-0.10	0.09	0.93	-0.01	0.09	1.73	0.12	0.06	0.69	-0.16	0.06	
EJTHGB	1.32	1.41	1.32	4.31	0.70	1.64	1.24	1.31	1.84	1.96	0.94	0.79	1.01	1.78	3.58	
ENN97V	0.80	-1.58	1.23	4.56	0.96	0.13	0.97	0.16	0.70	1.62	-0.28	0.18	0.63	-0.52	0.67	
EVMY7C	1.08	0.05	0.38	3.64	0.00	0.28	0.97	0.16	0.50	1.79	0.34	0.15	0.75	0.20	0.25	
F8REPM	0.85	-1.29	0.00	2.69	-0.99	0.04	0.56	-1.60	0.00	1.59	-0.37	0.05	0.53	-1.12	0.00	
GTRT8X	1.23	0.89	0.75	4.61	1.02	0.31	0.83	-0.46	0.41	1.63	-0.25	0.54	0.73	0.10	0.96	
HE7ZP6	0.99	-0.49	0.56	4.18	0.57	0.12	0.99	0.22	0.23	1.80	0.37	0.18	0.84	0.76	0.15	
JDRQHP	1.10	0.16	1.05	3.12	-0.54	0.32	1.07	0.58	0.53	1.37	-1.16	4.92	0.72	0.00	0.89	
JJEHQH	1.04	-0.21	0.83	3.17	-0.49	0.30	0.71	-0.96	0.35	1.61	-0.32	0.21	0.54	-1.07	0.45	
JT62BH	1.29	1.25	0.90	3.57	-0.07	0.17	0.94	0.01	0.11	1.66	-0.14	0.90	0.72	0.00	0.15	
KEGLCB	0.87	-1.20	0.94	2.53	-1.16	0.21	0.63	-1.29	2.29	1.40	-1.07	0.00	0.53	-1.10	1.47	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
NBNLUH	2.16	6.21X	3.20	5.71	2.18	0.89	1.09	0.65	1.07	2.12	1.53	0.92	1.26	3.24X	3.66	
NENXQH	1.13	0.33	0.94	2.93	-0.74	0.56	0.70	-1.00	0.00	1.30	-1.43	0.00	0.53	-1.10	1.47	
Q7LCTF	1.13	0.29	0.65	5.14	1.58	0.86	1.08	0.61	1.43	2.00	1.07	0.16	0.86	0.87	0.53	
QPG6ED	0.93	-0.83	0.22	3.45	-0.20	0.20	0.91	-0.09	0.18	1.63	-0.25	0.28	0.70	-0.09	0.39	
QQE7NB	0.91	-0.97	0.34	3.07	-0.59	1.01	0.60	-1.44	0.98	1.41	-1.04	0.77	0.51	-1.22	0.82	
R4VPDX	1.01	-0.39	0.41	3.52	-0.13	0.06	0.93	-0.02	0.40	1.71	0.06	0.05	0.71	-0.04	0.25	
TXQ7WJ	1.18	0.59	0.77	3.59	-0.05	0.62	0.77	-0.71	0.50	1.77	0.27	0.41	0.72	0.04	0.52	
UCKX98	1.11	0.17	1.31	3.19	-0.46	0.30	0.68	-1.07	0.33	1.46	-0.86	0.32	0.62	-0.57	0.49	
UJHPG2	0.99	-0.51	0.38	3.70	0.07	0.37	1.06	0.55	2.35	1.70	0.01	0.00	0.71	-0.06	0.64	
VFJN26	1.04	-0.22	0.32	2.82	-0.85	0.15	0.83	-0.45	0.24	1.42	-1.00	0.02	0.63	-0.54	0.65	
XPTAR4	0.90	-0.99	0.96	3.71	0.08	0.50	1.12	0.79	1.19	1.76	0.22	2.23	0.79	0.44	1.78	
XYKHK8	1.23	0.91	2.89	3.76	0.13	0.95	1.07	0.56	1.65	1.85	0.55	0.69	0.74	0.12	0.27	
Y73BCW	1.08	0.00	0.42	3.34	-0.32	0.37	0.74	-0.85	0.95	1.67	-0.10	0.57	0.77	0.32	1.01	
YWCTV4	1.52	2.57	0.82	4.46	0.86	0.58	0.88	-0.22	0.11	1.69	-0.01	0.05	0.94	1.34	0.44	
ZQ2WP9	0.90	-0.99	0.77	2.91	-0.76	0.65	0.66	-1.16	0.34	1.47	-0.82	0.35	0.56	-0.97	0.27	

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	1.08			3.64			0.93			1.70			0.72			
Median Abs Dev	0.09			0.55			0.14			0.16			0.09			
Avg Within Lab SD	0.06			0.27			0.05			0.11			0.04			
Labs Included	39			41			40			40			39			
Labs Reporting	41			41			41			41			41			



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	34.73	1.77	0.22	0.97	0.69	0.34	87.68	1.48	0.11	39.08	2.00	0.16	23.70	1.19	0.04	
2XUQZC	36.32	2.05	1.12	1.31	1.55	0.30	82.19	1.18	0.42	31.31	0.29	1.49	27.46	1.68	0.17	
49T7ZZ	25.29	0.16	0.14	1.66	2.45	0.29	60.41	0.00	0.17	26.16	-0.84	0.15	16.52	0.26	0.18	
7QMJNR	25.23	0.15	0.12	0.17	-1.36	0.73	86.57	1.42	1.98	40.80	2.38	0.18	9.07	-0.70	0.05	
7YCBUW	17.00	-1.26	0.40	0.52	-0.46	0.25	59.16	-0.07	0.04	29.80	-0.04	0.27	9.02	-0.71	0.02	
86YJV3	25.67	0.22	0.92	0.97	0.68	0.73	60.00	-0.03	0.23	31.67	0.37	0.38	12.27	-0.29	0.19	
8UBURM	25.67	0.22	1.22	1.00	0.77		48.00	-0.68	0.23	27.67	-0.51	0.38	17.67	0.41	1.28	
CBNPHQ	20.63	-0.64	0.32	1.27	1.45	0.73	45.03	-0.84	0.14	27.27	-0.60	0.49	11.47	-0.39	0.84	
CQXFCJ	19.07	-0.91	1.35	0.56	-0.35	0.21	43.64	-0.92	0.54	25.74	-0.93	1.12	8.85	-0.73	1.01	
D7RHCM	23.33	-0.18	1.66	1.00	0.77		72.00	0.63	1.80	31.00	0.22	2.90	14.33	-0.02	1.28	
DH3XBF	27.14	0.47	3.75	0.53	-0.43	1.11	82.72	1.21	0.87	37.32	1.61	0.90	20.49	0.78	0.68	
EJTHGB	29.55	0.89	1.52	1.21	1.31	4.69	86.34	1.41	3.35	35.69	1.25	2.23	22.65	1.05	2.80	
ENN97V	24.37	0.00	0.26	1.24	1.37	0.19	72.57	0.66	0.13	30.77	0.17	0.25	20.13	0.73	0.19	
EVMY7C	30.10	0.98	0.14	0.67	-0.07	0.21	66.37	0.32	0.91	31.27	0.28	0.33	20.80	0.82	2.40	
F8REPM	24.73	0.06	0.16	0.42	-0.72	0.00	41.03	-1.06	0.12	27.86	-0.47	0.22	14.50	0.00	0.11	
GTRT8X	18.73	-0.96	0.32	1.39	1.76	0.34	41.38	-1.04	0.07	22.70	-1.60	0.39	7.47	-0.91	0.15	
HE7ZP6	22.30	-0.35	0.40	0.73	0.09	0.73	72.53	0.66	0.41	31.73	0.38	0.68	14.50	0.00	0.08	
JDRQHP	24.33	-0.01	0.48	0.71	0.02	0.26	72.10	0.63	0.65	30.57	0.13	1.10	15.17	0.09	0.94	
JJEHQH	18.74	-0.96	0.36	0.46	-0.62	0.24	49.35	-0.61	0.40	28.54	-0.32	0.40	7.90	-0.85	0.18	
JT62BH	24.37	0.00	0.28	0.74	0.09	0.41	62.10	0.09	0.14	27.30	-0.59	0.88	17.73	0.42	0.30	
KEGLCB	14.97	-1.61	0.65	0.23	-1.19	0.73	53.10	-0.40	2.96	26.80	-0.70	0.77	5.63	-1.15	1.36	
NENXQH	21.47	-0.50	1.44	0.57	-0.34	1.47	49.47	-0.60	0.31	26.43	-0.78	0.78	7.33	-0.93	0.13	
Q7LCTF	31.51	1.22	0.76	0.94	0.60	0.26	81.93	1.17	0.57	36.19	1.36	0.56	22.72	1.06	1.04	
QPG6ED	21.82	-0.44	0.35	0.69	-0.02	0.23	60.50	0.00	0.24	27.71	-0.50	0.94	17.48	0.39	2.27	
QQE7NB	18.65	-0.98	0.32	0.44	-0.67	0.85	42.51	-0.98	0.68	24.97	-1.10	0.12	6.03	-1.10	0.54	
R4VPDX	28.00	0.62	0.29	0.70	0.00	0.00	69.13	0.47	0.11	31.83	0.41	0.14	22.87	1.08	0.39	



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
TXQ7WJ	29.26	0.84	1.27	1.03	0.85	0.72	51.09	-0.51	0.62	29.98	0.00	1.03	20.15	0.73	2.12	
UCKX98	24.60	0.04	0.80	0.57	-0.34	0.34	41.70	-1.02	0.27	30.57	0.13	0.33	10.30	-0.54	0.17	
UJHPG2	21.00	-0.58	0.80	0.58	-0.31	0.34	69.00	0.46	1.00	30.00	0.00	1.15	10.67	-0.50	0.49	
VFJN26	20.05	-0.74	0.19	0.48	-0.56	0.51	63.71	0.17	0.27	26.48	-0.77	0.43	7.97	-0.85	0.19	
XPTAR4	17.25	-1.22	0.90	0.54	-0.41	0.45	64.05	0.19	0.41	27.61	-0.52	2.07	8.15	-0.82	0.74	
XYKHK8	30.20	1.00	1.35	0.81	0.28	1.29	80.17	1.07	0.20	37.00	1.54	0.60	19.48	0.64	0.25	
Y73BCW	28.09	0.64	0.38	0.71	0.03	0.08	52.59	-0.43	0.30	30.97	0.22	1.27	20.22	0.74	0.75	
YWCTV4	21.23	-0.54	0.35	0.57	-0.32	0.51	46.31	-0.77	0.32	27.53	-0.54	0.31	8.84	-0.73	0.25	
ZQ2WP9	22.03	-0.40	0.28	0.44	-0.67	0.18	52.93	-0.41	1.41	29.67	-0.07	1.50	12.07	-0.31	0.41	

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	24.4			0.70			60.5			30.0			14.5			
Median Abs Dev	3.6			0.24			11.6			2.3			5.7			
Avg Within Lab SD	1.3			0.08			4.3			1.5			1.2			
Labs Included	35			35			35			35			35			
Labs Reporting	35			35			35			35			35			



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	12.5	-0.5	0.1	35.1	0.7	0.1	176.6	0.3	0.3	93.5	0.6	0.2	28.8	0.3	0.1	
2JFLQX	11.5	-0.8	0.3	23.4	-0.5	0.6	93.0	-1.3	0.5	50.0	-1.6	1.7	15.2	-1.2	0.6	
2XUQZC	15.9	0.6	0.1	35.0	0.7	0.9	171.4	0.2	0.9	92.4	0.5	0.3	30.9	0.6	0.6	
49T7ZZ	22.5	2.6	0.5	47.3	1.9	0.2	175.4	0.3	0.3	85.3	0.2	0.1	36.9	1.2	0.3	
7QMJNR	12.0	-0.6		22.0	-0.6	0.5	119.3	-0.8	1.0	72.0	-0.5		19.0	-0.7		
7YCBUW	23.5	2.9X	0.6	77.6	5.0X	0.3	238.0	1.6	0.1	123.0	2.1	0.8	47.0	2.4	1.1	
86YJV3	17.7	1.1	0.7	47.0	1.9	0.5	187.0	0.5	0.3	104.3	1.2	0.1	33.7	0.9	0.9	
8UBURM	14.0	0.0	1.2	25.3	-0.3	0.3	123.3	-0.7	0.2	83.0	0.1	0.3	26.0	0.0	0.6	
CAB3ZC	9.7	-1.3	0.4	31.9	0.4	1.2	162.9	0.1	0.3	89.3	0.4	1.0	26.5	0.1	0.3	
CBNPHQ	12.3	-0.5	1.8	27.0	-0.1	1.0	123.8	-0.7	0.6	79.3	-0.1	0.9	24.6	-0.1	1.1	
CQXFCJ	14.4	0.1	1.3	22.5	-0.6	0.6	121.4	-0.8	1.4	70.7	-0.6	0.9	20.2	-0.6	0.7	
D7RHCM	14.3	0.1	0.7	39.7	1.2	2.9	171.7	0.2	0.7	89.7	0.4	2.1	30.3	0.5	1.8	
DH3XBF	11.7	-0.7	2.4	20.0	-0.8	0.3	104.6	-1.1	0.5	67.7	-0.7	1.1	18.1	-0.8	0.3	
EJTHGB	13.6	-0.1	1.2	40.7	1.3	4.0	231.2	1.4	2.2	111.3	1.5	1.8	37.2	1.3	3.9	
ENN97V	11.8	-0.7	0.2	51.8	2.4	0.3	239.3	1.6	0.3	116.7	1.8	0.3	49.5	2.6X	0.5	
EVMY7C	16.9	0.9	0.3	27.8	0.0	0.3	179.3	0.4	0.3	92.3	0.5	0.6	27.9	0.2	0.6	
F8REPM	16.7	0.8	0.3	22.5	-0.6	0.1	128.3	-0.6	0.0	90.0	0.4	0.0	22.6	-0.3	0.1	
GTRT8X	11.4	-0.8	0.1	23.2	-0.5	0.1	116.3	-0.9	0.1	79.2	-0.1	0.2	13.5	-1.4	0.8	
HE7ZP6	10.0	-1.2		32.3	0.4	0.8	175.3	0.3	0.3	79.0	-0.1	0.9	32.3	0.7	0.9	
JDRQHP	18.8	1.5	0.7	29.6	0.1	0.7	208.3	1.0	0.2	99.3	0.9	1.1	30.7	0.5	0.2	
JJEHQH	12.7	-0.4	0.2	22.8	-0.6	0.4	119.7	-0.8	0.2	70.4	-0.6	0.3	17.1	-1.0	0.3	
JT62BH	17.5	1.1	0.1	30.4	0.2	0.4	164.7	0.1	0.1	81.6	0.0	0.9	25.7	0.0	0.0	
KEGLCB	14.3	0.1	1.4	15.0	-1.4		99.7	-1.2	3.6	63.7	-0.9	0.6	15.0	-1.2	1.0	
NENXQH	11.5	-0.8	0.9	21.0	-0.7	0.8	105.8	-1.1	0.4	55.4	-1.3	0.4	14.6	-1.2	0.4	
Q7LCTF	19.2	1.6	0.2	39.6	1.2	0.4	201.8	0.8	0.3	107.5	1.3	0.4	37.4	1.3	0.0	
QPG6ED	14.0	0.0	0.5	26.8	-0.2	0.2	157.0	-0.1	0.8	80.9	0.0	1.0	25.4	0.0	0.9	



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QQE7NB	8.2	-1.8	0.4	21.2	-0.7	0.7	94.2	-1.3	0.2	59.5	-1.1	0.5	16.0	-1.1	0.6	
R4VPDX	14.7	0.2	0.1	26.5	-0.2	0.2	160.5	0.0	0.3	84.7	0.2	0.1	25.6	0.0	0.1	
TXQ7WJ	15.2	0.4	1.8	36.9	0.9	0.4	156.7	-0.1	1.4	96.5	0.8	1.4	30.0	0.5	1.0	
UCKX98	14.5	0.2	0.8	30.5	0.2	0.9	126.7	-0.7	0.9	77.3	-0.2	1.4	24.2	-0.2	0.5	
UJHPG2	15.0	0.3		28.7	0.0	0.6	176.7	0.3	1.8	80.3	-0.1	0.8	23.7	-0.2	0.7	
VFJN26	12.2	-0.6	0.2	21.2	-0.7	0.2	108.7	-1.0	0.1	54.7	-1.4	0.2	16.9	-1.0	0.3	
XPTAR4	15.0	0.3	2.6	32.6	0.4	1.0	170.0	0.2	1.1	77.6	-0.2	2.5	29.1	0.4	1.9	
XYKHK8	13.8	-0.1	1.5	30.5	0.2	0.4	214.5	1.1	1.6	104.7	1.2	1.6	31.8	0.7	0.8	
Y73BCW	15.2	0.4	0.5	25.3	-0.3	0.5	143.1	-0.3	1.5	85.4	0.2	1.0	33.1	0.8	0.2	
YWCTV4	11.9	-0.6	0.2	32.7	0.5	0.1	114.6	-0.9	0.3	60.9	-1.1	0.9	25.8	0.0	0.6	
ZQ2WP9	10.9	-1.0	1.0	20.5	-0.8	0.3	160.0	0.0	0.6	80.4	-0.1	0.6	18.9	-0.8	0.4	

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	14.0			28.3			160.0			81.6			25.7			
Median Abs Dev	1.9			5.6			36.2			10.7			5.8			
Avg Within Lab SD	0.9			2.0			8.6			3.9			1.8			
Labs Included	36			36			37			37			36			
Labs Reporting	37			37			37			37			37			



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	3.13	0.38	0.12	0.77	0.10	0.10	1.77	0.08	0.22	2.63	0.19	0.28	0.63	-0.33	0.13	
2JFLQX	2.18	-1.71	0.32	0.61	-0.53	0.31	1.13	-1.27	1.24	1.73	-1.67	1.90	0.50	-1.13		
2XUQZC	3.27	0.67	0.54	0.87	0.52	0.20	1.94	0.44	0.16	2.75	0.45	0.22	0.74	0.28	0.69	
49T7ZZ	3.78	1.80	0.36	1.46	2.86	0.12	2.02	0.59	0.40	2.82	0.59	0.41	0.80	0.67	0.49	
7QMJNR	3.41	0.98	0.30	0.57	-0.67	0.73	1.66	-0.15	1.65	2.87	0.70	0.16	0.77	0.49	0.23	
7YCBUW	3.70	1.62	1.58	1.82	4.32X	0.36	2.05	0.66	0.54	3.30	1.60	0.91	1.10	2.48X	2.26	
86YJV3	3.33	0.82	0.46	0.97	0.90	1.04	1.68	-0.11	0.31	2.85	0.66	0.46	0.88	1.17	0.65	
8UBURM	2.80	-0.35	0.79	0.80	0.23	1.81	1.50	-0.50		2.27	-0.56	0.53	0.80	0.67	0.00	
CAB3ZC	3.18	0.47	0.40	0.82	0.31	0.36	1.83	0.20	0.38	2.79	0.54	0.87	0.73	0.27	0.26	
CBNPHQ	2.80	-0.35	0.79	0.70	-0.17	1.81	1.37	-0.78	1.24	2.60	0.14	1.83	0.73	0.23	3.07	
CQXFCJ	2.49	-1.03	0.63	0.55	-0.77	0.49	1.16	-1.21	0.98	1.99	-1.12	0.23	0.52	-1.00	0.37	
D7RHCM	3.03	0.16	1.54	0.93	0.74	1.99	1.92	0.38	0.63	2.74	0.42	2.59	0.78	0.56	1.65	
DH3XBF	2.66	-0.65	3.50	0.67	-0.31	2.48	1.87	0.28	1.90	2.33	-0.41	1.70	0.66	-0.15	1.79	
EJTHGB	3.43	1.03	1.18	1.18	1.77	2.80	2.26	1.10	1.82	3.03	1.04	1.74	1.08	2.34	1.85	
ENN97V	2.77	-0.41	0.24	0.89	0.61	0.21	2.13	0.84	0.16	2.84	0.64	0.37	0.76	0.41	0.13	
EVMY7C	3.11	0.32	0.72	0.76	0.06	0.10	1.93	0.40	0.33	2.56	0.06	1.04	0.75	0.37	0.45	
F8REPM	2.62	-0.74	0.16	0.50	-0.96	0.10	1.15	-1.24	0.00	2.24	-0.62	0.05	0.55	-0.81	0.13	
GTRT8X	3.23	0.59	1.18	1.12	1.52	1.01	1.15	-1.23	0.54	1.77	-1.59	0.33	0.63	-0.33	1.02	
HE7ZP6	2.57	-0.86	0.46	0.80	0.23	0.00	1.77	0.06	0.62	2.43	-0.21	0.53	0.77	0.47	1.30	
JDRQHP	3.67	1.54	0.81	0.78	0.15	0.48	2.15	0.87	0.78	2.91	0.79	0.52	0.75	0.35	0.35	
JJEHQH	2.55	-0.90	0.69	0.51	-0.91	0.30	1.25	-1.03	0.45	2.31	-0.47	0.72	0.48	-1.23	0.29	
JT62BH	3.10	0.31	0.33	0.68	-0.23	0.21	1.78	0.09	0.39	2.46	-0.16	0.85	0.63	-0.35	0.00	
KEGLCB	2.40	-1.22	0.79	0.37	-1.50	1.04	1.13	-1.27	3.29	2.07	-0.97	0.53	0.43	-1.53	1.30	
NENXQH	2.67	-0.64	0.46	0.50	-0.97		1.07	-1.41	0.62	1.83	-1.46	1.05	0.50	-1.13	2.26	
Q7LCTF	3.21	0.55	0.64	0.88	0.55	0.99	2.31	1.20	1.22	3.06	1.09	0.68	0.81	0.71	0.07	
QPG6ED	2.82	-0.31	0.13	0.62	-0.50	0.36	1.74	0.00	0.04	2.42	-0.24	0.14	0.61	-0.48	0.56	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QQE7NB	2.79	-0.37	1.10	0.53	-0.86	0.68	1.03	-1.50	0.59	2.07	-0.97	0.59	0.48	-1.25	0.39	
R4VPDX	2.96	0.00	0.34	0.75	0.02	0.55	1.74	0.00	0.16	2.55	0.03	0.23	0.69	0.03	0.26	
TXQ7WJ	3.13	0.36	1.00	0.82	0.31	0.41	1.45	-0.60	0.53	2.67	0.29	0.58	0.68	-0.03	0.77	
UCKX98	2.54	-0.92	0.58	0.50	-0.98	0.47	1.17	-1.20	1.00	1.96	-1.19	1.15	0.45	-1.41	0.41	
UJHPG2	2.97	0.01	1.20	0.74	-0.02	0.91	1.87	0.27	1.65	2.53	0.00	1.05	0.71	0.13	0.60	
VFJN26	2.65	-0.69	0.47	0.50	-0.99	0.23	1.39	-0.72	0.39	1.96	-1.19	0.08	0.52	-1.02	0.07	
XPTAR4	2.67	-0.63	0.18	0.75	0.03	0.71	1.98	0.50	0.91	2.58	0.09	2.32	0.74	0.31	1.50	
XYKHK8	3.24	0.60	1.66	0.72	-0.08	1.33	1.95	0.44	0.70	2.73	0.42	0.94	0.73	0.27	0.25	
Y73BCW	3.13	0.37	1.68	0.58	-0.64	0.39	1.67	-0.15	0.66	2.39	-0.30	0.63	0.58	-0.66	0.82	
YWCTV4	2.86	-0.21	0.66	1.05	1.22	0.38	1.18	-1.18	0.33	1.88	-1.37	0.32	0.59	-0.61	0.47	
ZQ2WP9	2.79	-0.38	0.87	0.48	-1.05	0.26	1.27	-0.99	0.49	2.19	-0.71	0.26	0.51	-1.07	0.05	

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	2.96			0.74			1.74			2.53			0.69			
Median Abs Dev	0.28			0.15			0.29			0.28			0.09			
Avg Within Lab SD	0.13			0.06			0.09			0.11			0.04			
Labs Included	37			36			37			37			36			
Labs Reporting	37			37			37			37			37			



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Cl - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups															Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
49T7ZZ	17.2	-0.1	0.3	8.6	-1.2	0.5	43.1	0.7	0.8	41.9	-0.4	0.1	22.3	0.0	0.3		
7QMJNR	20.7	0.9	0.7	13.4	0.3	0.0	52.8	1.7	0.4	53.8	0.6	0.4	29.7	1.5	0.2		
86YJV3	18.8	0.4	0.3	10.7	-0.6	0.5	39.3	0.3	0.6	47.3	0.1	0.6	25.0	0.5			
CBNPHQ	17.5	0.0	1.0	9.8	-0.9	1.0	36.6	0.0	1.4	52.3	0.5	1.9	22.1	0.0	1.2		
EVMY7C	17.0	-0.1	1.2	11.8	-0.2	0.6	43.3	0.7	0.8	46.5	0.0	0.6	24.6	0.5	0.3		
JJEHQH	21.0	1.0	1.7	16.0	1.1	1.5	29.3	-0.8	0.1	40.8	-0.5	0.8	18.7	-0.8	0.5		
NENXQH	20.9	0.9	0.6	12.5	0.0	0.7	30.8	-0.6	0.3	19.2	-2.2	0.3	21.0	-0.3	0.4		
UJHPG2	17.0	-0.1	0.9	16.0	1.1	1.6	47.0	1.1	1.5	47.7	0.1	0.8	24.3	0.4	1.1		
XPTAR4	10.4	-1.9	1.8	7.4	-1.6	1.2	27.0	-1.0	2.2	24.9	-1.7	1.8	13.8	-1.8	2.2		
Y73BCW	20.1	0.7	0.3	13.0	0.2	0.3	36.8	0.0	0.1	52.5	0.5	0.4	26.8	0.9	0.1		
YKZMHF	12.6	-1.3	0.8	12.8	0.1	1.5	32.4	-0.5	0.5	33.2	-1.1	1.4	18.9	-0.7	1.5		

Cl - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups															Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905				
Grand Median	17.5			12.5			36.8			46.5			22.3				
Median Abs Dev	2.6			1.8			6.3			5.8			2.7				
Avg Within Lab SD	1.1			1.2			2.0			2.0			1.5				
Labs Included	11			11			11			11			11				
Labs Reporting	11			11			11			11			11				



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

Data units: mg/kg

WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XUQZC	1.86	0.81	0.19	0.52	0.06	1.06	0.50	0.06	0.20	0.58	-0.17	0.70	0.18	0.00	0.46
49T7ZZ	3.08	3.48X	1.29	1.39	4.09X	0.10	0.58	0.45	0.32	0.71	0.37	0.09	0.43	2.29	0.27
4ED4Q9	0.96	-1.17	0.06	0.36	-0.71	0.14	0.27	-1.17	0.06	0.48	-0.58	0.06	0.15	-0.28	0.10
4JKY3W	1.38	-0.24	1.22	0.62	0.50	0.82	0.71	1.18	0.18	0.78	0.67	0.75	0.24	0.56	0.39
6HBC4H	1.49	0.00	0.78	0.27	-1.11	0.40	0.26	-1.24	0.66	0.35	-1.14	0.58			
8UBURM	1.40	-0.20	1.09	0.77	1.19	1.14	0.47	-0.13	0.91	0.63	0.06	2.53	0.27	0.81	2.28
A67KLT	2.01	1.13	0.33	0.80	1.33	0.11	0.62	0.68	0.72	0.82	0.83	0.25	0.22	0.38	0.00
AZBTFG	1.75	0.57	2.17	0.68	0.79	3.02	0.52	0.17	1.94	0.74	0.53	2.41	0.20	0.18	1.82
EJTHGB	1.44	-0.12	2.80	0.49	-0.09	0.98	0.41	-0.41	3.43	0.65	0.15	1.23	0.35	1.55	2.45
ENN97V	0.85	-1.39	1.09	0.27	-1.10	0.75	0.25	-1.29	0.87	0.26	-1.52	1.22	0.08	-0.95	0.23
EVMY7C	1.40	-0.20	0.51	0.55	0.17	0.41	0.60	0.58	0.32	0.74	0.53	0.76			
F9T3DR	2.00	1.11	0.06	0.93	1.94	0.17	0.74	1.30	0.23	0.92	1.28	0.82	0.26	0.78	0.41
GTRT8X	1.52	0.07	0.43	0.45	-0.26	1.00	0.27	-1.15	1.12	0.31	-1.28	0.42	0.18	-0.03	0.23
HE7ZP6	1.07	-0.93	0.23	0.49	-0.08	0.46	0.52	0.17	0.18	0.57	-0.20	0.33	0.17	-0.12	0.46
JW2RB3	1.56	0.16	0.10	0.57	0.29	0.37	0.54	0.28	0.33	0.66	0.16	0.37			
NQYCNB	1.85	0.78	0.51	0.72	0.96	1.77	0.61	0.65	0.91	0.80	0.75	1.26	0.20	0.16	1.27
Q7LCTF	0.68	-1.77	0.23	0.14	-1.73	0.52	0.17	-1.70	0.37	0.15	-1.98	0.19	0.04	-1.28	0.52
TXQ7WJ	1.69	0.43	1.03	0.44	-0.30	0.79	0.36	-0.69	0.30	0.60	-0.10	0.84	0.15	-0.28	0.14
UCKX98	1.31	-0.38	0.76	0.40	-0.50	0.49	0.56	0.35	0.87	0.60	-0.06	0.47	0.06	-1.15	0.41
XYKHK8	2.02	1.16	1.10	0.53	0.11	1.04	0.48	-0.06	0.34	0.68	0.27	1.00	0.17	-0.12	0.81
Y73BCW	0.87	-1.35	0.34	0.31	-0.95	0.29	0.31	-0.94	0.34	0.32	-1.26	0.30	0.10	-0.75	0.42
YWCTV4	1.58	0.20	0.23	0.51	0.00	0.20	0.45	-0.20	0.40	0.39	-0.96	0.17	0.30	1.15	0.82



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

Data units: mg/kg

	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905
Grand Median	1.49	0.51	0.49	0.62	0.18
Median Abs Dev	0.26	0.11	0.12	0.13	0.06
Avg Within Lab SD	0.09	0.05	0.06	0.06	0.03
Labs Included	21	21	22	22	19
Labs Reporting	22	22	22	22	19



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	1.23	-1.05	0.35	0.34	-0.88	0.25	0.09	-0.94	0.23	0.15	-1.89	0.44	0.02	-1.76	0.47	
7QMJNR	2.28	3.58	0.40	0.48	0.49	0.71	0.16	-0.52	0.47	0.27	-0.30	0.24	0.08	-0.26	0.82	
7YCBUW	1.45	-0.07	0.48	0.54	1.12	1.23	0.24	-0.07	0.54	0.30	0.04	0.00	0.10	0.16	0.00	
86YJV3	1.50	0.15					0.60	1.96	0.00	0.63	4.33X	1.20	0.12	0.59	2.05	
CBNPHQ	1.59	0.56	0.20	0.49	0.66	0.47	0.46	1.15	0.31	0.43	1.67	0.87	0.15	1.52	1.08	
CQXFCJ	1.55	0.37	0.42	0.43	-0.01	0.74	0.23	-0.11	1.13	0.30	0.06	0.81	0.15	1.35	1.48	
D7RHCM	1.44	-0.10	3.23	0.46	0.36	2.13	0.35	0.55	1.45	0.31	0.22	3.03	0.12	0.64	1.83	
JJEHQH	1.51	0.18	0.51	0.38	-0.46	0.34	0.18	-0.38	0.14	0.26	-0.53	0.40	0.07	-0.62	0.54	
KEGLCB	1.18	-1.25	0.70	0.21	-2.10	0.47	0.26	0.07	1.71	0.26	-0.47	0.42	0.06	-0.85	0.71	
NENXQH	1.37	-0.44	0.56	0.43	0.07	1.77	0.53	1.59	1.56	0.40	1.33	0.00	0.10	0.16	0.00	
QPG6ED	0.41	-4.68X	0.13	0.28	-1.47	0.12										
QQE7NB	1.44	-0.13	0.37	0.35	-0.79	0.18	0.13	-0.70	0.31	0.19	-1.33	0.64	0.05	-1.19	0.82	
UJHPG2	1.63	0.74	0.56	0.48	0.53	1.34	0.32	0.38	1.77	0.30	0.00	0.87	0.08	-0.24	0.50	
VFJN26	1.48	0.07	0.19	0.38	-0.51	0.17	0.41	0.86	0.22	0.31	0.16	0.63	0.10	0.06	0.25	
XPTAR4	1.30	-0.74	0.56	0.43	0.01	1.13	0.22	-0.16	1.15	0.24	-0.78	0.53	0.09	-0.06	0.64	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups					Data units: mg/kg	
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	1.47	0.43	0.25	0.30	0.09	
Median Abs Dev	0.09	0.05	0.09	0.04	0.02	
Avg Within Lab SD	0.10	0.03	0.04	0.02	0.01	
Labs Included	14	14	14	13	14	
Labs Reporting	15	14	14	14	14	



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	0.20	0.72	0.00	0.28	0.53	0.00	0.28	0.61	0.00	0.19	0.33	0.99	0.10	-0.22	0.00	
2MVXPZ	0.11	-3.46X	1.02	0.18	-5.33X	0.73	0.20	-3.11X	0.27	0.10	-5.65X	0.99	0.06	-3.06X	0.45	
7QMJNR	0.18	-0.09	0.35	0.27	0.00	1.22	0.26	-0.19	0.57	0.18	-0.44	1.05	0.10	-0.02	0.16	
CBNPHQ	0.18	0.00	1.07	0.28	0.44	1.78	0.28	0.46	0.33	0.20	1.09	1.81	0.12	0.98	1.84	
D7RHCM	0.20	0.70	1.00	0.26	-0.40	0.37	0.24	-0.98	1.02	0.18	0.00	1.12	0.14	2.08	2.16	
EVMY7C	0.23	2.06	0.47	0.29	1.00	0.39	0.30	1.58	0.11	0.20	1.02	0.62	0.11	0.37	0.24	
Q7LCTF	0.18	-0.19	0.89	0.26	-0.60	0.09	0.26	-0.23	0.43	0.18	-0.30	0.87	0.12	0.78	0.65	
QQE7NB	0.19	0.10	1.15	0.27	0.04	1.30	0.27	0.19	0.18	0.18	0.00	0.70	0.10	0.00	0.16	
XYKHK8	0.15	-1.41	2.05	0.23	-2.08	1.46	0.23	-1.82	2.48	0.15	-2.29	0.86	0.08	-1.62	0.64	
YKZMHF	0.17	-0.79	0.44	0.25	-0.98	0.45	0.27	0.00	1.06	0.17	-0.60	0.10	0.10	0.00	0.05	

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups						Data units: Percent	
	SRS1901		SRS1902		SRS1903	SRS1904	SRS1905
Grand Median	0.18		0.27		0.27	0.18	0.10
Median Abs Dev	0.02		0.01		0.01	0.01	0.01
Avg Within Lab SD	0.01		0.01		0.02	0.01	0.01
Labs Included	9		9		9	9	9
Labs Reporting	10		10		10	10	10



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	0.22	0.96	0.38	0.30	0.71	1.00	0.30	1.29	0.80	0.20	1.50	0.00	0.12	1.69	1.82	
2YPEEZ	0.20	-0.75	1.27	0.28	-0.37	0.00	0.27	-1.10	1.14	0.18	-0.31	3.06	0.09	-1.17	1.82	
4ED4Q9	0.21	0.23	0.33	0.30	0.94	0.34	0.30	0.88	1.12	0.18	-0.15	0.85	0.11	0.26	0.84	
7QMJNR	0.22	0.77	1.77	0.29	0.25	0.70	0.29	0.44	1.04	0.20	1.19	0.80	0.12	1.04	1.09	
D7RHCM	0.26	3.43X	1.98	0.31	1.91	1.60	0.33	3.43X	3.77	0.22	2.79X	4.72	0.14	2.75X	7.79	
EVMY7C	0.22	0.58	0.55	0.29	0.07	0.92	0.29	0.14	0.75	0.19	0.41	0.27	0.10	0.08	0.18	
JT62BH	0.20	-0.51	0.96	0.30	1.24	0.90	0.29	0.44	1.10	0.17	-0.72	0.15	0.11	0.78	1.02	
KEGLCB	0.22	0.86	0.33	0.28	-0.07	1.14	0.29	0.63	0.41	0.19	0.70	1.34	0.11	0.86	0.80	
M7ZRCY	0.19	-1.21	0.00	0.29	0.09	1.13	0.29	0.00	1.14	0.19	0.72	0.00	0.12	1.17	1.82	
NENXQH	0.21	0.00	0.46	0.28	-0.18	0.11	0.29	-0.11	0.60	0.18	0.31	0.15	0.10	-0.05	0.63	
PH4UM8	0.19	-0.98	1.27	0.29	0.32	0.00	0.29	0.00	1.14	0.17	-0.83	0.00	0.10	-0.13	0.00	
QQE7NB	0.19	-1.45	1.27	0.27	-1.06	0.00	0.27	-1.65	1.14	0.16	-1.60	0.00	0.09	-0.91	0.00	
QWEUW3	0.19	-1.00	2.01	0.25	-2.12	2.42	0.26	-1.98	0.99	0.17	-1.11	1.25	0.08	-1.32	0.97	
VENBA7	0.21	0.14	0.13	0.28	-0.37	0.20	0.28	-0.69	0.11	0.18	0.00	0.15	0.10	0.00	0.18	
Y73BCW	0.21	0.26	0.21	0.28	-0.32	0.30	0.28	-0.20	0.17	0.18	0.25	0.17	0.10	-0.12	0.12	
YKZMHF	0.20	-0.40	1.08	0.27	-0.76	1.25	0.28	-0.58	1.87	0.18	-0.31	0.85	0.09	-0.55	0.18	

Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	0.21			0.29			0.29			0.18			0.10			
Median Abs Dev	0.01			0.01			0.01			0.01			0.01			
Avg Within Lab SD	0.00			0.01			0.01			0.00			0.00			
Labs Included	15			16			15			15			15			
Labs Reporting	16			16			16			16			16			



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	2.53	0.92	0.52	2.88	-2.53	0.08	2.77	0.99	0.32	1.95	1.13	0.20	1.56	0.77	0.31	
4ED4Q9	2.58	1.29	1.16	5.17	0.89	0.04	2.88	1.76	0.51	1.95	1.10	0.38	1.63	1.20	0.38	
7QMJNR	2.45	0.40	0.65	4.59	0.02	0.09	2.63	0.00	0.63	1.89	0.58	0.74	1.54	0.63	0.43	
877VD4	3.10	4.68X	0.00	3.80	-1.16	0.00	3.40	5.40X	0.00	2.32	4.66X	0.85	1.57	0.81	0.43	
EVMY7C	2.20	-1.23	0.48	4.21	-0.55	0.13	2.66	0.26	0.66	1.84	0.10	0.45	1.24	-1.07	0.09	
JT62BH	2.43	0.29	1.58	4.17	-0.61	0.13	2.81	1.27	0.20	1.80	-0.37	0.42	1.58	0.87	0.13	
JW2RB3	2.55	1.11	1.27	4.91	0.49	0.13	2.84	1.47	2.40	1.98	1.39	0.47	1.31	-0.70	3.59	
KEGLCB	2.30	-0.53	2.52	4.61	0.05	0.37	2.49	-0.95	2.26	1.75	-0.84	3.24	1.38	-0.29	0.74	
M7ZRCY	2.27	-0.75	0.31	4.71	0.20	0.06	2.62	-0.05	0.43	1.75	-0.77	0.17	1.56	0.77	0.26	
PH4UM8	2.21	-1.16	0.65	4.76	0.27	0.05	2.61	-0.12	0.75	1.69	-1.38	0.29	1.43	0.00	0.09	
QPG6ED	2.38	0.00	0.38	4.21	-0.54	0.09	2.60	-0.18	0.30	1.81	-0.22	0.17	1.33	-0.56	0.09	
QWEUW3	2.34	-0.32	0.98	4.59	0.01	0.04	2.54	-0.61	0.16	1.78	-0.52	0.14	1.41	-0.13	0.87	
R4VPDX	2.62	1.56	0.65	5.17	0.88	0.13	2.87	1.67	1.25	1.97	1.29	1.69	1.63	1.19	0.87	
VENBA7	2.39	0.06	0.18	3.12	-2.17	3.97	2.61	-0.09	0.13	1.83	0.00	0.17	1.33	-0.55	0.31	
Y73BCW	2.36	-0.18	0.01	4.30	-0.42	0.02	2.64	0.06	0.07	1.84	0.04	0.13	1.21	-1.25	0.04	
YKZMHF	2.34	-0.31	0.44	4.57	-0.01	0.05	2.54	-0.63	0.65	1.79	-0.40	0.34	1.43	0.00	0.48	

Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	2.38			4.58			2.63			1.83			1.43			
Median Abs Dev	0.08			0.35			0.09			0.06			0.13			
Avg Within Lab SD	0.03			0.44			0.05			0.03			0.07			
Labs Included	15			16			15			15			16			
Labs Reporting	16			16			16			16			16			



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	4.15	0.90	0.06	5.54	-0.70	0.00	4.36	-0.31	0.04	3.12	-0.02	0.00	2.01	0.32	0.13	
2MVXPZ	2.17	-4.40X	0.63	3.47	-2.85X	0.45	3.98	-1.01	0.82	1.91	-3.73X	0.31	1.15	-3.26X	0.28	
7QMJNR	4.18	0.97	0.68	6.72	0.52	0.44	4.71	0.32	0.54	3.53	1.23	0.39	2.20	1.11	0.03	
8UBURM	3.23	-1.55	0.73	4.63	-1.64	0.47	2.83	-3.10X	0.79	2.60	-1.61	0.00	1.47	-1.93	0.33	
D7RHCM	3.35	-1.23	1.49	6.36	0.15	1.43	4.81	0.51	1.16	2.88	-0.76	0.27	1.73	-0.85	1.43	
EJTHGB	3.50	-0.84	1.07	6.47	0.26	2.81	3.53	-1.82	1.75	2.67	-1.41	2.99	1.82	-0.45	1.58	
ENN97V	4.10	0.77	1.26	5.27	-0.98	0.47	4.87	0.61	0.79	3.30	0.53	0.67	2.43	2.10	2.79	
EVMY7C	3.95	0.37	0.32	6.15	-0.07	0.38	4.53	0.00	0.48	3.13	0.00	0.79	1.92	-0.06	0.18	
HE7ZP6	3.43	-1.02	0.19	6.11	-0.11	0.25	4.44	-0.18	0.26	3.02	-0.32	0.55	1.93	0.00	0.06	
J3PF4M	3.61	-0.54	0.19	6.22	0.00	0.14	4.52	-0.02	0.20	3.17	0.13	0.20	1.87	-0.24	0.14	
KEGLCB	3.73	-0.21	2.21	6.80	0.60	0.81	5.17	1.15	1.42	3.30	0.53	1.78	2.03	0.43	1.31	
MZ9G22	4.04	0.61	1.57	8.53	2.39	0.89	5.13	1.08	0.94	3.79	2.03	0.99	2.10	0.72	0.51	
Q7LCTF	3.84	0.08	0.61	6.70	0.50	0.21	4.98	0.81	0.41	3.17	0.14	0.13	1.90	-0.12	0.34	
VFJN26	3.53	-0.76	0.17	5.47	-0.77	0.09	4.15	-0.69	0.04	2.95	-0.54	0.14	1.96	0.11	0.17	
XYKHK8	3.81	0.00	1.07	5.46	-0.79	1.63	3.93	-1.11	2.34	3.00	-0.39	0.42	1.67	-1.10	0.54	
YKZMHF	3.90	0.24	0.16	6.82	0.62	0.20	4.80	0.49	0.41	3.28	0.47	0.27	2.07	0.58	0.28	

SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	3.81			6.22			4.53			3.13			1.93			
Median Abs Dev	0.29			0.58			0.33			0.17			0.11			
Avg Within Lab SD	0.16			0.25			0.15			0.15			0.18			
Labs Included	15			15			15			15			15			
Labs Reporting	16			16			16			16			16			



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XUQZC	7.13	3.03X	1.01	6.37	0.87	0.33	6.00	1.37		4.23	1.59	0.58	2.53	0.76	1.50	
2YPEEZ	4.90	-0.29	0.04	5.83	-0.33	0.22	5.51	-0.13	0.18	3.70	-0.23	0.06	2.37	-0.24	0.15	
39VER9	5.21	0.16	0.30	6.28	0.68	0.09	5.50	-0.17	0.23	3.82	0.18	0.29	2.30	-0.66	0.20	
4728L3	4.83	-0.41	0.44	5.82	-0.36	0.11	5.35	-0.65	0.56	3.64	-0.41	0.12	2.28	-0.74	0.27	
49T7ZZ	4.89	-0.31	0.09	6.24	0.60	0.49	5.75	0.58	0.14	3.90	0.44	0.62	2.49	0.50	0.49	
4ED4Q9	4.29	-1.21	0.94	5.51	-1.05	0.40	5.40	-0.47	0.22	3.64	-0.42	0.48	2.39	-0.12	0.11	
7TL2JY	4.59	-0.76	0.04	5.74	-0.53	0.03	5.40	-0.48	0.06	3.57	-0.65	0.06	2.31	-0.60	0.08	
838KG4	5.20	0.15	1.87	6.24	0.58	1.02	5.79	0.72	1.11	3.93	0.55	2.05	2.47	0.39	2.23	
86YJV3	5.07	-0.05	0.38	6.07	0.20	0.33	5.67	0.34	0.36	3.67	-0.33	0.58	2.30	-0.64	0.00	
877VD4	5.27	0.25	0.38	6.57	1.32	0.33	5.90	1.06	0.00	3.97	0.68	0.58	2.70	1.75	0.00	
C6LDLU	6.42	1.96	0.17	5.86	-0.28	0.61	5.72	0.49	0.89	3.98	0.72	0.62	2.58	1.01	0.15	
CAB3ZC	4.77	-0.50	1.13	5.91	-0.16	0.26	5.41	-0.46	0.91	3.66	-0.35	1.17	2.41	0.00	0.30	
CBNPHQ	6.66	2.33	0.10	5.77	-0.47	0.13	5.29	-0.82	2.09	4.02	0.85	0.25	2.46	0.30	0.27	
CQXFCJ	5.37	0.40	0.38	5.83	-0.33	0.33	5.50	-0.17	0.63	3.73	-0.11	0.58	2.30	-0.64	0.00	
D7RHCM	4.97	-0.20	1.60	5.65	-0.74	5.24	6.03	1.47	2.04	3.82	0.18	0.85	2.46	0.33	1.32	
DH3XBF	6.48	2.06	1.07	5.61	-0.84	1.82	5.66	0.32	1.39	4.01	0.85	2.95	2.53	0.76	3.00	
E82WBG	5.12	0.03	0.47	5.79	-0.42	0.29	5.41	-0.45	0.16	3.64	-0.44	0.36	2.35	-0.36	0.25	
EJTHGB	5.21	0.17	0.56	6.23	0.56	0.82	5.67	0.36	1.39	3.81	0.16	0.62	2.50	0.54	1.91	
ENN97V	5.87	1.14	0.38	6.60	1.40	0.00	6.10	1.68	0.00	4.27	1.70	0.58	2.63	1.35	0.75	
EPWF9N	6.28	1.76	3.94	6.09	0.26	1.11	5.74	0.56	1.61	4.03	0.89	1.57	2.54	0.82	1.90	
F8REPM	5.14	0.05	0.23	5.79	-0.44	0.07	5.56	0.01	0.06	3.63	-0.45	0.12	2.31	-0.56	0.15	
F9T3DR	4.79	-0.46	1.11	6.44	1.05	0.84	5.43	-0.40	0.67	3.35	-1.42	1.11	2.04	-2.16	1.16	
GQ2UM8	4.94	-0.23	0.49	5.98	0.00	0.11	5.56	0.01	0.19	3.71	-0.18	0.25	2.37	-0.20	0.46	
GTRT8X	4.37	-1.09	0.40	5.50	-1.08	0.11	5.31	-0.77	0.14	3.54	-0.76	0.76	2.36	-0.28	0.52	
JJEHQH	5.03	-0.10	0.15	6.23	0.57	0.26	5.66	0.33	0.06	3.85	0.28	0.27	2.49	0.50	0.27	
NBNLUH	5.60	0.74	0.25	6.41	0.96	0.24	5.85	0.90	0.13	4.08	1.08	0.32	2.61	1.21	0.39	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
PH4UM8	5.57	0.70	2.66	6.27	0.65	1.84	5.90	1.06	1.08	4.00	0.80	2.02	2.60	1.15	1.30	
PYTUMJ	6.12	1.52	0.68	6.96	2.21	0.86	6.18	1.92	0.50	4.27	1.70	1.28	2.98	3.40X	1.05	
QQE7NB	4.79	-0.46	1.48	5.41	-1.29	0.66	5.26	-0.91	1.63	3.50	-0.90	1.93	2.26	-0.90	0.76	
QWEUW3	4.94	-0.24	0.08	6.17	0.44	0.22	5.52	-0.10	0.10	3.72	-0.14	0.06	2.37	-0.24	0.27	
R7ZBAA	5.05	-0.08	0.33	6.25	0.60	0.22	5.53	-0.08	1.16	3.48	-0.96	1.28	2.31	-0.60	1.50	
TXQ7WJ	4.87	-0.35	0.76	5.77	-0.48	0.33	5.27	-0.89	0.72	3.50	-0.90	1.01	2.27	-0.84	0.75	
UBNKNZ	4.27	-1.24	0.38	7.40	3.21X	0.00	6.10	1.68	1.66	3.70	-0.22	1.01	2.40	-0.04	1.30	
UCKX98	5.13	0.04	0.30	5.73	-0.56	0.38	5.55	-0.01	0.63	3.75	-0.05	0.50	2.43	0.14	0.78	
UJHPG2	5.10	0.00	0.66	6.13	0.35	0.33	5.70	0.44	0.63	3.83	0.23	0.58	2.50	0.56	1.30	
VENBA7	3.77	-1.99	0.38	5.47	-1.16	0.33	4.93	-1.92	0.36	3.17	-2.03	0.58	2.10	-1.83	0.00	
VT7XMB	5.73	0.94	0.94	5.39	-1.32	0.35	5.25	-0.95	0.53	3.91	0.49	0.71	2.41	0.00	0.98	
X78BW7	5.85	1.12	0.59	6.29	0.69	0.03	5.87	0.98	0.30	4.17	1.38	0.44	2.58	1.05	0.53	
XPTAR4	5.70	0.90	0.69	6.13	0.35	0.59	5.52	-0.11	2.82	3.95	0.64	0.83	2.49	0.50	1.02	
XYKHK8	5.89	1.18	0.37	6.59	1.37	0.35	6.15	1.84	1.70	4.30	1.81	1.21	2.79	2.27	1.35	
Y73BCW	4.96	-0.21	0.53	6.13	0.33	0.54	5.60	0.12	0.20	3.73	-0.11	0.83	2.38	-0.17	0.18	
YKZMHF	5.30	0.30	1.14	5.57	-0.93	0.87	5.23	-1.00	1.30	3.50	-0.90	1.75	2.27	-0.84	0.75	
YWCTV4	4.64	-0.69	0.24	5.91	-0.16	0.23	5.49	-0.20	0.31	3.78	0.05	0.30	2.35	-0.32	0.33	
Z4P4H3	4.93	-0.25	0.38	5.97	-0.03	0.33	5.47	-0.28	0.96	3.63	-0.45	0.58	2.43	0.16	0.75	

SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups														Data units: Percent		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	5.10			5.98			5.56			3.77			2.41			
Median Abs Dev	0.27			0.25			0.16			0.15			0.09			
Avg Within Lab SD	0.15			0.17			0.16			0.10			0.08			
Labs Included	43			43			44			44			43			
Labs Reporting	44			44			44			44			44			



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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
74PA6Q	5.60		0.97	5.73		1.71	5.63		1.76	3.90		1.78	2.50			
EVMY7C	7.90		1.68	6.60		0.00	6.13		0.49	4.40		0.00	2.70		0.00	
GTRT8X	4.00		0.50	5.02		0.59	4.85		0.20	3.25		0.72	2.19		1.38	
NENXQH	4.88		0.10	5.86		0.85	5.47		0.79	3.75		0.57	2.38		1.05	

SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median		5.24			5.80			5.55			3.82			2.44		
Median Abs Dev																
Avg Within Lab SD		0.10			0.03			0.12			0.10			0.03		
Labs Included		4			4			4			4			4		
Labs Reporting		4			4			4			4			4		



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CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
28JJ82	2.15	0.00	0.25	4.37	-1.15	0.25				0.61	0.00	0.05	1.98	-0.14	0.26	
86YJV3	1.50	-0.24		5.07	-0.93	0.14	0.37	-0.09	0.26	0.20	-0.57	0.00	1.80	-0.41	0.00	
CARCQR	2.14	0.00	0.17	4.03	-1.25	0.11				0.63	0.02	0.09	1.56	-0.74	0.06	
ENN97V	5.47	1.23	1.65	10.73	0.86	0.94	0.57	0.17	1.61	1.10	0.68	1.02	3.30	1.72	0.79	
EVMY7C	2.27	0.04	0.64	4.78	-1.02	0.19	0.44	0.00	0.10	0.55	-0.08	0.23	2.09	0.00	0.12	
JT62BH				8.92	0.29	0.10										
Q7LCTF				5.15	-0.90	0.70										
QPG6ED	0.51	-0.61	0.18	8.86	0.27	1.91	0.42	-0.03	0.57	0.27	-0.48	0.22	2.47	0.55	0.39	
QQE7NB	5.98	1.42	1.90	9.41	0.44	1.56	2.58	2.80	1.73	2.19	2.20	2.62	3.56	2.08	2.67	
XPTAR4	0.08	-0.77	0.06	8.01	0.00	1.60	0.20	-0.30	0.04	0.37	-0.33	0.81	1.97	-0.16	0.64	
XYKHK8	6.90	1.76	1.05	9.05	0.33	0.91	1.45	1.33	1.01	1.84	1.71	0.58	2.28	0.27	0.76	

CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	2.15			8.01			0.44			0.61			2.09			
Median Abs Dev	1.64			2.73			0.13			0.35			0.29			
Avg Within Lab SD	0.25			0.40			0.22			0.26			0.33			
Labs Included	9			11			7			9			9			
Labs Reporting	9			11			7			9			9			



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	43.0	-0.1	0.1	13.0	-0.7	0.3	12.0	-0.4	0.5	20.6	-0.3	0.4	8.4	-0.8	0.2	
7QMJNR	44.4	0.0	0.0	17.5	0.4	0.3	13.4	0.0	0.1	21.7	0.0	0.1	9.7	0.0	0.4	
D7RHCM	67.2	2.2	1.5	21.4	1.4	2.0	18.7	1.4	0.6	27.3	1.4	2.3	13.1	1.9	0.5	
ENN97V	53.2	0.8	1.7	19.5	0.9	0.8	21.3	2.1	0.8	27.8	1.5	1.2	12.4	1.5	0.7	
EVMY7C	47.8	0.3	1.3	15.9	0.0	0.8	13.6	0.0	0.3	22.2	0.1	0.2	9.5	-0.1	0.8	
KEGLCB	37.6	-0.7	0.4	13.2	-0.7	1.3	12.8	-0.2	1.2	20.2	-0.4	1.0	9.8	0.1	1.7	
QQE7NB	32.5	-1.1	0.9	13.5	-0.6	0.9	11.1	-0.6	2.3	18.0	-0.9	0.1	8.7	-0.6	1.9	
VENBA7	48.3	0.4	0.3	16.5	0.1	0.1	17.0	0.9	0.1	25.3	0.9	0.3	10.9	0.7	0.3	
YKZMHF	39.8	-0.4		10.8	-1.3		11.6	-0.5		19.2	-0.6		8.9	-0.5		

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups														Data units: cmol/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	44.4			15.9			13.4			21.7			9.73			
Median Abs Dev	4.6			2.7			1.9			2.5			1.07			
Avg Within Lab SD	2.9			0.9			0.9			1.1			0.36			
Labs Included	9			9			9			9			9			
Labs Reporting	9			9			9			9			9			



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CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups														Data units: cmol/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2YPEEZ	65.1	2.9X	0.0	36.4	4.8X	0.4	25.7	4.7X	0.6	30.1	4.2X	0.1	19.4	2.1	0.2	
4ED4Q9	34.4	-1.4	0.2	27.1	2.3	0.0	10.8	0.0	0.2	18.3	-0.2	0.2	20.1	2.3	1.3	
877VD4	46.3	0.3	0.4	20.7	0.5	1.0	8.9	-0.6	0.1	18.0	-0.3	1.1	10.3	0.0	1.0	
CBNPHQ	44.3	0.0	0.7	17.7	-0.3	0.4	12.2	0.4	1.0	19.8	0.4	2.2	9.2	-0.3	1.7	
D7RHCM	43.5	-0.1	0.6	20.8	0.5	1.5	14.5	1.2	3.0	23.7	1.8	1.6	13.0	0.6	1.5	
JDRQHP	42.5	-0.2	0.7	16.9	-0.5	0.4	8.7	-0.7	0.2	18.1	-0.3	0.5	10.2	0.0	0.7	
JT4EMD	58.1	1.9	1.4	24.1	1.4	2.1	9.9	-0.3	0.5	22.3	1.3	1.2	13.3	0.7	1.2	
NENXQH	38.5	-0.8	0.6	12.7	-1.7	0.2	6.9	-1.2	0.1	17.5	-0.5	0.2	7.6	-0.6	0.1	
QWEUW3	52.6	1.1	0.1	18.9	0.0	0.5	15.8	1.6	0.1	23.3	1.6	0.4	9.0	-0.3	0.6	
UBNKNZ	38.2	-0.8	0.3	18.8	0.0	0.9	9.0	-0.6	0.3	18.3	-0.2	0.4	9.8	-0.1	0.5	
UCKX98	47.6	0.5	2.5	18.3	-0.1	1.1	13.1	0.7	0.4	18.9	0.0	0.2	9.6	-0.2	0.8	
XYKHK8	46.5	0.3	0.6	18.8	0.0	0.8	11.3	0.2	0.3	21.1	0.8	0.4	13.7	0.8	0.9	

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups														Data units: cmol/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	44.3			18.8			10.8			18.9			10.3			
Median Abs Dev	3.3			1.8			1.8			1.0			2.0			
Avg Within Lab SD	1.3			0.6			0.9			0.9			0.6			
Labs Included	11			11			11			11			12			
Labs Reporting	12			12			12			12			12			



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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4JKY3W	1.32	0.36	0.43	1.10	-0.27	0.14	0.94	-0.54	0.29	1.20	-0.61	0.17	1.03	-0.44	0.16	
6HBC4H	1.33	0.45	0.50	1.29	0.96	0.28	1.05	0.63	0.39	1.34	0.67	0.17	1.25	0.99		
7QMJNR	1.44	1.96	0.00	1.35	1.38	0.00	1.10	1.19	0.00	1.40	1.19	0.00	1.33	1.52	0.00	
JT4EMD	1.19	-1.34	2.23	1.07	-0.51	1.49	0.99	0.00	1.28	1.27	0.00	1.15	1.10	0.00	1.48	
NQYCNB	1.29	-0.04	0.87	1.13	-0.11	1.62	0.95	-0.43	1.57	1.20	-0.67	1.48	1.10	0.00	1.12	
XPTAR4	1.25	-0.58	0.87	1.14	0.00	1.34	0.95	-0.42	1.52	1.20	-0.67	1.83	1.09	-0.09	1.54	
XYKHK8	1.29	0.00	0.25	1.37	1.49	0.51	1.13	1.51	0.58	1.37	0.91	0.29	1.35	1.68	0.43	

Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	1.29			1.14			0.99			1.27			1.10			
Median Abs Dev	0.03			0.08			0.05			0.07			0.07			
Avg Within Lab SD	0.02			0.04			0.03			0.03			0.04			
Labs Included	7			7			7			7			7			
Labs Reporting	7			7			7			7			7			



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	10.0	-1.8		56.0	-0.6		26.0	-0.9		14.0	-1.9		18.0	-1.2		
2JFLQX	16.3	-0.6	1.0	59.2	0.0	0.6	27.9	-0.6	0.5	22.5	-0.2		20.4	-0.7	0.5	
2YPEEZ	1.7	-3.4X	0.0	58.2	-0.2	1.2	20.6	-1.7	0.5	15.0	-1.7	1.0	10.5	-2.8X	1.0	
4ED4Q9	62.2	8.0X		28.1	-5.5X		22.2	-1.5		20.2	-0.7		18.3	-1.2		
6HBC4H	16.7	-0.5	0.9	64.0	0.8		34.0	0.4		22.0	-0.3		24.7	0.1	0.9	
7QMJNR	23.0	0.6		59.0	-0.1		33.3	0.3	0.4	25.0	0.3		25.0	0.2		
877VD4	11.3	-1.6	0.4	89.7	5.3X	1.3	27.7	-0.6	0.4	21.0	-0.5		19.7	-0.9	2.2	
AZBTFG	20.3	0.1	0.9	59.7	0.0	1.0	29.7	-0.3	0.7	19.0	-0.9		19.7	-0.9	0.9	
CBNPHQ	20.5	0.2	1.5	58.5	-0.2	1.6	31.9	0.1	1.4	27.2	0.7	1.2	25.2	0.2	0.8	
EVMY7C	19.4	0.0	0.5	62.3	0.5	0.6	35.8	0.7	0.4	23.9	0.1	1.5	22.7	-0.3	0.2	
F9T3DR	22.0	0.5	1.3	66.7	1.3	1.0	38.7	1.2	0.7	23.0	-0.1		24.3	0.1	0.9	
JW2RB3	16.6	-0.6	2.5	61.8	0.4	0.2	23.5	-1.3	0.5	19.1	-0.9	0.5	19.2	-1.0	0.2	
NENXQH	31.0	2.2		61.0	0.3		41.0	1.6		31.0	1.5		31.0	1.4		
NQYCNB	19.5	0.0	1.0	55.9	-0.6	0.9	32.2	0.1	3.0	23.1	-0.1	0.9	22.7	-0.3	0.9	
PYTUMJ	25.5	1.1	0.2	58.5	-0.2	0.3	30.8	-0.1	0.5	26.8	0.7	0.4	28.9	1.0	0.3	
Q7LCTF	17.2	-0.5	1.1	71.2	2.1	0.4	36.9	0.9	1.1	24.0	0.1	0.6	22.5	-0.3	0.9	
R4VPDX	14.8	-0.9	0.0	58.9	-0.1	0.6	29.4	-0.3	0.5	21.4	-0.4	0.9	17.7	-1.3	0.5	
UCKX98	22.0	0.5	0.0	66.1	1.2	2.8	34.5	0.5	1.6	30.0	1.3	1.6	26.3	0.5	0.0	
UJHPG2	21.3	0.3	0.9	58.7	-0.1	1.0	30.0	-0.2		26.0	0.5		26.0	0.4	2.6	
VENBA7	10.7	-1.7	0.0	66.2	1.2	0.6	23.6	-1.3	0.2	18.4	-1.0	0.1	15.6	-1.7	0.1	
VT7XMB	21.1	0.3	0.0	71.4	2.1	0.0	35.4	0.7	0.0	27.4	0.8	0.0	27.3	0.7	0.0	
XYKHK8	19.7	0.0	0.4	57.7	-0.3	0.5	33.7	0.4	0.4	25.7	0.4	0.7	24.7	0.1	0.4	
Y73BCW	22.0	0.5		58.7	-0.1	0.5	30.7	-0.1	0.4	29.7	1.2	0.7	28.0	0.8		
Z4P4H3	17.4	-0.4	1.2	73.9	2.5	0.0	34.4	0.5	1.0	24.4	0.2	1.8	24.0	0.0	1.1	



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups						Data units: Percent
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	19.6	59.4	31.3	23.5	24.0	
Median Abs Dev	2.4	2.1	3.3	2.9	3.3	
Avg Within Lab SD	1.3	1.2	1.6	0.8	1.3	
Labs Included	22	22	24	24	23	
Labs Reporting	24	24	24	24	24	



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	34.5	0.1	0.6	31.1	0.3	0.7	58.5	0.6	0.9	49.1	0.6	1.0	63.8	0.4	0.0	
2JFLQX	38.3	0.5	0.4	32.5	0.5	0.8	58.8	0.7		47.1	0.4	0.6	65.0	0.5		
2YPEEZ	39.2	0.6	0.8	34.0	0.7	0.8	62.5	1.2	1.1	50.7	0.8	0.7	72.2	1.5	0.5	
4ED4Q9	27.8	-0.7		51.9	3.1X		39.8	-1.9		59.8	1.9		27.7	-4.4X		
6HBC4H	27.3	-0.8	0.6	22.0	-1.0		46.0	-1.1		36.0	-1.0		51.3	-1.3	0.7	
7QMJNR	34.0	0.0		36.0	0.9		58.0	0.6	0.8	50.0	0.7		62.0	0.1		
877VD4	33.0	-0.1	1.6	1.0	-3.9X		49.3	-0.6	0.9	39.0	-0.6	0.9	52.7	-1.1	1.6	
AZBTFG	23.0	-1.3		27.7	-0.2	1.4	51.7	-0.3	0.9	38.3	-0.7	1.0	58.3	-0.3	0.7	
CBNPHQ	33.9	0.0	1.8	37.2	1.1	1.8	59.2	0.7	2.4	43.9	0.0	1.8	62.5	0.2	1.4	
EVMY7C	34.9	0.1	0.0	33.4	0.6	0.4	57.8	0.5	0.6	48.4	0.5	1.6	65.8	0.6	0.3	
F9T3DR	25.7	-1.0	0.6	19.0	-1.4		44.3	-1.3	0.9	39.0	-0.6		57.0	-0.5		
JW2RB3	47.3	1.6	0.4	29.9	0.1	0.6	56.8	0.4	0.6	48.2	0.5	0.2	66.5	0.7	0.3	
NENXQH	50.0	2.0		32.0	0.4		50.0	-0.5		50.0	0.7		54.0	-0.9		
NQYCNB	36.7	0.3	2.8	35.6	0.9	2.0	57.1	0.4	0.6	46.7	0.3	1.6	63.8	0.4	1.2	
PYTUMJ	26.0	-1.0	0.1	27.1	-0.3	0.2	46.8	-1.0	0.6	38.2	-0.7	0.2	52.8	-1.1	0.3	
Q7LCTF	47.5	1.7	0.6	25.9	-0.5	0.2	57.1	0.4	1.3	51.7	0.9	0.6	66.4	0.7	0.4	
R4VPDX	30.2	-0.5	0.0	28.6	-0.1	0.5	50.6	-0.4	0.6	38.8	-0.6	0.6	60.9	0.0	1.2	
UCKX98	33.2	-0.1	1.4	26.4	-0.4	2.0	53.6	0.0	1.1	40.8	-0.4	1.4	57.3	-0.5	0.8	
UJHPG2	34.3	0.0	0.3	35.7	0.9	0.7	54.0	0.0		44.0	0.0		60.7	0.0	2.6	
VENBA7	39.4	0.7	0.3	26.5	-0.4	0.3	59.2	0.7	0.5	51.0	0.9	0.5	69.8	1.2	0.3	
VT7XMB	27.2	-0.8	0.0	16.9	-1.7	0.0	40.8	-1.8	0.0	35.0	-1.1	0.0	51.0	-1.3		
XYKHK8	29.0	-0.6	0.9	33.0	0.5	0.6	54.7	0.1	0.9	39.3	-0.6	0.5	58.7	-0.3	0.9	
Y73BCW	23.7	-1.3	0.3	25.7	-0.5	0.7	51.0	-0.4	0.8	35.3	-1.0	0.5	48.3	-1.7	0.4	
Z4P4H3	36.3	0.3	0.9	17.4	-1.6	0.9	51.4	-0.3	1.2	38.7	-0.6	1.4	61.3	0.0	0.9	



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups						Data units: Percent
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	33.9	29.2	53.8	43.9	60.9	
Median Abs Dev	5.1	3.7	4.1	5.2	4.1	
Avg Within Lab SD	1.9	1.6	1.3	1.1	1.6	
Labs Included	24	22	24	24	23	
Labs Reporting	24	24	24	24	24	



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups

Data units: Percent

WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
29V4C6	55.53	0.78	0.55	12.87	0.79	1.14	15.53	-0.07	0.87	36.87	0.44	1.07	18.20	0.36	0.00
2JFLQX	45.42	-0.46	0.34	8.33	-0.04	0.71	13.33	-0.43	0.54	30.42	-0.40	0.67	14.58	-0.35	0.79
2YPEEZ	59.13	1.22	0.76	7.80	-0.14	1.28	16.83	0.13	0.61	34.33	0.11	1.25	17.23	0.17	0.73
4ED4Q9	10.00	-4.79X		20.00	2.09		38.00	3.52X		20.00	-1.74		54.04	7.38X	
6HBC4H	56.00	0.83		14.00	1.00		20.00	0.64		42.00	1.10		24.00	1.49	
7QMJNR	43.00	-0.76		5.00	-0.65		8.67	-1.17	0.44	25.00	-1.10		13.00	-0.66	
877VD4	58.00	1.08		19.33	1.97	0.57	20.33	0.69	1.15	39.33	0.76	1.07	25.67	1.82	1.27
AZBTFG	56.67	0.91	0.55	12.67	0.75	1.14	18.67	0.43	0.87	42.67	1.19	1.07	22.00	1.10	
CBNPHQ	45.60	-0.44	0.95	4.27	-0.79	1.14	8.93	-1.13	0.87	28.93	-0.59	1.07	12.27	-0.80	1.27
EVMY7C	45.67	-0.43	0.35	4.40	-0.76	0.10	6.47	-1.52	0.44	27.77	-0.74	0.63	11.50	-0.95	0.19
F9T3DR	52.33	0.39	0.27	14.33	1.06	1.14	17.00	0.16		38.00	0.58		18.67	0.45	1.27
JW2RB3	36.19	-1.59	1.89	8.32	-0.05	1.00	19.64	0.58	0.06	32.63	-0.11	0.39	14.34	-0.40	0.22
NENXQH	19.00	-3.69X		7.00	-0.29		9.00	-1.12		19.00	-1.87		15.00	-0.27	
NQYCNB	43.87	-0.65	2.93	8.47	-0.02	2.13	10.73	-0.84	3.17	30.13	-0.43	1.67	13.53	-0.55	2.04
PYTUMJ	48.53	-0.08	0.12	14.16	1.02	0.21	22.40	1.02	0.31	35.00	0.20	0.52	18.33	0.39	0.13
Q7LCTF	35.38	-1.69	0.24	2.91	-1.04	0.25	6.01	-1.60	0.14	24.29	-1.19	0.53	11.13	-1.03	0.68
R4VPDX	55.00	0.71		12.50	0.72		20.00	0.64		39.80	0.82	0.16	20.03	0.72	0.32
UCKX98	44.87	-0.53	1.26	7.47	-0.20	1.04	11.93	-0.65	1.09	29.27	-0.54	0.27	16.37	0.00	1.37
UJHPG2	44.33	-0.59	0.27	5.97	-0.48	0.97	16.00	0.00		30.00	-0.45		13.33	-0.59	1.27
VENBA7	49.83	0.08	0.24	7.27	-0.24	0.91	17.27	0.20	0.50	30.57	-0.38	0.43	14.57	-0.35	0.51
VT7XMB	51.72	0.31	0.00	11.68	0.57	0.00	23.76	1.24	0.00	37.60	0.53	0.00	21.68	1.04	0.00
XYKHK8	52.00	0.34	1.26	9.67	0.20	0.57	12.33	-0.59	0.44	35.67	0.28	0.54	17.67	0.25	1.27
Y73BCW	54.33	0.63	0.27	15.67	1.30	0.57	18.33	0.37	0.44	35.00	0.20	0.93	23.67	1.43	0.63
Z4P4H3	46.30	-0.35	0.00	8.67	0.02	1.48	14.20	-0.29	1.18	36.93	0.45	2.46	14.67	-0.33	1.58



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups						Data units: Percent
	SRS1901	SRS1902	SRS1903	SRS1904	SRS1905	
Grand Median	49.2	8.57	16.0	33.5	16.4	
Median Abs Dev	5.0	3.75	4.0	4.2	2.8	
Avg Within Lab SD	2.1	1.01	1.3	1.1	0.9	
Labs Included	22	24	23	24	23	
Labs Reporting	24	24	24	24	24	



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Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups															Data units: %
SRS1901				SRS1902			SRS1903			SRS1904			SRS1905		
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
Q7LCTF	37.9		1.0	20.0		1.0	26.9		1.0	33.3		1.0	27.9		1.0

Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups						Data units: %			
SRS1901		SRS1902		SRS1903		SRS1904		SRS1905	
Grand Median	37.9	20.0	26.9	33.3	27.9				
Median Abs Dev									
Avg Within Lab SD	0.3	0.3	0.4	0.2	0.4				
Labs Included	1	1	1	1	1				
Labs Reporting	1	1	1	1	1				



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Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905		
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			
Q7LCTF	22.17		1.00	8.38		1.00	8.04		1.00	16.28		1.00	8.52		1.00			

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups														Data units: %				
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905		
Grand Median	22.2			8.38			8.04			16.3			8.52					
Median Abs Dev																		
Avg Within Lab SD	0.3			0.18			0.04			0.3			0.31					
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: %		
SRS1901				SRS1902				SRS1903				SRS1904			SRS1905		
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		
Q7LCTF	15.8		1.0	11.6		1.0	18.8		1.0	17.0		1.0	19.4		1.0		

Available Water Content (SubTestCode 194) in the Moisture Property Groups						Data units: %			
SRS1901		SRS1902		SRS1903		SRS1904		SRS1905	
Grand Median	15.8	11.6	18.8	17.0	19.4				
Median Abs Dev									
Avg Within Lab SD	0.1	0.1	0.4	0.1	0.1				
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				
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905		
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			
2YPEEZ	860.0		1.0	853.9		1.4	825.4		0.4	699.0		0.9	297.8		1.3			
TXQ7WJ	1,052.6		1.0	1,033.2		0.4	926.5		1.4	813.3		1.1	367.9		0.5			
Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups														Data units: mg/kg				
SRS1901				SRS1902				SRS1903				SRS1904				SRS1905		
Grand Median	956.3			943.5			875.9			756.1			332.9					
Median Abs Dev																		
Avg Within Lab SD	13.1			7.5			25.3			14.5			8.0					
Labs Included	2			2			2			2			2					
Labs Reporting	2			2			2			2			2					



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DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
WebCode	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7QMJNR	15.00		0.64	10.00			33.33		0.53	15.00			95.00		0.21	
KEGLCB	24.33		1.60	10.00		1.36	34.67		1.65	21.33		1.41	101.00		1.71	
VFJN26	12.30		0.19	8.43		0.37	33.64		0.09	14.36		0.09	77.66		0.14	
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups														Data units: mg/kg		
	SRS1901			SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	15.0			10.00			33.6			15.0			95.0			
Median Abs Dev																
Avg Within Lab SD	1.6			0.73			4.7			1.1			4.8			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



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DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg		
SRS1901				SRS1902			SRS1903			SRS1904			SRS1905			
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	
7QMJNR				1.00			31.67		0.32	2.00						
KEGLCB	0.23		1.21	1.70		1.40	30.93		1.69	2.58		1.39	3.41		1.41	
Q7LCTF	0.34		0.73	3.38		0.20	50.53		0.17	3.87		0.29	2.30		0.06	
DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg		
SRS1901				SRS1902			SRS1903			SRS1904			SRS1905			
Grand Median	0.29			1.70			31.7			2.58			2.85			
Median Abs Dev																
Avg Within Lab SD	0.16			0.41			3.6			0.41			1.77			
Labs Included	2			3			3			3			2			
Labs Reporting	2			3			3			3			2			



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Dry Matter (%) (SubTestCode 201)														Data units: Percent	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
2JFLQX	94.2	-0.4	0.0	93.6	0.0	0.1	93.2	-0.3	0.6	93.1	-0.2	0.4			
2YPEEZ	94.9	0.2	0.1	94.4	0.6	1.8	94.0	0.4	1.3	93.6	0.3	0.3			
49T7ZZ	93.5	-1.0	0.0	93.4	-0.2	0.0	92.7	-0.7	0.0	92.4	-1.0	0.0			
4ED4Q9	94.7	0.0	0.3	93.8	0.2	0.9	94.1	0.5	0.6	94.4	1.1	0.7			
6BAWGV	96.2	1.2	0.0	94.8	1.0	0.0	94.6	0.9	0.0	95.0	1.7				
7QMJNR	94.3	-0.4	0.0	93.5	-0.1	0.0	93.5	0.0	0.0	93.4	0.0	0.0			
9J8WHR	96.1	1.1	0.0	96.0	2.0		95.0	1.3		97.1	3.8X	0.0			
EJTHGB	93.6	-0.9	0.2	93.5	-0.1	0.2	93.2	-0.3	0.2	93.6	0.3	1.7			
F8REPM	92.0	-2.2		92.0	-1.4		92.0	-1.3		92.0	-1.4				
JDQ3VJ	96.5	1.4	0.0	95.5	1.6	0.0	95.4	1.6	0.0	95.0	1.7	0.0			
JT62BH	94.7	0.0	3.9	93.2	-0.4	0.6	92.8	-0.7	1.0	92.5	-0.8	2.0			
KJBFHP	94.8	0.1	0.0	94.4	0.7	0.0	94.4	0.7	0.0	93.4	0.1	0.0			
QQE7NB	94.0	-0.6	0.3	93.4	-0.2	1.8	93.3	-0.2	2.6	93.3	0.0	1.1			
QWEUW3	95.4	0.5	0.1	95.4	1.5	1.1	95.1	1.3	0.5	94.5	1.2	0.5			
TXQ7WJ	95.1	0.3	0.0	94.8	1.0	0.2	93.9	0.3	1.0	93.3	-0.1	0.7			
UCKX98	93.8	-0.7	0.3	93.4	-0.2	2.4	92.7	-0.7	1.6	92.9	-0.4	0.8			
Y73BCW	94.0	-0.5	0.3	93.1	-0.4	0.6	93.3	-0.2	1.0	92.8	-0.5	1.9			

Dry Matter (%) (SubTestCode 201)														Data units: Percent	
	SRB1901			SRB1902			SRB1903			SRB1904					
Grand Median	94.7			93.6			93.5			93.3					
Median Abs Dev	0.7			0.5			0.8			0.5					
Avg Within Lab SD	0.5			0.1			0.1			0.1					
Labs Included	17			17			17			16					
Labs Reporting	17			17			17			17					



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NO3 - N Cd Rd. (SubTestCode 202)											Data units: mg/kg		
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	767.8	0.1	1.4	22,426.5	1.0	0.5	41.1	0.0	0.6	66.3	-0.1	0.8	
2XUQZC	830.2	0.6	0.3	20,882.2	0.5	0.4	64.8	0.6	0.0	101.3	1.4	0.5	
4728L3	520.0	-1.9	1.9	14,246.7	-1.6	1.8	37.7	0.0	0.5	72.3	0.2	2.5	
74PA6Q	759.0	0.0	1.0	17,145.0	-0.7	0.4	705.3	16.6X	2.5	47.5	-0.9	0.8	
CBNPHQ	799.0	0.4	1.7	21,466.7	0.7	0.7	75.1	0.9	0.8	133.1	2.7	2.0	
EJTHGB	237.8	-4.2X	4.0	19,400.2	0.0	2.3	147.0	2.7	3.1	277.8	8.6X	1.3	
JT62BH	710.7	-0.4	0.3	17,744.0	-0.5	0.1	18.2	-0.5	0.1	77.0	0.4	0.3	
QQE7NB	900.3	1.2	1.6	22,738.0	1.1		27.0	-0.3		72.3	0.2	0.1	
QWEUW3	161.8	-4.9X	0.1	1,796.8	-5.6X	0.1	414.4	9.3X	0.1	191.6	5.1X	0.3	
R4VPDX	752.0	0.0	0.4	20,766.7	0.4	0.4				73.0	0.2	0.6	
TXQ7WJ	728.2	-0.2	0.5	19,533.7	0.0	0.5	28.1	-0.3	0.0	67.1	-0.1	0.3	
UJHPG2	873.7	1.0	0.4	21,033.3	0.5	0.7	16.9	-0.6	0.1	45.6	-0.9	0.0	
VFJN26	728.3	-0.2	0.6	19,065.0	-0.1	0.3							
Y73BCW	573.5	-1.5	0.9	15,432.5	-1.3	1.1	76.6	0.9	0.1	31.4	-1.5	0.3	
YKZMHF	876.0	1.0	0.3	18,993.3	-0.1	1.3	25.7	-0.3	0.2	68.3	0.0	0.1	
ZQ2WP9	639.3	-1.0	0.3	14,267.0	-1.6	0.9	74.3	0.9	0.5	58.7	-0.4	0.8	

NO3 - N Cd Rd. (SubTestCode 202)											Data units: mg/kg		
	SRB1901			SRB1902			SRB1903			SRB1904			
Grand Median	755.5			19,400.2			39.4			68.3			
Median Abs Dev	59.7			1,656.2			21.8			8.6			
Avg Within Lab SD	24.9			808.3			29.9			11.0			
Labs Included	14			15			12			13			
Labs Reporting	16			16			14			15			



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NO3 - N ISE (SubTestCode 203)													Data units: mg/kg
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
49T7ZZ	846.5	-0.1	0.1	18,465.4	0.0	0.0	433.7	0.2	0.8	263.7	0.4	0.1	
7QMJNR	725.0	-0.4		18,740.0	0.1	0.0	321.7	-0.2	1.0	171.7	-0.8	0.2	
838KG4	888.3	0.1	0.2	22,400.0	0.7	0.2	226.7	-0.6	1.2	204.0	-0.4	1.4	
D7RHCM	1,013.6	0.4	0.7	15,126.9	-0.6	2.4	331.7	-0.2	1.2	170.5	-0.8	0.8	
JDRQHP	1,313.3	1.2	2.1	18,133.3	0.0	0.1	640.0	1.0	0.9	280.3	0.6	1.8	
NBNLUH	155.7	-1.9	0.0	3,524.7	-2.6	0.0	867.1	1.8	0.6	318.3	1.1	0.2	

NO3 - N ISE (SubTestCode 203)					Data units: mg/kg
	SRB1901	SRB1902	SRB1903	SRB1904	
Grand Median	867.4	18,299.3	382.7	233.9	
Median Abs Dev	144.3	1,806.6	108.6	54.3	
Avg Within Lab SD	64.9	4,600.7	18.1	16.8	
Labs Included	6	6	6	6	
Labs Reporting	6	6	6	6	



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NO3 - N Oth. (SubTestCode 204)												Data units: mg/kg
WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2YPEEZ	1,400.0	0.0	0.1	21,158.3	0.0	0.2	523.3		0.4	928.3	0.0	0.0
D7RHCM	3,590.8	1.7	2.2	18,597.5	-1.0	1.3	2,928.3		1.9	5,140.8	1.9	2.2
DH3XBF	2,553.4	0.9	0.1	23,994.4	1.1	0.7	1,581.8		0.2	2,542.2	0.7	0.2
KJBFHP	901.3	-0.4	0.1	20,031.3	-0.4	1.5				96.0	-0.4	0.0
NJF9G9	886.1	-0.4	0.1	23,360.5	0.9	0.6	24.9		0.2	58.2	-0.4	0.4

NO3 - N Oth. (SubTestCode 204)												Data units: mg/kg
	SRB1901			SRB1902			SRB1903			SRB1904		
Grand Median	1,400.0			21,158.3			1,052.6			928.3		
Median Abs Dev	513.9			2,202.1						870.1		
Avg Within Lab SD	250.0			933.5			193.7			289.6		
Labs Included	5			5			4			5		
Labs Reporting	5			5			4			5		



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NH4-N (SubTestCode 205)										Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
NJF9G9	276.6		1.5	2,195.8		0.3	635.2		1.7	304.0	1.7
QQE7NB	122.3		0.1	169.0			226.7		0.1	101.7	0.1
QWEUW3	748.8		0.8	21,080.6		1.4	16.0		0.0	57.3	0.0
NH4-N (SubTestCode 205)										Data units: mg/kg	
	SRB1901			SRB1902			SRB1903			SRB1904	
Grand Median	276.6			2,195.8			226.7			101.7	
Median Abs Dev											
Avg Within Lab SD	24.3			531.4			35.4			23.3	
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	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XUQZC	465.0	-0.6	0.4	3,790.7	0.1	0.2	1,774.4	-0.3	0.1	744.1	-1.0	0.0	
7QMJNR	646.7	0.5	0.5	3,633.3	-0.4	0.0	1,833.3	0.0	0.1	853.3	0.8	0.3	
CBNPHQ	535.0	-0.2	0.5	3,566.7	-0.6	0.5	2,060.0	1.2	0.2	810.7	0.1	1.0	
D7RHCM	1,423.0	5.3X	16.2	3,383.3	-1.1	2.3	1,558.7	-1.4	3.2	1,877.7	17.8X	29.7	
DH3XBF	857.5	1.8	0.8	4,527.8	2.2	1.4	2,036.7	1.1	0.2	741.1	-1.1	0.8	
EJTHGB	736.5	1.1	2.9	3,302.5	-1.3	1.4	1,558.1	-1.4	0.5	817.1	0.2	2.4	
JDRQHP	596.7	0.2	0.5	3,760.0	0.0	0.2	1,836.7	0.0	0.1	806.7	0.0	0.6	
QQE7NB	585.0	0.2	0.1	3,930.7	0.5	0.3	2,047.3	1.1	0.1	835.0	0.5	0.3	
R4VPDX	433.3	-0.8	0.1	3,766.7	0.0	0.4	1,776.7	-0.3	0.0	723.3	-1.4	0.1	
VFJN26	375.0	-1.1	0.1	3,786.7	0.1	0.1	1,808.3	-0.1	0.1	701.7	-1.7	0.3	
ZQ2WP9	525.7	-0.2	0.5	4,162.7	1.2	1.1	1,930.7	0.5	0.6	806.0	0.0	1.5	

PO4 - P (SubTestCode 206)					Data units: mg/kg	
	SRB1901	SRB1902	SRB1903	SRB1904		
Grand Median	560.0	3,766.7	1,833.3	806.3		
Median Abs Dev	90.8	164.0	97.3	37.8		
Avg Within Lab SD	72.5	380.6	217.6	55.8		
Labs Included	10	11	11	10		
Labs Reporting	11	11	11	11		



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SO4 - S (SubTestCode 207)										Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
49T7ZZ	420.6		0.2	2,348.5		0.8	700.6		1.3	1,482.1	0.6
7QMJNR	333.3		1.7	2,066.7		1.1	200.0			666.7	1.5
QQE7NB	316.7		0.2	2,056.3		1.1	581.7		0.4	1,182.7	0.7
SO4 - S (SubTestCode 207)										Data units: mg/kg	
	SRB1901			SRB1902			SRB1903			SRB1904	
Grand Median	333.3			2,066.7			581.7			1,182.7	
Median Abs Dev											
Avg Within Lab SD	34.0			51.5			19.3			39.7	
Labs Included	3			3			3			3	
Labs Reporting	3			3			3			3	



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CI (SubTestCode 208)												Data units: Percent	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2YPEEZ	0.24	-0.05	0.00	1.02	-0.14	0.05	0.34	0.00	0.14	0.08	-0.40	0.33	
74PA6Q	0.24	-0.09	0.15	0.99	-0.33	0.05	0.32	-0.45	0.67	0.09	-0.11	0.59	
7QMJNR	0.32	0.81	0.00	1.24	1.13	0.05	0.45	2.04	0.14	0.14	0.74	0.00	
CBNPHQ	0.49	2.70	1.18	1.26	1.21	0.97	0.44	1.97	1.57	0.41	5.54X	3.76	
D7RHCM	0.35	1.14	2.76	0.11	-5.41X	0.05	0.21	-2.60X	5.45	0.39	5.20X	1.00	
DH3XBF	0.26	0.15	1.02	1.29	1.41	3.81	0.30	-0.83	0.35	0.09	-0.23	2.32	
JDRQHP	0.28	0.42	0.41	1.06	0.05	0.38	0.39	0.85	0.36	0.13	0.50	1.30	
JT62BH	0.23	-0.19	0.07	0.98	-0.40	0.06	0.31	-0.73	0.17	0.10	0.00	0.15	
KJBFHP	0.16	-0.95	2.28	1.01	-0.24	0.05	0.32	-0.53	0.14	0.07	-0.46	0.33	
NJF9G9	0.05	-2.07	0.21	0.35	-4.06	0.19	0.06	-5.56X	0.26	0.04	-1.11	0.33	
QPG6ED	0.25	0.02	0.05	1.04	-0.05	0.18	0.33	-0.28	0.13	0.10	0.07	0.16	
QQE7NB	0.21	-0.38	0.19	1.04	-0.05	0.28	0.29	-0.98	3.35	0.12	0.32	1.72	
QWEUW3	0.24	-0.02	0.03	1.10	0.32	0.11	0.35	0.06	0.03	0.07	-0.53	0.03	
R4VPDX	0.24	-0.09	0.11	1.09	0.24	0.16	0.35	0.13	0.00	0.06	-0.70	0.00	
Y73BCW	0.29	0.50	0.17	1.12	0.40	0.17	0.38	0.78	0.11	0.12	0.39	0.52	
YKZMHF	0.63	4.17X	0.44	1.01	-0.19	0.06	0.33	-0.35	0.07	0.24	2.49	0.14	
ZQ2WP9	0.36	1.21	0.68	1.15	0.57	0.43	0.35	0.13	0.71	0.21	2.06	1.98	

CI (SubTestCode 208)					Data units: Percent	
	SRB1901	SRB1902	SRB1903	SRB1904		
Grand Median	0.24	1.05	0.34	0.10		
Median Abs Dev	0.04	0.06	0.03	0.03		
Avg Within Lab SD	0.05	0.11	0.04	0.02		
Labs Included	16	16	15	15		
Labs Reporting	17	17	17	17		



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TKN (SubTestCode 209)												Data units: Percent	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7QMJNR	2.50	0.45	0.36	4.94	0.18	0.83	2.56	-1.46	0.72	2.39	-1.37	0.26	
CBNPHQ	2.48	0.24	1.58	4.93	0.18	0.53	2.85	0.82	2.09	2.58	0.45	2.00	
J3PF4M	2.41	-0.47	0.03	4.38	-0.54	0.11	2.71	-0.29	0.34	2.45	-0.74	0.23	
NBNLUH	2.43	-0.24	0.19	4.52	-0.36	0.31	2.74	0.00	0.95	2.57	0.42	1.58	
QWEUW3	2.63	1.75	0.19	6.07	1.66	0.34	2.85	0.83	0.39	2.62	0.87	0.45	
UCKX98	2.38	-0.78	2.25	4.66	-0.18	2.51	8.94	49.32X	6.10	7.64	49.50X	5.20	
UJHPG2	2.41	-0.44	0.48	4.66	-0.18	0.55	2.70	-0.37	0.75	2.44	-0.87	0.20	
ZQ2WP9	2.55	1.02	0.06	6.43	2.12	0.45	2.86	0.95	0.62	2.53	0.00	0.34	

TKN (SubTestCode 209)					Data units: Percent	
	SRB1901	SRB1902	SRB1903	SRB1904		
Grand Median	2.45	4.80	2.74	2.53		
Median Abs Dev	0.05	0.21	0.10	0.08		
Avg Within Lab SD	0.09	0.14	0.03	0.05		
Labs Included	8	8	7	7		
Labs Reporting	8	8	8	8		



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N- Dry Comb. (SubTestCode 210)

Data units: Percent

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	1.40	-15.00X	0.22	2.70	-22.58X	0.02	4.14	13.25X	0.16	3.68	16.32X	0.51
2XUQZC	2.54	0.07	0.13	6.38	0.14	0.28	2.78	-0.01	0.38	2.53	0.08	0.05
2YPEEZ	2.54	0.13	0.00	6.38	0.15	0.27	2.76	-0.25	0.24	2.54	0.19	0.00
4728L3	2.66	1.72	0.98	6.54	1.14	0.96	3.08	2.87	0.85	2.63	1.42	0.16
49T7ZZ	2.51	-0.27	1.06	6.38	0.13	0.15	2.76	-0.20	0.65	2.52	-0.05	0.06
4ED4Q9	2.64	1.45	0.19	6.65	1.81	0.18	2.90	1.15	0.21	2.64	1.54	0.29
74PA6Q	2.54	0.13	1.97	6.47	0.67	1.00	2.80	0.14	0.00	2.50	-0.38	
7QMJNR	2.53	-0.04	0.38	6.30	-0.33	0.10	2.84	0.50	0.58	2.54	0.14	0.45
7YCBUW	2.58	0.66	0.37	6.38	0.13	0.35	2.89	1.02	0.49	2.59	0.90	0.85
838KG4	2.58	0.62	0.77	6.53	1.06	1.96	2.95	1.61	0.88	2.60	1.04	1.03
CQXFCJ	2.52	-0.13	1.11	6.26	-0.59	0.70	2.79	0.01	0.28	2.49	-0.47	0.72
D7RHCM	2.56	0.43	2.14	6.36	0.04	0.49	2.86	0.75	1.88	2.56	0.42	0.96
EJTHGB	2.51	-0.32	0.19	6.27	-0.54	0.44	2.80	0.12	0.22	2.50	-0.41	0.48
EPWF9N	2.36	-2.21	0.77	6.31	-0.28	0.36	2.71	-0.77	0.37	2.43	-1.32	1.64
EVMY7C	2.56	0.44	1.87	6.60	1.47	1.23	2.91	1.25	1.23	2.56	0.52	0.59
F8REPM	2.55	0.27	0.37	6.36	0.03	0.10	2.82	0.30	0.28	2.53	0.05	0.28
GQ2UM8	2.48	-0.60	2.43	6.22	-0.83	4.01	2.80	0.16	3.80	2.52	-0.15	1.88
HE7ZP6	2.53	0.04	0.43	6.26	-0.63	0.36	2.76	-0.25	0.49	2.52	-0.05	0.92
JDRQHP	2.41	-1.55	1.19	6.76	2.46	0.78	2.77	-0.18	0.71	2.45	-1.13	0.43
JT62BH	2.71	2.44	0.40	6.71	2.15	0.29	2.96	1.66	0.18	2.73	2.86	0.45
KJBFHP	2.51	-0.22	0.77	6.21	-0.89	0.27	2.79	0.04	0.24	2.49	-0.47	0.16
NJF9G9	2.47	-0.75	1.19	6.35	-0.05	1.54	2.73	-0.52	0.45	2.47	-0.87	0.93
QPG6ED	2.50	-0.46	0.24	6.23	-0.78	0.56	2.74	-0.48	0.28	2.51	-0.30	0.27
QQE7NB	2.45	-1.06	0.37	6.27	-0.52	0.66	2.69	-0.96	0.14	2.54	0.14	3.88
QWEUW3	2.68	1.94	0.19	6.66	1.83	0.30	3.00	2.04	0.91	2.70	2.42	0.26
R4VPDX	2.54	0.09	0.57	6.35	-0.05	0.00	2.72	-0.64	0.24	2.52	-0.05	0.16



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N- Dry Comb. (SubTestCode 210)													Data units: Percent
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
T9H3P6	2.53	0.04	0.21	6.35	-0.03	0.10	2.76	-0.28	0.14	2.53	0.05	0.00	
TXQ7WJ	2.50	-0.43	0.22	6.38	0.11	0.22	2.74	-0.46	0.23	2.51	-0.26	0.39	
Y73BCW	2.51	-0.25	0.95	6.31	-0.27	0.65	2.73	-0.53	1.25	2.55	0.30	0.93	
YKZMHF	2.46	-0.93	1.11	6.27	-0.54	0.76	2.74	-0.48	1.84	2.45	-1.13	0.33	
Z3VF4D	2.49	-0.53	0.74	6.26	-0.59	0.27	2.72	-0.61	0.62	2.45	-1.13	0.33	

N- Dry Comb. (SubTestCode 210)					Data units: Percent
	SRB1901	SRB1902	SRB1903	SRB1904	
Grand Median	2.53	6.36	2.79	2.53	
Median Abs Dev	0.03	0.09	0.05	0.03	
Avg Within Lab SD	0.03	0.06	0.04	0.04	
Labs Included	30	30	30	30	
Labs Reporting	31	31	31	31	



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S- Dry Comb. (SubTestCode 211)										Data units: Percent	
SRB1901			SRB1902			SRB1903			SRB1904		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
F8REPM	0.22		0.18	0.56		0.00	0.26		0.00	0.36	1.15
R4VPDX	0.16		0.91	0.42		0.00	0.18		0.63	0.25	1.15
TXQ7WJ	0.20		1.46	0.27		1.73	0.31		1.61	0.29	0.58

S- Dry Comb. (SubTestCode 211)					Data units: Percent			
	SRB1901		SRB1902		SRB1903		SRB1904	
Grand Median		0.20		0.42		0.26		0.29
Median Abs Dev								
Avg Within Lab SD		0.01		0.01		0.01		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	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	0.16	1.06	0.33	0.68	1.24	0.12	0.34	1.60	0.27	0.14	1.18	0.31
2XUQZC	0.14	-1.08	0.00	0.52	-1.33	0.00	0.28	-0.77	0.00	0.12	-0.92	0.00
2YPEEZ	0.15	-0.21	0.00	0.57	-0.58	0.30	0.29	-0.39	0.00	0.12	-0.61	0.93
4728L3	0.16	0.66	0.00	0.62	0.27	0.52	0.34	1.42	2.13	0.15	1.53	2.46
4ED4Q9	0.14	-1.02	0.36	0.61	0.17	0.97	0.28	-0.79	0.32	0.13	0.00	0.16
6BAWGV	0.17	1.24	0.89	0.68	1.18	1.08	0.34	1.67	0.53	0.15	2.14	0.93
74PA6Q	0.15	-0.49	2.37	0.58	-0.42	1.82	0.28	-0.82	0.70	0.12	-0.77	0.26
7QMJNR	0.14	-1.10	0.24	0.55	-0.84	0.21	0.28	-0.88	0.11	0.13	-0.43	0.09
7YCBUW	0.15	-0.21	1.55	0.60	-0.05	0.52	0.30	0.00	1.85	0.13	0.34	0.89
838KG4	0.15	0.03	1.24	0.57	-0.57	0.90	0.29	-0.56	1.45	0.13	-0.33	0.87
9J8WHR	0.16	0.37	0.89	0.54	-0.96	0.80	0.31	0.52	1.07	0.13	0.00	0.00
CBL2UK	0.16	0.98	0.32	0.62	0.33	0.90	0.30	0.04	0.24	0.14	0.52	0.61
CBNPHQ	0.15	-0.38	0.80	0.54	-1.07	1.84	0.28	-0.66	1.00	0.13	0.03	2.16
CQXFCJ	0.15	-0.21	1.55	0.61	0.17	2.67	0.30	-0.13	1.92	0.13	0.00	1.61
D7RHCM	0.16	0.87	0.50	0.66	0.94	1.10	0.33	1.02	0.38	0.14	0.67	0.41
EJTHGB	0.17	1.59	0.68	0.67	1.03	1.44	0.36	2.20	0.70	0.15	1.73	0.59
EPWF9N	0.15	0.00	0.18	0.55	-0.80	0.49	0.30	-0.03	0.96	0.13	-0.30	0.33
EVMY7C	0.15	-0.41	0.59	0.61	0.14	0.29	0.29	-0.52	0.19	0.13	-0.31	0.34
F8REPM	0.26	9.07X	2.36	0.60	0.00	0.30	0.46	6.31X	1.41	0.24	9.77X	0.93
GQ2UM8	0.15	-0.26	0.70	0.61	0.16	1.25	0.30	0.10	0.05	0.13	0.37	0.16
HE7ZP6	0.15	-0.50	0.89	0.57	-0.48	0.30	0.30	-0.13	0.53	0.13	0.00	0.00
J3PF4M	0.17	1.69	0.32	0.69	1.33	0.32	0.35	2.08	0.86	0.15	1.83	0.31
JDQ3VJ	0.17	1.36	0.31	0.67	1.06	1.16	0.32	0.72	0.21	0.14	1.07	0.34
KJBFHP	0.15	-0.21	0.00	0.57	-0.53	0.00	0.28	-0.77	0.92	0.12	-0.92	0.00
NJF9G9	0.15	0.03	0.45	0.56	-0.74	1.34	0.31	0.43	1.22	0.13	0.12	1.18
QPG6ED	0.14	-0.75	0.73	0.56	-0.64	0.53	0.30	-0.13	0.65	0.12	-0.68	0.55



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P (SubTestCode 212) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
QQE7NB	0.14	-0.79	0.89	0.57	-0.58	0.30	0.30	-0.13	0.53	0.12	-0.92	0.00		
QWEUW3	0.17	1.30	0.24	0.66	0.85	0.36	0.34	1.43	0.09	0.15	1.40	0.34		
T9H3P6	0.15	-0.21	0.00	0.59	-0.21	0.52	0.29	-0.26	0.53	0.13	0.31	0.93		
TXQ7WJ	0.16	0.32	0.47	0.74	2.19	0.64	0.33	1.05	0.25	0.13	0.45	0.65		
UCKX98	0.15	0.08	3.89	0.61	0.06	1.31	0.30	0.00	2.77	0.13	0.31	2.46		
UJHPG2	0.16	0.37	0.89	0.61	0.06	2.10	0.30	0.00	1.85	0.13	0.00	2.79		
VFJN26	0.13	-1.60	0.21	0.52	-1.28	0.27	0.26	-1.45	0.60	0.11	-1.47	0.11		
X78BW7	0.12	-2.58	0.29	0.47	-2.12	1.40	0.29	-0.54	0.25	0.11	-2.02	0.58		
Y73BCW	0.15	0.04	0.72	0.60	0.00	0.69	0.29	-0.26	0.59	0.13	-0.14	0.78		
YKZMHF	0.16	0.37	0.89	0.62	0.22	0.60	0.31	0.52	0.53	0.13	0.31	0.93		
Z3VF4D	0.15	-0.15	0.59	0.58	-0.41	0.31	0.30	0.09	0.11	0.13	-0.46	0.16		
ZQ2WP9	0.16	0.46	0.50	0.64	0.61	0.40	0.32	0.88	1.35	0.13	-0.40	0.34		

P (SubTestCode 212) in the Wet Digestion Property Groups					Data units: Percent	
	SRB1901	SRB1902	SRB1903	SRB1904		
Grand Median	0.15	0.60	0.30	0.13		
Median Abs Dev	0.01	0.04	0.01	0.00		
Avg Within Lab SD	0.01	0.02	0.01	0.01		
Labs Included	37	38	37	37		
Labs Reporting	38	38	38	38		



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	2.21	1.12	0.10	8.66	2.17	0.07	1.90	0.96	0.18	1.10	1.06	0.05
2XUQZC	2.00	-0.25	0.17	7.00	-0.50	0.14	1.72	-0.13	0.24	1.03	0.22	0.62
2YPEEZ	2.05	0.05	0.09	7.39	0.13	0.22	1.77	0.20	0.08	1.05	0.52	0.14
4728L3	2.24	1.38	0.43	7.47	0.26	0.50	1.92	1.11	1.43	1.15	1.72	2.24
4ED4Q9	1.83	-1.42	0.20	7.02	-0.47	2.06	1.58	-1.01	0.18	1.02	0.03	0.12
6BAWGV	2.12	0.54	0.90	7.81	0.81	1.04	1.89	0.90	0.70	1.08	0.82	0.89
74PA6Q	1.81	-1.56	2.59	6.56	-1.21	0.97	1.50	-1.47	0.43	0.89	-1.63	0.52
7QMJNR	1.87	-1.18	0.15	6.85	-0.73	0.04	1.57	-1.05	0.08	0.94	-0.93	0.06
7YCBUW	2.05	0.09	0.68	6.17	-1.83	0.70	1.72	-0.15	2.67	0.85	-2.13	1.71
838KG4	1.96	-0.52	2.25	6.43	-1.42	1.65	1.62	-0.74	2.46	1.01	-0.01	0.43
9J8WHR	2.11	0.48	1.63	7.30	-0.01	0.94	1.92	1.09	1.42	1.01	-0.08	0.76
CBL2UK	2.11	0.45	0.61	7.26	-0.08	0.56	1.78	0.22	0.72	0.97	-0.55	0.57
CBNPHQ	1.91	-0.86	1.09	6.72	-0.95	0.67	1.57	-1.04	2.12	0.92	-1.19	2.66
CQXFCJ	2.00	-0.25	0.38	6.84	-0.76	1.81	1.73	-0.07	0.49	0.97	-0.50	0.68
D7RHCM	1.99	-0.32	1.17	7.47	0.25	1.56	1.66	-0.49	0.70	1.01	0.02	0.81
EJTHGB	2.31	1.83	0.55	7.57	0.41	2.94	2.05	1.92	0.04	1.12	1.38	0.54
EPWF9N	1.99	-0.33	0.39	6.49	-1.31	0.37	1.72	-0.15	0.35	0.99	-0.31	0.19
EVMY7C	2.02	-0.16	0.95	7.14	-0.27	0.48	1.66	-0.53	0.16	1.03	0.22	0.41
F8REPM	2.24	1.36	0.66	7.66	0.57	0.16	2.08	2.08	0.08	1.26	3.21X	0.36
GQ2UM8	2.00	-0.27	0.83	7.61	0.48	0.01	1.68	-0.41	0.44	1.15	1.73	0.45
HE7ZP6	1.98	-0.39	0.43	7.22	-0.14	0.07	1.75	0.05	0.71	0.99	-0.25	0.27
J3PF4M	2.06	0.17	0.25	7.43	0.19	0.33	1.82	0.48	0.45	1.02	0.12	0.16
JDQ3VJ	2.04	0.00	1.05	7.65	0.55	0.85	1.75	0.05	0.49	1.02	0.14	0.54
KJBFHP	1.70	-2.31	0.40	6.22	-1.74	0.08	1.41	-2.04	0.64	0.90	-1.44	0.24
NJF9G9	2.06	0.12	1.31	7.95	1.02	1.18	1.81	0.41	1.46	1.02	0.06	1.81
QPG6ED	1.97	-0.50	0.25	6.87	-0.71	0.50	1.74	-0.03	0.36	0.98	-0.44	0.20



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QQE7NB	1.87	-1.16	0.40	6.49	-1.31	0.08	1.66	-0.53	0.29	0.91	-1.27	0.27
QWEUW3	2.19	1.01	0.35	7.79	0.77	0.28	1.90	0.99	0.29	1.07	0.73	0.32
T9H3P6	2.04	0.02	0.38	7.20	-0.17	0.03	1.76	0.13	0.29	1.04	0.31	0.83
TXQ7WJ	1.98	-0.42	0.33	7.57	0.42	1.62	1.72	-0.11	0.23	1.03	0.21	0.33
UCKX98	2.04	0.02	3.04	7.51	0.33	0.93	1.87	0.78	1.42	1.01	0.01	2.14
UJHPG2	2.10	0.41	0.00	7.47	0.25	1.70	1.73	-0.05	2.16	1.00	-0.20	2.48
VFJN26	1.80	-1.64	0.15	6.59	-1.16	0.10	1.55	-1.18	0.42	0.87	-1.81	0.12
X78BW7	1.54	-3.38X	0.80	5.49	-2.93X	1.14	1.53	-1.31	0.49	0.83	-2.36X	0.37
Y73BCW	1.95	-0.59	0.68	7.31	0.00	0.17	1.75	0.03	0.45	0.98	-0.36	0.23
YKZMHF	2.19	1.04	0.48	7.99	1.09	0.53	1.83	0.57	0.64	1.12	1.38	0.62
Z3VF4D	2.08	0.29	1.14	7.47	0.26	0.35	1.84	0.63	0.33	0.99	-0.33	0.14
ZQ2WP9	2.10	0.43	0.61	7.42	0.17	1.20	1.83	0.57	1.45	1.00	-0.17	0.84

K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

	SRB1901	SRB1902	SRB1903	SRB1904
Grand Median	2.04	7.31	1.74	1.01
Median Abs Dev	0.07	0.31	0.09	0.03
Avg Within Lab SD	0.07	0.30	0.07	0.04
Labs Included	37	37	38	36
Labs Reporting	38	38	38	38



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Ca (SubTestCode 214) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	2.66	1.80	0.28	1.37	1.77	0.26	0.96	1.44	0.34	5.19	1.47	0.12
2XUQZC	2.20	-0.13	0.08	1.20	0.44	0.28	0.82	0.03	0.36	4.43	-0.12	0.08
2YPEEZ	2.38	0.63	0.20	1.14	-0.02	1.10	0.85	0.34	0.18	4.67	0.39	0.14
4728L3	2.52	1.23	1.11	1.19	0.37	0.28	0.91	0.95	1.52	5.08	1.24	2.20
4ED4Q9	2.17	-0.27	0.49	1.14	0.03	0.88	0.79	-0.26	0.34	4.19	-0.62	0.08
6BAWGV	2.21	-0.10	0.57	1.20	0.47	0.65	0.81	0.00	0.47	4.60	0.25	0.73
74PA6Q	1.89	-1.48	2.68	0.99	-1.13	1.02	0.66	-1.61	0.25	3.99	-1.04	1.49
7QMJNR	2.19	-0.20	0.22	1.09	-0.38	0.17	0.78	-0.35	0.17	4.80	0.65	0.31
7YCBUW	2.41	0.75	1.12	1.25	0.86	1.12	0.79	-0.24	0.62	4.98	1.03	2.36
838KG4	2.26	0.10	2.40	1.09	-0.35	3.25	0.74	-0.73	1.84	4.27	-0.44	0.99
9J8WHR	2.21	-0.09	1.57	1.05	-0.66	0.14	0.86	0.50	1.55	4.09	-0.82	0.66
CBL2UK	2.24	0.01	0.76	1.13	-0.04	0.61	0.80	-0.12	0.79	4.33	-0.32	0.76
CBNPHQ	2.18	-0.23	0.60	1.07	-0.56	1.63	0.78	-0.38	1.69	4.21	-0.57	1.14
CQXFCJ	2.26	0.11	1.54	1.14	0.01	1.27	0.80	-0.11	1.78	4.26	-0.47	2.34
D7RHCM	2.42	0.79	0.13	1.28	1.11	1.02	0.91	0.99	0.60	4.61	0.27	0.51
EJTHGB	2.54	1.31	0.79	1.23	0.72	1.05	0.92	1.05	0.09	5.04	1.17	1.39
EPWF9N	2.24	0.01	0.24	1.12	-0.14	0.01	0.83	0.14	0.63	4.29	-0.40	0.19
EVMY7C	2.10	-0.58	0.60	1.10	-0.30	0.65	0.76	-0.56	0.23	4.32	-0.35	0.37
F8REPM	1.76	-2.03	0.54	1.09	-0.35	0.14	0.78	-0.38	0.18	3.03	-3.04X	0.06
GQ2UM8	2.27	0.14	0.97	1.14	0.00	0.22	0.81	0.00	0.22	4.66	0.37	0.39
HE7ZP6	2.30	0.28	0.13	1.26	0.93	0.24	0.90	0.88	0.53	4.85	0.76	0.20
J3PF4M	2.54	1.28	0.65	1.30	1.21	0.84	0.99	1.75	0.10	5.04	1.17	0.66
JDQ3VJ	2.34	0.44	0.20	1.27	0.98	1.63	0.87	0.54	0.47	4.74	0.53	0.26
KJBFHP	1.97	-1.11	0.60	0.99	-1.17	0.28	0.67	-1.43	0.77	4.19	-0.62	0.00
NJF9G9	2.19	-0.19	1.52	1.06	-0.64	1.06	0.80	-0.17	1.82	4.49	0.00	1.37
QPG6ED	2.23	-0.01	0.78	1.09	-0.40	0.71	0.83	0.17	0.60	4.51	0.04	0.32



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

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QQE7NB	2.23	-0.02	0.26	1.20	0.50	0.51	1.21	4.06X	18.56	4.08	-0.85	0.22
QWEUW3	2.47	1.02	0.22	1.24	0.75	0.52	0.89	0.75	0.22	4.94	0.94	0.55
T9H3P6	2.16	-0.30	0.50	1.10	-0.33	0.56	0.74	-0.75	0.31	4.46	-0.05	0.83
TXQ7WJ	3.00	3.26X	0.22	1.39	1.95	0.51	1.09	2.77	0.05	5.99	3.13X	0.75
UCKX98	1.88	-1.49	2.16	0.98	-1.25	1.59	0.72	-0.92	3.39	3.41	-2.24	1.26
UJHPG2	2.33	0.42	0.76	1.10	-0.30	0.00	0.79	-0.24	1.11	4.50	0.03	1.90
VFJN26	2.04	-0.83	0.07	1.05	-0.70	0.26	0.75	-0.69	0.04	4.05	-0.91	0.29
X78BW7	1.66	-2.43	0.62	0.90	-1.86	1.59	0.72	-0.90	0.61	3.33	-2.41	0.48
Y73BCW	2.20	-0.14	1.01	1.23	0.73	1.07	0.91	1.00	0.54	4.40	-0.17	0.65
YKZMHF	2.54	1.30	0.57	1.27	1.04	0.99	0.87	0.54	0.64	4.72	0.48	0.65
ZQ2WP9	2.48	1.04	0.80	1.21	0.52	0.86	0.87	0.61	0.76	4.69	0.42	0.71

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

	SRB1901	SRB1902	SRB1903	SRB1904
Grand Median	2.23	1.14	0.81	4.49
Median Abs Dev	0.10	0.07	0.05	0.25
Avg Within Lab SD	0.08	0.04	0.03	0.18
Labs Included	36	37	36	35
Labs Reporting	37	37	37	37



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Mg (SubTestCode 215) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	0.49	1.06	0.26	1.83	2.63	0.24	0.40	1.28	0.33	0.39	0.99	0.23
2XUQZC	0.46	-0.11	0.37	1.48	0.09	0.12	0.35	-0.30	0.00	0.35	-0.15	0.00
2YPEEZ	0.46	0.00	0.00	1.50	0.28	0.12	0.36	0.02	0.00	0.35	-0.15	0.00
4728L3	0.51	1.48	0.74	1.46	0.00	0.44	0.38	0.75	1.56	0.39	1.26	2.45
4ED4Q9	0.43	-0.81	0.65	1.49	0.17	2.13	0.34	-0.73	0.39	0.38	0.84	0.77
6BAWGV	0.49	0.95	0.64	1.59	0.88	1.16	0.39	0.96	0.75	0.40	1.58	0.40
74PA6Q	0.39	-2.19	2.61	1.20	-1.84	0.58	0.29	-2.06	0.36	0.30	-1.69	0.59
7QMJNR	0.44	-0.71	0.07	1.35	-0.84	0.17	0.34	-0.75	0.16	0.34	-0.45	0.11
7YCBUW	0.47	0.32	0.64	1.52	0.38	1.52	0.37	0.33	0.75	0.37	0.50	1.84
838KG4	0.44	-0.69	1.36	1.31	-1.08	1.63	0.32	-1.24	1.46	0.33	-0.77	1.37
9J8WHR	0.46	-0.11	0.99	1.33	-0.97	0.68	0.37	0.23	1.15	0.34	-0.36	1.06
CBL2UK	0.46	-0.08	0.61	1.41	-0.36	0.12	0.34	-0.67	0.71	0.34	-0.37	0.50
CBNPHQ	0.45	-0.21	0.74	1.36	-0.74	1.38	0.35	-0.41	1.56	0.35	-0.25	1.61
CQXFCJ	0.44	-0.74	1.34	1.40	-0.45	2.03	0.35	-0.41	0.43	0.34	-0.58	0.80
D7RHCM	0.46	0.11	0.99	1.49	0.19	1.11	0.36	-0.12	0.48	0.35	-0.02	0.70
EJTHGB	0.50	1.13	0.50	1.52	0.43	0.67	0.42	1.86	0.87	0.38	0.95	0.97
EPWF9N	0.46	-0.02	0.37	1.29	-1.25	0.21	0.36	0.04	0.51	0.35	-0.08	0.17
EVMY7C	0.46	0.01	1.03	1.48	0.12	0.21	0.34	-0.58	0.20	0.36	0.33	0.22
F8REPM	0.44	-0.53	0.99	1.50	0.26	0.42	0.35	-0.19	0.43	0.33	-0.68	0.40
GQ2UM8	0.46	0.01	0.74	1.36	-0.74	0.29	0.36	-0.02	0.45	0.38	0.78	0.52
HE7ZP6	0.48	0.53	0.37	1.63	1.19	0.36	0.38	0.54	0.43	0.39	1.15	0.00
J3PF4M	0.50	1.29	0.09	1.62	1.13	0.40	0.40	1.42	0.55	0.40	1.47	0.67
JDQ3VJ	0.46	-0.10	0.85	1.44	-0.17	1.05	0.36	0.13	0.43	0.36	0.02	0.60
KJBFHP	0.37	-2.96	0.37	1.28	-1.28	0.32	0.28	-2.51	0.75	0.30	-1.76	0.00
NJF9G9	0.46	0.16	1.01	1.42	-0.28	1.03	0.37	0.31	1.69	0.37	0.37	1.69
QPG6ED	0.43	-0.85	1.01	1.39	-0.54	0.66	0.35	-0.37	0.70	0.33	-0.72	0.59



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Mg (SubTestCode 215) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
QQE7NB	0.46	-0.11	0.37	1.43	-0.24	0.56	0.36	0.12	1.56	0.34	-0.36	0.40		
QWEUW3	0.50	1.26	0.10	1.60	0.98	0.23	0.39	1.01	0.38	0.38	0.88	0.47		
T9H3P6	0.44	-0.53	0.37	1.42	-0.33	0.74	0.34	-0.51	0.43	0.36	0.07	0.40		
TXQ7WJ	0.60	4.28X	0.08	2.12	4.64X	2.73	0.46	3.28X	0.38	0.45	3.18X	0.42		
UCKX98	0.46	0.00	2.96	1.46	-0.02	2.21	0.35	-0.19	1.89	0.34	-0.36	1.06		
UJHPG2	0.48	0.74	1.49	1.50	0.26	2.10	0.36	0.02	2.71	0.36	0.18	3.04		
VFJN26	0.44	-0.68	0.03	1.28	-1.32	0.31	0.34	-0.72	0.52	0.33	-0.80	0.17		
X78BW7	0.35	-3.61X	0.77	0.95	-3.65X	1.26	0.32	-1.37	0.63	0.29	-2.22	0.37		
Y73BCW	0.47	0.39	0.20	1.56	0.72	0.58	0.36	0.12	1.68	0.36	0.26	0.51		
YKZMHF	0.51	1.48	1.34	1.67	1.45	0.53	0.39	0.96	0.75	0.37	0.39	1.06		
ZQ2WP9	0.50	1.29	0.73	1.46	0.00	1.06	0.39	1.03	1.21	0.37	0.49	0.74		

Mg (SubTestCode 215) in the Wet Digestion Property Groups					Data units: Percent	
	SRB1901	SRB1902	SRB1903	SRB1904		
Grand Median	0.46	1.46	0.36	0.35		
Median Abs Dev	0.02	0.06	0.02	0.02		
Avg Within Lab SD	0.02	0.05	0.01	0.01		
Labs Included	35	35	36	36		
Labs Reporting	37	37	37	37		



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S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	0.19	1.10	0.28	0.46	1.01	0.10	0.21	1.54	0.25	0.31	1.60	0.25
2XUQZC	0.15	-0.79	0.00	0.36	-1.07	0.00	0.17	-0.34	0.00	0.24	-0.75	0.00
2YPEEZ	0.15	-0.63	0.64	0.37	-0.80	0.33	0.16	-0.85	0.00	0.26	-0.12	0.00
4728L3	0.16	-0.15	0.64	0.43	0.30	0.33	0.19	0.51	2.19	0.29	0.82	2.23
4ED4Q9	0.17	0.10	0.46	0.45	0.69	1.03	0.17	-0.56	0.68	0.30	0.99	0.63
6BAWGV	0.17	0.33	0.64	0.49	1.53	0.65	0.20	1.03	0.83	0.30	1.13	0.84
74PA6Q	0.17	-0.03	0.74	0.37	-0.84	0.74	0.16	-0.83	0.92	0.26	-0.03	0.99
7QMJNR	0.15	-0.66	0.17	0.39	-0.53	0.14	0.17	-0.43	0.08	0.26	-0.20	0.05
7YCBUW	0.16	-0.47	0.64	0.41	0.02	0.86	0.18	-0.09	0.72	0.26	-0.12	0.84
838KG4	0.15	-0.69	1.31	0.37	-0.83	2.09	0.16	-1.05	2.13	0.24	-0.80	0.85
9J8WHR	0.17	0.17	1.12	0.40	-0.25	0.56	0.19	0.85	0.83	0.27	0.19	0.84
CBL2UK	0.18	0.48	0.64	0.46	1.05	0.33	0.18	0.34	0.83	0.28	0.51	0.84
CBNPHQ	0.18	0.48	2.58	0.42	0.23	3.10	0.17	-0.34	1.44	0.23	-0.96	0.49
CQXFCJ	0.17	0.01	0.64	0.44	0.50	1.63	0.18	0.00	1.66	0.27	0.09	0.98
D7RHCM	0.18	0.52	0.45	0.44	0.62	1.12	0.19	0.62	0.66	0.28	0.53	0.85
EJTHGB	0.22	2.63	0.32	0.45	0.69	1.26	0.21	1.59	0.51	0.39	3.92X	0.32
EPWF9N	0.17	-0.06	0.13	0.39	-0.39	0.38	0.18	0.27	0.47	0.26	-0.15	0.47
EVMY7C	0.16	-0.15	0.55	0.44	0.66	0.28	0.18	-0.07	0.08	0.27	0.07	0.25
GQ2UM8	0.15	-0.69	0.33	0.41	-0.02	0.90	0.17	-0.19	0.29	0.26	-0.11	0.38
HE7ZP6	0.15	-0.79	0.00	0.39	-0.39	0.33	0.18	0.17	0.00	0.26	-0.23	0.49
J3PF4M	0.19	1.34	0.31	0.51	1.94	0.11	0.22	2.32	0.77	0.34	2.28	0.31
JDQ3VJ	0.17	0.34	0.52	0.45	0.71	1.19	0.18	0.12	0.52	0.27	0.31	0.47
KJBFHP	0.18	0.64	0.00	0.42	0.16	0.00	0.18	0.00	0.83	0.30	1.13	0.00
NJF9G9	0.14	-1.19	1.01	0.35	-1.32	1.17	0.16	-1.04	1.72	0.23	-1.18	1.54
QPG6ED	0.15	-0.88	0.04	0.39	-0.39	0.46	0.17	-0.52	0.20	0.25	-0.36	0.58
QQE7NB	0.16	-0.15	0.64	0.41	-0.04	0.00	0.18	0.00	0.83	0.25	-0.54	0.49



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

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QWEUW3	0.18	0.66	0.42	0.45	0.87	0.23	0.21	1.68	0.92	0.29	0.95	0.47
T9H3P6	0.15	-0.79	0.00	0.38	-0.66	0.56	0.16	-0.68	0.83	0.26	-0.23	0.49
TXQ7WJ	0.22	2.37	0.13	0.42	0.07	0.04	0.23	2.49	0.61	0.36	2.96	0.10
UCKX98	0.21	2.23	4.22	0.48	1.46	1.81	0.30	6.50X	7.90	0.25	-0.44	3.87
UJHPG2	0.17	0.01	0.64	0.37	-0.80	1.17	0.16	-0.85	1.44	0.26	-0.12	1.46
VFJN26	0.17	-0.01	0.18	0.39	-0.42	0.59	0.17	-0.41	0.39	0.26	0.00	0.18
X78BW7	0.12	-1.99	0.36	0.31	-2.09	0.63	0.16	-0.70	0.78	0.20	-1.97	0.33
Y73BCW	0.17	-0.01	0.67	0.41	-0.10	1.28	0.17	-0.11	1.75	0.28	0.47	0.30
YKZMHF	0.17	0.33	0.64	0.44	0.57	0.56	0.20	1.03	1.66	0.28	0.51	0.84
ZQ2WP9	0.18	0.44	1.01	0.40	-0.30	1.09	0.18	0.00	0.30	0.29	0.76	0.81

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

	SRB1901	SRB1902	SRB1903	SRB1904
Grand Median	0.17	0.41	0.18	0.26
Median Abs Dev	0.01	0.03	0.01	0.02
Avg Within Lab SD	0.01	0.02	0.01	0.01
Labs Included	36	36	35	35
Labs Reporting	36	36	36	36



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Na (SubTestCode 217) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	0.03	-0.57	0.34	3.53	1.88	0.14	0.01	-0.23	0.71	0.02	-0.11	0.65
2XUQZC	0.04	0.75	0.00	2.84	-0.35	0.16	0.01	0.00	0.00	0.02	0.00	0.00
2YPEEZ	0.03	-1.36	0.00	2.90	-0.15	0.39	0.01	0.00	0.00	0.02	0.00	0.00
4728L3	0.08	8.48X	7.25	2.66	-0.95	0.48	0.05	9.58X	2.50	0.05	12.08X	6.11
4ED4Q9	0.03	-0.58	0.27	2.94	-0.03	2.12	0.02	1.11	1.56	0.02	0.72	0.00
6BAWGV	0.04	0.75	0.00	3.08	0.43	0.65	0.01	0.00	0.00	0.02	0.00	0.00
74PA6Q	0.04	0.02	0.39	3.05	0.32	1.93	0.01	0.52	1.28	0.02	-0.01	0.73
7QMJNR	0.03	-0.72	0.47	2.00	-3.10X	9.36	0.01	-0.88	0.00	0.02	-1.09	0.00
838KG4	0.03	-0.30	0.60	2.51	-1.43	1.58	0.01	1.08	0.67	0.02	-0.88	1.88
9J8WHR	0.04	0.75	0.00	2.96	0.03	0.69	0.01	0.00	0.00	0.02	0.00	0.00
CBL2UK	0.04	0.11	0.50	3.28	1.07	0.76	0.01	-0.53	0.23	0.02	-0.39	0.44
CBNPHQ	0.04	0.05	2.74	2.58	-1.21	1.61	0.01	0.74	2.50	0.02	1.21	2.31
D7RHCM	0.04	-0.10	0.40	2.99	0.13	1.69	0.01	0.84	0.83	0.02	0.23	0.32
EJTHGB	0.05	2.20	3.86	3.00	0.16	0.98	0.05	8.85X	3.34	0.03	3.94	3.69
EPWF9N	0.04	0.93	0.83	2.77	-0.58	0.19	0.02	1.43	0.80	0.02	1.48	0.70
EVMY7C	0.03	-0.44	0.72	3.02	0.22	0.25				0.02	-0.60	0.46
J3PF4M	0.03	-2.02	0.06	2.94	-0.03	0.35	0.06	10.67X	0.47	0.02	-1.79	0.19
JDQ3VJ	0.04	-0.02	0.48	3.11	0.54	0.78	0.01	-0.49	0.47	0.02	-0.54	0.22
KJBFHP	0.03	-1.36	0.00	2.53	-1.36	0.54	0.01	-0.37	0.25	0.02	0.00	0.00
NJF9G9	0.04	0.34	0.41	3.32	1.20	1.43						
QPG6ED	0.03	-0.39	0.48	2.80	-0.49	0.42	0.01	-0.61	0.70	0.02	-0.86	0.46
QQE7NB	0.04	0.75	0.00	2.68	-0.88	0.48	0.02	1.47	2.50	0.02	0.00	0.00
QWEUW3	0.04	0.12	0.00	3.17	0.73	0.23	0.01	-0.77	0.09	0.02	-0.48	0.23
TXQ7WJ	0.04	-0.04	0.42	2.94	-0.03	1.14	0.01	-0.76	0.06	0.02	-0.40	0.22
X78BW7	0.03	-1.92	0.36	2.13	-2.65	1.06	0.01	-0.58	0.32	0.01	-2.14	0.07
YKZMHF	0.04	0.75	0.00	3.09	0.47	0.69	0.01	0.00	0.00	0.02	0.00	0.00



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Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent
SRB1901				SRB1902			SRB1903			SRB1904		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
ZQ2WP9	0.04	0.19	0.27	3.02	0.23	0.65	0.02	2.43	1.50	0.02	0.00	0.40

Na (SubTestCode 217) in the Wet Digestion Property Groups					Data units: Percent	
	SRB1901		SRB1902		SRB1903	SRB1904
Grand Median	0.036		2.95		0.010	0.020
Median Abs Dev	0.003		0.15		0.003	0.001
Avg Within Lab SD	0.002		0.12		0.002	0.002
Labs Included	26		26		22	25
Labs Reporting	27		27		25	26



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AI (SubTestCode 218) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	3.1	-4.2X	0.0	1.2	-3.9X	0.0	2.6	-8.3X	0.0	6.6	-3.6X	0.0	
2XUQZC	148.8	0.9	0.3	388.0	0.3	0.3	204.1	0.5	1.2	168.8	0.9	0.2	
2YPEEZ	88.3	-1.2	0.3	246.7	-1.2	0.3	160.9	-1.4	0.3	93.1	-1.2	0.1	
4728L3	94.3	-1.0	0.4	249.0	-1.2	0.2	179.7	-0.5	1.3	100.7	-1.0	1.6	
4ED4Q9	141.1	0.6	0.8	437.1	0.8	0.5	189.9	-0.1	0.2	164.3	0.7	0.6	
6BAWGV	137.7	0.5	0.8	401.7	0.4	0.6	211.7	0.9	0.9	161.0	0.6	0.7	
74PA6Q	156.3	1.1	0.6	341.3	-0.2	1.2	187.1	-0.2	2.0	137.5	0.0	0.9	
7QMJNR	135.0	0.4	0.2	394.3	0.3	0.7	199.7	0.3	0.1	150.7	0.4	0.5	
9J8WHR	123.0	0.0	1.0	312.0	-0.5	0.7	190.7	-0.1	1.0	132.0	-0.2	0.7	
CBL2UK	120.3	-0.1	0.5	350.7	-0.1	0.2	193.0	0.1	0.8	132.3	-0.1	0.5	
CBNPHQ	119.9	-0.1	0.9	356.6	-0.1	1.6	172.1	-0.9	1.2	131.8	-0.2	1.1	
EJTHGB	153.3	1.0	2.2	466.7	1.1	1.7	229.0	1.6	1.6	181.1	1.2	1.8	
JDQ3VJ	119.7	-0.2	0.5	368.7	0.1	0.8	201.3	0.4	0.3	137.7	0.0	0.5	
KJBFHP	128.0	0.1	0.3	361.0	0.0	0.2	184.7	-0.3	0.8	156.3	0.5	0.1	
NJF9G9	125.4	0.0	1.5	390.2	0.3	1.6	194.1	0.1	1.0	153.6	0.4	1.4	
QQE7NB	67.0	-2.0	0.2	140.0	-2.4	0.2	146.0	-2.0	0.4	63.7	-2.0	0.5	
QWEUW3	116.3	-0.3	0.3	363.9	0.0	1.0	205.0	0.6	0.7	133.4	-0.1	0.5	
TXQ7WJ	178.6	1.9	1.3	561.7	2.1	0.8	230.2	1.7	1.1	195.2	1.6	2.0	
YKZMHF	105.0	-0.7	2.2	279.0	-0.9	2.1	179.7	-0.5	1.1	104.3	-0.9	1.3	

AI (SubTestCode 218) in the Wet Digestion Property Groups												Data units: mg/kg	
	SRB1901			SRB1902			SRB1903			SRB1904			
Grand Median	124.2			362.4			191.8			137.6			
Median Abs Dev	15.2			35.6			12.2			21.1			
Avg Within Lab SD	6.0			24.0			8.7			6.3			
Labs Included	18			18			18			18			
Labs Reporting	19			19			19			19			



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B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	250.4	0.9	0.3	29.4	0.7	0.5	14.5	0.4	0.4	109.0	1.1	0.3
2XUQZC	220.8	-0.5	0.2	25.6	-0.7	0.4	13.8	0.0	0.0	93.8	-0.9	0.0
2YPEEZ	216.9	-0.6	0.3	25.1	-0.9	0.2	12.9	-0.6	0.2	100.5	0.0	0.2
4728L3	169.0	-2.8	0.3	20.3	-2.6	0.7	11.3	-1.6	0.5	78.7	-2.8	1.7
4ED4Q9	204.9	-1.2	0.4	27.3	-0.1	0.8	11.9	-1.2	0.4	100.0	-0.1	0.0
6BAWGV	228.3	-0.1	0.8	28.2	0.3	1.3	13.6	-0.2	0.3	102.3	0.2	1.0
74PA6Q	208.0	-1.0	3.0	27.1	-0.1	0.5	13.8	0.0	0.4	93.8	-0.9	0.9
7QMJNR	192.7	-1.7	1.0	25.7	-0.6	0.7	13.0	-0.5		86.0	-1.9	
7YCBUW	231.0	0.0	0.1	28.0	0.2	0.3	13.6	-0.2	0.1	101.3	0.1	0.3
9J8WHR	243.3	0.6	1.1	27.7	0.1	0.9	16.8	1.8	0.7	101.7	0.1	0.1
CBL2UK	213.3	-0.8	0.7	29.0	0.6	0.1	14.4	0.3	0.8	97.1	-0.5	0.5
CBNPHQ	231.3	0.0	1.7	29.1	0.6	2.1	17.5	2.3	2.5	100.6	0.0	2.5
CQXFCJ	231.0	0.0	0.8	30.2	1.0	1.5	14.7	0.6	0.8	100.9	0.0	0.9
D7RHCM	249.3	0.8	0.8	31.4	1.4	0.7	14.6	0.5	0.3	101.9	0.1	0.9
EJTHGB	209.5	-1.0	0.5	28.0	0.2	2.0	15.5	1.0	2.6	97.3	-0.4	1.5
EPWF9N	231.5	0.0	0.4	27.9	0.2	0.3	15.0	0.7	0.2	98.0	-0.4	0.4
EVMY7C	225.3	-0.3	1.0	27.4	0.0	0.1	12.8	-0.6	0.4	101.3	0.1	0.3
F8REPM	191.2	-1.8	0.3	18.2	-3.4	0.4	20.5	4.2X	0.9	79.8	-2.7	0.5
GQ2UM8	219.0	-0.5	0.6	27.2	-0.1	0.5	13.8	0.0	0.2	99.2	-0.2	0.3
HE7ZP6	241.1	0.5	0.5	27.7	0.1	0.4	15.0	0.7	0.1	101.7	0.1	0.3
J3PF4M	248.5	0.8	0.1	26.4	-0.4	0.7	13.1	-0.5	0.2	104.6	0.5	0.3
JDQ3VJ	243.3	0.6	1.8	30.9	1.3	1.0	14.6	0.5	0.3	106.3	0.7	0.1
KJBFHP	226.0	-0.2	0.4	27.0	-0.2		12.0	-1.1		93.0	-1.0	
NJF9G9	240.4	0.4	1.5	29.3	0.7	1.2	15.7	1.2	0.7	105.1	0.6	1.8
QPG6ED	230.6	0.0	1.2	24.3	-1.1	2.0	15.3	0.9	3.0	99.8	-0.1	0.9
QQE7NB	216.0	-0.7	0.8	27.0	-0.2	0.6	13.7	-0.1	0.5	91.7	-1.2	0.4



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B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QWEUW3	251.1	0.9	0.2	28.1	0.2	0.5	14.5	0.4	0.5	108.7	1.0	0.7
T9H3P6	233.3	0.1	1.9	42.0	5.3X	8.2	13.5	-0.2	0.5	101.9	0.1	0.4
TXQ7WJ	233.0	0.1	0.2	26.7	-0.3	0.4	14.3	0.3	0.1	101.3	0.1	0.1
UJHPG2	247.3	0.8	0.4	29.1	0.6	2.0	13.4	-0.3	1.5	104.7	0.5	2.9
VFJN26	203.5	-1.2	0.3	25.4	-0.7	0.5	14.4	0.4	0.4	87.6	-1.7	0.1
X78BW7	142.4	-4.0X	0.4	16.3	-4.1X	0.6	10.2	-2.3X	0.2	64.8	-4.6X	0.3
Y73BCW	219.2	-0.5	0.5	23.1	-1.6	0.7	12.1	-1.1	0.3	86.3	-1.9	0.5
YKZMHF	256.7	1.2	1.1	27.0	-0.2	0.6	13.0	-0.5	0.8	105.7	0.6	0.4
ZQ2WP9	234.0	0.1	1.3	30.2	1.0	1.5	16.1	1.4	1.5	103.8	0.4	1.5

B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

	SRB1901	SRB1902	SRB1903	SRB1904
Grand Median	230.8	27.4	13.8	100.8
Median Abs Dev	12.5	1.6	0.8	3.6
Avg Within Lab SD	6.9	1.6	1.2	4.0
Labs Included	34	33	33	34
Labs Reporting	35	35	35	35



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Zn (SubTestCode 220) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	152.1	1.8	0.3	50.6	2.1	1.7	21.0	0.2	0.1	76.7	1.3	0.1
2XUQZC	124.7	-0.2	0.4	39.6	-0.4	0.2	20.7	0.1	0.0	65.5	-0.2	0.1
2YPEEZ	135.2	0.6	0.5	39.5	-0.5	0.2	19.3	-0.5	0.2	66.8	-0.1	0.2
4728L3	145.3	1.3	0.6	43.7	0.5	0.7	23.3	1.3	1.5	79.3	1.7	2.5
4ED4Q9	123.8	-0.3	0.6	45.2	0.9	0.6	19.7	-0.3	0.3	70.6	0.5	0.3
6BAWGV	129.0	0.1	0.5	42.2	0.2	0.4	20.5	0.0	0.3	71.6	0.6	0.9
74PA6Q	117.4	-0.7	1.7	39.7	-0.4	0.7	17.4	-1.4	0.5	60.0	-1.0	0.7
7QMJNR	121.3	-0.4	0.2	39.7	-0.4	0.6	18.7	-0.8	0.2	65.7	-0.2	0.1
7YCBUW	113.5	-1.0	0.1	43.1	0.4	0.4	21.6	0.6	0.4	61.9	-0.8	0.2
838KG4	121.1	-0.5	1.2	34.8	-1.6	3.1	14.9	-2.5	4.2	59.7	-1.1	1.7
9J8WHR	127.0	0.0	0.2	37.4	-1.0	0.4	20.5	0.0	0.7	68.0	0.1	1.6
CBL2UK	124.7	-0.2	1.0	41.8	0.1	0.8	19.6	-0.4	0.1	78.2	1.5	0.5
CBNPHQ	128.1	0.1	0.3	40.4	-0.3	1.4	19.9	-0.2	0.9	63.8	-0.5	1.1
CQXFCJ	141.0	1.0	2.9	44.9	0.8	2.5	21.9	0.7	1.6	68.8	0.2	2.7
D7RHCM	137.0	0.7	0.2	45.1	0.8	0.9	20.2	-0.1	0.0	67.8	0.1	0.7
EJTHGB	143.1	1.1	0.4	47.0	1.3	1.8	25.7	2.4	1.2	77.9	1.5	1.3
EPWF9N	127.7	0.0	0.7	40.1	-0.3	0.6	22.5	1.0	0.1	64.3	-0.4	0.7
EVMY7C	125.0	-0.2	0.8	41.5	0.0	0.2	19.5	-0.4	0.2	66.4	-0.1	0.3
F8REPM	150.4	1.7	0.8	40.0	-0.4	1.2	24.5	1.8	1.7	72.3	0.7	1.5
GQ2UM8	133.1	0.4	0.9	42.2	0.2	0.8	23.1	1.2	0.2	70.6	0.5	0.8
HE7ZP6	113.7	-1.0	0.3	36.3	-1.2	0.5	19.7	-0.3	0.3	63.7	-0.5	0.4
J3PF4M	114.7	-0.9	0.1	38.2	-0.8	0.6	19.1	-0.6	0.3	61.0	-0.9	0.4
JDQ3VJ	131.0	0.3	0.8	42.8	0.3	1.1	20.0	-0.2	0.2	68.2	0.1	0.1
KJBFHP	124.7	-0.2	0.6	38.7	-0.7	0.3	18.0	-1.1	0.6	63.7	-0.5	0.2
NJF9G9	122.8	-0.3	0.6	40.9	-0.1	0.5	21.0	0.3	0.1	63.8	-0.5	1.5
QPG6ED	123.8	-0.3	1.3	37.7	-0.9	0.6	20.0	-0.2	0.4	63.3	-0.6	1.0



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Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QQE7NB	132.7	0.4	0.6	42.3	0.2	0.3	22.0	0.7	0.6	67.7	0.1	0.7	
QWEUW3	147.7	1.5	0.1	45.3	0.9	0.2	22.3	0.9	0.1	76.1	1.3	0.4	
T9H3P6	125.4	-0.1	0.4	42.8	0.3	0.3	20.3	0.0	0.5	68.3	0.1	0.9	
TXQ7WJ	125.4	-0.1	0.4	35.2	-1.5	0.5	21.4	0.4	0.0	66.2	-0.2	0.1	
UCKX98	105.3	-1.6	1.0	38.8	-0.6	0.8	20.4	0.0	1.6	57.6	-1.4	0.7	
UJHPG2	155.3	2.0	2.8	50.3	2.1	0.3	28.9	3.9X	1.7	76.5	1.3	0.2	
VFJN26	107.3	-1.4	0.3	35.8	-1.4	0.1	17.9	-1.1	0.2	57.0	-1.4	0.1	
X78BW7	72.7	-3.9X	0.1	21.8	-4.6X	0.6	13.6	-3.1X	0.2	36.3	-4.4X	0.3	
Y73BCW	128.2	0.1	1.2	41.5	0.0	1.5	19.7	-0.3	1.0	55.6	-1.6	1.1	
YKZMHF	144.7	1.2	1.4	42.7	0.3	0.3	22.3	0.9	0.9	71.0	0.5	0.7	
ZQ2WP9	137.3	0.7	1.3	43.9	0.6	0.4	21.5	0.5	0.8	68.5	0.2	0.9	

Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg	
	SRB1901			SRB1902			SRB1903			SRB1904			
Grand Median	127.4			41.5			20.4			67.3			
Median Abs Dev	6.2			2.1			1.1			3.6			
Avg Within Lab SD	4.3			2.1			1.7			2.9			
Labs Included	36			36			35			36			
Labs Reporting	37			37			37			37			



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Mn (SubTestCode 221) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	68.8	0.5	1.9	59.2	-0.1	2.0	49.4	0.0	1.7	45.5	0.0	1.8
2XUQZC	64.5	-0.2	0.2	58.0	-0.3	0.1	49.4	0.0	0.1	44.8	-0.1	0.0
2YPEEZ	62.4	-0.5	0.2	56.2	-0.6	0.3	45.8	-0.7	0.2	41.6	-0.8	0.1
4728L3	74.3	1.3	0.7	62.0	0.3	1.1	52.7	0.6	1.1	52.0	1.3	2.1
4ED4Q9	59.8	-0.9	0.4	59.7	0.0	0.9	42.1	-1.4	0.2	44.9	-0.1	0.0
6BAWGV	68.3	0.4	0.5	64.3	0.7	0.7	51.2	0.3	0.8	50.5	1.0	1.1
74PA6Q	60.6	-0.7	2.3	58.4	-0.2	1.3	43.8	-1.1	1.3	42.8	-0.5	0.7
7QMJNR	61.8	-0.6	0.1	59.2	-0.1	0.1	45.6	-0.7	0.3	44.3	-0.2	0.1
7YCBUW	64.2	-0.2	0.3	61.6	0.2	0.5	47.5	-0.4	0.2	44.2	-0.2	0.4
838KG4	66.0	0.0	0.3	58.7	-0.2	1.2	46.9	-0.5	1.2	45.1	-0.1	1.6
9J8WHR	65.0	-0.1	1.3	56.0	-0.6	0.9	50.0	0.1	1.0	45.1	0.0	0.8
CBL2UK	69.8	0.6	0.7	65.7	0.9	0.6	50.6	0.2	0.5	49.8	0.9	0.6
CBNPHQ	64.8	-0.1	0.4	58.5	-0.2	1.5	46.9	-0.5	1.0	44.3	-0.2	0.5
CQXFCJ	67.2	0.2	1.2	62.0	0.3	1.1	50.0	0.1	1.4	45.1	0.0	1.0
D7RHCM	55.8	-1.5	1.7	52.4	-1.2	2.4	37.9	-2.2	1.7	32.7	-2.5	1.7
EJTHGB	71.3	0.8	0.7	66.3	1.0	0.6	55.8	1.2	0.6	50.0	0.9	0.4
EPWF9N	65.8	0.0	0.4	60.0	0.0	0.4	48.8	-0.1	0.6	44.3	-0.2	0.3
EVMY7C	62.6	-0.5	0.8	61.4	0.2	0.2	45.5	-0.7	0.1	45.4	0.0	0.3
F8REPM	66.5	0.1	1.2	67.2	1.1	1.0	52.4	0.5	0.3	48.4	0.6	0.2
GQ2UM8	65.0	-0.1	1.0	60.6	0.1	0.5	50.3	0.2	0.4	47.5	0.4	0.8
HE7ZP6	58.3	-1.1	0.3	53.3	-1.0	0.7	44.3	-1.0	0.5	40.7	-0.9	0.3
J3PF4M	61.9	-0.6	0.0	57.3	-0.4	0.5	49.0	-0.1	0.3	44.9	-0.1	0.2
JDQ3VJ	69.4	0.5	0.7	65.2	0.8	0.9	51.5	0.4	0.2	48.6	0.6	0.2
KJBFHP	60.0	-0.8	0.5	54.7	-0.8	0.2	40.7	-1.6	0.5	41.0	-0.9	
NJF9G9	64.5	-0.2	1.9	56.2	-0.6	2.6	51.4	0.4	2.4	44.5	-0.2	2.6
QPG6ED	65.3	0.0	1.0	56.5	-0.5	0.5	49.5	0.0	0.7	45.6	0.1	0.6



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Mn (SubTestCode 221) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QQE7NB	65.7	0.0	0.3	61.0	0.2	1.3	50.3	0.2	0.5	45.3	0.0	0.3	
QWEUW3	75.4	1.4	0.3	69.7	1.5	0.2	56.6	1.3	0.2	52.3	1.4	0.1	
T9H3P6	67.0	0.2	0.3	64.6	0.7	0.3	49.7	0.0	0.4	48.3	0.6	0.7	
TXQ7WJ	91.0	3.7	0.3	79.8	3.0	0.5	68.5	3.5	0.1	64.6	3.9	0.2	
UCKX98	67.5	0.3	2.1	63.4	0.5	1.8	52.5	0.6	1.8	48.1	0.6	1.6	
UJHPG2	70.1	0.7	2.2	59.6	-0.1	0.6	49.4	0.0	2.6	46.8	0.3	2.1	
VFJN26	54.6	-1.6	0.1	50.3	-1.5	0.0	39.8	-1.8	0.1	37.1	-1.7	0.1	
X78BW7	48.8	-2.5	0.5	44.1	-2.4	0.4	42.8	-1.2	0.6	35.0	-2.1	0.5	
Y73BCW	69.7	0.6	0.8	64.9	0.7	0.6	51.3	0.3	1.3	47.8	0.5	0.4	
YKZMHF	70.7	0.7	0.7	66.7	1.0	0.2	52.0	0.5	0.5	47.0	0.3	1.2	
ZQ2WP9	70.7	0.7	0.2	65.8	0.9	0.3	53.0	0.6	0.7	48.6	0.7	0.4	

Mn (SubTestCode 221) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1901	SRB1902	SRB1903	SRB1904		
Grand Median	65.7	60.0	49.5	45.3		
Median Abs Dev	3.7	3.7	2.5	2.4		
Avg Within Lab SD	2.2	2.3	2.1	2.2		
Labs Included	37	37	37	37		
Labs Reporting	37	37	37	37		



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Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2JFLQX	157.6	0.0	0.3	525.5	1.2	0.7	262.6	0.6	0.2	200.7	0.5	0.3
2XUQZC	171.5	0.6	0.0	466.3	0.3	0.4	263.2	0.6	0.1	203.7	0.6	0.1
2YPEEZ	136.0	-1.1	0.2	423.4	-0.4	0.6	226.5	-0.7	0.1	162.6	-1.2	0.2
4728L3	161.7	0.2	1.1	422.0	-0.4	0.7	246.0	0.0	0.8	189.3	0.0	2.1
4ED4Q9	162.8	0.2	0.4	498.3	0.8	0.6	228.4	-0.7	0.3	199.8	0.5	0.8
6BAWGV	169.3	0.5	0.2	479.0	0.5	0.5	260.7	0.5	0.4	209.7	0.9	0.5
74PA6Q	153.0	-0.3	0.7	466.5	0.3	0.5	262.0	0.6	1.4	182.3	-0.3	0.6
7QMJNR	136.7	-1.1	0.1	465.0	0.3	0.8	207.3	-1.4	0.1	166.3	-1.0	0.2
7YCBUW	148.2	-0.5	0.2	433.6	-0.2	0.2	224.3	-0.8	0.1	210.0	0.9	0.1
838KG4	166.8	0.4	0.6	500.5	0.8	2.3	287.2	1.5	4.4	200.1	0.5	0.4
9J8WHR	174.3	0.8	1.2	447.0	0.0	0.8	280.0	1.3	0.5	200.3	0.5	0.8
CBL2UK	171.3	0.6	0.1	546.0	1.5	0.8	267.7	0.8	0.3	214.7	1.1	0.4
CBNPHQ	150.7	-0.4	0.7	425.9	-0.3	1.0	225.7	-0.8	0.6	180.0	-0.4	1.4
CQXFCEJ	181.0	1.1	0.8	511.7	1.0	0.7	274.0	1.0	0.9	208.0	0.8	1.3
D7RHCM	153.7	-0.2	4.1	424.3	-0.4	0.9	233.0	-0.5	0.4	167.3	-1.0	1.2
EJTHGB	174.9	0.8	0.8	588.0	2.2	3.0	251.1	0.2	0.6	211.3	1.0	1.2
EPWF9N	172.0	0.7	0.1	476.5	0.4	0.2	250.2	0.2	0.3	191.8	0.1	0.2
EVMY7C	142.7	-0.8	0.5	441.3	-0.1	0.2	243.7	-0.1	1.2	177.7	-0.5	0.2
F8REPM	162.1	0.2	1.2	493.6	0.7	0.5	273.4	1.0	0.1	216.7	1.2	0.8
GQ2UM8	148.4	-0.5	1.1	434.6	-0.2	0.2	234.6	-0.4	0.2	189.0	0.0	0.5
HE7ZP6	162.7	0.2	0.2	448.0	0.0	0.3	237.3	-0.3	0.3	197.0	0.3	0.5
J3PF4M	156.8	-0.1	0.1	485.7	0.6	0.1	254.7	0.3	0.1	188.4	0.0	0.3
JDQ3VJ	162.0	0.2	0.2	504.7	0.9	1.2	246.3	0.0	0.0	194.3	0.2	0.3
KJBFHP	158.3	0.0	0.1	447.7	0.0	0.1	220.7	-0.9	0.4	187.6	-0.1	0.2
NJF9G9	146.4	-0.6	0.9	426.8	-0.3	1.5	250.5	0.2	0.6	180.4	-0.4	2.0
QPG6ED	136.6	-1.1	0.3	386.5	-0.9	0.2	218.6	-1.0	0.3	166.7	-1.0	0.4



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Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
QQE7NB	125.7	-1.6	0.5	334.7	-1.7	0.2	223.0	-0.9	0.2	151.7	-1.7	0.1
QWEUW3	165.7	0.4	0.2	533.5	1.3	0.8	271.4	0.9	0.5	200.2	0.5	0.4
T9H3P6	154.8	-0.2	2.9	432.4	-0.2	2.7	241.8	-0.2	2.8	189.0	0.0	2.9
TXQ7WJ	168.4	0.5	0.1	366.8	-1.2	0.5	245.2	0.0	0.4	196.6	0.3	1.0
UCKX98	108.5	-2.4	0.6	354.4	-1.4	1.0	194.6	-1.9	0.1	140.3	-2.2	0.7
UJHPG2	180.7	1.1	0.6	514.7	1.0	1.1	254.3	0.3	1.0	206.0	0.7	2.4
VFJN26	171.2	0.6	0.0	431.1	-0.3	0.2	231.1	-0.6	0.1	186.1	-0.1	0.3
X78BW7	117.1	-2.0	0.2	340.8	-1.6	0.4	217.7	-1.0	0.3	148.0	-1.8	0.7
Y73BCW	139.2	-0.9	0.6	428.8	-0.3	0.9	203.3	-1.6	0.9	167.5	-1.0	0.6
YKZMHF	130.3	-1.4	0.5	424.7	-0.4	0.7	258.3	0.5	0.7	168.7	-0.9	0.8
ZQ2WP9	176.0	0.9	0.8	494.7	0.7	0.2	261.0	0.6	0.3	200.3	0.5	0.9

Fe (SubTestCode 222) in the Wet Digestion Property Groups

Data units: mg/kg

	SRB1901	SRB1902	SRB1903	SRB1904
Grand Median	158.3	447.7	246.0	189.3
Median Abs Dev	11.9	28.8	16.6	11.3
Avg Within Lab SD	10.7	32.9	22.4	9.2
Labs Included	37	37	37	37
Labs Reporting	37	37	37	37



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Cu (SubTestCode 223) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2JFLQX	18.3	0.9	1.2	21.5	0.6	0.8	11.0	0.1	0.3	26.3	0.7	0.3	
2XUQZC	16.2	-0.5	0.2	18.5	-0.9	0.1	10.8	0.0	0.1	24.2	-0.3	0.1	
2YPEEZ	16.6	-0.3	0.1	19.4	-0.5	0.4	10.5	-0.3	0.2	24.4	-0.2	0.1	
4728L3	18.7	1.1	0.9	20.3	0.0	0.7	12.0	1.2	1.7	28.7	1.8	3.1	
4ED4Q9	17.3	0.2	0.3	21.3	0.5	0.8	10.3	-0.6	0.5	26.5	0.8	0.3	
6BAWGV	16.8	-0.2	0.4	19.8	-0.3	0.4	11.0	0.2	0.6	25.7	0.4	0.9	
74PA6Q	16.7	-0.2	2.0	21.4	0.5	0.7	10.6	-0.3	1.3	23.4	-0.6	1.1	
7QMJNR	15.8	-0.8	0.1	19.8	-0.3	0.5	10.1	-0.8	0.5	24.1	-0.3	0.1	
7YCBUW	17.8	0.5	0.3	21.2	0.5	0.6	10.7	-0.1	0.5	26.7	0.9	0.0	
838KG4	17.0	0.0	0.6	18.4	-1.0	0.1	10.2	-0.7	1.2	24.0	-0.4	2.3	
9J8WHR	16.4	-0.4	1.0	17.6	-1.4	0.8	10.8	0.0	0.9	23.6	-0.6	1.4	
CBL2UK	15.7	-0.9	0.3	18.5	-0.9	0.7	10.3	-0.6	0.8	22.8	-0.9	0.4	
CBNPHQ	18.2	0.8	2.6	21.3	0.5	2.8	11.5	0.7	1.4	24.7	0.0	1.6	
CQXFCJ	17.7	0.4	0.5	20.7	0.2	1.4	10.5	-0.4	0.9	24.8	0.0	1.0	
D7RHCM	17.4	0.2	0.4	21.5	0.6	0.3	10.9	0.1	0.2	24.4	-0.2	0.5	
EJTHGB	16.4	-0.4	1.3	19.1	-0.6	1.3	10.8	0.0	0.6	25.4	0.3	0.5	
EPWF9N	17.5	0.3	0.4	20.1	-0.1	0.3	11.7	0.9	0.8	24.9	0.0	0.6	
EVMY7C	16.9	-0.1	1.4	20.5	0.1	0.9	10.1	-0.8	0.1	26.3	0.7	0.1	
F8REPM	16.9	-0.1	0.3	20.3	0.0	0.3	11.3	0.4	0.5	24.4	-0.2	0.4	
GQ2UM8	17.0	0.0	1.6	20.6	0.1	0.4	10.9	0.0	0.5	25.8	0.5	1.0	
HE7ZP6	15.0	-1.4		17.0	-1.7		10.3	-0.5	1.0	21.0	-1.7		
J3PF4M	17.3	0.2	0.0	19.9	-0.2	0.3	11.1	0.3	0.3	25.7	0.4	0.2	
JDQ3VJ	17.1	0.0	0.8	20.1	-0.1	0.7	10.5	-0.3	0.1	24.6	-0.1	0.3	
KJBFHP	16.0	-0.7		17.7	-1.3	0.7	9.0	-2.0		23.0	-0.8		
NJF9G9	18.0	0.7	1.2	21.4	0.5	1.4	12.0	1.2	1.1	26.8	0.9	1.5	
QPG6ED	17.7	0.4	0.6	20.9	0.3	1.2	11.8	1.1	1.6	26.6	0.8	0.5	



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Cu (SubTestCode 223) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
QQE7NB	16.0	-0.7		18.0	-1.2	1.2	10.3	-0.5	1.0	21.3	-1.6	0.5	
QWEUW3	19.1	1.4	0.1	22.4	1.0	0.4	12.0	1.2	0.1	27.6	1.3	0.3	
T9H3P6	18.3	0.8	0.8	21.6	0.7	0.5	12.5	1.8	0.6	25.8	0.5	0.5	
TXQ7WJ	16.7	-0.2	0.2	20.2	0.0	0.5	10.6	-0.3	0.6	24.8	0.0	0.2	
UCKX98	14.1	-2.0	1.2	15.1	-2.6	0.5	13.1	2.4	2.2	16.8	-3.7X	1.1	
UJHPG2	18.0	0.7	0.8	21.2	0.4	2.4	10.8	-0.1	1.7	27.9	1.4	0.9	
VFJN26	14.1	-2.0	0.2	16.0	-2.2	0.1	8.8	-2.1	0.1	19.3	-2.5	0.3	
X78BW7	13.6	-2.3	0.9	16.4	-1.9	1.9	11.0	0.1	1.5	20.5	-2.0	0.1	
Y73BCW	18.2	0.8	1.0	21.3	0.5	1.3	11.5	0.8	0.8	23.8	-0.5	0.5	
YKZMHF	19.0	1.4	1.6	21.7	0.7	0.7	12.0	1.2	1.7	25.0	0.1	0.9	
ZQ2WP9	17.9	0.6	1.5	20.8	0.2	0.6	11.5	0.7	1.6	24.8	0.0	1.9	

Cu (SubTestCode 223) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB1901	SRB1902	SRB1903	SRB1904		
Grand Median	17.0	20.3	10.8	24.8		
Median Abs Dev	0.8	1.0	0.5	1.0		
Avg Within Lab SD	0.6	0.8	0.6	1.1		
Labs Included	37	37	37	36		
Labs Reporting	37	37	37	37		



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Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2YPEEZ	0.70	1.28	0.54	0.83	0.11	0.44	0.96	-1.61	1.62	0.87	2.83	0.79	
4ED4Q9	1.00	2.72		1.04	1.29	0.57	1.18	0.92	0.28	1.00	3.37		
6BAWGV	0.44	0.00	0.06	0.85	0.23	0.35	1.12	0.26	0.41	0.21	0.00	0.28	
7QMJNR	0.40	-0.21	0.20	0.73	-0.45	0.08	0.97	-1.43	0.09	0.20	-0.02	0.32	
9J8WHR	0.44	-0.02	0.24	0.81	0.00	0.67	1.15	0.53	0.66	0.19	-0.07	0.15	
CBL2UK	0.45	0.04	0.05	0.84	0.21	0.41	1.10	-0.04	0.41	0.21	0.00	0.14	
EJTHGB	0.43	-0.07	3.11	0.72	-0.51	2.79	1.43	3.74X	4.02	0.40	0.81	2.65	
EPWF9N	0.32	-0.60	0.40	0.54	-1.49	1.20	1.03	-0.83	1.91	0.13	-0.34	1.31	
JDQ3VJ	0.45	0.03	0.15	0.87	0.37	0.40	1.13	0.30	0.09	0.21	0.00	0.00	
KJBFHP	0.70	1.26	0.00	0.93	0.71	0.80	1.10	0.00	1.64	0.40	0.81	0.00	
QQE7NB	0.70	1.26	1.30	0.77	-0.23	0.80	1.03	-0.75	0.95	0.23	0.10	1.21	
QWEUW3							1.20	1.14					
TXQ7WJ	0.40	-0.20	0.01	0.61	-1.12	0.12	1.13	0.38	0.18	0.16	-0.19	0.09	
Y73BCW	0.22	-1.05	0.22	0.44	-2.05	1.04	1.05	-0.58	1.11	0.16	-0.21	0.97	

Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg	
	SRB1901			SRB1902			SRB1903			SRB1904			
Grand Median	0.44			0.81			1.10			0.21			
Median Abs Dev	0.04			0.08			0.05			0.04			
Avg Within Lab SD	0.08			0.07			0.06			0.05			
Labs Included	13			13			13			13			
Labs Reporting	13			13			14			13			



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P (SubTestCode 225) in the Dry Ash Property Groups

Data units: Percent

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
49T7ZZ	0.14	-0.54	0.89	0.59	-0.38	1.64	0.31	-0.16	1.85	0.13	-0.32	0.93
JDRQHP	0.16	0.43	1.87	0.61	-0.02	1.20	0.32	0.44	0.94	0.14	0.32	1.99
JT62BH	0.18	1.93	1.14	0.73	2.77	0.68	0.36	2.77	0.16	0.16	1.63	0.20
NBNLUH	0.15	0.29	0.37	0.61	0.02	0.50	0.30	-0.23	0.19	0.14	0.70	0.20
R4VPDX	0.15	-0.29	0.19	0.61	0.07	0.94	0.30	-0.28	0.34	0.12	-0.51	0.20
TXQ7WJ	0.14	-0.57	0.50	0.58	-0.78	0.54	0.31	0.16	1.24	0.12	-0.58	1.03

P (SubTestCode 225) in the Dry Ash Property Groups

Data units: Percent

	SRB1901	SRB1902	SRB1903	SRB1904
Grand Median	0.15	0.61	0.31	0.13
Median Abs Dev	0.01	0.01	0.01	0.01
Avg Within Lab SD	0.00	0.01	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	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
49T7ZZ	1.95	-0.78	0.06	7.88	0.00	0.62	1.58	-0.91	0.19	1.02	-0.14	0.31
DH3XBF	1.73	-1.67	2.43	7.46	-0.66	1.46	1.54	-1.16	2.60	0.80	-2.22	2.62
JDRQHP	2.19	0.23	0.22	7.24	-1.02	0.66	1.84	0.79	0.21	1.09	0.58	0.08
JT62BH	2.36	0.92	0.11	8.93	1.66	0.61	1.80	0.50	0.33	1.19	1.52	0.04
NBNLUH	2.19	0.23	0.11	7.92	0.07	0.89	1.52	-1.26	0.18	1.04	0.06	0.09
R4VPDX				7.39	-0.77	0.68	1.72	0.00	0.10	1.01	-0.19	0.08
TXQ7WJ	2.08	-0.23	0.03	8.22	0.54	1.55	1.74	0.11	0.03	1.03	0.00	0.02

K (SubTestCode 226) in the Dry Ash Property Groups

Data units: Percent

	SRB1901	SRB1902	SRB1903	SRB1904
Grand Median	2.14	7.88	1.72	1.03
Median Abs Dev	0.12	0.41	0.12	0.02
Avg Within Lab SD	0.14	0.12	0.10	0.07
Labs Included	6	7	7	7
Labs Reporting	6	7	7	7



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Ca (SubTestCode 227) in the Dry Ash Property Groups												Data units: Percent	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
49T7ZZ	2.13	-0.57	0.16	1.10	-0.23	0.31	0.74	-0.34	0.13	4.55	0.00	0.14	
DH3XBF	1.83	-1.63	2.64	0.91	-1.43	2.33	0.65	-1.02	2.61	3.11	-2.13	2.63	
JDRQHP	2.33	0.11	0.04	1.27	0.86	0.51	0.87	0.63	0.34	4.66	0.17	0.09	
JT62BH	2.77	1.64	0.09	1.44	1.93	0.17	0.96	1.29	0.05	5.51	1.43	0.11	
NBNLUH	2.30	0.00	0.03	1.17	0.20	0.98	0.72	-0.50	0.15	4.40	-0.22	0.15	
R4VPDX	2.23	-0.25	0.02	1.13	0.00	0.17	0.79	0.00	0.00	4.45	-0.15	0.04	
TXQ7WJ	2.45	0.53	0.05	1.12	-0.08	0.43	0.92	0.94	0.15	4.97	0.62	0.19	

Ca (SubTestCode 227) in the Dry Ash Property Groups					Data units: Percent			
	SRB1901		SRB1902		SRB1903		SRB1904	
Grand Median	2.30		1.13		0.79		4.55	
Median Abs Dev	0.15		0.04		0.08		0.15	
Avg Within Lab SD	0.26		0.03		0.07		0.51	
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	SRB1901			SRB1902			SRB1903			SRB1904				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
49T7ZZ	0.45	-0.10	0.17	1.63	0.75	0.54	0.34	0.00	0.37	0.33	-0.24	0.20		
DH3XBF	0.40	-1.21	2.63	1.49	-0.04	2.36	0.27	-1.64	2.45	0.28	-1.39	2.63		
JDRQHP	0.46	0.00	0.16	1.46	-0.22	0.28	0.36	0.25	0.72	0.34	-0.07	0.00		
JT62BH	0.54	1.85	0.03	1.79	1.59	0.50	0.42	1.60	0.26	0.43	1.80	0.02		
NBNLUH	0.47	0.37	0.09	1.45	-0.23	0.44	0.34	-0.05	0.43	0.36	0.33	0.05		
R4VPDX	0.46	0.00	0.16	1.50	0.00	0.28	0.34	-0.09	0.00	0.34	0.00	0.18		
TXQ7WJ	0.51	1.19	0.02	1.85	1.89	0.73	0.40	1.08	0.27	0.38	0.88	0.11		

Mg (SubTestCode 228) in the Dry Ash Property Groups					Data units: Percent			
	SRB1901		SRB1902		SRB1903		SRB1904	
Grand Median	0.46		1.50		0.34		0.34	
Median Abs Dev	0.02		0.04		0.01		0.02	
Avg Within Lab SD	0.04		0.02		0.01		0.03	
Labs Included	7		7		7		7	
Labs Reporting	7		7		7		7	



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Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
49T7ZZ	0.04	-0.59	0.30	2.22	-1.01	0.05	0.02	0.47	0.02	0.03	-0.29	0.28		
DH3XBF	0.05	0.74	1.69	1.09	-2.13	2.48	0.04	2.08	2.64	0.03	0.60	1.77		
JDRQHP	0.04	-0.06	1.58	3.29	0.05	0.37	0.01	-0.52	0.00	0.03	0.00	1.83		
JT62BH	0.05	1.78	0.16	3.60	0.35	0.05	0.02	0.00	0.13	0.03	0.41	0.18		
NBNLUH	0.05	0.71	0.00	2.50	-0.73	0.15	0.02	0.25	0.07	0.03	0.89	0.00		
R4VPDX	0.04	-0.83	0.16	3.24	0.00	0.17	0.01	-0.67	0.00	0.02	-1.38	0.00		
TXQ7WJ	0.04	0.00	1.22	3.70	0.45	0.80	0.01	-0.73	0.11	0.02	-1.14	0.65		

Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent	
	SRB1901			SRB1902			SRB1903			SRB1904				
Grand Median	0.044			3.24			0.017			0.027				
Median Abs Dev	0.002			0.46			0.007			0.003				
Avg Within Lab SD	0.004			0.25			0.008			0.003				
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
	SRB1901			SRB1902			SRB1903			SRB1904
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
838KG4	119.8		1.3	364.5		0.8	125.4		1.6	135.9 1.4
JT62BH	147.6		1.2	684.2		1.2	87.5		0.1	167.8 0.8
TXQ7WJ	114.8		0.1	404.0		1.0	108.8		0.6	123.2 0.8

AI (SubTestCode 230) in the Dry Ash Property Groups					Data units: mg/kg
	SRB1901		SRB1902		SRB1903
Grand Median	119.8		404.0		108.8
Median Abs Dev					
Avg Within Lab SD	7.9		13.9		11.8
Labs Included	3		3		3
Labs Reporting	3		3		3



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B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
49T7ZZ	428.9	6.0X	0.2	27.5	-0.3	0.3	15.9	0.0	0.3	121.3	1.2	0.9
838KG4	230.7	-0.3	2.0	27.2	-0.3	0.9	14.4	-0.5	1.0	98.3	-0.2	2.1
DH3XBF	210.7	-0.9	1.6	27.6	-0.3	0.5	14.6	-0.4	1.3	86.8	-0.9	1.0
JDRQHP	238.3	0.0	0.5	43.7	2.1	0.4	20.7	1.6	1.2	102.0	0.0	1.0
JT62BH	258.9	0.6	0.3	37.6	1.2	0.1	18.9	1.0	0.3	121.0	1.2	0.9
NBNLUH	295.5	1.8	0.9	36.8	1.1	0.2	18.5	0.8	0.2	127.0	1.5	0.1
R4VPDX	240.7	0.0	0.3	26.5	-0.4		13.5	-0.8	0.1	96.4	-0.3	0.1
TXQ7WJ	250.7	0.4	0.3	29.3	0.0	0.1	15.0	-0.3	0.3	107.3	0.3	0.7
UCKX98	195.2	-1.4	0.2	31.9	0.4	2.6	17.9	0.7	2.1	95.2	-0.4	0.7

B (SubTestCode 231) in the Dry Ash Property Groups

Data units: mg/kg

	SRB1901	SRB1902	SRB1903	SRB1904
Grand Median	239.5	29.3	15.9	102.0
Median Abs Dev	15.3	2.5	2.0	6.8
Avg Within Lab SD	6.1	1.6	0.9	1.7
Labs Included	8	9	9	9
Labs Reporting	9	9	9	9



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Zn (SubTestCode 232) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
49T7ZZ	121.0	-0.5	1.2	41.6	-0.1	0.4	14.7	-0.8	0.2	59.7	-0.5	0.3	
DH3XBF	117.4	-0.7	1.1	38.2	-0.5	0.7	17.4	-0.4	0.5	59.4	-0.6	2.3	
JDRQHP	131.7	0.2	1.0	42.3	0.0	1.1	20.3	0.1	0.8	67.0	0.4	0.7	
JT62BH	158.4	2.0	1.1	54.2	1.5	0.6	24.3	0.7	0.2	81.6	2.1	0.3	
NBNLUH	131.8	0.2	1.2	48.1	0.7	1.9	36.7	2.6	2.2	66.4	0.3	0.2	
R4VPDX	128.0	0.0	0.7	43.0	0.1		19.0	-0.1		64.0	0.0		
TXQ7WJ	111.1	-1.1	0.6	28.0	-1.8	0.4	20.0	0.0	0.2	57.0	-0.8	0.4	

Zn (SubTestCode 232) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1901	SRB1902	SRB1903	SRB1904		
Grand Median	128.0	42.3	20.0	64.0		
Median Abs Dev	7.0	4.1	2.5	4.3		
Avg Within Lab SD	1.5	1.4	1.4	1.5		
Labs Included	7	7	7	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	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
49T7ZZ	64.4	-0.3	0.4	63.2	0.0	0.2	45.8	-0.5	0.3	39.2	-1.9	0.6	
DH3XBF	65.3	-0.1	2.4	62.2	-0.2	2.3	46.2	-0.4	2.4	46.2	0.0	2.3	
JDRQHP	66.0	0.0	0.3	63.7	0.1	0.5	47.3	-0.1	0.5	44.0	-0.6	0.6	
JT62BH	74.5	1.6	0.3	74.1	2.7	0.2	52.3	1.3	0.3	47.0	0.2	0.1	
NBNLUH	73.1	1.3	0.2	67.2	1.0	0.6	47.7	0.0	0.1	48.7	0.6	0.1	
R4VPDX	66.0	0.0		62.0	-0.3		49.0	0.4		44.0	-0.6		
TXQ7WJ	73.6	1.4	0.1	61.5	-0.4	0.1	54.7	2.0	0.1	49.3	0.8	0.2	

Mn (SubTestCode 233) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB1901		SRB1902		SRB1903	
Grand Median	66.0		63.2		47.7	
Median Abs Dev	1.6		1.2		1.6	
Avg Within Lab SD	3.4		3.2		2.2	
Labs Included	7		7		7	
Labs Reporting	7		7		7	



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Fe (SubTestCode 234) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
49T7ZZ	109.7	-0.5	0.7	510.7	1.6	0.8	145.5	-0.4	1.2	123.4	0.0	1.5	
DH3XBF	197.0	7.9X	24.2	492.4	1.4	2.4	245.8	8.9X	6.8	216.9	6.7X	13.7	
JDRQHP	118.0	0.3	0.7	308.3	-0.3	0.8	149.3	-0.1	1.4	122.3	0.0	1.5	
JT62BH	119.5	0.5	1.5	459.5	1.1	0.3	146.1	-0.4	0.3	147.5	1.8	0.2	
NBNLUH	100.9	-1.3	0.7	336.2	-0.1	0.2	170.6	1.9	0.7	115.3	-0.5	0.2	
R4VPDX	111.3	-0.3	0.8	341.7	0.0	0.0	151.0	0.1	0.8	120.3	-0.2	0.3	
TXQ7WJ	126.8	1.2	1.2	315.5	-0.2	0.3	162.6	1.2	1.2	144.0	1.5	1.1	

Fe (SubTestCode 234) in the Dry Ash Property Groups												Data units: mg/kg	
	SRB1901			SRB1902			SRB1903			SRB1904			
Grand Median	114.7			341.7			150.2			122.8			
Median Abs Dev	4.9			33.3			4.4			5.0			
Avg Within Lab SD	1.5			20.2			3.3			2.0			
Labs Included	6			7			6			6			
Labs Reporting	7			7			7			7			



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Cu (SubTestCode 235) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
49T7ZZ	19.7	0.9	1.0	22.1	0.5	1.8	7.5	-0.7	0.3	26.4	0.6	1.2	
DH3XBF	15.3	-1.1	0.4	17.1	-0.8	1.4	8.3	0.2	0.5	21.7	-0.6	1.5	
JDRQHP	17.7	0.0	1.5	16.5	-1.0	0.4	6.7	-1.5	2.3	24.1	0.0	0.5	
JT62BH	20.0	1.1	1.2	24.5	1.2	0.9	8.5	0.4	0.5	28.1	1.1	0.2	
NBNLUH	14.5	-1.4	0.9	16.0	-1.2	0.3	8.1	0.0	0.2	16.1	-2.1	0.1	
R4VPDX	17.7	0.0	1.1	20.2	0.0	0.6	7.5	-0.7	0.3	24.3	0.1	0.5	
TXQ7WJ	17.2	-0.2	0.4	20.4	0.1	0.6	9.4	1.3	1.1	23.3	-0.2	1.7	

Cu (SubTestCode 235) in the Dry Ash Property Groups												Data units: mg/kg	
	SRB1901			SRB1902			SRB1903			SRB1904			
Grand Median	17.7			20.2			8.15			24.1			
Median Abs Dev	2.0			3.1			0.68			2.3			
Avg Within Lab SD	0.3			0.4			0.20			0.3			
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
WebCode	SRB1901			SRB1902			SRB1903			SRB1904	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
JT62BH	0.87		1.36	1.37		1.41	1.63		1.26	0.97	1.40
TXQ7WJ	0.37		0.38	0.54		0.16	0.99		0.65	0.15	0.21

Mo (SubTestCode 236) in the Dry Ash Property Groups											Data units: mg/kg
	SRB1901		SRB1902		SRB1903		SRB1904				
Grand Median		0.62		0.95		1.31		0.56			
Median Abs Dev											
Avg Within Lab SD		0.04		0.04		0.05		0.04			
Labs Included		2		2		2		2			
Labs Reporting		2		2		2		2			



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

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XUQZC	0.38	-0.37	0.62	0.19	-0.03	0.01	0.14	-0.09	0.03	0.20	-0.10	0.01
2YPEEZ	2.33	8.61X	0.31	1.27	2.41	0.80	0.87	2.35	0.59	3.65	24.55X	0.04
4ED4Q9	0.25	-0.98	0.68							0.11	-0.75	0.09
6BAWGV	0.46	-0.01	0.08	0.17	-0.07	0.05	0.15	-0.04	0.04	0.22	0.00	0.03
7QMJNR	0.53	0.33	0.89	0.43	0.53	0.48	0.30	0.46	0.00	0.40	1.32	0.37
9J8WHR	0.45	-0.07	0.24	0.16	-0.10	0.13	0.16	-0.02	0.04	0.21	-0.03	0.04
CBL2UK	0.51	0.21	0.14	0.21	0.03	0.11	0.17	0.02	0.05	0.24	0.19	0.01
EJTHGB	1.20	3.41	2.49	1.16	2.18	2.67	0.88	2.38	2.76	0.63	2.99	2.80
JDQ3VJ	0.46	0.01	0.32	0.18	-0.05	0.05	0.15	-0.04	0.05	0.21	0.00	0.01

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

	SRB1901	SRB1902	SRB1903	SRB1904
Grand Median	0.46	0.20	0.16	0.21
Median Abs Dev	0.06	0.04	0.02	0.02
Avg Within Lab SD	0.07	0.12	0.12	0.27
Labs Included	8	8	8	8
Labs Reporting	9	8	8	9



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Ba (SubTestCode 238) in the Heavy Metals Property Groups													Data units: mg/kg
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XUQZC	31.40	0.41	0.36	9.37	1.32	1.21	6.70	0.46	0.47	88.05	0.33	0.37	
2YPEEZ	27.49	-1.35	0.02	6.97	-1.55	0.44	5.44	-1.45	0.26	78.12	-1.16	0.29	
4ED4Q9	29.02	-0.66	1.66	7.34	-1.11	0.98	5.47	-1.41	1.31	83.62	-0.33	2.10	
6BAWGV	30.40	-0.04	1.06	8.16	-0.13	1.01	6.08	-0.49	0.49	91.53	0.86	1.31	
7QMJNR	27.27	-1.45	0.15	8.07	-0.24	1.03	7.07	1.02	2.45	80.93	-0.74	0.07	
9J8WHR	28.53	-0.88	2.07	8.31	0.05	1.23	6.72	0.50	0.96	81.17	-0.70	0.42	
CBL2UK	31.50	0.46	0.48	9.11	1.01	1.44	6.51	0.17	0.47	83.47	-0.36	1.13	
EJTHGB	31.40	0.41	0.50	8.22	-0.05	0.75	6.28	-0.17	0.45	88.80	0.45	0.17	
JDQ3VJ	30.57	0.04	0.86	8.82	0.66	1.05	6.25	-0.22	0.21	89.13	0.50	1.39	
QWEUW3	32.81	1.05	0.70	8.79	0.62	0.25	6.96	0.85	0.62	94.50	1.31	0.47	

Ba (SubTestCode 238) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB1901		SRB1902		SRB1903
Grand Median	30.5		8.27		6.40
Median Abs Dev	1.2		0.53		0.32
Avg Within Lab SD	0.8		0.28		0.34
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	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XUQZC	0.04	-0.03	0.21	1.67	-0.78	0.56	0.05	0.05	0.04	0.02	-0.03	0.11
2YPEEZ	0.00	-2.30	0.30	1.63	-1.03	0.41	0.01	-1.52	0.00	0.02	0.73	0.87
4ED4Q9	0.01	-1.87	0.30	1.44	-2.23	0.31	0.01	-1.46	0.03			
6BAWGV	0.04	0.00	0.24	1.78	-0.11	0.77	0.05	0.00	0.05	0.02	-0.14	0.03
7QMJNR	0.04	0.06	1.14	1.51	-1.76	0.09	0.03	-0.52	0.15	0.02	0.35	0.00
9J8WHR	0.04	0.02	0.41	1.82	0.11	1.98	0.05	0.00	0.07	0.01	-0.30	0.04
CBL2UK	0.05	0.17	0.13	1.82	0.13	1.11	0.05	0.06	0.04	0.02	0.00	0.14
EJTHGB	0.02	-1.35	2.68	1.83	0.20	1.21	0.09	1.99	2.99	0.04	3.17	2.49
JDQ3VJ	0.05	0.27	0.23	1.84	0.21	0.92	0.06	0.47	0.16			
QWEUW3				1.83	0.18	1.18						

Cd (SubTestCode 239) in the Heavy Metals Property Groups Data units: mg/kg

	SRB1901	SRB1902	SRB1903	SRB1904
Grand Median	0.042	1.80	0.045	0.017
Median Abs Dev	0.003	0.03	0.011	0.003
Avg Within Lab SD	0.005	0.06	0.039	0.013
Labs Included	9	10	9	7
Labs Reporting	9	10	9	7



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Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XUQZC	0.15	-0.03	0.18	0.38	0.97	0.47	0.07	-1.45	1.69	0.20	0.08	0.18	
2YPEEZ	0.14	-0.32	1.74	0.24	-1.83	0.61	0.06	-1.97	0.00	0.27	1.62	0.29	
4ED4Q9	0.22	1.73	2.56	0.31	-0.51	0.51	0.09	-0.48	0.06	0.19	-0.12	0.44	
6BAWGV	0.15	0.03	0.16	0.34	0.18	0.53	0.11	0.01	0.00	0.19	-0.08	0.28	
7QMJNR	0.17	0.49	0.18	0.36	0.46	0.80	0.13	1.18	0.48	0.21	0.36	0.51	
9J8WHR	0.14	-0.36	0.11	0.29	-0.75	0.47	0.11	-0.01	0.31	0.17	-0.59	0.22	
CBL2UK	0.11	-0.93	0.12	0.28	-1.08	0.64	0.09	-0.62	0.31	0.15	-0.99	0.20	
EJTHGB	0.18	0.64	0.54	0.36	0.58	2.51	0.11	0.23	2.51	0.28	1.95	2.99	
JDQ3VJ	0.15	-0.08	0.10	0.34	0.20	0.30	0.11	0.32	0.18	0.18	-0.30	0.51	
KJBFHP	0.24	2.13	0.10	0.32	-0.18	1.09	0.12	0.47	0.65	0.22	0.66	0.29	
QWEUW3	0.54	9.53X		0.64	5.91X								

Co (SubTestCode 240) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1901	SRB1902	SRB1903	SRB1904		
Grand Median	0.15	0.33	0.11	0.19		
Median Abs Dev	0.02	0.03	0.01	0.02		
Avg Within Lab SD	0.06	0.02	0.03	0.02		
Labs Included	10	10	10	10		
Labs Reporting	11	11	10	10		



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Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2XUQZC	2.60	0.11	0.01	0.91	0.35	0.13	2.18	0.24	0.67	7.24	1.62	0.75	
2YPEEZ	2.28	-0.69	0.16	0.47	-1.40	0.03	1.70	-1.35	0.29	5.32	-1.21	0.46	
4ED4Q9	2.25	-0.76	0.82	0.64	-0.73	0.20	1.64	-1.53	0.49	5.06	-1.59	1.56	
6BAWGV	2.63	0.19	0.06	1.19	1.49	0.22	2.34	0.79	0.35	6.53	0.58	0.69	
7QMJNR	2.50	-0.13	0.40	0.77	-0.21	0.20	1.80	-1.01	0.00	5.47	-0.99	0.25	
9J8WHR	2.51	-0.11	0.39	0.81	-0.04	0.07	2.15	0.15	0.78	5.67	-0.68	1.35	
CBL2UK	3.83	3.23	2.96	0.79	-0.10	0.21	2.37	0.87	2.60	6.15	0.01	0.55	
EJTHGB	2.49	-0.15	0.25	1.00	0.73	2.96	2.04	-0.21	0.28	6.13	-0.01	1.36	
JDQ3VJ	2.65	0.25	0.15	0.83	0.04	0.15	2.06	-0.15	0.29	6.17	0.05	1.44	
QWEUW3	2.99	1.11	0.36	1.23	1.64		2.24	0.44	1.26	6.14	0.01	0.48	

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1901		SRB1902		SRB1903	
Grand Median	2.55		0.82		2.11	
Median Abs Dev	0.09		0.14		0.19	
Avg Within Lab SD	0.50		0.29		0.16	
Labs Included	10		10		10	
Labs Reporting	10		10		10	



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Pb (SubTestCode 242) in the Heavy Metals Property Groups Data units: mg/kg

WebCode	SRB1901			SRB1902			SRB1903			SRB1904		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2XUQZC	0.11	0.00	0.03	0.27	0.00	0.08	0.18	0.00	0.08	0.20	0.00	0.06
2YPEEZ	1.01	2.80	1.42	0.65	1.27	0.26	0.38	0.94	0.61	2.12	2.96	1.43
4ED4Q9	0.65	1.68	1.68	0.69	1.39	1.91	0.45	1.24	0.56	0.81	0.94	2.13
6BAWGV	0.10	-0.05	0.02	0.20	-0.23	0.04	0.16	-0.12	0.04	0.16	-0.07	0.03
7QMJNR	0.30	0.58	0.82	0.70	1.42	0.75	0.53	1.64	0.44	0.27	0.10	0.73
9J8WHR	0.10	-0.06	0.06	0.21	-0.21	0.25	0.17	-0.05	0.04	0.16	-0.07	0.10
CBL2UK	0.10	-0.05	0.01	0.20	-0.24	0.09	0.16	-0.09	0.10	0.16	-0.06	0.03
EJTHGB	0.38	0.82	1.86	0.62	1.17	2.15	0.60	1.93	2.85	1.37	1.81	1.36
JDQ3VJ	0.11	-0.03	0.05	0.23	-0.14	0.11	0.17	-0.05	0.01	0.16	-0.07	0.03

Pb (SubTestCode 242) in the Heavy Metals Property Groups Data units: mg/kg

	SRB1901	SRB1902	SRB1903	SRB1904
Grand Median	0.11	0.27	0.18	0.20
Median Abs Dev	0.02	0.07	0.03	0.04
Avg Within Lab SD	0.12	0.13	0.13	0.08
Labs Included	9	9	9	9
Labs Reporting	9	9	9	9



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Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB1901			SRB1902			SRB1903			SRB1904			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2YPEEZ	142.4	-0.9	0.2	25.5	-1.0	0.5	13.8	-1.3	0.2	262.2	-0.8	0.2	
4ED4Q9	154.4	-0.1	1.6	27.4	-0.6	0.5	14.7	-0.6	1.7	280.0	-0.2	1.1	
6BAWGV	156.0	0.1	0.4	31.3	0.3	0.4	16.0	0.3		300.0	0.5	0.7	
7QMJNR	144.3	-0.7	0.3	28.7	-0.3	1.1	15.3	-0.2	1.1	267.0	-0.6	0.2	
9J8WHR	144.7	-0.7	1.7	26.9	-0.7	1.0	16.1	0.4	1.1	258.3	-0.9	1.8	
CBL2UK	170.7	1.1	0.5	37.4	1.8	1.9	15.0	-0.4	0.7	329.0	1.4	0.4	
EJTHGB	163.0	0.5	1.7	31.6	0.4	1.5	15.8	0.2	1.4	291.1	0.2	2.0	
JDQ3VJ	156.7	0.1	0.9	31.1	0.3	1.0	15.8	0.2	0.4	293.7	0.3	0.7	
KJBFHP	132.6	-1.5	0.4	25.9	-1.0	0.4	12.4	-2.3	0.8	254.1	-1.0	0.2	
QWEUW3	170.8	1.1	0.4	31.3	0.3	0.3	16.8	0.9	0.4	311.7	0.9	0.6	

Sr (SubTestCode 243) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB1901		SRB1902		SRB1903	
Grand Median	155.2		29.9		15.5	
Median Abs Dev	10.7		2.1		0.6	
Avg Within Lab SD	4.1		1.1		0.5	
Labs Included	10		10		10	
Labs Reporting	10		10		10	



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PH (SubTestCode 301)												Data units:
WebCode	SRW1901			SRW1902			SRW1903					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
29V4C6	7.57	0.34	0.06	8.15	-0.39	0.14	7.61	-0.10	0.32			
4728L3	7.50	0.03		8.00	-1.16		7.43	-0.56	0.81			
74PA6Q	7.32	-0.79	1.02	7.82	-2.12	0.51	7.22	-1.14	1.84			
7QMJNR	7.50	0.03		8.17	-0.26	0.00	7.73	0.23	0.00			
838KG4	7.39	-0.48	1.66	8.27	0.28	0.99	7.94	0.80	2.40			
CBNPHQ	6.97	-2.41	0.95	7.98	-1.24	1.67	7.20	-1.18	0.49			
DH3XBF	7.75	1.20	0.24	8.27	0.28	2.16	8.02	1.00	1.61			
JDRQHP	7.38	-0.51	0.37	8.03	-0.98	1.88	7.50	-0.39	0.77			
JT62BH	7.49	0.00	0.22	8.24	0.12	0.51	7.64	0.00	0.16			
NJF9G9	7.49	-0.03	2.68	8.39	0.88	0.86	7.98	0.89	0.77			
QPG6ED	7.49	0.00	0.30	8.22	0.00	0.49	7.56	-0.22	0.24			
QWEUW3	7.61	0.54	0.36	8.29	0.39	0.28	7.84	0.52	0.21			
Y73BCW	7.56	0.29	0.16	8.28	0.32	0.25	7.82	0.47	0.24			
YKZMHF	7.03	-2.16	0.52	8.10	-0.63	0.25	7.03	-1.64	0.64			
ZQ2WP9	7.77	1.30	0.63	8.42	1.07	0.51	8.00	0.97	0.66			

PH (SubTestCode 301)												Data units:
	SRW1901			SRW1902			SRW1903					
Grand Median	7.49			8.22			7.64					
Median Abs Dev	0.10			0.07			0.21					
Avg Within Lab SD	0.10			0.04			0.07					
Labs Included	15			15			15					
Labs Reporting	15			15			15					



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EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW1901			SRW1902			SRW1903		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
29V4C6	3.30	-0.70	0.23	0.47	-0.83	1.12	0.15	-0.33	0.00
4728L3	3.41	-0.30	0.60	0.49	-0.37	0.00	0.15	-0.33	0.00
74PA6Q	2.78	-2.59	1.00	0.42	-2.39	0.39	0.15	-0.59	3.35
7QMJNR	3.48	-0.05	0.23	0.49	-0.30	0.11	0.15	-0.13	0.00
838KG4	3.19	-1.12	0.00	0.46	-1.20	0.00	0.14	-1.32	0.00
CBNPHQ	3.60	0.39	1.26	0.51	0.28	1.12	0.16	0.66	0.00
DH3XBF	3.65	0.56	1.51	0.55	1.30	2.01	0.18	3.09	1.10
JDRQHP	3.50	0.00	0.23	0.50	0.00	1.12	0.15	0.00	1.33
JT62BH	3.70	0.75	0.45	0.55	1.29	0.00	0.17	1.65	0.00
NJF9G9	3.58	0.29	2.01	0.53	0.67	1.96	0.16	0.53	0.48
QPG6ED	3.58	0.29	0.72	0.51	0.32	0.21	0.16	0.22	0.13
QWEUW3	3.56	0.24	0.23	0.51	0.26	0.56	0.16	0.16	0.00
Y73BCW	3.57	0.27	0.17	0.52	0.37	0.11	0.16	0.56	0.40
YKZMHF	2.84	-2.39	0.68	0.49	-0.37	0.00	0.15	-0.33	0.00
ZQ2WP9	3.45	-0.17	2.08	0.50	-0.17	1.69	0.15	-0.23	0.61

EC (SubTestCode 302)

Data units: dS/m

	SRW1901	SRW1902	SRW1903
Grand Median	3.50	0.50	0.15
Median Abs Dev	0.08	0.01	0.00
Avg Within Lab SD	0.03	0.01	0.00
Labs Included	15	15	15
Labs Reporting	15	15	15



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Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW1901			SRW1902			SRW1903		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4728L3	2.73	0.00	0.22	0.15	0.68	0.46	0.50	1.99	2.10
74PA6Q	2.15	-3.42X	0.03	0.22	2.20	1.34	0.40	0.00	1.03
7QMJNR	2.88	0.83		0.05	-1.39	0.00	0.18	-4.45X	0.00
838KG4	2.56	-1.00	0.20	0.05	-1.47	0.29	0.32	-1.61	0.27
CBNPHQ	2.74	0.06	0.29	0.14	0.51	3.09	0.42	0.38	2.05
DH3XBF	2.34	-2.30	3.41	0.30	4.07X	7.76	0.40	0.04	1.33
JDRQHP	2.97	1.36	0.18	0.12	0.00	0.26	0.40	0.04	0.00
JT62BH	2.66	-0.41	0.04	0.11	-0.22	0.26	0.31	-1.87	0.19
NJF9G9	2.79	0.33	0.18	0.13	0.36	0.13	0.39	-0.07	0.16
QPG6ED	2.68	-0.34	0.23	0.09	-0.50	0.20	0.36	-0.69	0.34
QWEUW3	2.71	-0.16	0.07	0.12	-0.01	0.04	0.37	-0.68	0.09
Y73BCW	2.85	0.68	0.06	0.15	0.80	0.33	0.41	0.32	0.39
YKZMHF	2.68	-0.29	0.19	0.10	-0.37	0.00	0.39	-0.17	0.85
ZQ2WP9	2.91	1.01	0.13	0.13	0.25	1.04	0.44	0.92	0.62

Ca (SubTestCode 303) in the Cations Property Groups

Data units: mmolc/L

	SRW1901	SRW1902	SRW1903
Grand Median	2.73	0.12	0.40
Median Abs Dev	0.07	0.02	0.02
Avg Within Lab SD	0.32	0.02	0.03
Labs Included	13	13	13
Labs Reporting	14	14	14



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Mg (SubTestCode 304) in the Cations Property Groups Data units: mmolc/L

WebCode	SRW1901			SRW1902			SRW1903		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4728L3	0.875	0.000	1.266	0.203	11.423X	21.044	0.944	-0.091	2.493
74PA6Q	0.688	-3.578X	0.881	0.050	1.919	1.290	0.713	-2.353	0.650
7QMJNR	0.911	0.679	0.164	0.008	-0.657	0.000	0.902	-0.496	0.179
838KG4	0.849	-0.510	0.587				0.985	0.314	0.607
CBNPHQ	0.853	-0.420	0.946	0.037	1.120	2.939	0.910	-0.421	0.398
DH3XBF	0.897	0.405	2.566	0.020	0.087	0.367	0.889	-0.627	1.375
JDRQHP	0.900	0.469	0.000	0.053	2.153	0.674	0.800	-1.498	0.000
JT62BH	0.827	-0.928	0.237	0.010	-0.533	0.000	0.967	0.134	0.828
NJF9G9	0.889	0.252	0.944	0.014	-0.314	0.074	1.016	0.621	0.915
QPG6ED	0.795	-1.540	1.258				0.940	-0.127	0.921
QWEUW3	0.838	-0.705	0.313	0.011	-0.450	0.067	0.962	0.091	0.061
Y73BCW	0.880	0.086	0.822	0.019	0.000	0.071	0.981	0.279	0.403
YKZMHF	0.763	-2.134	0.473	0.020	0.087	0.000	1.100	1.439	0.689
ZQ2WP9	0.909	0.641	0.148	0.017	-0.099	0.309	1.050	0.950	1.379

Mg (SubTestCode 304) in the Cations Property Groups Data units: mmolc/L

	SRW1901	SRW1902	SRW1903
Grand Median	0.88	0.019	0.95
Median Abs Dev	0.03	0.007	0.05
Avg Within Lab SD	0.02	0.009	0.03
Labs Included	13	11	14
Labs Reporting	14	12	14



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Na (SubTestCode 305) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW1901			SRW1902			SRW1903			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
29V4C6	29.17	-0.98	0.02	4.26	-0.53	0.08	0.29	-0.03	0.26	
4728L3	25.56	-2.40	0.07	4.59	0.32	0.20	0.41	3.47X	0.66	
74PA6Q	20.54	-4.37X	1.04	3.91	-1.41	0.29	0.27	-0.86	0.26	
7QMJNR	31.37	-0.12	0.18	4.18	-0.74	0.06	0.28	-0.45	0.13	
838KG4	31.30	-0.14	0.49	4.78	0.79	0.18	0.30	0.25	0.39	
CBNPHQ	32.24	0.23	2.02	4.37	-0.25	1.68	0.34	1.29	3.20	
DH3XBF	35.07	1.34	2.82	4.92	1.15	3.14	0.30	0.10	1.55	
JDRQHP	31.13	-0.21	0.33	4.23	-0.59	0.84	0.30	0.17	0.00	
JT62BH	34.13	0.97	0.33	4.65	0.46	0.23	0.25	-1.25	0.26	
NJF9G9	33.11	0.57	0.75	4.72	0.63	0.30	0.29	-0.23	0.23	
QPG6ED	30.31	-0.53	0.73	4.42	-0.12	1.11	0.30	0.03	0.26	
QWEUW3	31.96	0.12	0.33	4.47	0.00	0.08	0.28	-0.50	0.08	
Y73BCW	32.87	0.48	0.04	4.79	0.83	0.05	0.37	2.20	0.48	
YKZMHF	31.10	-0.22	0.22	4.13	-0.86	0.24	0.27	-0.74	0.00	
ZQ2WP9	34.57	1.14	0.48	5.03	1.42	0.15	0.34	1.35	0.80	

Na (SubTestCode 305) in the Cations Property Groups										Data units: mmolc/L
	SRW1901			SRW1902			SRW1903			
Grand Median	31.7			4.47			0.29			
Median Abs Dev	1.3			0.25			0.02			
Avg Within Lab SD	1.6			0.25			0.02			
Labs Included	14			15			14			
Labs Reporting	15			15			15			



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K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW1901			SRW1902			SRW1903		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
29V4C6	0.12	0.95	0.27	0.47	1.37	0.46	0.03	0.13	0.45
4728L3	0.15	1.69	0.60	0.47	1.21	1.48	0.06	2.47	0.20
74PA6Q	0.15	1.54	1.04	0.44	-0.27	1.85	0.09	4.08X	0.55
7QMJNR	0.09	-0.02	0.08	0.43	-0.99	0.14	0.02	-0.27	0.09
838KG4	0.07	-0.38	0.07	0.44	-0.30	0.54	0.01	-0.96	0.18
CBNPHQ	0.13	1.04	3.32	0.44	-0.19	0.46	0.05	1.59	3.40
DH3XBF	0.08	-0.25	0.12	0.44	-0.15	0.80	0.02	-0.13	0.26
JT62BH	0.09	0.00	0.27	0.39	-3.15X	0.46	0.02	-0.29	0.00
NJF9G9	0.08	-0.24	0.13	0.47	1.44	0.84	0.02	-0.18	0.05
QPG6ED	0.10	0.30	0.12	0.46	0.58	1.16	0.05	1.31	0.17
QWEUW3	0.08	-0.17	0.08	0.44	-0.30	0.26	0.02	-0.16	0.00
Y73BCW	0.08	-0.21	0.16	0.47	1.12	1.50	0.03	0.27	0.18
YKZMHF	0.16	1.99	0.53	0.45	0.15	0.80	0.03	0.34	0.00

K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

	SRW1901	SRW1902	SRW1903
Grand Median	0.087	0.45	0.025
Median Abs Dev	0.012	0.01	0.004
Avg Within Lab SD	0.022	0.01	0.013
Labs Included	13	12	12
Labs Reporting	13	13	13



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NH4-N (SubTestCode 307) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW1901			SRW1902			SRW1903			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4728L3	0.046		1.414	0.010		1.414	0.013		1.375	
Y73BCW	0.001		0.017	0.001		0.019	0.001		0.332	
NH4-N (SubTestCode 307) in the Cations Property Groups										Data units: mmolc/L
	SRW1901			SRW1902			SRW1903			
Grand Median	0.024			0.006			0.007			
Median Abs Dev										
Avg Within Lab SD	0.041			0.005			0.002			
Labs Included	2			2			2			
Labs Reporting	2			2			2			



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Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW1901			SRW1902			SRW1903			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4728L3	29.37	-0.81	0.01	5.43	0.08	0.02	1.92	0.08	0.00	
7QMJNR	35.24	0.07	0.04	4.66	-0.30	0.00	1.38	-0.13	0.00	
838KG4	34.78	0.00	0.12	5.27	0.00	0.01	1.62	-0.04	0.00	
JT62BH	37.71	0.44	0.07	5.15	-0.06	0.01	1.55	-0.07	0.00	
NJF9G9	36.87	0.31	0.18	5.34	0.03	0.01	1.72	0.00	0.00	
QPG6ED	14.06	-3.09	2.64	13.40	3.98	2.65	13.04	4.38	2.65	
Y73BCW	36.68	0.28X	0.01	5.44	0.08X	0.00	1.79	0.03X	0.00	
YKZMHF	34.71	-0.01	0.04	4.70	-0.28	0.01	1.79	0.03	0.01	

Sum Cations (SubTestCode 308) in the Cations Property Groups				Data units: mmolc/L
	SRW1901	SRW1902	SRW1903	
Grand Median	34.8	5.27	1.72	
Median Abs Dev	2.1	0.16	0.17	
Avg Within Lab SD	7.0	6.66	6.48	
Labs Included	7	7	7	
Labs Reporting	8	8	8	



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SAR (SubTestCode 309) in the Cations Property Groups

Data units:

WebCode	SRW1901			SRW1902			SRW1903		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7QMJNR	22.8	-0.6	0.4	23.9	1.9	0.2	0.4	0.8	0.0
JDRQHP	22.4	-0.9	1.1	14.5	-0.8	1.8	0.4	1.3	0.0
JT62BH	25.8	1.4	0.7	19.2	0.5	0.9	0.3	-0.5	1.7
NJF9G9	24.4	0.5	1.4	17.4	0.0	0.4	0.3	0.0	1.4
YKZMHF	23.7	0.0	1.0	17.0	-0.1	0.9	0.3	-0.7	0.0

SAR (SubTestCode 309) in the Cations Property Groups

Data units:

	SRW1901	SRW1902	SRW1903
Grand Median	23.7	17.4	0.34
Median Abs Dev	0.9	1.8	0.03
Avg Within Lab SD	0.5	0.4	0.00
Labs Included	5	5	5
Labs Reporting	5	5	5



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

WebCode	SRW1901			SRW1902			SRW1903		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
JDRQHP	20.5		1.0	10.7		1.0	0.3		1.0

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

	SRW1901	SRW1902	SRW1903
Grand Median	20.5	10.7	0.30
Median Abs Dev			
Avg Within Lab SD	0.4	0.5	0.00
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	SRW1901			SRW1902			SRW1903		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4728L3	0.93	-0.62	0.54	2.48	-1.48	0.19	0.99	-1.10	0.19
7QMJNR	1.10	-0.07	0.00	2.97	-0.18	0.00	1.15	-0.27	0.00
838KG4	1.24	0.37	0.64	3.49	1.17	2.23	1.25	0.23	0.28
CBNPHQ	1.11	-0.05	0.18	3.01	-0.07	0.30	1.20	0.01	0.08
JDRQHP	1.60	1.53	0.00	3.07	0.07	1.32	1.00	-1.04	2.65
JT62BH	1.02	-0.32	0.00	2.87	-0.43	0.07	1.08	-0.61	0.08
NJF9G9	1.69	1.81	3.00	3.20	0.42	1.60	1.23	0.14	1.65
QPG6ED	1.70	1.86	0.45	3.59	1.46	0.62	1.78	2.98	0.19
Y73BCW	1.14	0.05	0.29	3.46	1.09	0.45	1.27	0.36	0.32
YKZMHF	1.10	-0.07	0.00	2.90	-0.36	0.00	1.20	-0.01	0.00

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

	SRW1901	SRW1902	SRW1903
Grand Median	1.12	3.04	1.20
Median Abs Dev	0.11	0.16	0.06
Avg Within Lab SD	0.06	0.09	0.08
Labs Included	10	10	10
Labs Reporting	10	10	10



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

SRW1901				SRW1902			SRW1903		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7QMJNR				0.050		0.000			
Y73BCW				0.075		1.414			

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

	SRW1901			SRW1902			SRW1903		
Grand Median				0.063					
Median Abs Dev									
Avg Within Lab SD		0.00		0.002			0.00		
Labs Included		0		2			0		
Labs Reporting		0		2			0		



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CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW1901			SRW1902			SRW1903		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4728L3	2.91	2.93	2.54	1.22	3.18	0.58	0.09	0.61	0.69
74PA6Q	2.17	0.04	0.00	0.90	0.43	0.00	0.11	1.10	1.49
7QMJNR	2.21	0.18	0.00	0.89	0.31	0.00	0.05	-0.19	0.00
838KG4	2.17	0.05	0.16	0.84	-0.13	1.38	0.01	-0.79	
CBNPHQ	2.03	-0.50	0.92	0.74	-0.97	2.54	0.15	1.81	2.81
DH3XBF	0.12	-7.96X	1.22	2.05	10.20X	6.30			
JDRQHP	2.19	0.10	0.38	0.91	0.54	1.54	0.08	0.54	0.31
JT62BH	2.15	-0.05	0.28	0.85	0.00	0.50	0.01	-0.86	0.00
NJF9G9	1.49	-2.63	0.10	0.77	-0.66	0.26			
QPG6ED	1.84	-1.24	2.27	0.75	-0.88	0.85	0.07	0.28	0.00
QWEUW3	2.16	0.00	0.03	0.85	0.01	0.09	0.01	-0.82	0.09
Y73BCW	2.25	0.37	0.37	0.87	0.19	0.26	0.05	-0.18	0.26
YKZMHF	1.99	-0.68	0.28	0.78	-0.60	0.50	0.02	-0.73	0.31
ZQ2WP9	2.16	0.00	0.18	0.75	-0.88	0.77	0.06	0.18	0.39

CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

	SRW1901	SRW1902	SRW1903
Grand Median	2.16	0.85	0.055
Median Abs Dev	0.05	0.06	0.035
Avg Within Lab SD	0.05	0.02	0.019
Labs Included	13	13	12
Labs Reporting	14	14	12



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

WebCode	SRW1901			SRW1902			SRW1903		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4728L3	0.112	1.269	0.357						
74PA6Q	0.581	16.822X	37.290	0.029	1.348	0.738	0.233	16.319X	23.950
7QMJNR	0.071	-0.077	0.000				0.007	-0.186	0.000
838KG4	0.056	-0.570	0.236						
CBNPHQ	0.125	1.711	1.875	0.040	1.997		0.040	2.222	
DH3XBF	0.079	0.195	0.833	0.006	0.000				
JDRQHP	0.067	-0.221	0.510	0.002	-0.230		0.004	-0.405	
JT62BH	0.073	0.000	0.510	0.020	0.825	0.000	0.010	0.033	0.000
NJF9G9	0.082	0.289	2.755	-0.002	-0.472X	27.316	0.007	-0.217	2.824
QPG6ED	0.172	3.253	0.161				0.054	3.252	0.002
QWEUW3	0.073	0.004	0.031				0.009	-0.033	0.037
Y73BCW	0.054	-0.639	0.073	0.002	-0.252	0.542	0.007	-0.210	0.029
YKZMHF	0.067	-0.221	0.510				0.010	0.033	0.000
ZQ2WP9	0.064	-0.320	0.453	0.005	-0.070	1.778	0.012	0.154	0.146

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

	SRW1901	SRW1902	SRW1903
Grand Median	0.073	0.006	0.010
Median Abs Dev	0.009	0.004	0.003
Avg Within Lab SD	0.011	0.001	0.014
Labs Included	13	7	10
Labs Reporting	14	8	11



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SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW1901			SRW1902			SRW1903		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
29V4C6	20.79	-5.89X	0.03	0.53	-4.28X	0.01	0.20	-11.20X	0.05
4728L3	30.33	-1.66	0.17	0.98	0.01	0.14	0.41	-0.26	0.83
7QMJNR	32.24	-0.82	0.07	0.88	-0.89	0.08	0.36	-2.82	0.30
838KG4	34.08	0.00	0.42	1.00	0.25	0.42	0.41	-0.27	0.65
CBNPHQ	29.82	-1.89	3.07	0.75	-2.19	3.04	0.42	0.35	2.57
JDRQHP	35.30	0.54	0.31	0.97	-0.10	0.80	0.40	-0.52	0.49
JT62BH	34.11	0.01	0.26	0.98	0.00	0.21	0.41	0.00	0.49
NJF9G9	36.77	1.19	0.65	1.01	0.34	0.58	0.44	1.29	0.86
QPG6ED	34.34	0.12	0.14	0.85	-1.22	0.51	0.41	0.02	0.54
Y73BCW	33.70	-0.16	0.02	1.07	0.89	0.54	0.42	0.28	0.59
YKZMHF	35.57	0.66	0.38	0.87	-1.03	0.00	0.39	-1.39	0.49
ZQ2WP9	33.27	-0.36	0.79	1.03	0.51	0.14	0.42	0.23	1.04

SO4 (SubTestCode 315) in the Anions Property Groups

Data units: mmolc/L

	SRW1901	SRW1902	SRW1903
Grand Median	34.1	0.98	0.41
Median Abs Dev	1.2	0.05	0.01
Avg Within Lab SD	1.8	0.07	0.01
Labs Included	11	11	11
Labs Reporting	12	12	12



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Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW1901			SRW1902			SRW1903			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4728L3	34.28	-1.44	0.37	4.68	-0.41	0.30	1.48	-0.79	0.23	
7QMJNR	35.61	-0.85	0.21	4.79	0.00	0.06	1.56	0.00	0.04	
838KG4	37.54	0.00	1.27	5.32	1.93	2.10	1.66	1.01	0.23	
JDRQHP	39.15	0.71	0.86	4.95	0.57	0.69	1.49	-0.77	2.10	
JT62BH	37.35	-0.09	0.73	4.72	-0.25	0.20	1.52	-0.46	0.12	
NJF9G9	40.02	1.10	1.66	4.98	0.69	1.40	1.67	1.15	1.57	
QPG6ED	15.11	-9.94X	31.49	15.26	37.84X	201.87	15.20	140.56X	213.54	
Y73BCW	37.15	-0.17X	0.08	5.47	2.46X	0.07	1.74	1.88X	0.27	
YKZMHF	38.73	0.53	1.09	4.55	-0.87	0.10	1.61	0.54	0.06	

Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
	SRW1901			SRW1902			SRW1903			
Grand Median	37.5			4.79			1.56			
Median Abs Dev	1.6			0.16			0.07			
Avg Within Lab SD	0.6			0.10			0.09			
Labs Included	7			7			7			
Labs Reporting	9			9			9			



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Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
WebCode	SRW1901			SRW1902			SRW1903			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4728L3	-4.91	-1.29	0.55	0.75	1.36	1.26	0.44	2.24	0.64	
7QMJNR	-0.37	0.48	0.38	-0.13	-0.66	0.11	-0.18	-1.21	0.08	
838KG4	-2.76	-0.45	1.04	-0.06	-0.50	1.50	-0.04	-0.45	0.10	
JT62BH	0.36	0.77	1.91	0.43	0.62	0.29	0.03	-0.05	0.38	
NJF9G9	-3.15	-0.60	0.91	0.36	0.45	1.41	0.05	0.05	2.32	
Y73BCW	-0.47	0.45	0.14	-0.04	-0.45	0.24	0.05	0.06	0.21	

Cation-Anion Difference (SubTestCode 317) in the Difference Calculation Property Groups										Data units:
	SRW1901			SRW1902			SRW1903			
	Grand Median	-1.612			0.16			0.038		
Median Abs Dev	1.388			0.24			0.046			
Avg Within Lab SD	0.448			0.15			0.052			
Labs Included	6			6			6			
Labs Reporting	6			6			6			



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Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

WebCode	SRW1901			SRW1902			SRW1903		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4728L3	0.03	-2.09	0.27	0.05	-2.34	0.79			
7QMJNR	0.10	0.03	0.22	0.11	-0.10	0.36	0.01	-0.02	0.65
838KG4	0.07	-0.72	0.03	0.09	-0.63	0.29			
DH3XBF	0.18	2.54	3.33	0.25	5.50X	5.35	0.12	3.42	
JDRQHP	0.10	0.08	0.27	0.13	0.98	0.79	0.00	-0.24	0.65
JT62BH	0.08	-0.33	0.27	0.11	-0.04	0.79			
NJF9G9	0.10	0.18	0.30	0.12	0.58	0.65			
QPG6ED	0.12	0.95	0.48	0.15	1.46	1.87			
QWEUW3	0.10	0.27	0.03	0.12	0.40	0.36			
Y73BCW	0.07	-0.68	0.02	0.10	-0.46	0.55	0.00	-0.30	0.23
YKZMHF	0.09	-0.19	0.36	0.11	0.00	1.48	0.01	0.05	0.58
ZQ2WP9	0.09	-0.03	0.42	0.12	0.43	1.54	0.01	0.02	1.94

Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

	SRW1901	SRW1902	SRW1903
Grand Median	0.09	0.11	0.011
Median Abs Dev	0.01	0.01	0.005
Avg Within Lab SD	0.02	0.01	0.003
Labs Included	12	11	6
Labs Reporting	12	12	6



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

WebCode	SRW1901			SRW1902			SRW1903		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
29V4C6	0.053		1.399	0.150		1.677	0.110		0.000
QWEUW3				0.016		0.097			
Y73BCW	0.010		0.206	0.021		0.422	0.010		1.414

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

	SRW1901	SRW1902	SRW1903
Grand Median	0.032	0.021	0.060
Median Abs Dev			
Avg Within Lab SD	0.004	0.006	0.001
Labs Included	2	3	2
Labs Reporting	2	3	2



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

Data units: mg/L

WebCode	SRW1901			SRW1902			SRW1903		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7QMJNR	0.004		1.000	0.011		1.000	0.001		1.000

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

Data units: mg/L

	SRW1901	SRW1902	SRW1903
Grand Median	0.004	0.011	0.001
Median Abs Dev			
Avg Within Lab SD	0.001	0.001	0.000
Labs Included	1	1	1
Labs Reporting	1	1	1



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