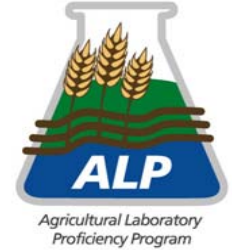


ALP Program

Participant Web Summary Report



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

ALP Program - Summer 2023 Round Overview

The Agriculture Laboratory Proficiency (ALP) Program Summer 2023 (Cycle 51) was completed in September 2023, with participation by 108 labs from the United States, Canada, Guatemala, Colombia, Ukraine, Portugal, Italy, Pakistan, South Africa and the Philippines. Proficiency samples consisted of five soils, four botanical and three water samples. Analytical methods evaluated are based on those published by AOAC, four regional soil work groups, the Soil Plant Analysis Council and Forestry Canada.



Standard Reference Soils (SRS), materials for the soils program were: SRS2306 a Mainly Orthic sandy loam collected from Saskatchewan, CANADA; SRS2307 a Mayodan sandy loam collected from Chesterfield Cty, VA; SRS2308 a Gilford fine sandy loam collected from Cass Cty, IN; SRS2309 a Hayden-Stordem loam collected from Boone Cty, IA; and SRS2310 a Ipano-Ticell loam collected from Cascade Cty, MT. Standard Reference Botanical (SRB) materials were: SRB2305 artichoke leaf composite from CA; SRB2306 kale leaf composite from CA; SRB2307 corn stalk composite from CT; and SRB2308 potato petiole composite from WA. Standard Reference Water (SRW) solutions represent agriculture water samples collected from: SRW2304 a domestic well source in CO, SRW2305 a source in SD, and SRW2306 a domestic well source in AL.

Laboratory Results were compiled and analyzed for each interlaboratory material and property. All analyses in the ALP Program are based on consensus and comparative statistics. Although the analysis techniques chosen to provide a robust evaluation, small group statistics are less reliable than large group statistics. No comparative results are provided for analyses with fewer than 5 reported results.

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Discussion of Statistics in ALP Reports

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

Laboratory Statistics:

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

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

Consensus Statistics:

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

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

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

continued on the following page



Discussion of Statistics in ALP Reports

Performance Statistics:

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

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

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

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

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

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

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



Key to Data Tables

Laboratory Results

Sample Mean	arithmetic mean of the three determinations for the sample-property
Z Score	difference divided by the product of the M.A.D. and 1.48 (rounded). Results outside the 95% confidence range are flagged by "X"
k Score	laboratory standard deviation divided by the Within Lab Average STD No flags are assigned for these values and are provided for laboratory information only.

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.



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups															Data units: Percent		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3KGDY4	28.5	0.06	2.59	36.2	1.29	0.25	41.9	0.25	0.20	35.3	0.34	0.78	44.5	1.03	0.61		
68GNWK	26.0	-0.60		32.4	0.24		39.6	-0.25		33.8	-0.20		42.3	0.62			
6MPCRD	28.7	0.11	0.09	31.5	0.00	0.10	40.8	0.01	0.04	34.9	0.20	0.43	37.6	-0.26	0.23		
8NXGPG	23.6	-1.21	0.32	28.3	-0.90	0.12	36.4	-0.93	0.00	30.3	-1.42	0.24	38.3	-0.13	0.21		
92MQVM	25.6	-0.71	0.99	30.2	-0.38	1.45	36.5	-0.92	0.36	30.6	-1.30	0.40	35.6	-0.64	0.65		
ALNZEG	27.0	-0.34	0.08	34.8	0.89	0.18	40.7	-0.01	0.10	34.4	0.00	0.12	43.2	0.79	0.00		
CCDLLD	30.3	0.52	0.46	32.7	0.31	0.68	43.7	0.62	0.21	35.7	0.45	0.46	40.7	0.31	0.41		
DDYJV9	34.3	1.54	1.96	34.6	0.83	0.90	40.3	-0.10	0.15	34.9	0.17	0.12	37.3	-0.32	0.22		
E46ZAR	27.3	-0.25	0.46	31.0	-0.15		42.0	0.27	0.36	33.7	-0.24	0.46	37.7	-0.25	0.41		
EAUDBF	29.3	0.24	0.79	36.9	1.47	2.55	44.5	0.80	3.66	32.2	-0.76	0.37	38.8	-0.04	0.88		
GWY4EK	35.7	1.89	0.77	42.9	3.13X	1.03	47.8	1.51	1.71	38.7	1.52	3.15	46.4	1.38	3.59		
HKNTNA	33.3	1.29	0.51	36.7	1.43	0.15	51.9	2.40	0.11	42.1	2.71X	0.52	50.1	2.08	0.65		
MTE6MJ	26.3	-0.52	0.44	31.2	-0.10	0.33	43.0	0.49	0.11	34.5	0.05	0.33	43.9	0.92	0.23		
P8PRPC	25.8	-0.65	0.24	26.8	-1.31	0.08	33.0	-1.66	0.67	30.1	-1.50	0.11	32.6	-1.20	1.12		
R79AKX	28.1	-0.06	0.21	34.2	0.74	0.27	40.0	-0.17	0.09	34.4	0.02	0.12	44.0	0.94	0.04		
RD8A3R	29.1	0.21	1.38	30.2	-0.36	2.09	41.6	0.17	0.85	34.5	0.03	2.02	38.7	-0.06	0.59		
RRBFGW	27.0	-0.34	0.80	29.0	-0.70		39.3	-0.30	0.21	31.7	-0.94	0.46	38.0	-0.19	0.70		
RW436X	32.8	1.15		28.9	-0.73		37.9	-0.61		30.2	-1.46		33.8	-0.98			
VKDDPAW	25.0	-0.85		30.8	-0.21	0.00	38.3	-0.53	0.00	31.7	-0.93	0.00	39.2	0.04	0.00		
W8RMDQ	32.0	0.95	0.80	34.3	0.77	0.68	47.7	1.48	0.21	38.0	1.27		46.0	1.31	0.70		



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Saturated Paste Moisture (SubTestCode 101) in the Salinity Property Groups						Data units: Percent
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	28.3	31.5	40.8	34.4	39.0	
Median Abs Dev	2.2	2.6	2.4	1.3	3.4	
Avg Within Lab SD	1.2	0.8	2.8	1.2	1.4	
Labs Included	20	19	20	19	20	
Labs Reporting	20	20	20	20	20	



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pH - sp (SubTestCode 102) in the Salinity Property Groups																Data units: Unit		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310					
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score			
3KGDX4	7.40	0.04	0.64	4.88	0.06	0.22	5.10	0.30	0.71	6.26	0.19	0.51	7.43	0.40	1.05			
4RCUPL	7.34	-0.29	0.16	4.77	-0.95	0.05	4.99	-0.24	0.03	6.14	-0.58	0.66	7.33	-0.10	0.06			
68GNWK	7.29	-0.54		4.88	0.09		5.06	0.10		6.16	-0.45		7.26	-0.44				
8JKTWX	6.58	-4.31 X		5.68	7.61 X		5.81	3.56		6.81	3.57		7.25	-0.49				
8NXGPG	7.45	0.29	0.11	4.78	-0.85	0.14	4.87	-0.79	1.43	6.10	-0.83	0.49	7.31	-0.20	0.09			
92MQVM	7.05	-1.80	2.85	4.92	0.50	1.34	5.04	0.01	1.06	5.99	-1.53	0.75	6.91	-2.20	1.29			
ALNZEG	7.39	-0.01	0.18	4.87	0.00	0.29	5.23	0.88	0.25	6.27	0.21	0.62	7.35	0.00	0.24			
AMCA8A	7.47	0.40	0.28	4.83	-0.34	0.60	5.04	-0.01	0.47	6.25	0.08	1.36	7.40	0.25	0.45			
CCDLLD	7.39	0.01	0.56	4.64	-2.19	0.58	4.95	-0.41	0.33	6.15	-0.54	0.75	7.38	0.17	0.32			
DBU4VD	7.52	0.68	0.18	4.83	-0.34	0.30	5.00	-0.18	0.33	6.20	-0.23	0.71	7.47	0.64	0.18			
DDYJV9	7.55	0.86	0.77	4.90	0.31	0.17	5.22	0.85	0.07	6.36	0.76	0.14	7.52	0.89	0.24			
E46ZAR	7.38	-0.08	1.01	4.92	0.50	3.01	5.30	1.22	1.91	6.18	-0.35	1.58	7.17	-0.87	1.46			
EAUDBF	7.23	-0.84	2.76	4.94	0.63	1.73	5.07	0.16	3.13	6.21	-0.12	1.91	7.17	-0.91	1.14			
GWY4EK	7.60	1.11	0.00	4.87	-0.03	0.83	5.03	-0.02	0.72	6.23	0.00	1.42	7.53	0.94	0.91			
HKNTNA	7.56	0.91	0.38	4.87	0.00	0.38	5.19	0.68	0.38	6.36	0.78	0.65	7.54	0.99	0.40			
LCEV78	7.28	-0.61	1.39	4.87	0.00	0.88	5.03	-0.02	0.36	6.23	0.00	1.56	7.12	-1.12	1.73			
LP4UWA	7.50	0.56	0.28	4.79	-0.78	0.22	4.98	-0.25	0.26	6.22	-0.10	0.51	7.55	1.04	0.24			
MTE6MJ	7.33	-0.33	0.18	4.93	0.56	0.14	5.20	0.76	0.31	6.31	0.50	0.38	7.46	0.57	0.27			
P8PRPC	7.26	-0.70	0.92	3.89	-9.20 X	0.72	3.77	-5.85 X	0.50	5.34	-5.53 X	0.98	7.21	-0.69	0.16			
R79AKX	7.44	0.26	0.18	4.94	0.63	0.22	5.26	1.01	0.38	6.31	0.50	0.93	7.39	0.20	0.24			
RD8A3R	7.44	0.26	0.55	4.74	-1.22	1.96	4.85	-0.85	1.00	6.24	0.02	0.62	7.44	0.47	3.15			
RRBFGW	7.18	-1.11	0.38	4.53	-3.19	0.29	4.67	-1.71	0.31	6.15	-0.50	0.62	7.34	-0.03	0.42			
RW436X	6.80	-3.14 X		4.10	-7.23 X		4.80	-1.10		7.90	10.31 X		7.20	-0.74				
VKDPAW	7.65	1.34	0.13	5.03	1.46	0.10	5.18	0.65	0.00	6.34	0.66	0.35	7.50	0.77	0.22			
W8RMDQ	7.18	-1.11	0.38	4.89	0.19	0.72	4.95	-0.41	1.09	5.74	-3.03	1.73	6.58	-3.86 X	1.66			
YJDJP9	7.00	-2.08		7.00	20.00 X		7.00	9.05 X		7.00	4.74 X		7.00	-1.75				



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pH - sp (SubTestCode 102) in the Salinity Property Groups						Data units: Unit
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	7.39	4.87	5.04	6.23	7.35	
Median Abs Dev	0.11	0.05	0.11	0.08	0.13	
Avg Within Lab SD	0.05	0.07	0.08	0.04	0.06	
Labs Included	24	22	24	23	25	
Labs Reporting	26	26	26	26	26	



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ECe - sp (SubTestCode 103) in the Salinity Property Groups															Data units: dS/m		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3KGDY4	2.25	-0.52	1.55	0.39	-0.80	2.08	2.05	-0.20	0.42	2.38	-0.43	0.24	4.47	-0.63	1.96		
4RCUPL	2.51	-0.04	0.02	0.46	-0.22	0.10	1.91	-0.45	0.10	2.68	0.12	0.06	4.68	-0.44	0.22		
68GNWK	3.21	1.24		0.63	1.08		2.66	0.91		3.15	0.95		5.83	0.59			
6MPCRD	2.75	0.40	1.58	0.52	0.24	0.10	2.47	0.56	0.22	2.80	0.32	0.00	5.88	0.64	0.15		
8JKTWX	1.50	-1.89		0.50	0.05		1.22	-1.70		1.74	-1.56		2.89	-2.05			
8NXGPG	0.87	-3.04	0.03	0.18	-2.52	0.23	0.88	-2.33	0.06	0.99	-2.90	0.09	1.69	-3.13	1.23		
92MQVM	2.99	0.83	0.81	0.52	0.23	1.64	2.45	0.53	0.20	2.89	0.48	0.16	5.69	0.47	1.80		
ALNZEG	2.94	0.74	0.06	0.46	-0.28	0.07	2.42	0.48	0.06	2.82	0.36	0.09	5.39	0.20	0.08		
AMCA8A	2.68	0.27	0.59	0.51	0.12	1.89	2.22	0.11	0.56	2.65	0.06	1.72	4.50	-0.60	0.48		
CCDLLD	2.54	0.02	0.39	0.57	0.60	0.45	2.30	0.26	0.07	2.63	0.01	0.46	5.17	0.00	0.26		
DBU4VD	2.23	-0.55	0.74	0.47	-0.14	0.47	2.09	-0.13	0.06	2.55	-0.13	0.36	4.79	-0.34	0.12		
DDYJV9	2.27	-0.49	1.32	0.49	-0.05	0.18	2.29	0.25	0.72	2.58	-0.07	0.30	5.43	0.23	0.27		
E46ZAR	2.55	0.03	0.58	0.45	-0.31	0.19	1.72	-0.80	0.47	2.53	-0.16	0.19	5.39	0.20	0.14		
EAUDBF	1.77	-1.39	2.28	0.45	-0.31	1.35	1.57	-1.07	4.25	1.45	-2.09	3.13	3.78	-1.25	2.76		
GWY4EK	2.17	-0.67	0.52	0.44	-0.39	0.19	2.03	-0.22	0.95	2.49	-0.23	2.16	4.57	-0.54	2.31		
HKNTNA	2.39	-0.25	0.25	0.51	0.12	0.07	2.01	-0.26	0.07	2.46	-0.28	0.75	4.82	-0.31	0.16		
LCEV78	2.93	0.73	0.61	0.60	0.90	0.38	2.57	0.74	0.95	3.13	0.92	0.53	5.77	0.54	0.30		
LP4UWA	2.95	0.75	1.05	0.48	-0.11	1.12	2.43	0.50	0.16	2.89	0.49	1.08	5.61	0.39	0.46		
MTE6MJ	2.48	-0.09	0.91	0.40	-0.77	0.19	2.01	-0.27	0.07	2.39	-0.41	0.14	4.94	-0.21	0.19		
P8PRPC	3.58	1.90	0.61	0.69	1.57	0.11	3.13	1.76	0.75	3.91	2.31	0.50	7.13	1.76	0.20		
R79AKX	2.56	0.04	0.91	0.37	-0.97	1.11	2.12	-0.07	0.74	2.61	-0.01	1.16	5.30	0.12	0.29		
RD8A3R	2.70	0.31	1.81	0.54	0.41	2.63	2.41	0.46	0.70	2.87	0.45	1.02	5.35	0.16	0.45		
RRBFGW	2.55	0.04	1.27	0.70	1.66	0.50	2.29	0.24	0.35	2.78	0.28	0.23	5.17	0.00	0.35		
RW436X	2.50	-0.06		0.80	2.50		2.60	0.81		3.20	1.04		6.40	1.11			
VKDPAW	1.86	-1.23	0.60	0.42	-0.58	0.00	1.61	-1.00	0.13	1.84	-1.39	0.52	3.58	-1.43	0.40		
W8RMDQ	2.52	-0.02	0.22	0.56	0.58	0.38	2.16	0.00	0.13	2.57	-0.08	0.14	4.98	-0.17	0.08		



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ECe - sp (SubTestCode 103) in the Salinity Property Groups														Data units: dS/m		
SRS2306				SRS2307			SRS2308			SRS2309			SRS2310			
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	
YJDJP9	1.00	-2.80 X		1.00	4.12 X		1.00	-2.10		1.00	-2.89 X		1.00	-3.75 X		

ECe - sp (SubTestCode 103) in the Salinity Property Groups						Data units: dS/m			
SRS2306		SRS2307		SRS2308		SRS2309		SRS2310	
Grand Median	2.53	0.49	2.16	2.62	5.17				
Median Abs Dev	0.28	0.05	0.26	0.22	0.51				
Avg Within Lab SD	0.09	0.03	0.16	0.11	0.19				
Labs Included	26	26	27	26	26				
Labs Reporting	27	27	27	27	27				



ALP Program - Participant Web Summary Report - Cycle 51 - Summer 2023

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
6MPCRD	1.60	0.73	0.36	0.34	-0.21	0.91	1.11	0.49	0.13	0.96	0.80	1.44	1.50	1.15	1.81
8JKTWX	0.80	-0.67		0.58	0.90		0.68	-0.39		0.84	0.48		1.00	-0.19	
DDYJV9	1.42	0.42	1.58	0.34	-0.22	0.26	0.94	0.14	0.07	0.66	0.00	0.13	1.07	0.00	0.44
E46ZAR	2.13	1.66	2.23	0.53	0.67	2.44	0.87	0.00	0.66	1.20	1.42	0.00	1.33	0.70	1.56
EAUDBF	2.03	1.48	0.54	0.69	1.38	1.18	1.37	1.01	2.89	1.13	1.23	1.50	1.67	1.62	1.55
GWY4EK	1.07	-0.19	0.93	0.29	-0.46	0.22	0.42	-0.92	0.27	0.42	-0.64	2.02	1.10	0.07	0.65
HKNTNA	1.36	0.31	0.26	0.26	-0.61	0.17	0.70	-0.35	0.06	0.69	0.08	0.57	1.06	-0.03	0.07
LCEV78	1.00	-0.31	0.35	0.43	0.21	0.06	1.41	1.11	0.15	0.36	-0.81	0.32	1.24	0.45	0.07
P8PRPC	0.50	-1.18	0.12	0.23	-0.70	0.17	0.40	-0.96	0.11	0.22	-1.18	0.19	0.47	-1.64	0.09
RRBFGW	0.91	-0.46	0.11	0.68	1.36	0.81	0.83	-0.08	0.30	0.46	-0.53	0.37	0.77	-0.83	0.49
VKDDPAW	1.18	0.00		1.13	3.42X		1.84	1.98		0.57	-0.25		0.80	-0.74	

HCO3 -sp (SubTestCode 104) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	1.18			0.39			0.87			0.66			1.07		
Median Abs Dev	0.27			0.14			0.24			0.24			0.26		
Avg Within Lab SD	0.10			0.09			0.17			0.05			0.15		
Labs Included	11			10			11			11			11		
Labs Reporting	11			11			11			11			11		



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K - sp (SubTestCode 105) in the Salinity Property Groups

Data units: mmolc/L

WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3KGDY4	0.74	-0.40	1.81	0.40	-0.58	2.61	0.71	-0.30	0.51	0.57	0.09	0.13	1.25	0.13	2.00
4RCUPL	0.80	0.00	0.35	0.45	-0.02	0.26	0.67	-0.58	0.49	0.51	-0.60	0.02	0.97	-0.99	0.19
68GNW2	0.94	0.83		0.60	1.38		0.81	0.48		0.65	0.94		1.39	0.67	
68GNWK	0.91	0.65		0.61	1.47		0.82	0.55					1.29	0.27	
6MPCRD	1.07	1.62	0.44	0.58	1.23	0.08	0.87	0.95	0.00	0.63	0.70	0.01	1.35	0.52	0.11
8JKTWX	0.42	-2.34		0.37	-0.82		0.37	-2.79		0.37	-2.19		0.60	-2.44	
92MQVM	0.79	-0.06	2.89	0.46	0.00	1.38	0.70	-0.37	2.18	0.54	-0.26	0.58	1.20	-0.09	0.68
ALNZE2	0.88	0.49	0.25	0.44	-0.13	0.32	0.77	0.15	0.27	0.57	0.00	0.04	1.23	0.04	0.45
ALNZEG	0.84	0.20	0.33	0.43	-0.22	0.43	0.74	-0.07	0.13	0.55	-0.23	0.04	1.15	-0.26	0.64
AMCA8A	0.78	-0.12	1.08	0.43	-0.26	1.96	0.74	-0.07	0.58	0.55	-0.15	0.30	1.11	-0.42	2.91
CCDLLD	0.78	-0.16	0.25	0.54	0.79	0.08	0.75	0.00	0.06	0.53	-0.42	0.06	1.17	-0.21	0.17
E46ZAR	0.85	0.26	0.33	0.42	-0.32	0.70	0.65	-0.70	0.93	0.54	-0.26	0.26	1.39	0.65	0.76
EAUDBF	0.63	-1.05	0.87	0.45	-0.03	0.70	0.58	-1.27	3.14	0.74	1.91	3.91	1.02	-0.78	0.74
GWY4EK	0.79	-0.10	1.45	0.48	0.26	0.58	0.76	0.08	0.48	0.60	0.41	0.35	1.10	-0.47	1.11
HKNTNA	0.77	-0.19	0.47	0.41	-0.42	0.32	0.76	0.08	0.58	0.53	-0.38	0.08	1.43	0.81	0.54
LCEV78	0.94	0.83	0.22	0.61	1.44	0.16	0.89	1.10	0.71	0.66	1.05	0.06	1.41	0.74	0.17
P8PRPC	0.86	0.32	0.67	0.51	0.48	0.58	0.78	0.28	0.58	0.67	1.13	0.16	1.22	0.00	0.45
R79AKX	0.94	0.83	0.79	0.49	0.35	0.58	0.79	0.30	0.35	0.59	0.30	0.22	1.39	0.65	0.49
RRBFGW	0.93	0.75	0.55	0.67	2.08	1.38	0.89	1.10	0.13	0.66	1.05	0.11	1.40	0.69	0.54
VKDPAW	0.42	-2.34	0.20	0.30	-1.48	0.13	0.40	-2.60	0.04	0.30	-3.03X	0.05	0.59	-2.46	0.06
W8RMDQ	0.70	-0.63	0.00	0.50	0.42		0.70	-0.35	0.00	0.50	-0.75		1.00	-0.86	



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K - sp (SubTestCode 105) in the Salinity Property Groups						Data units: mmolc/L
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	0.80	0.46	0.75	0.57	1.22	
Median Abs Dev	0.08	0.04	0.05	0.04	0.17	
Avg Within Lab SD	0.05	0.04	0.04	0.16	0.06	
Labs Included	21	21	21	19	21	
Labs Reporting	21	21	21	20	21	



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Ca - sp (SubTestCode 106) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3KGDY4	19.19	-0.36	1.67	2.05	-0.46	0.85	16.22	-0.01	0.21	16.71	0.00	0.26	44.90	0.09	1.82
4RCUPL	21.31	0.00	0.86	2.09	-0.39	0.13	14.76	-0.35	0.27	13.40	-0.67	0.27	32.89	-1.07	0.76
68GNW2	25.30	0.69		2.71	0.75		19.41	0.74		19.41	0.54		49.75	0.56	
68GNWK	27.90	1.14		2.90	1.10		20.20	0.92		21.00	0.86		51.40	0.72	
6MPCRD	23.36	0.36	0.50	2.34	0.07	0.32	18.70	0.57	0.41	19.38	0.53	0.27	51.12	0.69	1.65
8JKTWX	5.78	-2.67		1.10	-2.22		4.04	-2.85		5.30	-2.30		10.88	-3.20	
92MQVM	24.83	0.61	2.18	2.56	0.47	0.76	18.51	0.53	0.52	19.03	0.46	0.42	46.53	0.25	1.78
ALNZE2	23.45	0.37	0.36	2.31	0.01	0.11	16.67	0.10	0.36	17.25	0.10	0.23	44.37	0.04	0.24
ALNZEG	24.18	0.50	0.70	2.06	-0.45	0.34	17.75	0.35	0.06	18.45	0.35	0.03	46.42	0.24	0.65
AMCA8A	21.28	0.00	0.79	2.43	0.23	2.57	15.90	-0.08	0.18	16.75	0.00	0.39	36.93	-0.68	0.72
CCDLLD	19.89	-0.24	0.38	2.47	0.31	0.44	16.20	-0.01	0.12	15.70	-0.21	0.28	41.62	-0.23	0.34
DDYJV9	17.87	-0.59	0.24	2.30	-0.01	0.89	16.29	0.01	0.75	15.51	-0.25	0.33	41.30	-0.26	0.79
E46ZAR	21.07	-0.04	0.21	2.67	0.67	0.63	12.17	-0.95	0.48	15.87	-0.17	0.06	45.47	0.15	0.18
EAUDBF	14.24	-1.21	1.14	2.21	-0.17	2.76	10.73	-1.29	3.98	8.44	-1.67	0.84	34.09	-0.96	1.99
GWY4EK	15.93	-0.92	1.22	1.73	-1.06	0.37	14.47	-0.42	0.82	15.22	-0.30	0.52	35.47	-0.82	0.96
GYRY3E	185.40	28.21X	1.70	17.54	27.97X	0.20	116.60	23.43X	0.41	224.67	41.92X	0.90	1,331.00	124.61X	144.87
HKNTNA	18.58	-0.47	0.54	2.21	-0.18	0.02	14.87	-0.32	0.12	15.28	-0.29	0.26	36.16	-0.76	0.31
LCEV78	49.93	4.92X	0.84	5.38	5.65X	0.99	38.67	5.23X	1.37	40.93	4.88X	0.16	100.53	5.48X	0.49
MTE6MJ	25.00	0.64	1.69	2.48	0.33	0.47	17.65	0.33	0.77	24.33	1.53	4.13	43.57	-0.04	1.30
P8PRPC	24.86	0.61	1.11	3.18	1.60	0.36	22.23	1.40	0.18	23.05	1.27	0.20	45.68	0.17	0.12
R79AKX	26.58	0.91	0.66	1.95	-0.65	0.43	19.85	0.84	0.48	20.05	0.67	0.15	52.74	0.85	0.52
RRBFGW	21.83	0.09	1.10	3.25	1.73	0.93	18.12	0.44	0.17	19.18	0.49	0.14	45.96	0.19	0.64
VKDPAW	9.94	-1.95	0.09	1.30	-1.84	0.15	8.02	-1.92	0.00	7.88	-1.79	0.07	19.33	-2.39	0.08
W8RMDQ	18.53	-0.47	0.41	2.22	-0.16	0.57	14.47	-0.42	0.11	14.97	-0.36	0.06	38.83	-0.50	0.22



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Ca - sp (SubTestCode 106) in the Salinity Property Groups						Data units: mmolc/L
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	21.3	2.30	16.3	16.7	44.0	
Median Abs Dev	3.2	0.25	1.8	2.4	5.5	
Avg Within Lab SD	1.0	0.18	1.4	2.6	1.9	
Labs Included	22	22	22	22	22	
Labs Reporting	24	24	24	24	24	



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Mg - sp (SubTestCode 107) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3KGDY4	3.17	-0.63	1.14	0.80	-0.71	2.25	3.87	-0.26	0.51	8.07	-0.36	0.62	12.70	0.02	2.02
4RCUPL	3.28	-0.50	1.49	0.92	-0.16	0.76	3.31	-0.90	0.80	9.93	0.60	1.67	10.62	-0.87	0.13
68GNW2	4.31	0.73		1.14	0.79		4.82	0.82		10.29	0.78		14.32	0.72	
68GNWK	4.33	0.75		1.18	0.97		4.70	0.68		9.71	0.48		14.40	0.75	
6MPCRD	3.70	0.00	1.61	1.03	0.32	0.12	4.63	0.61	0.02	8.95	0.10	0.06	14.04	0.60	0.36
8JKTWX	0.97	-3.25X		0.41	-2.40X		1.01	-3.52X		2.59	-3.18X		3.12	-4.09X	
92MQVM	4.30	0.71	1.50	1.08	0.51	1.51	4.69	0.68	0.15	9.71	0.49	1.01	14.48	0.79	1.81
ALNZE2	4.40	0.84	0.61	0.93	-0.12	0.10	4.44	0.38	0.06	9.42	0.33	0.18	14.22	0.68	0.20
ALNZEG	3.86	0.20	0.66	0.86	-0.43	0.55	4.06	-0.05	0.09	8.58	-0.10	0.18	12.92	0.12	0.93
AMCA8A	3.27	-0.51	0.90	0.96	0.00	2.31	3.65	-0.52	0.38	7.76	-0.52	1.05	10.12	-1.08	0.47
CCDLLD	3.39	-0.37	0.22	1.12	0.71	0.39	4.10	0.00	0.21	8.43	-0.17	0.67	12.59	-0.02	0.54
DDYJV9	3.01	-0.82	0.05	0.99	0.13	0.83	3.99	-0.12	0.75	7.71	-0.54	0.77	12.45	-0.08	0.88
E46ZAR	3.93	0.28	0.30	0.93	-0.12	1.05	3.50	-0.68	1.11	8.27	-0.26	0.65	13.77	0.48	0.49
EAUDBF	2.36	-1.59	1.88	0.81	-0.65	0.28	2.69	-1.60	3.87	4.31	-2.29	2.23	9.07	-1.53	1.97
GWY4EK	3.12	-0.69	1.00	0.89	-0.31	0.48	4.10	0.00	0.68	8.55	-0.11	2.53	12.01	-0.27	1.55
GYRY3E	11.14	8.87X	2.03	6.60	24.84X	0.38	11.58	8.51X	0.28	12.00	1.66	0.28	11.98	-0.28	0.14
HKNTNA	3.18	-0.62	0.61	0.95	-0.06	0.20	3.63	-0.54	0.17	7.95	-0.42	0.49	10.77	-0.80	0.54
LCEV78	8.03	5.17X	0.71	2.25	5.70X	1.27	9.36	5.99X	1.57	20.60	6.08X	0.42	29.60	7.28X	0.42
MTE6MJ	4.28	0.70	1.34	1.01	0.22	0.31	4.41	0.35	0.35	9.13	0.19	0.88	12.40	-0.10	1.27
P8PRPC	4.07	0.44	0.73	1.48	2.29	0.36	5.60	1.71	0.02	11.60	1.46	0.48	14.07	0.61	0.33
R79AKX	4.35	0.78	0.70	0.79	-0.76	0.42	4.82	0.82	0.34	9.98	0.62	0.51	15.26	1.12	1.05
RRBFGW	3.77	0.08	1.03	1.51	2.41	1.28	4.58	0.54	0.43	9.62	0.44	0.31	13.36	0.31	0.82
VKDPAW	1.61	-2.49	0.08	0.50	-2.03	0.05	1.92	-2.48	0.03	3.80	-2.56	0.30	5.57	-3.04	0.10
W8RMDQ	3.33	-0.44	0.30	1.07	0.47	1.05	3.73	-0.42	0.47	8.07	-0.36	0.12	11.37	-0.55	0.12



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Mg - sp (SubTestCode 107) in the Salinity Property Groups	Data units: mmolc/L				
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310
Grand Median	3.70	0.96	4.10	8.77	12.6
Median Abs Dev	0.53	0.11	0.48	0.90	1.4
Avg Within Lab SD	0.19	0.06	0.33	0.47	0.5
Labs Included	21	21	21	22	22
Labs Reporting	24	24	24	24	24



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Na - sp (SubTestCode 108) in the Salinity Property Groups														Data units: mmolc/L		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3KGDY4	0.84	2.04	1.77	0.64	3.30	0.54	1.15	1.19	0.56	0.57	2.97	0.74	5.70	0.00	1.45	
4RCUPL	0.45	-0.72	0.43	0.24	-0.20	0.15	0.78	-0.71	0.54	0.18	-0.62	0.05	4.25	-1.21	0.34	
68GNW2	0.62	0.47		0.28	0.14		1.05	0.68		0.28	0.29		6.44	0.61		
68GNWK				0.30	0.32		1.00	0.42					6.26	0.46		
6MPCRD	0.59	0.23	0.67	0.33	0.55	0.95	1.03	0.58	0.06	0.34	0.84	0.53	6.24	0.45	0.10	
8JKTWX	0.35	-1.44		0.25	-0.10		0.54	-1.91		0.26	0.08		2.83	-2.39		
92MQVM	0.55	0.00	0.53	0.25	-0.12	0.56	0.92	0.00	0.33	0.24	-0.05	0.09	6.00	0.25	2.06	
ALNZE2	0.61	0.38	0.10	0.26	0.00	0.16	0.93	0.07	0.26	0.24	-0.11	0.09	6.04	0.28	0.44	
ALNZEG	0.56	0.02	0.25	0.26	-0.06	0.16	0.88	-0.17	0.15	0.23	-0.17	0.00	5.77	0.05	0.80	
AMCA8A	0.56	0.07	1.24	0.27	0.09	0.65	0.87	-0.24	0.53	0.25	-0.02	0.34	4.69	-0.84	0.28	
CCDLLD	0.48	-0.49	0.18	0.29	0.26	0.71	0.89	-0.14	0.46	0.24	-0.08	0.09	5.37	-0.28	0.26	
DDYJV9	0.66	0.78	2.14	0.26	-0.06	0.12	1.02	0.53	1.74	0.38	1.24	1.24	5.58	-0.10	1.60	
E46ZAR	0.53	-0.14	0.95	0.27	0.03	1.62	0.77	-0.76	0.76	0.23	-0.14	0.85	4.83	-0.73	0.57	
EAUDBF	0.39	-1.18	1.16	0.19	-0.64	0.49	0.61	-1.56	2.95	0.20	-0.44	0.51	3.87	-1.53	1.64	
GWY4EK	0.43	-0.85	0.95	0.23	-0.26	1.62	0.83	-0.42	0.76	0.27	0.17	0.85	4.57	-0.95	0.57	
GYRY3E	22.91	157.77X	1.85	17.53	150.03X	0.86	41.53	207.09X	6.50	18.10	162.77X	11.44	168.17	135.49X	3.18	
HKNTNA	0.49	-0.47	0.13	0.21	-0.45	0.92	0.86	-0.31	0.18	0.22	-0.26	0.16	5.81	0.09	0.81	
LCEV78	0.53	-0.16	0.17	0.25	-0.14	0.16	0.97	0.25	0.55	0.22	-0.23	0.09	6.29	0.49	0.30	
MTE6MJ	0.39	-1.18	1.69	0.27	0.03	1.62	0.90	-0.10	0.08	0.25	0.02	0.74	5.33	-0.31	2.16	
P8PRPC	0.58	0.16	0.42	0.37	0.96	0.59	1.10	0.93	0.53	0.33	0.78	0.23	6.50	0.66	0.15	
R79AKX	0.55	0.00	0.48	0.22	-0.35	0.32	1.03	0.58	0.48	0.26	0.08	0.23	6.32	0.52	0.70	
RRBFGW	0.59	0.26	0.72	0.73	4.03	2.55	1.06	0.71	0.96	0.33	0.78	0.34	5.79	0.07	0.66	
VKDPAW	0.27	-1.99	0.02	0.17	-0.81	0.06	0.47	-2.27	0.03	0.13	-1.05	0.03	2.66	-2.54	0.05	
W8RMDQ	0.81	1.83	1.66	0.57	2.62	1.22	1.10	0.95	2.01	0.74	4.47	3.87	4.87	-0.69	0.49	



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Na - sp (SubTestCode 108) in the Salinity Property Groups	Data units: mmolc/L				
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310
Grand Median	0.55	0.26	0.92	0.25	5.70
Median Abs Dev	0.07	0.03	0.11	0.03	0.59
Avg Within Lab SD	0.06	0.04	0.08	0.07	0.27
Labs Included	22	23	23	22	23
Labs Reporting	23	24	24	23	24



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SAR - sp (SubTestCode 109) in the Salinity Property Groups															Data units: value		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3KGDY4	0.25	2.69	1.16	0.54	4.34X	1.72	0.36	1.84	0.87	0.16	2.62	1.46	1.06	-0.07	0.80		
68GNWK				0.21	0.00		0.28	-0.25					1.09	0.16			
6MPCRD	0.16	0.24	0.40	0.25	0.55	1.36	0.30	0.30	0.14	0.09	0.29	0.90	1.09	0.19	0.61		
8JKTWX	0.19	1.05		0.29	1.06		0.34	1.28		0.13	1.59		1.07	0.00			
92MQVM	0.15	0.00	0.46	0.18	-0.35	0.73	0.27	-0.50	0.57	0.06	-0.61	0.49	1.09	0.13	2.34		
ALNZEG	0.16	0.26	0.00	0.20	-0.09	0.28	0.29	0.00	0.57				1.12	0.41	0.69		
AMCA8A	0.16	0.26	0.80	0.21	0.00	0.83	0.28	-0.25	0.57	0.07	-0.39	0.00	0.97	-0.85	0.78		
CCDLLD	0.14	-0.26	0.00	0.22	0.09	0.99	0.28	-0.33	0.66	0.07	-0.39	0.00	1.03	-0.35	0.00		
DDYJV9	0.21	1.44	1.90	0.20	-0.13	0.19	0.32	0.76	1.82	0.11	1.03	1.84	1.08	0.05	2.26		
E46ZAR	0.13	-0.43	2.66	0.20	-0.13	0.00	0.30	0.25	0.00	0.10	0.61	0.00	0.90	-1.45	0.00		
EAUDBF	0.14	-0.35	0.96	0.15	-0.75	0.28	0.24	-1.34	1.44	0.08	-0.06	2.22	0.83	-2.04	1.35		
GWY4EK	0.14	-0.26	0.00	0.22	0.09	0.55	0.27	-0.42	0.66	0.08	-0.17	0.49	0.95	-1.02	0.78		
HKNTNA	0.15	-0.06	0.20	0.17	-0.54	1.23	0.28	-0.22	0.31	0.06	-0.58	0.31	1.20	1.08	0.89		
LCEV78							0.28	-0.33	0.33				1.10	0.27	0.30		
P8PRPC	0.15	-0.09	0.27	0.25	0.53	0.48	0.30	0.25	0.57	0.08	0.06	0.49	1.20	1.06	0.40		
R79AKX	0.14	-0.35	0.27	0.19	-0.26	0.48	0.29	0.08	0.33				1.08	0.10	0.40		
RRBFGW	0.16	0.35	0.27	0.47	3.42	2.66	0.31	0.59	1.32	0.09	0.17	0.97	1.06	-0.07	0.54		
VKDPAW	0.11	-0.96	0.01	0.18	-0.41	0.04	0.21	-1.97	0.06	0.05	-0.89	0.09	0.75	-2.68	0.04		
W8RMDQ	0.24	2.43	1.33	0.44	3.07	1.20	0.36	1.84	2.57	0.22	4.62X	6.57	0.97	-0.83	0.66		

SAR - sp (SubTestCode 109) in the Salinity Property Groups															Data units: value		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310				
Grand Median	0.15			0.21			0.29			0.082			1.07				
Median Abs Dev	0.01			0.03			0.01			0.014			0.04				
Avg Within Lab SD	0.02			0.02			0.02			0.012			0.04				
Labs Included	17			17			19			14			19				
Labs Reporting	17			18			19			15			19				



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CI - sp (SubTestCode 110) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3KGDY4	0.28	-0.47	0.36	0.33	-0.55	0.20	0.87	-0.46	0.32	0.95	-0.08	0.11	17.18	-0.73	1.07
4RCUPL	0.15	-1.13	0.16	0.32	-0.58	0.16	1.10	0.36	0.50	0.96	-0.02	0.11	18.08	-0.56	0.26
68GNWK				0.73	1.49		1.24	0.83		1.24	1.41		23.50	0.49	
6MPCRD	0.37	-0.01	0.63	0.44	0.02	0.20	1.10	0.35	0.12	0.98	0.05	0.09	22.31	0.26	0.01
8JKTWX	0.13	-1.25		0.48	0.24		0.54	-1.61		0.74	-1.17		14.55	-1.24	
92MQVM	0.47	0.49	1.27	0.47	0.16	0.19	1.11	0.39	0.35	1.07	0.53	0.13	21.92	0.18	0.61
ALNZEG	0.70	1.69	0.27				1.47	1.62	0.31	1.28	1.61	0.07	22.91	0.38	0.11
AMCA8A	0.38	0.05	0.16	0.41	-0.11	0.45	0.99	-0.03	0.00	0.94	-0.14	0.27	16.51	-0.86	0.45
CCDLLD	0.29	-0.39	0.12	0.38	-0.26	0.09	0.91	-0.31	0.12	0.93	-0.20	0.25	21.26	0.06	0.33
DDYJV9	0.22	-0.78	0.06	0.33	-0.51	0.31	0.92	-0.26	1.45	0.90	-0.36	0.15	20.69	-0.06	0.36
E46ZAR	0.41	0.20	0.63	0.53	0.50	0.57	1.19	0.65	0.99	1.21	1.25	0.16	24.03	0.59	0.24
EAUDBF	0.31	-0.33	2.74	0.63	0.97	4.08	0.37	-2.19	3.14	1.12	0.77	4.49	8.89	-2.34	4.17
FKRBF8	0.35	-0.12	0.20	0.63	1.00	0.38	1.13	0.45	0.57	1.12	0.77	0.03	22.11	0.22	0.30
GWY4EK	0.50	0.65	1.13	0.35	-0.41	0.25	0.78	-0.75	0.70	0.87	-0.51	0.14	15.67	-1.03	0.55
HKNTNA	0.37	0.01	0.04	0.43	0.00	0.01	0.85	-0.53	0.33	0.86	-0.57	0.12	18.14	-0.55	0.25
LCEV78	0.29	-0.41		0.35	-0.43	0.08	0.93	-0.24	0.68	0.95	-0.09	0.04	24.90	0.76	0.12
MTE6MJ	0.23	-0.72	0.16	0.32	-0.58	0.08	0.86	-0.47	0.19	0.87	-0.50	0.04	19.83	-0.22	0.06
P8PRPC	0.77	2.04	2.40	1.05	3.11	0.41	1.33	1.16	1.88	1.15	0.94	0.22	23.43	0.48	0.12
R79AKX	0.73	1.85					1.25	0.88	0.51	1.35	1.95	0.59	21.53	0.11	0.85
RD8A3R	0.50	0.65	0.67	0.38	-0.30	0.26	1.02	0.08	0.72	0.97	0.01	0.19	15.36	-1.09	0.01
RRBFGW	0.45	0.42	0.63	0.80	1.84	0.29	1.24	0.85	0.45	1.27	1.54	0.23	21.46	0.09	0.54
RW436X	1.30	4.78X		1.60	5.90X		2.00	3.47X		2.20	6.34X		29.70	1.69	
VKDDPAW	0.21	-0.83	0.22	0.28	-0.78	0.23	0.71	-1.02	0.18	0.76	-1.06	0.12	12.67	-1.61	0.03
W8RMDQ	0.43	0.32	0.91	0.50	0.33		1.00	0.00	1.23	0.97	0.00	0.25	17.97	-0.58	0.19



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Cl - sp (SubTestCode 110) in the Salinity Property Groups						Data units: mmolc/L
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	0.37	0.43	1.00	0.97	21.0	
Median Abs Dev	0.09	0.10	0.14	0.10	2.9	
Avg Within Lab SD	0.06	0.12	0.08	0.23	1.7	
Labs Included	22	21	23	23	24	
Labs Reporting	23	22	24	24	24	



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups

Data units: mmolc/L

WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3KGDY4	1.18	-0.90	1.53	1.76	-0.84	2.40	2.28	-0.98	0.56	0.86	-1.20	0.29	20.19	-1.18	1.22
68GNW2	2.19	1.17		3.02	0.76		3.87	0.95		1.55	0.69		33.94	1.02	
68GNWK	1.85	0.47		2.79	0.47		3.52	0.53		1.38	0.22		29.80	0.36	
6MPCRD	1.70	0.16	1.12	2.67	0.31	0.18	3.50	0.50	0.02	1.38	0.22	0.45	30.14	0.41	0.50
8JKTWX	0.45	-2.40		0.60	-2.32		0.82	-2.75		0.47	-2.28		6.01	-3.46	
92MQVM	2.05	0.88	1.79	2.56	0.17	0.22	3.62	0.64	0.32	1.69	1.08	1.59	27.13	-0.07	0.31
AMCA8A	1.75	0.27	0.06	1.80	-0.79	2.01	2.83	-0.31	0.52	1.30	0.01	1.02	21.62	-0.95	0.21
CCDLLD	1.27	-0.73	0.14	1.89	-0.68	0.14	2.51	-0.70	0.21	1.03	-0.74	0.32	26.91	-0.11	0.30
DDYJV9	1.49	-0.26	1.09	2.18	-0.31	0.87	3.09	0.00	1.14	1.30	0.00	2.50	26.47	-0.18	1.45
E46ZAR	1.69	0.14	0.29	3.06	0.80	0.39	3.41	0.39	0.60	1.30	0.00	0.24	29.13	0.25	0.37
EAUDBF	1.16	-0.95	1.70	2.03	-0.49	0.55	2.38	-0.85	3.50	0.94	-0.99	0.97	29.94	0.38	1.67
FKRBF8	1.75	0.26	1.26	3.00	0.74	1.06	3.37	0.35	0.53	1.53	0.64	0.38	28.21	0.10	0.61
GWY4EK	1.10	-1.08	0.60	1.56	-1.09	0.42	2.32	-0.93	0.47	0.95	-0.95	0.84	20.25	-1.17	0.76
HKNTNA	1.55	-0.14	0.62	2.55	0.16	0.25	3.09	0.00	0.24	1.24	-0.16	0.35	28.47	0.15	0.27
LCEV78	3.60	4.06X	0.00	5.07	3.36X	1.91	7.00	4.74X	1.50	2.73	3.92X	1.35	60.00	5.20X	2.12
MTE6MJ	1.93	0.63	0.66	2.75	0.42	1.09	3.43	0.42	0.94	1.43	0.37	1.79	28.00	0.07	2.12
P8PRPC	1.76	0.29	0.88	2.69	0.33	0.13	3.42	0.40	0.53	1.32	0.05	0.18	24.13	-0.55	0.11
R79AKX	1.50	-0.26	0.64	2.30	-0.16	0.73	3.04	-0.06	0.15	1.00	-0.82		28.73	0.19	1.99
RRBFGW	1.75	0.26	1.26	3.00	0.74	1.06	3.38	0.35	0.51	1.53	0.64	0.38	28.21	0.10	0.61
VKDPAW	0.78	-1.72	0.20	1.30	-1.42	0.17	1.54	-1.87	0.04	0.58	-1.97	0.08	12.77	-2.37	0.12
W8RMDQ	1.37	-0.52	0.63	2.03	-0.49	1.26	2.67	-0.51	0.57	1.13	-0.45	0.68	25.00	-0.41	0.37



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SO4 - sp (SubTestCode 111) in the Salinity Property Groups	Data units: mmolc/L					
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	1.62	2.42	3.09	1.30		27.6
Median Abs Dev	0.24	0.46	0.42	0.24		2.3
Avg Within Lab SD	0.09	0.12	0.27	0.09		0.9
Labs Included	20	20	20	20		20
Labs Reporting	21	21	21	21		21



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NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3KGDY4	9.51	-1.50	0.40	0.13	-1.40	0.78	6.84	-1.34	0.11	11.03	-1.40	0.31	4.68	-1.68	0.37
4RCUPL	21.82	0.35	0.90	1.97	0.91	0.62	18.00	0.68	0.27	24.10	0.35	0.64	12.74	0.14	0.07
6MPCRD	23.61	0.62	0.34	0.92	-0.40	0.18	20.35	1.11	0.08	24.04	0.34	0.18	14.80	0.61	0.74
8JKTWX	9.40	-1.51		1.79	0.68		6.80	-1.34		11.46	-1.35		6.09	-1.36	
CCDLLD	22.47	0.44	0.77	1.94	0.88	0.59	17.30	0.55	0.15	23.68	0.29	1.23	15.42	0.75	0.51
EAUDBF	14.57	-0.74	2.28	0.85	-0.49	0.74	11.31	-0.53	3.12	10.62	-1.46	2.39	7.36	-1.07	2.81
GWY4EK	15.70	-0.57	0.92	1.33	0.11	0.49	14.40	0.03	0.05	17.17	-0.58	0.71	12.11	0.00	0.64
LCEV78	51.53	4.80X	0.58	4.21	3.74X	3.17	38.47	4.38X	0.86	57.67	4.85X	3.13	32.73	4.66X	0.58
R79AKX	22.51	0.45	0.43				14.19	-0.01	0.30	22.58	0.14	0.58	14.00	0.43	0.62
RRBFGW	23.72	0.63	1.30	1.88	0.80	0.79	17.68	0.62	0.22	26.39	0.66	0.56	14.92	0.64	0.52
VKDDPAW	15.47	-0.60	0.24	0.49	-0.94	0.22	7.56	-1.21	0.08	15.23	-0.84	0.30	9.05	-0.69	0.16
W8RMDQ	19.50	0.00	0.60	1.15	-0.11	2.48	14.23	0.00	0.06	21.50	0.00		11.87	-0.05	0.29

NO3 - sp (SubTestCode 112) in the Salinity Property Groups													Data units: mmolc/L		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	19.5			1.24			14.2			21.5			12.1		
Median Abs Dev	4.0			0.59			3.4			4.3			2.8		
Avg Within Lab SD	0.9			0.04			1.9			1.0			0.7		
Labs Included	11			10			11			11			11		
Labs Reporting	12			11			12			12			12		



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B - sp (SubTestCode 113) in the Salinity Property Groups															Data units: mg/L		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4RCUPL	0.112	0.42	0.59	0.103	0.37	0.44	0.177	2.04	0.88	0.071	-0.06	1.21	0.208	1.02	1.40		
68GNW2	0.380	4.59X					0.350	4.77X		0.410	4.07		0.670	7.20X			
68GNWK				0.520	5.52X												
6MPCRD	0.156	1.11	2.84	0.044	-0.36	0.11	0.044	-0.08	0.18	0.089	0.16	0.21	0.160	0.37	0.15		
8JKTWX	0.035	-0.77		0.035	-0.47		0.022	-0.41		0.039	-0.44		0.060	-0.96			
92MQVM	0.063	-0.34	0.48	0.024	-0.60	0.40	0.025	-0.37	0.37	0.069	-0.08	0.66	0.127	-0.06	0.95		
AMCA8A	0.087	0.03	1.21	0.050	-0.28	0.71	0.053	0.08	2.27	0.083	0.09	1.59	0.113	-0.25	1.51		
CCDLLD	0.125	0.62	0.44	0.091	0.23	0.04	0.110	0.97	1.55	0.127	0.63	0.48	0.215	1.11	1.95		
E46ZAR	0.210	1.95	0.42	0.320	3.05	1.87	0.210	2.56	0.71	0.250	2.12	1.04	0.287	2.07	1.14		
EAUDBF	0.074	-0.17	0.11	0.041	-0.39	0.41	0.039	-0.14	0.66	0.080	0.06	0.26	0.126	-0.08	0.65		
GWY4EK	0.057	-0.43	0.24	0.030	-0.53	0.00	0.030	-0.29	0.00	0.067	-0.11	0.60	0.100	-0.43	0.00		
LCEV78	0.057	-0.43	0.24							0.070	-0.07	0.00	0.137	0.06	0.57		
MTE6MJ	0.082	-0.03	1.17	0.090	0.21	2.48	0.040	-0.13	0.71	0.058	-0.21	2.40	0.107	-0.34	0.57		
P8PRPC	0.010	-1.16	0.00	0.130	0.70	0.00				0.010	-0.80	0.00	0.033	-1.32	0.57		
RRBFGW	0.095	0.16	0.04	0.073	0.00	0.58	0.061	0.20	0.19	0.120	0.54	0.00	0.167	0.46	0.57		
RW436X	0.200	1.80		0.200	1.57		0.100	0.82		0.600	6.38X		0.200	0.91			

B - sp (SubTestCode 113) in the Salinity Property Groups															Data units: mg/L		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310				
	Grand Median	0.085			0.073			0.048			0.076			0.13			
Median Abs Dev	0.028			0.032			0.021			0.016			0.03				
Avg Within Lab SD	0.024			0.014			0.014			0.010			0.01				
Labs Included	14			13			12			14			14				
Labs Reporting	15			14			13			15			15				



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3WQD73	0.93	1.26	0.57	0.23	0.65	1.87	0.87	1.00	2.24	1.13	1.96	0.68	2.21	0.95	0.61	
83XH3H	0.45	-1.96	0.04	0.12	-1.67	0.09	0.80	0.44	0.20	0.75	-0.52	0.04	2.01	0.31	0.23	
8NXGPG	0.63	-0.74	2.48	0.17	-0.72	1.92	0.67	-0.43	1.41	0.82	-0.06	2.03	1.74	-0.56	1.35	
AGRLJE	0.83	0.57	0.33	0.22	0.47	0.19	0.74	0.07	0.12	0.85	0.14	0.53	1.97	0.19	0.11	
AMCA8A	0.67	-0.47	2.93	0.15	-1.01	2.35	0.72	-0.07	0.52	0.73	-0.60	2.05	1.79	-0.39	1.25	
BV9RED	0.55	-1.33	0.19	0.17	-0.72	0.54	0.64	-0.64	0.26	0.70	-0.82	0.44	1.74	-0.55	0.17	
CCDLLD	0.91	1.14	0.53	0.21	0.31	0.23	0.84	0.76	1.27	0.91	0.56	0.94	1.93	0.05	0.16	
CZYKPK	0.88	0.92	0.23	0.17	-0.62	1.59	0.66	-0.54	1.09	0.83	0.04	2.71	1.67	-0.77	2.83	
D9K9XR	0.75	0.05		0.16	-0.95	0.00	0.72	-0.08	0.00	0.86	0.21	0.00	2.06	0.46	0.00	
DDYJV9	0.84	0.63	1.29	0.20	0.00	0.80	0.74	0.05	0.25	0.79	-0.21	0.09	1.86	-0.16	0.53	
EAUDBF	0.67	-0.49	1.19	0.14	-1.25	0.53	0.50	-1.68	0.87	0.57	-1.66	0.18	1.40	-1.65	0.74	
FKRBF8	0.85	0.70	0.19	0.24	0.94	1.08	1.05	2.23	0.69	1.01	1.22	0.51	2.73	2.65	1.00	
GEFCEL	0.60	-0.95	0.68	0.14	-1.37	2.35	0.80	0.45	0.69	0.76	-0.43	0.89	1.19	-2.34	0.53	
GK8G9P	0.73	-0.09	0.33	0.18	-0.43	0.00	0.62	-0.81	0.91	0.77	-0.36	0.77	1.86	-0.18	1.18	
GYRY3E	0.73	-0.08	0.32	0.22	0.49	0.14	0.87	1.01	0.11	0.89	0.41	0.18	1.79	-0.41	0.05	
H36YZ7	0.16	-3.93X	0.34	0.63	9.40X	7.05	0.77	0.29	1.35	1.69	5.62X	1.76				
L88642	0.74	0.00	0.68	0.19	-0.22	0.00	0.70	-0.26	0.26	0.82	-0.04	0.44	1.73	-0.58	0.27	
MMCX9F	0.84	0.66	0.20	0.24	0.84	0.30	0.78	0.31	0.57	0.97	0.91	0.12	2.04	0.40	0.50	
MR68A2	0.68	-0.43	0.02	0.20	0.03	0.05	0.67	-0.49	0.05	0.72	-0.69	0.03	1.99	0.24	0.01	
PWUER2	0.67	-0.47	0.40	0.48	6.17X	3.83	0.65	-0.57	0.69	0.77	-0.36	1.43	1.95	0.12	2.14	
R4M7DZ	0.97	1.51	1.89	0.20	0.00	0.00	0.77	0.24	2.62	1.00	1.13		2.00	0.28		
RRBFGW	0.85	0.70	0.19	0.27	1.44	1.42	1.05	2.25	0.45	1.04	1.37	0.26	2.73	2.65	0.87	
TFBRVZ	0.80	0.39	1.87	0.20	0.00	0.99	0.78	0.33	1.34	0.87	0.31	1.71	2.01	0.31	1.81	
TLGXFP	0.82	0.52	0.33	0.22	0.43	0.93	0.73	0.00	0.52	0.95	0.81	0.44	1.85	-0.19	0.36	
U4CD99	0.61	-0.88	0.38	0.13	-1.44	0.54	0.64	-0.64	0.94	0.63	-1.25	1.12	1.63	-0.90	1.28	
W7UULQ	0.74	0.00	0.26	0.19	-0.12	0.16	0.88	1.04	0.46	0.97	0.93	0.24	2.27	1.14	0.21	



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Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
W8RMDQ	0.87	0.88	0.19	0.21	0.14	0.54	1.00	1.90	1.57	1.03	1.31	1.12	2.21	0.97	1.28	
XA8E2X	0.64	-0.72	1.00	0.16	-0.87	0.93	0.72	-0.07	1.59	0.74	-0.59	1.11	1.89	-0.08	0.78	
Y9AN9N	0.73	-0.11	0.08	0.22	0.44	0.23	0.61	-0.89	0.05	0.90	0.45	0.20	2.03	0.38	0.05	
YC93UT	0.62	-0.81	0.75	0.14	-1.23	0.54	0.64	-0.66	0.45	0.77	-0.34	0.68	1.81	-0.33	0.76	
YUTTTR	0.86	0.78	0.05	0.23	0.75	0.14	0.63	-0.72	0.15	0.74	-0.54	0.14	1.90	-0.05	0.05	

Soil EC (1:1) (SubTestCode 114) in the Soil pH & EC Property Groups														Data units: dS/m		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	0.74			0.20			0.73			0.83			1.91			
Median Abs Dev	0.10			0.03			0.08			0.09			0.12			
Avg Within Lab SD	0.03			0.01			0.02			0.02			0.06			
Labs Included	30			29			31			30			30			
Labs Reporting	31			31			31			31			30			



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2N2H2L	0.30	-2.63	3.53	0.09	-1.70	3.47	0.19	-3.77X	4.45	0.24	-3.52	3.58	0.44	-3.34X	5.90	
2TREH6	0.46	-0.16	0.00	0.12	-0.37	0.00	0.60	0.58	0.00	0.53	-0.15	0.00	1.21	-0.80	0.00	
4W46YJ	0.37	-1.59	2.49	0.10	-1.01	0.95	0.31	-2.48	1.19	0.29	-2.96	0.59	0.72	-2.43	1.47	
64ZF9L	0.47	0.00	1.41	0.11	-0.59	1.43	0.47	-0.76	1.11	0.54	-0.10	0.26	1.28	-0.57	2.57	
68GNWK	0.49	0.22	0.14	0.13	0.18	0.19	0.60	0.53	0.73	0.57	0.31	0.25	1.66	0.68	0.27	
7JARBY	0.52	0.65	0.29	0.12	-0.13	0.95	0.50	-0.48		0.58	0.36	0.78	1.45	0.00	0.15	
7UPEMK	0.53	0.80	0.27	0.13	0.35	0.25	0.46	-0.85	0.22	0.55	0.00	0.27	1.42	-0.10	0.92	
8JH92G	0.48	0.14	0.03	0.14	0.57	0.43	0.55	0.05	1.93	0.56	0.20	0.46	1.46	0.03	0.57	
AGRLJE	0.48	0.05	0.08	0.13	0.36	0.14	0.53	-0.18	0.12	0.55	0.03	0.03	1.42	-0.11	0.27	
ALNZEG	0.46	-0.24	0.16	0.13	0.00	0.19	0.56	0.12	0.20	0.53	-0.16	0.23	1.02	-1.44	0.31	
CCDLLD	0.51	0.48	0.05	0.13	0.29	0.82	0.52	-0.31	0.56	0.55	0.08	0.31	1.41	-0.15	0.34	
DDYJV9	0.45	-0.30	0.77	0.13	0.15	0.34	0.49	-0.58	1.35	0.59	0.46	0.43	1.34	-0.38	0.82	
DXQVYF	0.36	-1.64	0.57	0.11	-0.57	0.95	0.49	-0.55	2.22	0.42	-1.43	1.84	0.95	-1.65	2.94	
EGUXBQ	0.47	-0.03	0.44	0.14	0.40	0.25	0.54	-0.05	0.39	0.53	-0.12	0.52	1.46	0.02	0.60	
FKRBF8	0.47	0.00	0.29	0.14	0.60	0.00	0.57	0.26	0.00	0.54	-0.06	0.00	1.58	0.43	1.08	
GG894F	0.46	-0.14	0.57	0.11	-0.86	0.95	0.41	-1.46	0.40	0.51	-0.44	0.30	1.13	-1.08	0.15	
HFUYQ9	0.50	0.36	0.84	0.14	0.69	2.12	0.60	0.60	0.17	0.58	0.42	0.69	1.67	0.71	0.40	
LP4UWA	0.40	-1.10	0.94	0.11	-0.85	0.31	0.50	-0.48	0.51	0.46	-0.95	1.81	1.56	0.35	0.62	
M34TK8	0.51	0.57	0.23	0.14	0.76	0.11	0.56	0.14	0.16	0.58	0.35	0.08	1.68	0.75	0.12	
MR68A2	0.45	-0.33	0.03	0.12	-0.12	0.09	0.56	0.15	0.00	0.53	-0.21	0.03	1.54	0.28	0.00	
PGDJC6	0.48	0.07	0.12	0.14	0.69	0.16	0.59	0.51	0.55	0.57	0.28	0.21	1.61	0.52	0.39	
PU3FD3	0.46	-0.25	0.30	0.11	-0.72	0.00	0.56	0.14	0.11	0.53	-0.20	0.06	1.56	0.36	0.56	
QKQRU2	0.46	-0.20	0.20	0.09	-1.79	1.53	0.31	-2.44	1.77	0.56	0.13	0.50	1.22	-0.76	0.63	
RRBFGW	0.54	1.00	1.98	0.14	0.75	0.95	0.58	0.40	0.40	0.55	0.06	0.00	1.63	0.58	1.49	
U76AX3	0.45	-0.30	0.71	0.11	-0.88	0.68	0.34	-2.14	0.56	0.50	-0.53	0.96	1.02	-1.44	0.41	
UDGKQU	0.68	3.15	0.29	0.16	1.48	0.00	0.64	1.00	1.19	0.79	2.77	1.18	1.66	0.68	1.62	



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Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2306				SRS2307			SRS2308			SRS2309			SRS2310			
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	
VKDPAW	0.97	7.44X	0.70	0.24	4.77X	1.16	0.84	3.12X	0.00	0.96	4.70X	0.36	1.79	1.11	0.38	
W8RMDQ	0.45	-0.34	0.49	0.11	-0.86	0.95	0.50	-0.44	1.73	0.51	-0.36	1.93	1.21	-0.80	0.46	
XN9DPV	0.66	2.75	0.29	0.16	1.33	0.95	0.63	0.93	1.99	0.78	2.66	0.78	1.69	0.77	1.01	
ZX9M74	0.47	0.01	0.00	0.11	-0.54	0.00	0.57	0.26	0.00	0.57	0.26	0.00	1.28	-0.57	0.00	
Soil EC (1:2) (SubTestCode 115) in the Soil pH & EC Property Groups														Data units: dS/m		
SRS2306				SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	0.47			0.13			0.55			0.55			1.45			
Median Abs Dev	0.02			0.01			0.05			0.02			0.18			
Avg Within Lab SD	0.02			0.01			0.01			0.02			0.04			
Labs Included	29			29			28			29			29			
Labs Reporting	30			30			30			30			30			



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	7.66	-0.25	0.92	5.08	0.41	1.07	5.15	0.26	1.96	6.48	0.51	0.84	7.72	0.14	0.79	
2X73BN	7.82	0.36	0.41	4.91	-0.73	1.35	4.96	-1.33	0.39	6.36	-0.32	0.34	7.75	0.31	0.14	
3B7BDN	7.51	-0.84	1.48	5.11	0.61	0.36	5.16	0.40	1.35	6.40	0.00	1.30	7.50	-1.14	1.23	
3HMK2K	7.56	-0.65	2.59	4.94	-0.55	2.80	5.12	0.03	2.06	6.34	-0.47	2.48	7.49	-1.21	2.13	
3WQD73	7.85	0.47	1.13	5.10	0.54	0.60	5.19	0.61	0.70	6.42	0.09	1.05	7.59	-0.64	0.73	
4W46YJ	7.47	-1.01	1.18	4.87	-1.04	1.37	5.00	-1.01		6.30	-0.72	0.00	7.57	-0.78	1.41	
66C3XM	6.85	-3.40	0.54	6.75	11.54X	2.02	6.94	15.81X	5.34	7.73	9.21X	2.16	6.86	-4.91X	3.84	
68GNWK	7.78	0.21	0.54	5.01	-0.10	0.73	5.13	0.09	0.70	6.37	-0.21	0.71	7.56	-0.81	0.24	
6BFYPZ	7.77	0.17	0.71	5.13	0.72	1.88	5.12	0.03	1.53	6.39	-0.09	0.80	7.73	0.19	1.10	
6MPCRD	7.80	0.28	0.00	5.13	0.74	1.37	5.20	0.72	0.00	6.50	0.67		7.80	0.58	0.00	
7JARBY	7.78	0.21	0.41	5.05	0.17	0.14	5.12	0.00	0.77	6.46	0.42	0.13	7.77	0.41	0.65	
7UPEMK	7.82	0.36	0.54	5.01	-0.10	0.49	5.00	-1.01	2.90	6.40	-0.05	0.64	7.73	0.16	0.28	
83XH3H	7.83	0.39	0.51	5.28	1.75	1.54	5.23	1.01	0.39	6.53	0.88	0.22	7.68	-0.14	0.14	
89QDAG	7.81	0.34	0.31	4.82	-1.37	0.27	5.05	-0.61	0.51	6.47	0.49	0.56	7.53	-1.01	0.51	
8J87EJ	7.28	-1.75	1.67	5.10	0.50	0.76	5.06	-0.52	0.19	6.04	-2.55	0.78	7.10	-3.51	2.32	
8NXGPG	7.93	0.79	2.38	5.11	0.57	1.58	5.11	-0.05	2.46	6.49	0.58	2.55	7.87	0.99	2.09	
AGRLJE	7.80	0.28	1.43	5.04	0.10	0.14	5.16	0.38	0.33	6.33	-0.49	0.68	7.46	-1.42	2.40	
ALNZEG	7.85	0.48	0.35	4.91	-0.77	0.55	5.03	-0.75	0.67	6.45	0.35	0.51	7.73	0.16	0.56	
AMCA8A	7.63	-0.36	1.83	5.16	0.90	1.51	5.24	1.04	2.13	6.43	0.19	1.68	7.57	-0.74	0.62	
BV9RED	7.83	0.40	0.20	5.15	0.88	0.14	5.22	0.89	0.33	6.46	0.37	0.13	7.70	0.02	0.14	
C8WDXE	7.78	0.22	0.63	5.00	-0.12	0.90	5.10	-0.17	0.51	6.51	0.74	1.39	7.77	0.39	0.99	
CCDLLD	7.35	-1.47	0.97	4.77	-1.66	1.58	4.98	-1.18	0.33	6.24	-1.14	0.80	7.43	-1.55	0.99	
CZYKPK	6.48	-4.82	3.80	5.01	-0.06	0.36	5.17	0.46	0.33	6.01	-2.71	0.71	7.70	0.02	2.22	
D9HN2C	7.83	0.39	0.12	4.95	-0.46	0.36	5.01	-0.89	0.19	6.40	0.00	0.64	7.77	0.39	0.51	
D9K9XR	7.67	-0.22	0.00	5.10	0.52	0.00	5.17	0.46	0.00	6.53	0.88	0.00	7.67	-0.17	0.00	
DDYJV9	7.82	0.35	0.12	5.00	-0.15	0.47	5.15	0.26	0.77	6.47	0.46	0.22	7.77	0.39	0.28	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
DXQVYF	7.65	-0.30	1.43	5.02	-0.01	1.26	5.33	1.82	2.15	6.37	-0.23	3.47	7.56	-0.80	1.25	
EAUDBF	7.68	-0.17	0.85	5.06	0.25	1.32	5.08	-0.29	2.23	6.52	0.79	2.48	7.62	-0.45	2.27	
EGUXBQ	7.40	-1.27	0.00	4.57	-3.05	1.37	4.80	-2.74	0.00	6.10	-2.11	0.00	7.50	-1.16		
FKRBF8	7.37	-1.37	0.63	4.77	-1.66	1.93	4.95	-1.47	0.19	6.14	-1.81	0.92	7.40	-1.73	1.23	
FLMGRE	7.77	0.17	0.20	5.03	0.05	0.24	5.19	0.63	0.33	6.46	0.37	0.34	7.68	-0.12	0.24	
GK8G9P	7.90	0.66	0.47	5.18	1.08	1.72	5.25	1.18	0.19	6.58	1.21	1.10	7.92	1.30	1.63	
GWY4EK	7.70	-0.10	0.74	4.98	-0.30	0.49	5.10	-0.12	0.19	6.39	-0.09	0.38	7.71	0.06	0.65	
GZDDC3	6.70	-3.98	0.00	5.70	4.54X	0.00	6.90	15.43X	0.00	6.73	2.30	1.28	6.60	-6.40X	0.00	
H36YZ7	5.25	-9.60X	0.51	5.30	1.86	0.24	6.45	11.54X	0.89	7.67	8.84X	1.10				
JHDB3J	7.64	-0.36	0.80	5.09	0.48	0.36	5.15	0.31	0.57	6.37	-0.21	0.44	7.73	0.17	0.15	
KMWREFX	7.69	-0.14	0.20	4.76	-1.73	0.36	5.05	-0.58	0.89	6.30	-0.72	0.22	7.67	-0.17	0.24	
KZQAM8	7.60	-0.49	0.00	4.87	-1.04	1.37	5.00	-1.01		6.27	-0.95	1.28	7.60	-0.58	0.00	
L3RWF3	7.74	0.04	1.01	4.97	-0.35	0.24	5.11	-0.06	0.89	6.43	0.21	0.56	7.74	0.21	0.62	
L88642	7.60	-0.49	0.00	5.10	0.52	0.00	5.20	0.72	0.00	6.50	0.67		7.70	0.00	0.00	
LKTJ82	7.71	-0.08	0.43	5.10	0.50	0.14	5.23	0.98	0.33	6.46	0.37	0.13	7.69	-0.04	0.14	
LP4UWA	7.85	0.48	0.54	4.98	-0.30	0.60	5.03	-0.72	0.19	6.46	0.37	0.34	7.68	-0.10	0.99	
MMCX9F	7.61	-0.44	0.17	5.02	0.00	1.30	5.10	-0.19	1.05	6.33	-0.49	0.01	7.58	-0.70	0.08	
MR68A2	7.72	-0.04	0.12	5.08	0.37	0.14	5.12	0.06	0.19	6.45	0.35	0.13	7.63	-0.39	0.14	
PGDJC6	7.97	0.93	0.47	5.07	0.34	0.60	5.39	2.39	0.70	6.67	1.83	0.34	7.91	1.22	0.88	
PWUER2	7.68	-0.18	1.14	4.95	-0.50	1.10	5.15	0.26	1.27	6.47	0.44	0.34	7.72	0.10	0.28	
R4M7DZ	7.73	0.03	1.18	5.13	0.74	1.37	5.20	0.72	0.00	6.53	0.90	1.28	7.73	0.19	1.41	
RYBHC4	7.72	-0.03	0.20	4.97	-0.35	0.24	5.06	-0.49	0.33	6.39	-0.09	0.22	7.72	0.12	0.24	
TFBRVZ	6.82	-3.52	1.34	4.87	-1.02	0.24	5.02	-0.84	0.33	6.14	-1.86	0.26	7.10	-3.49	0.88	
TLGXFP	7.66	-0.26	0.35	4.94	-0.55	0.24	5.12	0.00	0.51	6.35	-0.35	0.13	7.59	-0.64	0.00	
U4CD99	7.88	0.61	0.63	5.20	1.21	0.60	5.20	0.72	0.00	6.49	0.58	0.56	7.81	0.64	0.42	
UDGKQU	7.32	-1.58	0.94	5.17	0.99	1.71	5.32	1.76	0.89	6.28	-0.86	1.54	7.34	-2.11	0.79	



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pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
VV2EEX	7.86	0.50	0.63	5.08	0.39	0.86	5.65	4.62X	2.61	6.40	-0.02	0.67	7.85	0.87	0.88	
VYY6CW	7.70	-0.10	0.00	5.03	0.08	1.37	5.00	-1.01		6.30	-0.72	0.00	7.73	0.19	1.41	
W7UULQ	7.93	0.80	0.09	4.67	-2.34	0.26	5.08	-0.34	0.07	6.52	0.85	0.28	7.98	1.63	0.34	
W8RMDQ	7.73	0.03	0.72	5.03	0.03	0.27	4.98	-1.15	0.51	6.18	-1.53	0.26	7.45	-1.47	0.37	
XA8E2X	7.68	-0.19	0.63	4.93	-0.64	0.36	5.13	0.12	1.00	6.35	-0.37	0.59	7.73	0.17	0.73	
YC93UT	7.74	0.05	0.20	4.97	-0.37	0.27	5.16	0.40	0.51	6.40	0.00	0.26	7.70	0.00	0.65	
YNMYYW	7.76	0.13	0.20	4.99	-0.21	0.47	5.06	-0.46	0.39	6.34	-0.46	0.51	7.73	0.19	0.28	
YUTTR	7.79	0.23	0.12	4.90	-0.79	0.60	5.09	-0.20	0.51	6.41	0.02	0.26	7.70	0.00	0.65	
ZX9M74	7.79	0.26	1.39	5.04	0.14	0.83	5.05	-0.55	0.70	6.44	0.26	0.80	7.85	0.85	0.71	

pH (1:1) Water (SubTestCode 116) in the Soil pH & EC Property Groups																Data units: Unit
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	7.73			5.02			5.12			6.40			7.70			
Median Abs Dev	0.09			0.08			0.07			0.07			0.07			
Avg Within Lab SD	0.05			0.04			0.03			0.05			0.04			
Labs Included	60			59			57			59			58			
Labs Reporting	61			61			61			61			60			



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2N2H2L	7.60	-1.05	1.04	4.78	-2.35	2.43	5.01	-1.15	1.14	6.27	-0.99	0.39	7.64	-0.16	0.83	
2X73BN	8.04	0.56	0.24	5.06	-0.52	0.78	5.11	-0.67	0.07	6.48	0.08	0.09	7.94	0.61	0.10	
64ZF9L	7.87	-0.06	0.67	5.13	-0.04	1.30	5.37	0.54	2.62	6.97	2.52	3.07	7.77	0.17	1.02	
66C3XM	6.95	-3.42X	0.31	6.84	11.10X	1.83	7.60	11.30X	1.58	6.44	-0.12	1.37	6.95	-1.87	2.86	
68GNWK	7.95	0.24	0.31	5.16	0.11	0.47	5.25	-0.03	0.19	6.47	0.02	0.53	7.73	0.08	0.83	
8JH92G	8.03	0.52	0.29	5.17	0.17	0.26	5.26	0.05	0.07	6.53	0.30	0.56	7.94	0.59	0.79	
8JKTWX	8.04	0.57		5.01	-0.85		5.40	0.71		6.68	1.08		7.99	0.72		
AGRLJE	8.05	0.62	0.71	5.19	0.35	0.52	5.27	0.08	0.13	6.50	0.15	0.52	7.91	0.52	1.07	
ALNZEG	8.11	0.84	0.29	4.95	-1.24	0.45	5.18	-0.34	0.19	6.54	0.35	0.61	7.87	0.43	0.37	
CCDLLD	7.64	-0.88	0.58	4.86	-1.80	0.72	5.14	-0.53	0.07	6.41	-0.27	0.09	7.64	-0.14	0.10	
DBU4VD	8.02	0.51	0.35	5.31	1.11	1.03	5.38	0.61	0.13	6.55	0.40	0.74	8.00	0.75	1.50	
DDYJV9	7.98	0.37	0.07	5.13	-0.09	0.47	5.25	0.00	0.07	6.58	0.56	0.17	7.92	0.54	0.27	
FHN6WE	7.52	-1.34	1.86	5.02	-0.78	1.57	5.09	-0.77	3.57	6.32	-0.76	2.39	7.47	-0.57	1.23	
FKRBF8	7.72	-0.59	0.70	4.88	-1.72	0.52	5.02	-1.11	0.26	6.26	-1.03	0.52	7.09	-1.52	0.57	
GEFCEL	7.90	0.06	1.15	5.20	0.39	2.24	5.10	-0.74	1.26	6.40	-0.34	1.48	7.70	0.00	1.76	
GG894F	7.52	-1.32	0.35	5.37	1.50	0.59	5.21	-0.21	0.44	6.20	-1.35	0.53	7.01	-1.72	0.83	
HFUYQ9	7.88	0.00	0.18	5.17	0.17	1.24	5.35	0.45	1.03	6.57	0.52	0.92	7.69	-0.02	0.62	
LNRV32	7.41	-1.73	0.12	7.05	12.44X	0.39	5.92	3.21	0.70	6.04	-2.17	0.74	6.03	-4.18X	2.10	
LP4UWA	7.70	-0.69	0.91	5.14	0.03	1.02	5.22	-0.14	0.29	6.22	-1.24	0.73	7.52	-0.45	0.46	
M34TK8	7.46	-1.54	0.18	5.26	0.76	0.26	5.98	3.48	0.07	6.60	0.66	0.31	7.53	-0.43	0.10	
MR68A2	7.83	-0.21	0.07	5.18	0.28	0.13	5.22	-0.14	0.15	6.38	-0.42	0.09	7.67	-0.07	0.00	
NMANR4	8.04	0.56	0.18	5.13	-0.04	0.13	5.27	0.10	0.07	6.59	0.64	0.09	7.94	0.61	0.10	
QKQRU2	7.98	0.34	0.07	5.16	0.15	0.34	5.30	0.24	0.19	6.40	-0.35	0.43	7.87	0.43	0.10	
R79AKX	8.06	0.63	1.35	4.48	-4.32X	1.24	5.35	0.45	0.26	6.60	0.66	0.56	7.96	0.64	0.27	
RRBFGW	7.67	-0.79	1.07	4.90	-1.56	0.67	5.02	-1.14	1.14	6.22	-1.23	0.98	6.91	-1.97	0.77	
U76AX3	8.07	0.67	3.71	5.23	0.61	1.30	5.30	0.22	0.00	6.47	0.00	0.85	8.13	1.08	2.03	



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pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups														Data units: Unit		
SRS2306				SRS2307			SRS2308			SRS2309			SRS2310			
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	
VKDPAW	7.76	-0.45	0.16	5.14	0.00	0.32	5.30	0.20	0.09	6.47	-0.01	0.10	7.63	-0.17	0.25	
W8RMDQ	7.60	-1.05	0.29	5.10	-0.24	0.34	5.06	-0.91	0.15	5.85	-3.13X	0.09	6.93	-1.93	0.27	
pH (1:2) Water (SubTestCode 117) in the Soil pH & EC Property Groups														Data units: Unit		
SRS2306				SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	7.88			5.14			5.25			6.47			7.70			
Median Abs Dev	0.16			0.06			0.09			0.10			0.22			
Avg Within Lab SD	0.09			0.04			0.08			0.07			0.06			
Labs Included	27			25			27			27			27			
Labs Reporting	28			28			28			28			28			



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pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	7.64	1.76	0.75	4.61	1.39	0.36	5.06	1.57	0.68	6.43	1.70	0.65	7.77	1.75	0.28	
6BFYPZ	7.47	0.03	1.64	4.47	0.42	1.49	4.95	0.67	2.28	6.18	0.00	0.47	7.57	0.48	0.82	
7JARBY	7.52	0.51	0.22	4.38	-0.21	0.48	4.88	0.11	0.86	6.27	0.64	0.18	7.61	0.74	0.16	
89QDAG	7.46	-0.03	0.43	4.24	-1.18	0.60	4.76	-0.85	0.71	6.20	0.15	0.31	7.50	-0.02	0.87	
CCDLLD	7.42	-0.47	0.99	4.44	0.21	3.05	4.81	-0.45	1.10	6.01	-1.10	2.42	7.41	-0.56	1.08	
DDYJV9	7.49	0.20	0.43	4.52	0.80	0.84	4.93	0.51	0.52	6.23	0.35	0.31	7.61	0.74	0.43	
FKRBF8	7.29	-1.79	0.65	4.30	-0.80	0.60	4.74	-0.99	0.90	6.04	-0.88	0.47	7.39	-0.69	1.15	
KMWRFX	7.45	-0.14	1.08	4.23	-1.27	0.48	4.86	0.00	0.52	6.10	-0.53	0.47	7.45	-0.30	0.43	
KZQAM8	7.40	-0.68	0.00	4.20	-1.49	0.00	4.83	-0.24	1.97	6.00	-1.17		7.50	0.00		
L3RWF3	7.55	0.88	0.78	4.43	0.14	0.72	4.93	0.56	0.20	6.24	0.44	0.65	7.63	0.82	0.72	
RYBHC4	7.41	-0.58	0.38	4.36	-0.35	0.24	4.74	-0.99	0.34	6.08	-0.64	0.31	7.43	-0.45	0.28	
W8RMDQ	7.31	-1.59	0.99	4.27	-0.97	0.36	4.75	-0.91	0.34	6.02	-1.06	1.82	7.40	-0.67	2.42	
XA8E2X	7.51	0.41	1.69	4.47	0.45	0.84	4.95	0.72	0.86	6.23	0.35	0.93	7.62	0.78	1.71	
XN9DPV	7.50	0.37	1.77	4.47	0.42	0.00	4.97	0.85	0.68	6.25	0.48	1.12	7.62	0.80	0.43	
Y9AN9N	7.07	-3.99X	0.78	4.41	0.00	0.24	4.78	-0.69	0.39	6.08	-0.62	0.95	7.30	-1.30	0.28	

pH (1:1) 0.01M CaCl ₂ (SubTestCode 118) in the Soil pH & EC Property Groups															Data units: Unit	
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	7.47			4.41			4.86			6.18			7.50			
Median Abs Dev	0.05			0.06			0.09			0.09			0.11			
Avg Within Lab SD	0.03			0.04			0.03			0.03			0.04			
Labs Included	14			15			15			15			15			
Labs Reporting	15			15			15			15			15			



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pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
68GNWK	7.51	0.11	0.39	4.38	-0.22	0.61	4.88	-0.05	0.77	6.13	0.52	0.20	7.53	0.04	0.12	
7UPEMK	7.61	0.44	0.00	4.43	0.25	0.06	4.92	0.41	0.15	6.29	1.24	0.00	7.70	0.41	0.05	
ALNZEG	7.59	0.38	0.23	4.21	-2.08	0.21	4.76	-1.23	0.77	6.14	0.58	0.19	7.57	0.14	0.05	
CCDLLD	7.47	0.00	0.47	4.36	-0.43	1.28	4.77	-1.10	0.25	5.99	-0.09	0.63	7.51	0.00	0.09	
FKRBF8	6.89	-1.87	0.67	4.33	-0.83	0.67	4.87	-0.08	0.58	5.74	-1.18	1.53	7.00	-1.09	0.28	
LP4UWA	7.31	-0.54	0.92	4.42	0.23	0.16	4.94	0.59	0.46	6.01	0.00	0.54	7.35	-0.34	0.31	
NMANR4	7.65	0.56	0.09	4.42	0.14	0.06	5.01	1.26	0.00	6.31	1.35	0.05	7.73	0.46	0.03	
RRBFGW	6.80	-2.17	1.39	4.40	0.00	1.93	4.80	-0.80	1.34	5.57	-1.91	1.25	6.91	-1.28	0.57	
TFBRVZ	7.40	-0.24	2.65	4.57	1.76	2.16	5.00	1.17	2.52	6.00	-0.03	2.51	7.17	-0.74	3.23	
UBUJPT	7.49	0.04	0.09	4.41	0.11	0.06	4.89	0.05	0.15	6.12	0.48	0.14	7.72	0.45	0.08	
W8RMDQ	7.14	-1.08	0.54	4.28	-1.37	0.26	4.54	-3.40X	0.96	6.00	-0.02	0.05	6.36	-2.46	0.21	

pH (1:2) 0.01M CaCl2 (SubTestCode 119) in the Soil pH & EC Property Groups														Data units: Unit		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	7.47			4.40			4.88			6.01			7.51			
Median Abs Dev	0.14			0.02			0.07			0.12			0.21			
Avg Within Lab SD	0.07			0.10			0.04			0.11			0.22			
Labs Included	11			11			10			11			11			
Labs Reporting	11			11			11			11			11			



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pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups														Data units: Unit			
SRS2306				SRS2307				SRS2308				SRS2309				SRS2310	
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		
8JKTWX	7.49			4.23			4.62			6.00			7.44				
EAUDBF	7.23		1.38	4.20		1.18	4.64		1.38	6.17		0.98	7.32				0.61
PGDJC6	7.28		0.30	4.10		0.78	4.45		0.33	5.85		1.02	7.22				1.27
pH (1:1) 1.0MKCl (SubTestCode 1192) in the Soil pH & EC Property Groups														Data units: Unit			
SRS2306				SRS2307				SRS2308				SRS2309				SRS2310	
Grand Median	7.28			4.20			4.62			6.00			7.32				
Median Abs Dev																	
Avg Within Lab SD	0.10			0.03			0.06			0.02			0.03				
Labs Included	3			3			3			3			3				
Labs Reporting	3			3			3			3			3				



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Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups													Data units: dS/m		
													SRS2310		
SRS2306				SRS2307			SRS2308			SRS2309					
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
HFUYQ9	0.230		1.34	0.067		1.19	0.257		0.76	0.245		1.11	0.775		0.23
LNRV32	0.268		0.44	0.078		0.76	0.226		1.19	0.238		0.87	0.667		1.40
Soil EC (1:5) H2O (SubTestCode 120) in the Soil pH & EC Property Groups													Data units: dS/m		
													SRS2310		
SRS2306				SRS2307			SRS2308			SRS2309					
Grand Median	0.25			0.072			0.24			0.24			0.72		
Median Abs Dev															
Avg Within Lab SD	0.01			0.005			0.01			0.01			0.05		
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	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TREH6	7.53	0.11	0.48	6.27	0.30	1.05	6.74	0.42	0.44	7.18	0.05	0.96	7.54	0.19	0.42
66C3XM	6.96	-2.86	0.29	6.95	6.34X	0.21	7.06	1.91	0.21	6.90	-1.86	0.74	6.80	-6.71X	0.12
7JARBY	7.55	0.25	0.10	6.33	0.81	0.10	6.80	0.67	0.06	7.27	0.70	0.19	7.58	0.56	0.42
7UPEMK	7.53	0.11	0.39	6.24	0.00	0.10	6.64	-0.06	0.06	7.22	0.37	0.11	7.52	0.00	0.65
92MQVM	7.48	-0.11	0.92	6.14	-0.90	0.62	6.55	-0.48	0.68	7.16	-0.05	1.00	7.45	-0.65	0.62
AMCA8A	7.47	-0.20	0.35	6.23	-0.06	0.12	6.58	-0.37	0.59	7.14	-0.19	0.63	7.47	-0.47	0.51
RRBFGW	7.23	-1.42	0.10	5.97	-2.42	0.10	6.35	-1.44	0.10	6.92	-1.74	0.19	7.23	-2.70	0.31
TFBRVZ	7.57	0.32	2.56	6.27	0.24	2.34	6.67	0.06	2.63	7.23	0.44	2.25	7.53	0.16	2.34

SMP Buffer pH (SubTestCode 122) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	7.51			6.24			6.66			7.17			7.52		
Median Abs Dev	0.04			0.03			0.09			0.06			0.05		
Avg Within Lab SD	0.06			0.10			0.10			0.05			0.05		
Labs Included	8			7			8			8			7		
Labs Reporting	8			8			8			8			8		



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups															Data units: Unit	
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2N2H2L	7.70	1.91	0.89	6.66	1.77	1.57	6.93	1.16	1.75	7.40	2.47	1.69	7.69	1.86	0.71	
3HNK2K	7.51	-0.24	3.19	6.40	0.18	0.86	6.70	-0.02	1.41	7.19	-0.09	1.71	7.52	-0.51	3.11	
4RCUPL	7.59	0.66	0.31	6.34	-0.15	0.53	6.57	-0.63	0.72	7.24	0.56	0.48	7.60	0.67	0.43	
66C3XM	6.98	-6.42X	0.80	6.97	3.72X	0.31	7.20	2.51	1.46	7.15	-0.56	0.72	6.82	-10.23X	0.00	
6MPCRD	7.50	-0.39		6.57	1.22	1.17	6.97	1.33	1.40	7.37	2.03	2.41	7.50	-0.74		
7JARBY	7.57	0.43	1.02	6.44	0.42	0.23	6.77	0.33	0.70	7.27	0.84	0.87	7.57	0.28	1.08	
CZYKPK	7.46	-0.86	1.15	6.37	-0.01	0.47	6.67	-0.15	2.31	7.12	-0.92	0.72	7.45	-1.40	1.43	
DDYJV9	7.53	-0.04	0.00	6.39	0.16	0.82	6.69	-0.03	0.37	7.20	0.00	0.48	7.54	-0.14	0.27	
EAUDBF				6.68	1.90	3.32	7.06	1.78	2.52							
EGUXBQ	7.40	-1.56	0.00	6.17	-1.23	1.17	6.53	-0.83	1.40	7.10	-1.15	0.00	7.40	-2.14	0.00	
FLMGRE	7.00	-6.23X		6.26	-0.66	0.20	6.57	-0.65	0.24	7.13	-0.80	0.42	7.00	-7.72X		
GWY4EK	7.53	0.00	0.22	6.31	-0.33	0.47	6.64	-0.30	0.24	7.20	0.00	0.24	7.55	0.00	1.50	
GZDDC3	7.20	-3.89	0.00	6.03	-2.05	1.17	7.00	1.49		7.13	-0.76	2.41	6.80	-10.51X	0.00	
H36YZ7	6.40	-13.27X	1.45	6.65	1.73	0.70	7.16	2.27	0.37	7.52	3.82X	0.24				
JHDB3J	7.54	0.08	0.15	6.27	-0.58	0.11	6.66	-0.20	0.07	7.17	-0.36	0.24	7.56	0.07	0.31	
L3RWF3	7.52	-0.12	0.22	6.38	0.10	0.84	6.77	0.37	0.37	7.19	-0.04	1.20	7.53	-0.37	0.27	
MMCX9F	7.53	0.00	0.11	6.37	0.01	0.10	6.74	0.21	0.31	7.20	0.05	0.13	7.53	-0.27	0.23	
PWUER2	7.54	0.04	0.44	6.30	-0.41	0.40	6.70	0.02	0.14	7.20	0.08	1.27	7.55	0.00	1.08	
QKQRU2				6.27	-0.58	0.71	6.54	-0.80	0.49	7.15	-0.60	0.48				
R4M7DZ	7.50	-0.39		6.33	-0.21	1.17	6.70	0.00	0.00	7.20	0.04	0.00	7.50	-0.74		
RYBHC4	7.52	-0.16	0.38	6.35	-0.11	0.20	6.65	-0.25	0.24	7.13	-0.80	0.42	7.51	-0.60	0.47	
TLGXFP	7.49	-0.47	0.22	6.27	-0.60	0.00	6.53	-0.83	0.14	7.16	-0.44	0.00	7.50	-0.79	0.27	
U4CD99	7.58	0.51	0.80	6.52	0.92	0.12	6.89	0.95	0.24	7.31	1.39	0.48	7.59	0.51	0.47	
VYY6CW	7.53	0.00	2.22	6.43	0.40	1.17	6.70	0.00	0.00	7.20	0.04	0.00	7.60	0.65	0.00	
W7EXCY	7.59	0.66	0.67	6.30	-0.41	0.61	6.70	-0.02	0.50	7.28	1.03	0.64	7.61	0.79	0.47	
YC93UT	7.60	0.78	0.00	6.53	1.00	1.01	6.82	0.61	0.78	7.27	0.88	0.00	7.60	0.70	0.27	



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Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
SRS2306				SRS2307			SRS2308			SRS2309			SRS2310		
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
ZX9M74	7.68	1.67	0.22	6.43	0.38	0.40	6.80	0.48	0.50	7.28	0.96	0.96	7.62	0.93	0.94

Sikora Buffer pH (SubTestCode 123) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
SRS2306				SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	7.53			6.37			6.70			7.20			7.55		
Median Abs Dev	0.04			0.07			0.10			0.05			0.05		
Avg Within Lab SD	0.03			0.05			0.04			0.02			0.02		
Labs Included	22			26			27			25			21		
Labs Reporting	25			27			27			26			24		



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Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
													SRS2310		
SRS2306				SRS2307			SRS2308			SRS2309					
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
EAUDBF				6.84		1.36	7.10		1.02						
PGDJC6	7.59		1.00	6.29		0.40	6.62		0.98	7.20		1.00	7.58		1.00
Sikora Buffer 2 pH (SubTestCode 1232) in the Buffer pH, Lime Requirement Property Groups													Data units: Unit		
													SRS2310		
SRS2306				SRS2307			SRS2308			SRS2309					
Grand Median	7.59			6.56			6.86			7.20			7.58		
Median Abs Dev															
Avg Within Lab SD	0.06			0.07			0.07			0.03			0.06		
Labs Included	1			2			2			1			1		
Labs Reporting	1			2			2			1			1		



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Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	7.87	0.00	1.73	7.33	-1.00	1.43	7.54	0.72	1.16	7.72	0.00	1.45	7.84	-0.17	0.85	
8JH92G	7.91	1.01	0.00	7.41	1.18	0.54	7.46	-0.56	0.37	7.79	1.18	0.63	7.90	1.52	0.85	
TLGXFP	7.90	0.76	0.00	7.39	0.73	0.37	7.49	0.00	0.37	7.77	0.84	0.24	7.91	1.60	0.85	
UDGKQU	7.81	-1.43	1.32	7.35	-0.46	1.52	7.55	0.92	1.77	7.70	-0.28	0.83	7.84	-0.08	0.00	
ZX9M74	7.86	-0.17	0.50	7.36	0.00	0.45	7.42	-1.18	0.49	7.65	-1.07	1.33	7.84	0.00	1.69	
Adams-Evans Buffer pH (SubTestCode 124) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	7.87			7.36			7.49			7.72			7.84			
Median Abs Dev	0.03			0.03			0.05			0.05			0.01			
Avg Within Lab SD	0.01			0.05			0.03			0.02			0.01			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	7.14	0.00	0.71	6.25	0.17	1.43	6.61	0.54	1.19	6.92	-0.06	0.98	7.17	-0.13	0.00	
66C3XM	6.77	-2.33	1.41	6.75	1.59	0.63	6.84	2.20	0.39	6.89	-0.58	0.98	6.66	-2.34	0.00	
DDYJV9	7.13	-0.02	1.41	5.84	-1.02	0.53	6.46	-0.47	0.39	6.92	0.00	0.65	7.24	0.17	1.22	
GK8G9P	7.29	0.98	0.00	6.19	0.00	1.50	6.51	-0.16	1.79	7.05	2.27	1.63	7.37	0.72	1.41	
XA8E2X	7.14	0.04	0.71	5.99	-0.59	0.18	6.53	0.00	0.25	6.95	0.47	0.00	7.20	0.00	1.22	
Woodruff Buffer pH (SubTestCode 125) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	7.14			6.19			6.53			6.92			7.20			
Median Abs Dev	0.01			0.21			0.07			0.03			0.04			
Avg Within Lab SD	0.01			0.03			0.04			0.02			0.01			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4W46YJ	6.80		0.00	5.87		0.89	6.10		0.00	6.50			6.80		0.00	
DXQVYF				5.83		1.34	6.09		1.46	6.45		0.71				
XN9DPV	6.59		1.41	5.88		0.64	6.09		0.93	6.36		1.22	6.62		1.41	
Mehlich Buffer pH (SubTestCode 126) in the Buffer pH, Lime Requirement Property Groups														Data units: Unit		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	6.69			5.87			6.09			6.45			6.71			
Median Abs Dev																
Avg Within Lab SD	0.01			0.06			0.02			0.02			0.01			
Labs Included	2			3			3			3			2			
Labs Reporting	2			3			3			3			2			



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

Data units: mg/kg

WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2N2H2L	77.66	-1.06	0.70	6.03	-1.23	0.93	72.92	-1.52	0.52	100.45	-0.92	0.52	65.90	-1.56	0.70
2TREH6	76.34	-1.15	0.00	7.88	-0.36	0.00	81.52	-0.97	0.00	94.71	-1.26	0.00	64.92	-1.67	0.00
3HMK2K	104.36	0.77	0.54	7.37	-0.60	1.14	85.12	-0.73	1.71	128.53	0.78	0.77	77.24	-0.38	0.89
3KGDY4	93.67	0.03	0.36	8.50	-0.07	0.63	97.58	0.07	1.51	119.88	0.26	0.23	83.23	0.24	0.02
3WQD73	95.00	0.13	2.78	10.67	0.96	1.58	110.58	0.92	0.34	120.31	0.28	4.39	92.96	1.25	3.89
4W46YJ	63.10	-2.06	3.01	16.87	3.88	2.19	67.87	-1.85	1.08	81.47	-2.06	0.77	55.63	-2.63	2.14
64ZF9L	90.67	-0.17	0.34	8.93	0.14	0.08	99.67	0.21	0.18	116.67	0.06	0.97	76.33	-0.48	0.49
68GNW2	90.33	-0.19	0.87	8.10	-0.25	0.73	96.63	0.01	2.01	115.00	-0.04	1.86	79.03	-0.20	0.76
68GNWK	85.57	-0.52	0.50	8.07	-0.27	0.16	93.73	-0.17	0.98	107.33	-0.50	0.70	75.63	-0.55	1.41
6MPCRD	112.00	1.29	0.22	10.17	0.72	0.40	85.50	-0.71	1.07	129.67	0.85	0.21	87.67	0.70	0.40
7JARBY	89.30	-0.26	0.09	8.00	-0.30	0.14	97.03	0.04	0.16	105.80	-0.59	0.17	80.50	-0.05	0.16
7UPEMK	88.33	-0.33	0.41	8.64	0.00	0.12	99.63	0.21	0.10	112.00	-0.22	0.17	80.20	-0.08	0.22
8JH92G	103.07	0.68	2.81	10.18	0.73	0.73	121.52	1.62	2.17	118.71	0.19	1.56	91.47	1.10	1.30
8JKTWX	65.40	-1.90		5.43	-1.51		77.30	-1.24		64.32	-3.10		47.88	-3.44	
92MQVM	92.93	-0.02	0.26	8.03	-0.29	0.16	96.50	0.00	0.17	115.27	-0.02	0.13	82.90	0.20	0.26
AMCA8A	89.97	-0.22	1.08	10.20	0.74	2.47	97.83	0.09	1.04	113.80	-0.11	1.09	80.87	-0.01	1.22
BV9RED	114.93	1.49	0.03	9.20	0.26	0.27	84.00	-0.81	0.31	135.93	1.23	0.07	84.20	0.34	0.03
C8WDXE	88.90	-0.29	0.22	8.52	-0.06	0.08	98.69	0.15	0.18	111.36	-0.26	0.16	78.71	-0.23	0.13
CZYKPK	107.16	0.96	0.84	10.74	0.99	0.87	93.82	-0.17	1.53	121.11	0.33	0.80	84.85	0.41	0.74
D9K9XR	92.50	-0.05		8.94	0.14	0.00	101.10	0.30	0.00	114.70	-0.06	0.00	81.20	0.03	0.00
DDYJV9	104.33	0.77	0.26	8.04	-0.28	0.80	85.13	-0.73	0.68	132.00	0.99	1.60	81.00	0.01	1.11
DXQVYF	92.16	-0.07	0.61	9.33	0.33	0.76	104.48	0.52	0.53	119.32	0.22	0.72	84.87	0.41	1.52
EAUDBF	116.67	1.61	0.71	9.93	0.61	0.21	95.47	-0.06	0.56	136.33	1.25	0.92	92.30	1.18	1.09
EGUXBQ	60.80	-2.22	1.43	5.80	-1.34	0.24	64.40	-2.07	1.21	80.40	-2.13	1.84	66.93	-1.46	1.14
GEFCEL	99.37	0.42	1.25	8.10	-0.25	0.27	106.00	0.62	0.06	111.73	-0.24	0.30	69.73	-1.16	0.30
GG894F	90.77	-0.16	0.44	6.13	-1.18	0.84	102.72	0.41	0.19	118.48	0.17	0.08	81.88	0.10	0.09



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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	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
GK8G9P	96.73	0.24	0.13	8.20	-0.21	0.27	79.00	-1.13	0.30	130.57	0.90	0.08	79.77	-0.12	0.32
GWY4EK	98.83	0.39	2.38	9.43	0.37	0.35	95.83	-0.04	2.51	138.33	1.37	1.69	86.90	0.62	1.12
GZDDC3	95.70	0.17	0.14	9.43	0.37	0.16	102.60	0.40	0.21	119.57	0.24	0.07	82.80	0.19	0.27
H36YZ7	9.02	-5.77X	0.10	81.36	34.33X	2.33	122.09	1.66	0.26	75.78	-2.40	0.19			
JHDB3J	93.17	0.00	0.57	9.57	0.44	0.34	105.33	0.58	0.47	117.00	0.08	0.73	80.93	0.00	1.01
L88642	92.50	-0.05	0.17	10.30	0.78	0.24	100.63	0.27	0.41	116.00	0.02	0.17	85.07	0.43	0.24
LNRV32	73.18	-1.37	1.05	3.66	-2.35	1.35	56.38	-2.59	1.09	88.63	-1.63	0.30	59.74	-2.20	1.81
M34TK8	95.98	0.19	0.12	9.57	0.44	0.48	103.49	0.46	0.29	120.93	0.32	0.14	86.15	0.54	0.07
MMCX9F	99.97	0.47	0.54	11.07	1.15	0.62	80.20	-1.05	0.85	116.57	0.06	0.27	85.70	0.50	0.26
MTE6MJ	116.82	1.62	1.33	10.20	0.73	4.16	94.15	-0.15	2.61	135.28	1.19	1.96	84.65	0.39	1.33
P8PRPC	83.83	-0.64	0.53	9.37	0.34	0.69	82.70	-0.89	0.69	107.53	-0.49	0.21	72.03	-0.93	1.05
PWUER2	103.13	0.68	0.65	11.67	1.43	1.53	81.50	-0.97	0.65	116.07	0.03	0.39	85.93	0.52	0.23
QKQRU2	86.13	-0.48	0.62	8.03	-0.29	0.44	95.77	-0.04	0.34	113.17	-0.15	0.19	79.30	-0.17	0.92
RD8A3R	6.35	-5.95X	0.17	40.18	14.89X	3.05	15.48	-5.24X	0.01	6.36	-6.59X	0.04	7.45	-7.64X	0.11
RRBFGW	97.21	0.28	0.07	11.94	1.56	1.42	106.27	0.64	0.35	121.00	0.32	0.52	85.71	0.50	0.71
RW436X	106.30	0.90		9.00	0.17		122.30	1.68		140.30	1.49		95.90	1.56	
TFBRVZ	91.17	-0.14	0.47	8.60	-0.02	0.14	101.70	0.34	0.97	111.00	-0.28		82.03	0.11	0.74
TLGXFP	86.93	-0.43	0.15	7.93	-0.33	0.08	96.37	0.00	0.15	111.87	-0.23	0.20	77.50	-0.36	0.26
U4CD99	98.00	0.33	0.77	8.83	0.09	0.40	78.33	-1.17	1.08	104.67	-0.66	0.10	73.67	-0.76	0.49
UDGKQU	122.05	1.98	0.42	5.24	-1.60	0.97	109.07	0.82	0.69	150.54	2.11	0.49	86.50	0.58	0.41
W7UULQ	84.92	-0.56	0.27	7.25	-0.66	0.31	102.37	0.38	0.47	114.98	-0.04	0.29	79.81	-0.12	0.49
XA8E2X	122.67	2.02	0.78	9.93	0.61	0.55	107.00	0.68	1.84	108.00	-0.46	1.00	78.33	-0.27	1.12
Y9AN9N	85.13	-0.55	0.20	8.32	-0.15	0.06	96.19	-0.02	0.24	110.33	-0.32	0.36	83.36	0.25	0.51
YC93UT	101.06	0.54	0.54	6.29	-1.11	0.13	86.41	-0.65	1.02	116.25	0.04	0.15	78.64	-0.24	0.17
ZX9M74	95.79	0.18	0.05	7.91	-0.34	0.29	82.40	-0.91	0.05	102.21	-0.81	0.10	63.13	-1.85	0.24



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NO3-N Cd. Rd. (SubTestCode 127) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups						Data units: mg/kg
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	93.2	8.64	96.4	115.6	80.9	
Median Abs Dev	6.8	0.79	9.2	5.3	3.9	
Avg Within Lab SD	4.5	0.73	3.3	6.0	3.1	
Labs Included	49	49	50	50	49	
Labs Reporting	51	51	51	51	50	



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NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
E46ZAR	62.25	-0.15	1.31	10.50	1.35	0.37	60.33	-0.46	1.26	64.33	-0.64	1.08	58.17	0.00	0.43	
R4M7DZ	36.00	-1.13	0.59	4.00	-0.46		24.67	-1.48	0.31	33.67	-1.39	0.39	28.67	-1.02	0.34	
RRBFGW	91.43	0.93	0.80	9.60	1.10	1.09	103.01	0.77	0.91	119.17	0.71	0.80	81.80	0.82	0.35	
U76AX3	97.67	1.16	1.23	4.00	-0.46		99.33	0.66	1.34	116.33	0.64	1.40	98.00	1.38	1.19	
YJDJP9	66.33	0.00	0.90	5.67	0.00	1.29	76.33	0.00	0.82	90.33	0.00	1.03	54.00	-0.14	1.78	
NO3-N ISE (SubTestCode 128) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	66.3			5.67			76.3			90.3			58.2			
Median Abs Dev	25.1			1.67			23.0			26.0			23.6			
Avg Within Lab SD	1.7			1.18			1.9			1.5			1.7			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
													SRS2310		
SRS2306				SRS2307			SRS2308			SRS2309					
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
4RCUPL	98.2		0.14	10.4		0.09	113.1		1.28	130.7		1.15	85.6		0.25
HKNTNA	140.6		1.41	10.5		1.41	155.0		0.61	184.9		0.82	114.5		1.39
NO3-N CTA (SubTestCode 129) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
													SRS2310		
SRS2306				SRS2307			SRS2308			SRS2309					
Grand Median	119.4			10.5			134.1			157.8			100.1		
Median Abs Dev															
Avg Within Lab SD	5.7			0.7			2.1			4.4			2.1		
Labs Included	2			2			2			2			2		
Labs Reporting	2			2			2			2			2		



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NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
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
RRBFGW	87.31		1.00	7.94		1.00	94.47		1.00	109.44		1.00	75.94		1.00

NO3-N Ion Chr. (SubTestCode 130) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups													Data units: mg/kg		
SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	87.3			7.94			94.5			109.4			75.9		
Median Abs Dev	1.7			0.20			2.0			0.5			0.9		
Avg Within Lab SD	1			1			1			1			1		
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	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2N2H2L	3.2	0.45	4.54	9.9	-2.93	1.14	5.3	-1.78	1.75	5.4	3.61X	12.69	8.3	5.12X	40.44		
2TREH6	1.6	-0.95	0.07	24.4	-0.67	0.10	6.8	-1.24	0.10	1.7	0.21	0.11	2.5	0.08	0.16		
3HNK2K	3.6	0.81	0.74	24.8	-0.60	0.79	9.0	-0.38	1.18	2.0	0.47	0.90	2.9	0.47	1.66		
3KGDY4	3.6	0.80	1.40	43.4	2.31	1.80	17.5	2.88	2.66	4.9	3.12	0.92	4.1	1.43	2.34		
64ZF9L	2.7	-0.05	0.46	30.3	0.25	0.75	11.1	0.41	0.86	1.7	0.21	0.91	2.7	0.28	1.10		
6MPCRD	2.4	-0.31	0.06	27.7	-0.16	0.25	8.5	-0.56	0.16	1.5	0.01	0.09	2.2	-0.22	0.23		
7JARBY	2.0	-0.61	0.36	28.7	0.00	0.13	10.7	0.27	1.13	1.0	-0.41		1.6	-0.73	0.26		
7UPEMK	2.7	-0.05	0.07	29.1	0.07	0.08	9.9	-0.03	0.14	1.0	-0.45	0.15	2.9	0.40	0.05		
8JH92G	2.2	-0.45	0.04	35.1	1.02	2.52	9.4	-0.23	0.30	1.7	0.18	3.23	2.2	-0.20	1.29		
92MQVM	2.4	-0.32	0.48	30.4	0.27	0.22	10.5	0.18	0.65	0.7	-0.68	0.17	2.0	-0.32	0.69		
BV9RED	4.6	1.67	0.27	27.9	-0.12	0.21	10.2	0.08	0.31	4.0	2.30	0.29	5.2	2.42	0.45		
C8WDXE	2.5	-0.23	0.13	29.6	0.15	0.05	10.3	0.12	0.05	0.9	-0.46	0.05	2.0	-0.34	0.16		
D9K9XR	2.8	0.05	0.00	27.7	-0.15	0.00	10.0	0.00		1.5	0.07	0.00	2.6	0.19	0.00		
DDYJV9	2.4	-0.27	1.59	27.0	-0.27	1.78	9.3	-0.26	1.69	1.6	0.12	1.88	2.0	-0.34	1.26		
DXQVYF	2.7	0.00	1.01	30.7	0.33	1.57	11.0	0.37	1.27	1.5	0.00	1.16	2.4	0.00	2.40		
EAUDBF	3.3	0.53	0.68	30.3	0.26	0.41	9.8	-0.09	1.45	1.3	-0.14	0.29	2.6	0.14	1.04		
EGUXBQ	0.1	-2.32	0.00	0.3	-4.45X	0.01	0.2	-3.76X	0.00	0.1	-1.26	0.00	0.1	-2.00	0.03		
GEFCEL	3.1	0.30	0.36	21.4	-1.14	0.46	13.4	1.30	0.47	2.6	1.03	0.29	3.7	1.12	0.45		
GG894F	0.4	-2.09	0.00	23.2	-0.85	0.22	5.4	-1.77	1.49	0.4	-1.00	0.00	0.4	-1.78	0.00		
GK8G9P	2.9	0.15	0.23	3.9	-3.88	0.27	16.8	2.61	0.24	0.9	-0.47	0.74	1.6	-0.67	0.26		
GWY4EK	1.9	-0.76	2.31	28.1	-0.09	1.66	8.2	-0.69	1.54	0.9	-0.47	1.19	1.1	-1.10	0.94		
JHDB3J	2.7	-0.06	0.67	30.0	0.22	0.75	10.6	0.24	0.45	1.0	-0.41		1.8	-0.55	0.34		
L88642	2.6	-0.11	0.23	28.7	0.01	0.44	11.0	0.37	0.96	1.2	-0.23	0.29	2.3	-0.09	1.36		
M34TK8	2.6	-0.13	0.28	29.0	0.05	0.12	7.9	-0.81	0.25	0.2	-1.17	0.08	3.2	0.73	0.31		
MMCX9F	2.8	0.03	0.15	26.3	-0.36	0.31	8.5	-0.58	0.11	0.8	-0.60	0.03	1.7	-0.61	0.14		
QKQRU2	2.6	-0.14	0.07	23.3	-0.84	1.11	7.6	-0.92	0.14	1.3	-0.18	0.11	2.3	-0.12	0.12		



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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	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RRBFGW	5.2	2.17	0.75	33.1	0.69	0.55	14.4	1.69	0.80	3.6	1.96	1.14	5.4	2.61	2.23	
TFBRVZ	3.3	0.47	0.68	30.2	0.24	1.16	11.2	0.45	1.86	1.6	0.10	0.68	2.4	0.03	1.30	
TLGXFP	1.7	-0.90	0.00	24.6	-0.64	0.17	8.3	-0.66	0.18	0.7	-0.69	0.00	1.5	-0.78		
U4CD99	3.8	0.91	0.49	35.8	1.12	1.16	11.1	0.41	0.65	1.9	0.43	0.17	3.0	0.52	0.45	
UDGKQU	4.1	1.18	0.53	33.6	0.78	1.16	8.9	-0.42	1.07	1.5	0.00	0.39	2.7	0.23	0.32	
VKDPAW	13.3	9.30X	0.59	45.6	2.66	2.58	25.5	5.90X	2.26	10.4	8.13X	3.41	12.0	8.28X	2.49	
W7UULQ	3.2	0.41	0.11	28.5	-0.02	0.89	12.5	0.96	0.77	2.5	0.93	0.29	2.7	0.23	0.52	
XA8E2X	3.3	0.49	0.30	26.6	-0.33	0.18	9.2	-0.29	0.58	4.0	2.28	3.25	18.1	13.61X	12.78	
Y9AN9N	3.5	0.66	0.50	28.6	0.00	0.39	10.4	0.14	0.30	0.9	-0.50	0.06	2.1	-0.30	0.34	
YC93UT	4.5	1.59	0.28	30.9	0.35	0.75	10.6	0.22	0.32	2.7	1.10	0.34	3.8	1.25	0.88	
YJDJP9	1.0	-1.52		1.0	-4.33X		1.0	-3.43X		1.0	-0.41		1.0	-1.22		
ZX9M74	3.9	1.03	0.27	25.8	-0.45	0.52	9.4	-0.23	0.51	1.7	0.20	0.22	2.5	0.09	1.11	

NH4 - N (KCl Extr.) (SubTestCode 131) in the Inorganic Nitrogen (NO3-N & NH4-N) Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	2.73			28.7			10.00			1.46			2.40			
Median Abs Dev	0.54			2.1			1.07			0.50			0.47			
Avg Within Lab SD	0.43			1.2			0.64			0.34			0.22			
Labs Included	37			36			35			36			35			
Labs Reporting	38			38			38			38			38			



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	32.4	-0.19	0.02	49.6	0.23	0.11	53.7	0.20	0.03	36.2	0.81	0.03	6.3	0.53	0.15	
6BFYPZ	32.2	-0.21	2.02	51.1	0.42	1.84	55.3	0.38	1.72	31.0	-0.08	0.99	5.4	0.05	0.43	
7JARBY	36.0	0.34		45.3	-0.29	0.27	51.0	-0.11	0.44	31.3	-0.03	0.45	6.0	0.37		
89QDAG	34.6	0.14	0.06	49.0	0.16	0.63	54.0	0.23	1.35	32.1	0.10	0.28	4.7	-0.28	0.08	
92MQVM	30.0	-0.53	1.59	47.6	-0.02	1.26	49.5	-0.28	0.79	30.7	-0.15	1.32	3.9	-0.73	0.73	
CZYKPK	38.4	0.69	0.67	56.5	1.08	1.22	67.8	1.80	0.91	40.3	1.54	1.16	11.6	3.30	1.33	
DDYJV9	24.3	-1.35	2.06	35.6	-1.48	3.88	38.4	-1.54	3.48	22.6	-1.56	1.86	2.3	-1.57	0.81	
EAUDBF	37.8	0.60	1.50	56.0	1.01	1.30	55.3	0.38	0.68	36.8	0.92	0.92	5.5	0.13	1.56	
GK8G9P	32.3	-0.19	0.42	46.7	-0.13	0.27	55.0	0.34		32.0	0.09		4.0	-0.66		
GWY4EK	36.5	0.40	1.70	54.1	0.78	0.44	59.0	0.80	1.51	35.1	0.63	0.98	5.5	0.13	1.14	
GZDDC3	36.9	0.46	0.25	55.5	0.95	0.54	68.2	1.84	0.11	36.8	0.93	0.36	1.2	-2.13	0.86	
H36YZ7	50.3	2.40	1.11	57.7	1.22	0.96	34.3	-2.00	0.26	6.0	-4.44X					
HKNTNA	45.1	1.64	1.60	87.9	4.93X	1.13	99.3	5.38X	1.39	54.1	3.94	2.65	12.6	3.78	2.77	
KMWRFX	38.6	0.71	1.63	49.0	0.16	1.04	51.2	-0.08	1.05	32.1	0.11	0.44	5.3	-0.01	0.23	
KZQAM8	33.2	-0.07	0.25	45.3	-0.30	0.49	50.6	-0.16	0.80	30.8	-0.12	0.03	5.3	0.03	0.32	
L3RWF3	32.2	-0.21	0.33	45.6	-0.25	0.12	46.5	-0.62	0.31	30.1	-0.25	0.45	4.6	-0.34	0.26	
LKTJ82	36.9	0.47	0.42	47.7	0.00	0.00	51.3	-0.08	0.31	33.4	0.33	0.85	5.5	0.10	0.63	
MMCX9F	34.3	0.09	0.07	57.2	1.16	0.39	62.7	1.22	0.55	35.8	0.75	0.65	5.7	0.21	0.38	
P8PRPC	24.8	-1.28	0.65	40.5	-0.89	0.34	44.8	-0.82	0.14	25.2	-1.10	0.51	4.7	-0.30	0.21	
PWUER2	36.0	0.34	0.72	49.0	0.16	0.46	51.3	-0.07	0.68	31.3	-0.03	1.18	5.7	0.20	1.20	
QKQRU2	30.5	-0.45	0.24	43.2	-0.55	0.21	52.0	0.00	0.29	27.9	-0.62	0.21	5.2	-0.05	1.19	
R4M7DZ	24.7	-1.29	0.42	46.7	-0.13	0.27	52.0	0.00		31.7	0.03	0.45	5.0	-0.14		
RRBFGW	84.2	7.27X	2.18	60.6	1.58	0.46	66.3	1.63	0.55	57.6	4.55X	0.07	19.5	7.36X	3.59	
RW436X	16.1	-2.53		31.7	-1.96		37.0	-1.70		20.0	-2.00		4.7	-0.30		
RYBHC4	37.2	0.51	0.02	48.9	0.15	0.01	54.3	0.26	0.02	33.7	0.38	0.02	4.5	-0.39	0.02	
TLGXFP	28.8	-0.70	0.04	50.3	0.32	0.12	54.2	0.25	0.12	29.3	-0.38	0.24	5.3	0.01	0.21	



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PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
U4CD99	33.7	0.00	0.84	42.3	-0.66	0.27	41.7	-1.17	0.26	28.7	-0.49	1.18	5.7	0.20	1.20	
VYY6CW	38.3	0.67	0.42	44.3	-0.41	0.70	53.7	0.19	1.35	34.0	0.44	2.04	9.3	2.10	1.20	
W7EXCY	29.1	-0.66	0.11	47.0	-0.09	0.26	49.3	-0.30	0.31	30.3	-0.21	0.09	3.7	-0.80	0.32	
XA8E2X	26.4	-1.05	1.12	36.3	-1.40	1.16	40.5	-1.30	1.14	25.9	-0.97	0.85	5.6	0.14	1.25	
YC93UT	30.4	-0.47	0.83	36.1	-1.41	0.47	44.4	-0.86	0.22	29.5	-0.36	0.21	5.0	-0.12	0.14	
ZX9M74	35.7	0.30	1.21	60.6	1.58	0.66	54.6	0.30	0.48	36.6	0.90	1.21	3.2	-1.09	1.56	

PO4-P Bray P1 (1:10) (SubTestCode 133) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	33.7			47.7			52.0			31.5			5.28			
Median Abs Dev	3.3			3.4			3.0			2.3			0.56			
Avg Within Lab SD	1.4			2.2			2.3			1.3			0.48			
Labs Included	31			31			31			30			30			
Labs Reporting	32			32			32			32			31			



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PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
66C3XM	45.9	4.52X	3.25	41.4	0.07	1.93	56.3	2.50	2.27	57.1	8.07X	3.84	46.0	33.12X	6.88
83XH3H	28.7	0.99	0.27	41.1	0.00	0.32	37.0	-0.44	0.09	26.0	0.37	0.30	2.9	-0.01	0.15
8JKTWX	23.9	0.00		33.0	-1.49		35.0	-0.74		19.2	-1.31		2.9	0.00	
AGRLJE	23.3	-0.13	0.36	40.9	-0.04	0.74	39.8	-0.01	0.41	24.2	-0.06	0.76	2.4	-0.44	0.21
AMCA8A	27.4	0.72	1.12	44.9	0.70	1.33	51.9	1.83	1.09	26.7	0.56	1.70	5.2	1.71	1.06
D9HN2C	27.8	0.79	0.49	35.7	-0.99	1.10	38.1	-0.27	0.97	26.2	0.43	0.91	3.1	0.09	0.09
GEFCEL	19.8	-0.84	0.22	43.4	0.44	0.61	42.7	0.42	0.25	24.5	0.00	0.42	6.8	2.97	1.57
JLQBZB	27.2	0.67	0.82	38.6	-0.45	0.33	39.9	0.00	0.50	22.1	-0.59	1.30	2.6	-0.24	0.31
MR68A2	29.6	1.18	0.29	41.8	0.14	0.20	39.9	0.00	0.05	27.0	0.62	0.18	2.8	-0.11	0.05
TFBRVZ	22.5	-0.28	2.74	42.9	0.34	1.91	45.5	0.86	1.96	28.4	0.96	1.17	3.8	0.67	2.48
TLGXFP	20.2	-0.76	0.00	35.2	-1.08	0.20	37.9	-0.30	0.12	20.5	-0.97	0.17	3.7	0.59	0.18
VKDDAW	18.8	-1.05	0.12	28.6	-2.30	0.46	33.1	-1.04	0.58	18.2	-1.54	1.53	2.1	-0.60	0.19
YUTTTR				45.0	0.73	0.49	42.2	0.35	0.24						

PO4-P Bray P (1:7) (SubTestCode 134) in the Phosphorus and Sulfur Property Groups						Data units: mg/kg				
	SRS2306		SRS2307		SRS2308		SRS2309		SRS2310	
Grand Median	23.9		41.1		39.9		24.5		2.93	
Median Abs Dev	3.7		2.4		2.8		2.4		0.57	
Avg Within Lab SD	1.4		1.0		1.8		1.2		0.56	
Labs Included	11		13		13		11		11	
Labs Reporting	12		13		13		12		12	



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups

Data units: mg/kg

WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2N2H2L	10.7	-0.90	1.05	28.3	0.00	1.14	29.3	-0.60	0.45	16.3	-0.57	0.93	2.7	-0.77	2.75
2TREH6	11.5	-0.63	0.02	33.6	1.16	0.10	35.2	0.85	0.08	25.6	2.60	0.17	8.3	1.96	0.08
3KGD4	11.7	-0.56	0.40	22.3	-1.34	0.43	25.7	-1.51	0.45	16.7	-0.45	1.23	6.0	0.85	
3WQD73	14.5	0.38	0.79	31.3	0.66	1.82	34.4	0.66	0.90	19.2	0.40	2.18	8.0	1.82	1.27
4RCUPL	12.0	-0.46	0.19	25.7	-0.59	0.18	29.7	-0.51	0.60	16.5	-0.50	0.19	3.3	-0.47	0.38
64ZF9L	12.3	-0.34	0.79	32.7	0.96	1.55	39.0	1.80	2.78	18.0	0.00	1.40	3.8	-0.22	0.48
66C3XM	27.5	4.77X	1.18	25.8	-0.58	0.56	26.1	-1.40	0.60	31.7	4.68X	1.43	25.6	10.44X	1.23
68GNWK	12.3	-0.35	0.14	27.7	-0.15	0.34	32.1	0.08	0.70	18.0	0.01	0.17	3.5	-0.35	0.55
7JARBY	17.3	1.35	0.40	30.0	0.37	0.75	31.7	-0.02	0.45	18.7	0.23	0.47	7.0	1.34	
83XH3H	19.9	2.20	0.55	26.8	-0.34	0.14	37.1	1.32	0.32	25.0	2.39	0.25	4.6	0.17	0.06
8J87EJ	16.5	1.08	0.02	19.2	-2.05	0.47	35.7	0.97	0.13	18.1	0.02	0.47	6.2	0.96	0.29
8NXGPG	12.9	-0.16	0.30	25.6	-0.62	1.68	30.1	-0.40	1.25	16.2	-0.62	0.75	6.1	0.92	0.98
92MQVM	12.0	-0.44	0.10	29.2	0.20	0.82	31.8	0.02	0.62	16.4	-0.53	0.26	3.3	-0.47	0.36
AGRLJE	15.0	0.55	0.10	27.1	-0.27	0.33	32.9	0.29	0.59	17.1	-0.31	0.29	3.8	-0.20	0.47
AMCA8A	9.6	-1.25	0.20	26.6	-0.38	0.76	27.7	-1.01	0.79	15.2	-0.96	2.96	2.5	-0.84	1.06
CZYKPK	12.9	-0.13	0.31	28.4	0.00	0.02	29.4	-0.57	1.36	18.4	0.14	0.20	4.7	0.23	2.12
D9HN2C	18.6	1.77	0.56	19.0	-2.10	0.29	40.0	2.05	0.50	24.0	2.04	1.62	10.5	3.03	1.41
DDYJV9	12.7	-0.21	0.69	27.4	-0.21	1.24	27.7	-1.01	2.30	16.2	-0.61	2.00	5.5	0.59	2.16
E46ZAR	12.7	-0.21	0.07	25.9	-0.56	0.68	35.7	0.98	0.28	18.2	0.06	0.23	1.6	-1.28	0.55
EAUDBF	16.7	1.15	0.56	37.1	1.96	1.41	35.0	0.80	0.89	21.4	1.16	1.17	5.9	0.80	1.26
EGUXBQ	15.0	0.56	5.49	33.0	1.04		33.0	0.31		15.0	-1.02		7.0	1.34	
GEFCEL	10.1	-1.08	0.17	29.1	0.16	0.26	28.4	-0.83	0.51	13.7	-1.48	0.41	4.9	0.33	0.28
GK8G9P	12.0	-0.45		28.0	-0.08	0.75	29.0	-0.68		18.0	0.00		5.0	0.36	
GWY4EK	11.8	-0.50	0.66	30.3	0.44	2.81	30.9	-0.22	0.89	16.2	-0.61	1.02	3.8	-0.20	0.45
H36YZ7	23.0	3.25	0.73	26.8	-0.35	1.14	15.8	-3.94X	0.31	3.3	-5.01X	0.40			
L88642	14.0	0.23		29.7	0.29	0.43	32.3	0.14	0.45	18.0	0.00		5.0	0.36	



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PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
M34TK8	15.8	0.83	0.30	27.5	-0.19	0.60	38.6	1.71	0.13	20.3	0.80	0.28	4.8	0.26	0.37	
MMCX9F	13.6	0.09	0.25	31.8	0.76	0.24	31.3	-0.10	0.55	18.5	0.18	0.12	4.1	-0.06	0.06	
MR68A2	12.4	-0.32	0.27	31.7	0.75	0.23	31.9	0.03	0.15	16.0	-0.67	0.05	2.5	-0.88	0.21	
MTE6MJ	14.2	0.28	1.78	28.5	0.03	1.86	30.2	-0.37	2.40	17.1	-0.30	2.32	3.4	-0.44	0.63	
P8PRPC	14.9	0.52	0.29	29.7	0.29	0.86	29.6	-0.52	0.24	16.8	-0.42	0.12	4.4	0.06	0.10	
PWUER2	14.0	0.23	0.69	37.7	2.08	1.14	30.3	-0.35	1.18	19.3	0.45	1.23	5.3	0.53	1.04	
QKQRU2	15.0	0.55	0.18	29.3	0.20	0.03	32.9	0.27	0.08	19.8	0.60	0.25	4.6	0.17	0.31	
R4M7DZ	16.3	1.01	0.40	34.0	1.26		33.3	0.39	0.45	22.3	1.48	0.47	6.3	1.02	1.04	
RD8A3R	15.7	0.81	0.20	25.9	-0.55	0.42	29.6	-0.53	0.28	18.9	0.31	0.08	2.8	-0.69	0.28	
TFBRVZ	13.3	0.00	0.40	28.0	-0.08	1.97	32.0	0.06	2.31	18.3	0.11	0.47	4.0	-0.12	1.80	
TLGXFP	11.0	-0.79	0.07	29.5	0.25	0.16	30.6	-0.28	0.31	13.4	-1.56	0.49	2.7	-0.76	0.18	
U4CD99	13.3	0.00	0.40	26.3	-0.45	0.86	26.7	-1.26	0.45	17.0	-0.34		3.7	-0.29	1.04	
W7EXCY	12.6	-0.26	0.35	29.5	0.26	0.52	32.1	0.08	0.31	16.8	-0.41	0.53	3.7	-0.27	0.18	
W7UULQ	12.5	-0.28	0.33	30.6	0.50	0.15	33.3	0.38	1.09	16.6	-0.48	0.38	3.8	-0.22	0.11	
XA8E2X	12.7	-0.21	0.39	23.8	-1.02	1.05	30.4	-0.35	1.25	21.3	1.12	0.80	3.9	-0.17	1.59	
YC93UT	12.9	-0.16	0.62	25.5	-0.64	0.24	24.6	-1.77	0.86	17.4	-0.21	0.65	3.7	-0.27	1.11	
YJJP9	18.0	1.58		18.0	-2.31		18.0	-3.41X		18.0	0.00		40.0	17.45X		
YUTTTR	14.4	0.36	0.25							18.5	0.17	0.33	3.5	-0.35	0.07	
ZX9M74	16.9	1.19	0.38	33.6	1.18	1.41	35.1	0.83	0.21	25.9	2.68	0.46	8.2	1.92	0.43	

PO4-P Olsen/Bicarb (1:20) (SubTestCode 135) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	13.3			28.4			31.8			18.0			4.25			
Median Abs Dev	1.4			2.1			2.1			1.3			0.93			
Avg Within Lab SD	1.5			1.3			1.3			1.2			0.56			
Labs Included	44			44			42			43			42			
Labs Reporting	45			44			44			45			44			



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PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
													SRS2310		
SRS2306				SRS2307			SRS2308			SRS2309					
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
4W46YJ	28.33		0.55	3.67		0.98	5.67		0.80	7.00		0.82	3.17		0.76
TFBRVZ	29.70		1.30	5.40		1.02	6.83		1.16	9.60		1.15	4.27		1.19
PO4-P M. Morgan (SubTestCode 136) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
													SRS2310		
SRS2306				SRS2307			SRS2308			SRS2309					
Grand Median	29.0			4.53			6.25			8.30			3.72		
Median Abs Dev															
Avg Within Lab SD	1.4			0.78			0.72			0.61			0.76		
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				
														SRS2310				
SRS2306				SRS2307				SRS2308				SRS2309						
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			
64ZF9L	18.3		0.82	34.0			40.0		1.40	22.3		0.78	3.1		1.00			
68GNWK	14.9		1.15	33.8		1.00	34.4		0.16	22.4		1.18						
PO4-P Mod. Kelowna (SubTestCode 137) in the Phosphorus and Sulfur Property Groups														Data units: mg/kg				
SRS2306				SRS2307				SRS2308				SRS2309				SRS2310		
Grand Median	16.6			33.9			37.2			22.4			3.07					
Median Abs Dev																		
Avg Within Lab SD	1.9			1.9			0.7			0.7			0.06					
Labs Included	2			2			2			2			1					
Labs Reporting	2			2			2			2			1					



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PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7JARBY	93.7	-0.25	0.17	50.0	-0.03		77.7	-0.54	0.37	46.0	-0.19	0.72	59.0	-1.81	
CZYKPK	77.8	-1.37	0.59	40.1	-0.86	0.88	62.2	-1.40	0.81	36.4	-1.08	0.70	83.0	-0.66	0.78
DDYJV9	105.3	0.57	2.15	40.6	-0.82	0.53	73.2	-0.79	1.04	41.4	-0.62	1.37	125.0	1.36	1.48
EAUDBF	111.7	1.02	0.17	65.7	1.29	0.81	100.9	0.75	1.37	58.4	0.97	2.08	96.6	0.00	1.49
GK8G9P	95.0	-0.16		50.3	0.00	0.69	87.3	0.00	0.37	48.0	0.00	0.72	97.7	0.05	0.39
GWY4EK	97.2	0.00	0.57	60.2	0.83	0.80	102.7	0.86	0.98	54.9	0.64	0.57	112.3	0.75	1.56
MMCX9F	107.0	0.69	0.66	59.2	0.74	1.26	101.1	0.77	0.68	54.1	0.57	0.62	107.9	0.54	0.42
PWUER2	105.7	0.59	1.43	61.7	0.95	0.69	88.7	0.07	1.61	55.0	0.65	0.72	94.3	-0.11	0.39
TLGXFP	77.0	-1.42	0.37	43.8	-0.55	1.77	71.4	-0.89	1.06	33.7	-1.34	0.25	80.2	-0.79	0.30
PO4-P Strong Bray (1:10) (SubTestCode 138) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	97.2			50.3			87.3			48.0			96.6		
Median Abs Dev	8.4			9.8			13.7			6.9			13.6		
Avg Within Lab SD	3.4			0.8			1.6			1.4			3.9		
Labs Included	9			9			9			9			9		
Labs Reporting	9			9			9			9			9		



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2N2H2L	36.3	8.38X	13.46	17.3	0.62	3.58	26.7	0.64	3.74	20.7	3.81	4.07	214.0	0.00	3.12
64ZF9L	8.0	-0.68	0.33	11.7	-0.88	0.41	25.0	0.40	1.34	8.5	-0.14	0.23	276.7	0.49	0.46
68GNW2	8.2	-0.61	0.40	12.3	-0.72	0.30	23.6	0.20	0.33	8.9	-0.02	0.22	289.3	0.58	0.44
68GNWK	8.2	-0.64	0.20	12.0	-0.78	0.27	22.0	-0.03	0.46	8.8	-0.07	0.09	278.7	0.50	0.94
6MPCRD	8.7	-0.48	0.37	15.5	0.13	0.36	25.8	0.51	0.13	7.3	-0.53	0.18	49.2	-1.28	0.02
8JKTWX	10.1	-0.01		16.1	0.30		22.2	0.00		9.2	0.09		102.2	-0.87	
AMCA8A	10.3	0.06	2.69	11.0	-1.06		26.7	0.64	1.05	5.7	-1.07	0.35	44.3	-1.31	0.28
CZYKPK	10.6	0.14	0.18	12.8	-0.58	0.38	21.9	-0.04	0.47	10.2	0.39	0.13	315.9	0.79	1.16
GK8G9P	8.0	-0.69		12.0	-0.79		18.0	-0.61		7.0	-0.64		34.0	-1.39	0.08
GWY4EK	10.3	0.06	0.75	15.7	0.18	1.09	19.3	-0.41	0.59	9.0	0.01	0.61	212.0	-0.02	1.56
H36YZ7	17.0	2.20	0.78	15.6	0.16	0.50	6.9	-2.20	0.52	62.8	17.51X	1.96			
MMCX9F	10.0	-0.05	0.44	15.8	0.21	0.11	19.5	-0.39	0.18	7.9	-0.36	0.05	162.7	-0.40	0.23
PWUER2	11.2	0.32	1.01	14.7	-0.09	0.41	20.3	-0.27	0.77	12.0	0.99	0.61	309.0	0.74	1.23
R4M7DZ	26.7	5.28X	1.49	11.0	-1.06	1.23	47.3	3.62X	0.29	25.7	5.43X	0.71	125.7	-0.68	0.09
RRBFGW	7.6	-0.82	0.06	10.8	-1.10	0.05	21.7	-0.07	0.03	8.2	-0.25	0.03	279.3	0.51	0.66
TFBRVZ	11.7	0.48	1.98	27.3	3.25X	1.48	34.7	1.79	0.29	12.3	1.09	0.93	137.7	-0.59	1.21
U4CD99	12.0	0.59		15.0	0.00	0.71	21.7	-0.08	0.29	10.3	0.44	0.35	177.7	-0.28	0.44
UDGKQU	16.5	2.04	1.31	25.2	2.69	1.21	30.4	1.17	0.44	10.7	0.56	0.17	298.7	0.66	1.03
VKDPAW	14.1	1.26	0.56	14.9	-0.04	0.11	28.2	0.86	1.27	10.2	0.41	0.80	64.7	-1.16	0.17
VYY6CW	9.0	-0.36	0.42	15.2	0.06	0.22	17.6	-0.66	0.20	8.9	-0.01	0.25	227.0	0.10	0.80
W7EXCY	10.2	0.01	0.40	15.9	0.25	0.31	27.6	0.77	0.11	9.1	0.04	0.23	309.9	0.74	0.45
W7UULQ	7.1	-0.98	0.07	21.4	1.68	0.13	27.3	0.73	0.20	7.1	-0.60	0.10	301.0	0.67	1.06
XA8E2X	6.3	-1.23	0.62	12.1	-0.76	0.32	13.9	-1.19	0.08	4.9	-1.34	0.46	24.3	-1.47	0.16
YDJP9	13.7	1.12	1.49	20.3	1.41	1.09	35.0	1.84	0.51	15.0	1.96	0.61	251.7	0.29	0.60



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SO4 - S (PO4 Extr.) (SubTestCode 140) in the Phosphorus and Sulfur Property Groups						Data units: mg/kg
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	10.2	15.0	22.2	8.97	214.0	
Median Abs Dev	1.9	2.3	4.2	1.32	84.7	
Avg Within Lab SD	0.8	1.4	2.0	1.63	12.6	
Labs Included	22	23	23	22	23	
Labs Reporting	24	24	24	24	23	



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K Ammonium Acetate (SubTestCode 141) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2N2H2L	132.0	-0.57	0.74	86.7	-0.55	0.59	161.0	-0.55	0.69	144.3	0.13	0.17	215.0	-0.58	0.34	
3KGDY4	125.3	-0.90	0.03	83.5	-0.90	0.19	173.9	0.04	0.14	134.4	-0.43	0.07	221.6	-0.29	0.26	
3WQD73	140.0	-0.17		99.0	0.81	0.49	190.0	0.77		136.7	-0.30	0.86	230.0	0.07	1.28	
4RCUPL	136.9	-0.33	0.38	91.5	-0.02	0.36	175.6	0.11	0.45	137.6	-0.25	0.58	203.7	-1.07	0.54	
64ZF9L	116.7	-1.33	0.98	85.7	-0.66	1.08	163.3	-0.44	0.87	123.3	-1.04	0.86	200.0	-1.23		
66C3XM	63.1	-3.97X	1.85	191.7	11.05X	2.58	154.6	-0.84	0.82	219.5	4.32X	1.98	85.0	-6.24X	0.35	
68GNWK							215.0	1.90	1.07				256.7	1.23	1.96	
6BFYPZ	159.7	0.80	0.69	91.3	-0.04	0.33	164.7	-0.38	0.53	148.7	0.37	0.43	224.3	-0.17	0.27	
7JARBY	157.3	0.68	0.43	92.6	0.11	0.71	156.4	-0.75	0.39	137.1	-0.27	0.25	219.6	-0.38	0.39	
7UPEMK	116.7	-1.33	0.10	82.3	-1.04	0.31	178.0	0.22	0.26	120.7	-1.19	0.45	199.7	-1.25	0.20	
83XH3H	143.8	0.01	0.80	92.8	0.12	0.93	208.2	1.59	1.25	141.2	-0.04	0.13	259.0	1.34	0.12	
89QDAG	154.8	0.56	0.28	90.6	-0.11	0.59	160.4	-0.57	0.16	145.9	0.22	0.62	216.1	-0.53	0.39	
8JKTWX	138.3	-0.26		84.4	-0.80		161.9	-0.51		129.5	-0.70		185.1	-1.88		
8NXGPG	125.8	-0.88	1.06	96.7	0.56	0.94	172.7	-0.01	0.11	131.8	-0.57	0.25	218.1	-0.45	0.63	
92MQVM	136.0	-0.37	0.85	93.0	0.15	1.71	176.7	0.16	0.71	135.3	-0.37	0.48	228.0	-0.01	1.33	
AGRLJE	126.9	-0.82	0.22	82.7	-1.00	0.20	183.7	0.49	0.20	129.8	-0.68	0.27	226.0	-0.10	0.07	
AMCA8A	136.3	-0.36	0.94	96.3	0.52	0.66	187.7	0.66	0.31	141.0	-0.06	0.26	231.7	0.15	0.90	
CZYKPK	147.3	0.19	0.19	86.0	-0.63	1.31	153.5	-0.89	1.30	137.4	-0.26	0.56	220.3	-0.35	0.48	
DDYJV9	158.2	0.72	1.47	91.8	0.01	2.17	167.8	-0.24	2.15	155.6	0.76	1.67	235.3	0.30	0.62	
E46ZAR	150.0	0.32	0.29	100.7	0.99	0.92	193.0	0.90	0.66	155.3	0.74	0.31	241.7	0.58	0.61	
EAUDBF	158.3	0.73	0.69	105.0	1.47	2.76	163.7	-0.42	2.04	151.3	0.52	1.21	235.0	0.29	4.67	
EGUXBQ	146.1	0.13	0.78	103.3	1.29	1.08	210.6	1.70	1.80	142.7	0.04	4.53	282.5	2.36	0.30	
GEFCEL	123.7	-0.98	0.16	90.6	-0.12	0.35	173.0	0.00	0.27	112.8	-1.63	0.17	232.7	0.19	0.31	
GK8G9P	164.3	1.03	0.87	93.0	0.15	0.57	179.3	0.29	0.61	163.7	1.21	0.17	241.3	0.57	0.53	
GWY4EK	156.0	0.62	0.59	88.7	-0.33	0.16	159.7	-0.61	1.32	150.0	0.45	2.31	215.3	-0.57	0.20	
H36YZ7	87.3	-2.78	0.35	159.3	7.47X	1.95	149.7	-1.06	0.71	215.7	4.10	0.70				



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

Data units: mg/kg

WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
HKNTNA	122.9	-1.02	0.40	86.1	-0.61	0.81	179.9	0.31	0.65	136.1	-0.33	0.21	240.0	0.51	0.46
JLQBZB	125.2	-0.91	0.51	89.6	-0.23	0.47	176.2	0.14	0.36	126.2	-0.88	0.57	235.5	0.31	0.53
KMWRFX	167.0	1.16	0.51	108.1	1.81	1.46	172.9	-0.01	1.36	151.6	0.53	0.37	231.1	0.12	0.99
KZQAM8	156.8	0.65	0.60	91.5	-0.02	1.10	159.0	-0.63	0.23	144.2	0.12	0.39	229.3	0.04	0.42
L3RWF3	141.3	-0.11	0.20	91.7	0.00	0.44	149.0	-1.09	0.15	146.3	0.24	0.23	215.0	-0.58	0.13
M34TK8	118.5	-1.24	0.09	86.6	-0.56	0.13	177.1	0.18	0.21	120.0	-1.22	0.07	204.7	-1.03	0.51
MMCX9F	177.3	1.67	0.35	94.0	0.26	0.49	172.7	-0.02	0.23	159.3	0.97	0.45	227.3	-0.04	0.20
MR68A2	148.3	0.24	0.49	112.2	2.26	0.00	211.7	1.75	0.44	149.8	0.43	0.43	243.7	0.67	0.38
MTE6MJ	142.7	-0.04	2.25	87.7	-0.44	3.00	168.0	-0.23	3.93	142.0	0.00	1.94	216.7	-0.51	2.25
P8PRPC	136.5	-0.35	0.38	93.1	0.16	0.30	181.8	0.40	0.57	135.4	-0.37	0.16	219.0	-0.41	0.80
PGDJC6	148.2	0.23	0.00	105.3	1.51	0.00	196.3	1.05	0.34	157.3	0.85	0.34	243.1	0.64	0.29
PWUER2	158.0	0.71	0.68	103.7	1.32	0.33	157.7	-0.70	1.26	156.0	0.78	1.42	249.3	0.91	1.65
R4M7DZ	155.0	0.57	0.34	79.7	-1.32	0.16	149.3	-1.07	0.46	140.0	-0.11	0.39	218.7	-0.42	0.07
RD8A3R	223.0	3.93X	3.22	163.8	7.96X	2.27	224.6	2.33	1.26	213.2	3.97	1.90	297.4	3.01	1.26
RRBFGW	140.4	-0.16	0.24	93.4	0.19	0.49	184.6	0.52	1.13	145.4	0.19	0.46	239.1	0.47	0.45
RW436X	16.1	-6.29X		31.7	-6.62X		37.0	-6.16X		20.0	-6.80X		4.7	-9.73X	
RYBHC4	180.0	1.80	0.00	98.7	0.77	0.01	180.8	0.35	0.00	178.7	2.04	0.01	243.5	0.66	0.01
TFBRVZ	153.0	0.47	4.97	99.7	0.88	1.44	183.0	0.45	0.80	142.0	0.00	0.65	210.0	-0.80	0.22
U4CD99	163.3	0.98	0.55	97.3	0.63	0.44	162.0	-0.50	0.60	149.3	0.41	0.31	232.3	0.17	0.52
VYY6CW	142.3	-0.06	0.94	82.7	-0.99	0.87	141.0	-1.45	0.69	133.0	-0.50	0.39	194.3	-1.48	0.20
W7EXCY	131.6	-0.59	0.35	93.7	0.23	0.54	194.2	0.96	0.25	143.3	0.07	0.42	234.9	0.28	0.23
W7UULQ	144.1	0.03	1.19	83.8	-0.87	0.88	183.6	0.48	0.15	135.6	-0.36	0.23	234.4	0.27	0.33
XA8E2X	154.0	0.52	0.78	91.5	-0.01	1.07	162.0	-0.50	0.91	142.3	0.02	0.97	228.3	0.00	0.96
YC93UT	144.3	0.04	0.28	84.2	-0.82	1.23	139.5	-1.52	0.48	145.8	0.21	0.15	219.1	-0.40	0.29
YJDJP9	103.0	-2.00	0.17	72.0	-2.17	0.57	150.0	-1.04	0.15	103.7	-2.14	0.91	185.7	-1.86	0.52
YUTTR	143.3	-0.01	0.26	102.9	1.24	0.35	186.3	0.60	0.39	141.8	-0.01	0.32	263.3	1.52	0.26



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

Data units: mg/kg

	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310
Grand Median	143.5	91.7	173.0	142.0	228.3
Median Abs Dev	11.7	5.6	11.5	7.3	11.6
Avg Within Lab SD	5.9	3.5	6.6	6.7	7.8
Labs Included	48	47	51	49	49
Labs Reporting	51	51	52	51	51



ALP Program - Participant Web Summary Report - Cycle 51 - Summer 2023

Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2N2H2L	3,687.3	0.66	1.81	572.3	-0.47	1.06	1,216.0	-1.01	1.15	1,646.3	-0.63	1.83	5,113.7	0.92	2.28	
3KGDY4	3,415.0	0.33	0.41	604.1	-0.22	0.15	1,538.7	0.75	0.10	1,757.6	-0.16	0.03	4,957.9	0.76	0.68	
3WQD73	2,200.0	-1.13	1.66	640.0	0.07	0.22	1,500.0	0.54		1,800.0	0.02	1.17	3,366.7	-0.82	1.39	
4RCUPL	2,556.3	-0.70	0.31	572.5	-0.47	0.19	1,403.4	0.01	0.42	1,533.6	-1.12	0.19	3,565.7	-0.62	0.17	
64ZF9L	2,900.0	-0.29	1.91	630.0	-0.01	1.35	1,400.0	-0.01	1.75	1,633.3	-0.69	1.79	4,500.0	0.31	1.60	
66C3XM	1,803.8	-1.60	1.83	1,686.2	8.39X	2.12	2,488.3	5.94X	3.70	1,270.9	-2.23	0.04	1,198.6	-2.97X	0.53	
68GNWK	3,246.7	0.13	1.17	676.7	0.36	0.68	1,743.3	1.87	0.99	1,946.7	0.64	0.78	4,953.3	0.76	1.55	
6BFYPZ	2,734.7	-0.48	0.48	682.7	0.41	0.14	1,366.7	-0.19	0.19	1,835.7	0.17	0.61	3,585.3	-0.60	0.07	
7JARBY	3,208.3	0.08	0.32	662.5	0.25	0.04	1,299.7	-0.56	0.22	1,835.7	0.17	0.12	4,077.0	-0.11	0.33	
7UPEMK	2,594.7	-0.65	0.09	569.3	-0.50	0.22	1,443.0	0.23	0.15	1,567.0	-0.97	0.19	4,068.0	-0.12	0.19	
83XH3H	2,461.2	-0.81	0.68	616.6	-0.12	0.30	1,353.2	-0.27	0.61	1,670.6	-0.53	0.08	4,366.6	0.17	0.26	
89QDAG	2,790.3	-0.42	0.23	969.2	2.68	0.09	1,631.1	1.25	0.74	1,961.7	0.71	0.46	3,615.1	-0.57	0.12	
8JKTWX	2,814.3	-0.39		769.5	1.10		1,369.1	-0.18		1,735.2	-0.26		3,488.8	-0.70		
8NXGPG	2,764.6	-0.45	2.09	714.9	0.66	0.16	1,386.9	-0.08	1.38	1,648.7	-0.62	1.60	4,149.0	-0.04	0.21	
92MQVM	3,178.0	0.05	1.04	633.0	0.01	0.42	1,512.7	0.61	0.48	1,702.7	-0.39	0.70	4,560.7	0.37	1.59	
AGRLJE	3,225.7	0.11	0.28	601.7	-0.24	0.08	1,417.9	0.09	0.23	1,579.5	-0.92	0.07	5,339.4	1.14	0.21	
AMCA8A	1,955.0	-1.42	0.43	554.3	-0.61	0.19	1,432.3	0.17	0.47	1,644.3	-0.64	0.30	2,992.0	-1.19	0.96	
CZYKPK	4,365.2	1.48	0.52	645.4	0.11	1.00	1,309.0	-0.51	1.03	1,806.8	0.05	0.60	5,960.2	1.76	0.20	
DDYJV9	3,233.0	0.11	1.19	609.0	-0.18	0.48	1,319.3	-0.45	1.15	1,889.0	0.40	0.25	4,176.0	-0.01	0.45	
E46ZAR	2,363.7	-0.93	0.44	546.0	-0.68	0.41	1,473.3	0.39	0.50	1,668.0	-0.54	0.53	3,351.3	-0.83	0.22	
EAUDBF	3,290.3	0.18	1.45	766.7	1.07	1.12	1,359.3	-0.23	1.59	1,861.7	0.28	0.44	4,419.7	0.23	3.46	
EGUXBQ	3,262.3	0.15	0.72	648.1	0.13	1.54	1,342.5	-0.32	1.72	1,407.3	-1.65	2.98	4,073.0	-0.12	0.35	
GEFCEL	1,780.3	-1.63	0.12	529.8	-0.81	0.21	1,079.3	-1.76	0.56	1,250.7	-2.32	0.43	2,868.7	-1.31	0.28	
GK8G9P	2,250.0	-1.07	0.44	513.3	-0.94	0.51	1,370.0	-0.17	0.17	1,916.7	0.52	0.75	3,163.3	-1.02	0.14	
GWY4EK	3,396.7	0.31	0.74	648.7	0.14	0.76	1,353.3	-0.26	1.20	2,040.0	1.04	2.24	4,252.3	0.06	0.51	
H36YZ7	607.0	-3.04X	0.05	1,395.1	6.07X	1.59	2,059.3	3.59X	0.43	4,052.8	9.62X	0.31				



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
HKNTNA	1,945.0	-1.43	0.27	631.7	0.00	0.12	1,610.3	1.14	0.24	1,795.3	0.00	0.01	3,246.7	-0.94	0.07	
JLQBZB	3,539.3	0.48	0.37	605.6	-0.21	0.14	1,531.2	0.71	0.18	1,681.5	-0.49	0.08	4,749.9	0.56	0.24	
KMWRFX	2,758.4	-0.46	0.16	846.0	1.70	0.33	1,512.5	0.61	0.52	1,987.3	0.82	0.62	3,545.2	-0.64	0.75	
KZQAM8	4,154.2	1.22	0.35	939.8	2.45	0.25	1,588.0	1.02	0.45	1,966.6	0.73	0.23	5,334.9	1.14	0.58	
L3RWF3	2,601.0	-0.65	0.03	561.0	-0.56	0.06	1,151.3	-1.37	0.06	1,685.7	-0.47	0.03	3,564.3	-0.62	0.03	
M34TK8	3,354.7	0.26	0.06	613.4	-0.15	0.12	1,545.7	0.79	0.57	1,635.3	-0.68	0.12	4,945.3	0.75	0.07	
MMCX9F	4,463.3	1.59	1.90	699.0	0.54	0.08	1,418.0	0.09	0.16	2,049.7	1.08	0.40	5,141.0	0.94	0.69	
MR68A2	1,305.3	-2.20	0.21	251.8	-3.02	0.02	586.5	-4.45X	0.03	675.4	-4.77X	0.05	1,974.7	-2.20	0.21	
MTE6MJ	3,626.7	0.59	2.58	651.0	0.15	2.29	1,510.0	0.59	4.02	1,960.0	0.70	1.99	5,060.0	0.86	1.45	
P8PRPC	87.7	-3.67X	0.00	74.2	-4.43X	0.00	78.9	-7.23X	0.01	72.8	-7.34X	0.00	79.5	-4.09X	0.00	
PGDJC6	4,406.7	1.53	1.05	722.7	0.72	0.18	1,682.0	1.53	0.23	1,937.3	0.61	0.18	5,726.7	1.53	0.46	
PWUER2	3,097.3	-0.05	0.24	774.7	1.14	0.95	1,264.7	-0.75	0.93	1,981.0	0.79	0.52	4,419.0	0.23	1.00	
R4M7DZ	3,408.3	0.33	0.81	643.3	0.09	1.07	1,285.0	-0.64	0.15	1,921.0	0.54	0.58	4,459.0	0.27	0.71	
RD8A3R	2,845.0	-0.35	1.40	237.2	-3.14	4.93	1,306.3	-0.52	1.17	1,844.3	0.21	2.77	4,190.7	0.00	1.96	
RRBFGW	2,844.9	-0.35	0.43	642.6	0.09	0.47	1,597.7	1.07	1.45	1,795.5	0.00	0.22	3,750.2	-0.44	0.60	
TFBRVZ	3,206.7	0.08	0.62	693.3	0.49	0.26	1,626.7	1.23	0.20	1,806.7	0.05	0.72	4,446.7	0.25	2.03	
U4CD99	3,672.0	0.64	0.35	754.3	0.98	0.15	1,469.3	0.37	0.61	2,034.7	1.02	0.26	4,774.7	0.58	0.24	
VYY6CW	3,201.0	0.08	1.88	556.7	-0.60	1.68	1,209.0	-1.05	1.18	1,843.3	0.20	0.87	4,658.3	0.46	1.18	
W7EXCY	3,019.8	-0.14	0.46	626.5	-0.04	0.39	1,528.2	0.69	0.09	1,773.0	-0.10	0.90	4,409.0	0.22	0.29	
W7UULQ	2,209.5	-1.12	0.32	586.5	-0.36	0.22	1,445.0	0.24	0.34	1,654.3	-0.60	0.17	3,107.4	-1.08	0.18	
XA8E2X	3,202.7	0.08	1.14	674.7	0.34	0.88	1,348.7	-0.29	1.25	1,740.3	-0.23	1.36	4,037.3	-0.15	1.04	
YC93UT	3,691.9	0.67	0.32	611.9	-0.16	0.03	1,291.4	-0.60	0.25	1,971.6	0.75	0.11	4,914.7	0.72	0.09	
YJDJP9	1,137.0	-2.40	0.29	332.0	-2.38	0.40	839.7	-3.07	0.22	986.0	-3.45	1.05	1,777.0	-2.40	0.56	
YUTTTR	3,230.1	0.11	0.19	611.0	-0.16	0.16	1,262.2	-0.76	0.24	1,680.6	-0.49	0.09	4,020.8	-0.17	0.54	



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Ca Ammonium Acetate (SubTestCode 142) in the Bases (1:10) Property Groups						Data units: mg/kg
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	3,137.7	631.7	1,401.7	1,795.3	4,190.7	
Median Abs Dev	390.4	51.0	105.2	141.1	625.0	
Avg Within Lab SD	104.5	45.1	57.2	85.4	165.7	
Labs Included	48	47	46	47	47	
Labs Reporting	50	50	50	50	49	



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2N2H2L	154.7	0.14	0.20	90.3	-0.24	0.79	147.7	-0.37	0.21	357.0	0.21	1.20	413.7	0.54	1.22
3KGDY4	143.5	-0.22	0.18	89.1	-0.32	0.20	162.3	0.41	0.14	347.5	0.00	0.06	416.8	0.61	0.38
3WQD73	136.7	-0.44	1.01	97.3	0.22	0.86	166.7	0.65	0.80	343.3	-0.09	0.39	393.3	0.08	0.42
4RCUPL	126.7	-0.77	0.64	81.1	-0.84	0.11	157.3	0.15	0.88	313.3	-0.75	0.25	395.2	0.12	0.57
64ZF9L	123.3	-0.88	1.01	93.7	-0.02	1.76	153.3	-0.07	0.80	320.0	-0.61	1.36	356.7	-0.75	0.42
66C3XM	365.8	7.01X	2.55	311.7	14.21X	2.23	282.2	6.82X	0.75	328.8	-0.41	0.37	268.0	-2.76	0.97
68GNWK	145.3	-0.16	1.07	94.7	0.04	0.86	171.7	0.91	0.89	355.3	0.17	1.10	420.0	0.68	1.45
6BFYPZ	161.7	0.37	0.27	95.0	0.07	0.45	152.3	-0.12	0.29	369.0	0.47	0.54	401.3	0.26	0.08
7JARBY	171.8	0.70	0.13	105.8	0.77	0.28	150.9	-0.20	0.12	368.8	0.47	0.12	401.0	0.25	0.37
7UPEMK	117.3	-1.07	0.10	81.6	-0.81	0.13	148.7	-0.32	0.08	307.3	-0.88	0.10	349.0	-0.93	0.13
83XH3H	135.5	-0.48	0.25	83.3	-0.70	0.47	149.3	-0.29	0.32	363.4	0.35	1.25	387.6	-0.05	0.72
89QDAG	161.8	0.37	0.68	103.6	0.63	0.31	156.3	0.09	0.35	356.2	0.19	0.34	372.8	-0.39	0.19
8JKTWX	130.0	-0.66		83.2	-0.70		155.7	0.06		282.1	-1.44		304.5	-1.93	
8NXGPG	202.1	1.68	2.35	73.7	-1.33	0.95	198.2	2.33	1.70	251.7	-2.11	0.78	392.9	0.07	0.67
92MQVM	150.3	0.00	1.16	95.7	0.11	0.13	171.0	0.88	0.14	355.7	0.18	0.38	419.3	0.66	0.25
AGRLJE	162.4	0.39	0.45	125.0	2.02	0.77	189.1	1.84	0.44	311.8	-0.79	0.21	363.8	-0.59	0.32
AMCA8A	124.7	-0.83	0.66	82.7	-0.74	0.69	152.3	-0.12	0.08	315.0	-0.72	0.31	366.3	-0.53	0.36
CZYKPK	176.8	0.86	0.51	102.2	0.54	2.07	149.8	-0.26	0.91	360.5	0.29	0.72	423.2	0.75	0.41
DDYJV9	174.7	0.79	1.00	98.4	0.29	1.01	154.2	-0.02	1.28	393.6	1.01	0.48	423.2	0.75	0.35
E46ZAR	127.0	-0.76	0.30	76.7	-1.13	0.35	149.0	-0.30	0.56	301.7	-1.01	0.52	362.3	-0.62	0.15
EAUDBF	170.3	0.65	0.56	104.0	0.65	1.20	148.3	-0.33	1.32	370.0	0.49	0.74	426.3	0.82	4.19
EGUXBQ	164.6	0.46	0.50	98.8	0.31	0.21	162.1	0.40	1.77	310.4	-0.82	4.22	405.5	0.35	0.59
GEFCEL	123.8	-0.86	0.46	75.9	-1.18	0.05	153.2	-0.08	0.08	243.1	-2.30	0.22	344.5	-1.03	0.29
GK8G9P	160.0	0.31	0.76	81.3	-0.83	1.31	153.0	-0.09	0.14	369.7	0.49	0.28	412.7	0.51	0.65
GWY4EK	159.0	0.28	0.46	85.0	-0.59	0.90	139.3	-0.82	0.84	365.7	0.40	2.29	380.3	-0.22	0.04
H36YZ7	83.4	-2.18	0.25	140.1	3.01	1.56	379.8	12.04X	0.46	362.9	0.34	0.39			



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
HKNTNA	125.6	-0.80	0.39	101.4	0.48	0.08	168.5	0.74	0.38	346.1	-0.03	0.19	388.1	-0.04	1.16
JLQBZB	140.1	-0.33	0.62	85.8	-0.53	0.19	163.7	0.49	0.08	318.3	-0.64	0.41	388.0	-0.04	0.16
KMWRFX	156.3	0.19	0.82	97.0	0.20	0.87	155.3	0.04	0.84	383.1	0.78	0.05	391.8	0.04	0.60
KZQAM8	154.2	0.12	0.43	101.2	0.47	1.09	140.8	-0.74	0.12	389.7	0.93	0.33	412.1	0.50	0.60
L3RWF3	140.3	-0.33	0.44	91.7	-0.15	0.13	130.7	-1.28	0.29	356.3	0.19	0.17	369.3	-0.47	0.15
M34TK8	138.0	-0.40	0.24	96.9	0.19	0.46	164.1	0.51	0.56	315.1	-0.71	0.06	375.7	-0.32	0.03
MMCX9F	173.5	0.75	0.07	85.5	-0.55	0.22	134.8	-1.06	0.31	331.1	-0.36	0.14	379.4	-0.24	0.37
MR68A2	383.7	7.59X	0.53	391.4	19.41X	0.70	383.7	12.25X	0.42	387.5	0.88	0.21	395.2	0.12	0.22
MTE6MJ	168.0	0.57	3.80	95.0	0.07	3.84	163.7	0.48	4.65	403.0	1.22	2.59	428.0	0.86	2.97
P8PRPC	9.2	-4.59X	0.02	19.5	-4.86X	0.02	14.7	-7.48X	0.01	24.0	-7.12X	0.01	15.6	-8.46X	0.01
PGDJC6	183.2	1.07	0.67	101.2	0.47	0.16	173.2	0.99	0.25	358.4	0.24	0.09	541.6	3.43	0.40
PWUER2	182.7	1.05	0.86	119.7	1.68	1.16	145.7	-0.48	0.93	400.7	1.17	0.57	455.3	1.48	1.69
R4M7DZ	260.7	3.59	2.93	172.7	5.14X	3.85	210.0	2.96	0.28	330.3	-0.38	0.85	344.0	-1.04	
RD8A3R	153.6	0.11	1.18	84.7	-0.61	0.68	159.7	0.27	1.02	421.7	1.63	1.51	464.1	1.68	1.39
RRBFGW	141.2	-0.30	0.27	94.3	0.02	0.50	165.6	0.59	1.15	344.5	-0.07	0.30	397.2	0.16	0.42
TFBRVZ	149.0	-0.04	1.21	104.9	0.71	1.59	173.3	1.00	1.04	355.0	0.16	0.47	387.0	-0.07	0.87
U4CD99	185.7	1.15	0.27	113.7	1.28	0.13	164.3	0.52	0.63	399.0	1.13	0.07	429.0	0.88	0.48
VYY6CW	150.3	0.00	0.82	84.0	-0.65	0.78	134.3	-1.08	0.70	335.0	-0.28	0.71	376.3	-0.31	0.44
W7EXCY	136.4	-0.45	0.58	93.3	-0.05	0.35	166.1	0.61	0.22	336.4	-0.25	0.47	387.4	-0.06	0.31
W7UULQ	127.3	-0.75	0.16	89.4	-0.30	0.11	155.0	0.02	0.09	313.7	-0.75	0.11	360.2	-0.67	0.10
XA8E2X	163.7	0.43	1.05	97.7	0.24	0.91	148.3	-0.33	1.32	337.3	-0.22	1.19	374.0	-0.36	1.16
YC93UT	150.2	-0.01	0.13	79.7	-0.94	0.05	120.9	-1.80	0.17	373.4	0.57	0.08	378.6	-0.26	0.12
YJDJP9	88.0	-2.03	0.30	54.3	-2.59	1.36	104.0	-2.70	0.14	203.7	-3.17	1.39	262.7	-2.88	1.08
YUTTTR	123.7	-0.87	0.28	82.2	-0.77	0.45	131.6	-1.23	0.24	333.9	-0.30	0.69	399.5	0.22	0.59



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Mg Ammonium Acetate (SubTestCode 143) in the Bases (1:10) Property Groups						Data units: mg/kg
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	150.3	94.0	154.6	347.5	389.9	
Median Abs Dev	14.8	8.7	9.0	22.1	22.5	
Avg Within Lab SD	5.7	4.4	7.2	14.7	13.8	
Labs Included	47	46	46	49	48	
Labs Reporting	50	50	50	50	49	



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2N2H2L	12.7	-0.11	0.86	8.7	-0.29	0.43	18.3	-0.56	0.50	11.0	0.10	0.42	98.7	0.28	1.67	
3KGDX4	7.9	-1.04	0.36	5.4	-0.94	0.47	16.6	-1.14	0.11	5.8	-0.71	0.03	91.3	-0.31	0.39	
3WQD73	25.7	2.45	2.38	25.7	3.09	2.84	37.0	5.64X	2.29	18.0	1.18	0.42	116.7	1.70	1.75	
4RCUPL	11.2	-0.40	0.71	8.5	-0.31	0.50	20.1	0.01	0.49	9.0	-0.22	0.16	95.1	0.00	0.78	
64ZF9L	11.0	-0.44	0.74	13.0	0.57	0.75	22.7	0.88	1.32	10.7	0.05	0.24	90.0	-0.41	0.30	
66C3XM	24.3	2.18	1.39	44.9	6.91X	2.80	43.4	7.76X	2.56	39.4	4.48	1.13	29.9	-5.15X	3.07	
7JARBY	13.5	0.05	0.23	10.6	0.10	0.60	18.9	-0.37	0.49	9.4	-0.15	0.22	95.2	0.00	0.93	
7UPEMK	5.6	-1.49	0.10	3.8	-1.27	0.05	15.3	-1.56	0.13	3.6	-1.05	0.03	84.5	-0.85	0.18	
83XH3H	11.6	-0.33	0.94	6.9	-0.65	0.17	20.7	0.23	1.24	8.6	-0.28	0.24	106.0	0.85	0.27	
89QDAG	15.6	0.46	0.78	12.4	0.46	0.08	20.3	0.08	0.79	10.7	0.05	0.05	89.4	-0.46	0.78	
8JKTWX	10.2	-0.59		8.3	-0.35		22.2	0.72		19.3	1.38		76.7	-1.46		
8NXGPG	16.4	0.62	1.46	15.8	1.13	1.75	20.4	0.13	1.58	22.0	1.79	0.31	95.0	-0.02	1.44	
92MQVM	11.3	-0.37	0.43	7.0	-0.62	0.75	18.7	-0.45	1.80	7.3	-0.47	0.65	94.0	-0.09	0.30	
AGRLJE	6.9	-1.25	0.20	4.8	-1.06	0.25	17.6	-0.81	0.51	3.8	-1.02	0.04	79.5	-1.24	0.11	
AMCA8A	11.3	-0.37	0.43	9.0	-0.22		21.0	0.32	0.87	8.3	-0.31	0.24	97.0	0.14	0.60	
CZYKPK	14.5	0.24	0.60	12.7	0.52	1.79	20.0	-0.02	0.00	10.5	0.01	0.28	97.1	0.15	0.54	
DDYJV9	12.0	-0.25	0.86	9.2	-0.18	0.37	19.1	-0.30	0.05	7.9	-0.38	0.71	100.0	0.38	0.54	
E46ZAR	12.7	-0.11	0.43	8.7	-0.29	0.43	19.0	-0.34	0.87	7.7	-0.42	0.24	84.7	-0.83	0.46	
EAUDBF	14.8	0.30	1.31	12.3	0.43	2.05	20.5	0.17	1.41	10.6	0.04	0.52	95.4	0.01	3.45	
EGUXBQ	14.5	0.25	0.57	11.9	0.36	0.22	27.2	2.39	1.00	11.7	0.20	0.65	124.1	2.28	1.13	
GEFCEL	9.1	-0.82	0.11	12.3	0.43	0.34	23.2	1.07	0.36	7.5	-0.44	0.05	93.8	-0.11	0.71	
GK8G9P	15.0	0.35	0.74	5.7	-0.88	0.43	17.7	-0.78	0.50	7.0	-0.52	0.42	102.0	0.54	0.80	
GWY4EK	14.0	0.15	2.23	9.3	-0.16	1.56	21.0	0.32	2.29	8.7	-0.26	1.30	111.7	1.30	0.17	
H36YZ7	5.4	-1.53	0.34	15.7	1.12	0.43	4.8	-5.06X	0.52	85.8	11.65X	0.69				
HKNTNA	12.3	-0.18	0.42	5.7	-0.87	0.74	19.8	-0.07	0.57	5.0	-0.83	0.30	102.6	0.58	0.59	
JLQBZB	8.1	-1.01	0.45	4.6	-1.10	0.28	17.5	-0.84	0.85	4.4	-0.92	0.08	93.5	-0.13	0.10	



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Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KMWRFX	15.5	0.45	0.14	13.3	0.64	0.24	21.9	0.61	0.28	12.0	0.25	0.08	93.4	-0.14	0.08	
KZQAM8	14.1	0.18	0.09	12.5	0.48	0.10	18.6	-0.48	0.40	11.2	0.13	0.13	96.9	0.14	0.39	
M34TK8	11.1	-0.42	0.69	10.8	0.14	0.89	21.9	0.61	0.97	17.5	1.10	0.41	91.2	-0.31	0.41	
MMCX9F	16.6	0.66	0.22	13.0	0.58	0.08	21.5	0.49	0.32	12.6	0.34	0.09	96.8	0.13	0.41	
MR68A2	27.9	2.88	3.35	17.4	1.45	2.15	35.5	5.15X	8.19	33.8	3.61	5.72	130.4	2.78	0.97	
MTE6MJ	9.8	-0.67	1.30	7.5	-0.52	0.35	19.2	-0.26	1.18	7.6	-0.43	0.28	102.3	0.56	0.76	
P8PRPC	4.1	-1.80	0.20	1.4	-1.74	0.11	13.1	-2.29	2.08	3.0	-1.13	0.32	66.6	-2.25	0.31	
PGDJC6	6.9	-1.25	0.00	3.1	-1.40	1.00	13.8	-2.07	0.00	3.1	-1.13	0.56	94.3	-0.07	0.00	
PWUER2	13.4	0.03	1.06	11.6	0.30	1.07	19.7	-0.11	1.55	10.3	-0.01	0.86	93.7	-0.12	2.02	
RD8A3R	366.0	69.41X	146.88	323.4	62.30X	77.44	19.7	-0.10	0.83	167.4	24.25X	79.33	271.3	13.90X	20.96	
RRBFGW	12.7	-0.10	0.86	8.1	-0.40	0.33	22.1	0.70	0.82	10.7	0.05	0.09	98.2	0.23	0.29	
TFBRVZ	13.8	0.11	0.00	11.5	0.28		23.0	0.99		12.3	0.29	0.56	91.2	-0.31	1.61	
U4CD99	15.3	0.41	0.43	14.0	0.77	0.75	23.0	0.99	0.87	14.0	0.56	0.42	103.0	0.62	0.30	
VYY6CW	20.6	1.45	1.61	15.5	1.06	1.91	28.2	2.70	1.48	19.8	1.45	0.91	81.1	-1.11	1.10	
W7EXCY	14.6	0.26	0.05	13.0	0.57	0.56	22.2	0.72	0.72	10.8	0.07	0.60	97.1	0.15	0.26	
W7UULQ	9.1	-0.82	0.26	6.8	-0.67	0.06	19.7	-0.11	0.36	6.5	-0.59	0.05	96.6	0.11	0.08	
XA8E2X	13.2	0.00	0.59	9.4	-0.14	0.33	16.1	-1.29	0.30	10.8	0.06	0.28	124.7	2.33	0.76	
YC93UT	15.0	0.35	0.07	13.1	0.59	0.50	20.4	0.14	0.27	12.6	0.34	0.26	99.7	0.36	0.40	
YJDJP9	16.0	0.54	0.74	12.3	0.44	1.89	20.3	0.10	0.50	9.0	-0.21	0.85	70.0	-1.99	1.89	
YUTTTR	16.4	0.61	1.41	9.6	-0.10	0.12	20.0	-0.01	1.83	6.1	-0.67	0.73	80.3	-1.18	1.09	

Na Ammonium Acetate (SubTestCode 144) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	13.2			10.1			20.0			10.4			95.2			
Median Abs Dev	2.1			2.7			1.5			2.6			4.6			
Avg Within Lab SD	1.3			1.3			1.2			2.4			3.3			
Labs Included	45			44			42			44			43			
Labs Reporting	46			46			46			46			45			



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Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
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
GZDDC3	99.5		0.41	64.2		0.03	105.3		1.12	90.5		0.48	144.6		0.35
VYY6CW	124.0		1.35	73.7		1.41	122.7		0.86	116.0		1.33	157.0		1.37
Bray Extractable K (SubTestCode 145) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	111.8			68.9			114.0			103.2			150.8		
Median Abs Dev															
Avg Within Lab SD	2.0			3.3			0.7			2.6			3.2		
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	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RD8A3R	117.3		1.36	76.0		0.85	162.0		1.34	128.0		1.38	198.0		1.29
TLGXFP	108.3		0.38	85.3		1.13	186.7		0.45	120.3		0.30	201.3		0.58
K- Bicarb. (SubTestCode 146) in the Bases (1:10) Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	112.8			80.7			174.3			124.2			199.7		
Median Abs Dev															
Avg Within Lab SD	1.5			3.1			5.6			1.9			4.3		
Labs Included	2			2			2			2			2		
Labs Reporting	2			2			2			2			2		



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K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2306				SRS2307				SRS2308				SRS2309				SRS2310		
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			
4W46YJ	92.8		1.00	65.0			131.5			94.2		1.00	155.5		1.00			
K Modified Morgan (SubTestCode 147) in the Bases (1:10) Property Groups														Data units: mg/kg				
SRS2306				SRS2307				SRS2308				SRS2309				SRS2310		
Grand Median	92.8			65.0			131.5			94.2			155.5					
Median Abs Dev																		
Avg Within Lab SD	2.1			0.0			0.0			0.6			1.3					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2306				SRS2307			SRS2308			SRS2309			SRS2310		
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
4W46YJ	5,400.0		1.00	499.0		1.00	1,223.0		1.00	1,366.3		1.00	6,578.7		1.00

Ca Modified Morgan (SubTestCode 148) in the Bases (1:10) Property Groups													Data units: mg/kg		
SRS2306				SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	5,400.0			499.0			1,223.0			1,366.3			6,578.7		
Median Abs Dev															
Avg Within Lab SD	39.4			6.6			6.2			19.3			10.0		
Labs Included	1			1			1			1			1		
Labs Reporting	1			1			1			1			1		



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Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
92MQVM				20.9		1.08	4.1		1.82							
DDYJV9	1.3		1.30	24.9		0.67	6.4		0.38	1.3		1.06	1.9		1.25	
TLGXFP	1.6		1.14	33.0		1.51	10.1		0.71	1.6		0.67	2.1		1.07	
Y9AN9N	0.2		0.17	18.1		0.32	3.6		0.21	0.3		1.19	0.5		0.54	
Aluminum KCL Extr. (SubTestCode 149) in the Bases (1:10) Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median		1.32			22.9			5.24			1.27			1.86		
Median Abs Dev																
Avg Within Lab SD		0.09			0.8			0.43			0.09			0.05		
Labs Included		3			4			4			3			3		
Labs Reporting		3			4			4			3			3		



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Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	55.4	0.84	0.26	19.7	-0.85	1.09	36.2	0.02	1.19	30.9	-0.30	1.63	8.4	0.07	0.85	
8JH92G	42.0	-0.10	0.13	21.5	0.45	1.34	36.2	0.00	0.83	31.2	0.00	0.96	5.7	-1.84	0.30	
FHN6WE	35.5	-0.55	1.15	20.8	0.00	0.58	34.3	-1.49	1.56	31.0	-0.17		8.3	0.00	1.22	
UDGKQU	39.2	-0.29	0.65	23.7	2.04	1.27	38.2	1.62	0.28	33.4	2.32	0.40	6.4	-1.38	0.90	
Y9AN9N	74.2	2.16	2.02	36.3	11.16X	0.40	70.5	27.38X	2.36	58.6	28.12X	1.67	23.9	10.94X	10.27	
ZX9M74	44.8	0.10	0.27	20.8	-0.03	0.28	35.9	-0.24	0.63	31.7	0.58	0.50	8.5	0.08	1.38	

Mehlich-1, P (SubTestCode 150) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	43.4			20.8			36.2			31.2			8.33			
Median Abs Dev	6.0			0.6			0.3			0.3			0.12			
Avg Within Lab SD	1.9			0.5			0.5			0.8			0.24			
Labs Included	6			5			5			5			5			
Labs Reporting	6			6			6			6			6			



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Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	86.5	-0.27	0.85	76.9	-0.42	1.16	135.0	-0.09	1.21	105.8	-0.02	1.92	115.9	-0.03	0.07	
8JH92G	85.0	-0.45	0.26	79.3	0.01	0.26	140.5	0.49	0.23	98.6	-0.86	0.35	113.6	-0.34	0.48	
FHN6WE	85.5	-0.40	1.48	71.3	-1.39	1.40	119.3	-1.75	1.48	95.7	-1.20	0.66	113.8	-0.30	1.67	
UDGKQU	94.2	0.67	1.27	83.7	0.78	1.23	136.7	0.09	0.49	111.7	0.66	0.66	124.3	1.10	0.13	
Y9AN9N	104.8	1.98	1.17	87.5	1.44	0.99	149.2	1.41	0.20	116.9	1.27	0.54	132.9	2.25	0.75	
ZX9M74	90.9	0.27	0.17	79.2	-0.01	0.36	133.7	-0.22	1.42	106.2	0.02	1.01	116.3	0.03	1.55	

Mehlich-1, K (SubTestCode 151) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	88.7			79.3			135.8			106.0			116.1			
Median Abs Dev	3.4			3.4			3.4			6.5			2.4			
Avg Within Lab SD	2.6			1.8			4.6			2.3			2.3			
Labs Included	6			6			6			6			6			
Labs Reporting	6			6			6			6			6			



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Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
SRS2306				SRS2307			SRS2308			SRS2309			SRS2310		
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
2TREH6	4,879.3	0.00	1.98	695.1	-0.09	0.08	1,383.5	-0.10	1.61	1,777.3	0.00	1.65	4,586.8	-0.14	1.92
8JH92G	5,018.7	0.53	0.44	655.6	-0.55	0.35	1,416.8	0.10	0.13	1,623.3	-1.51	0.67	4,797.4	0.82	0.50
FHN6WE	4,632.5	-0.94	0.35	621.5	-0.95	2.07	1,200.2	-1.14	1.54	1,656.5	-1.19	1.05	4,433.3	-0.84	0.52
UDGKQU	5,334.2	1.73	0.87	710.8	0.09	0.98	1,421.6	0.12	0.68	1,803.9	0.26	0.36	4,961.3	1.57	0.42
Y9AN9N	7,610.7	10.39X	0.34	864.0	1.88	0.71	1,806.3	2.32	0.35	2,511.3	7.20X	0.07	7,262.3	12.08X	1.10
ZX9M74	4,833.7	-0.17	0.03	743.5	0.47	0.35	1,351.3	-0.28	0.66	1,819.7	0.42	0.77	4,617.7	0.00	0.79
Mehlich-1, Ca (SubTestCode 152) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
SRS2306				SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	4,879.3			702.9			1,400.2			1,777.3			4,617.7		
Median Abs Dev	139.3			43.9			35.1			42.3			179.7		
Avg Within Lab SD	112.6			12.6			46.3			44.0			55.1		
Labs Included	5			6			6			5			5		
Labs Reporting	6			6			6			6			6		



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Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	245.7	-1.05	0.98	91.5	-0.45	0.20	141.9	-0.42	0.55	335.0	-0.06	1.06	488.4	-1.00	0.62	
8JH92G	276.7	0.39	0.74	95.6	0.33	0.08	154.9	0.77	0.15	323.5	-0.52	0.78	533.6	1.32	0.49	
FHN6WE	262.8	-0.25	0.91	90.0	-0.73	1.17	125.5	-1.90	2.01	311.8	-0.98	1.52	507.8	0.00	1.47	
UDGKQU	273.7	0.25	0.68	100.8	1.31	0.80	151.2	0.43	0.72	364.3	1.12	0.53	513.4	0.29	0.39	
Y9AN9N	301.0	1.53	1.35	98.7	0.90	0.51	149.3	0.26	0.61	369.3	1.32	1.27	624.7	6.01X	1.29	
ZX9M74	256.0	-0.57	1.17	92.1	-0.33	1.92	143.5	-0.26	0.87	337.8	0.06	0.28	493.0	-0.76	1.43	

Mehlich-1, Mg (SubTestCode 153) in the Mehlich-1 Multi Element (scoop) Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	268.3			93.9			146.4			336.4			507.8			
Median Abs Dev	10.4			3.1			4.7			18.7			14.8			
Avg Within Lab SD	5.2			3.0			4.1			4.8			8.0			
Labs Included	6			6			6			6			5			
Labs Reporting	6			6			6			6			6			



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Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TREH6	22.0	0.31	0.39	40.5	-0.03	0.28	66.7	-0.61	0.13	27.4	-0.48	1.19	27.1	0.20	0.36
8JH92G	20.1	-0.31	0.19	39.9	-0.14	0.33	72.4	0.00	0.47	28.1	-0.35	1.00	23.1	-0.10	0.09
FHN6WE	19.3	-0.56	0.44	41.8	0.20	1.48	64.7	-0.83	1.60	32.2	0.29	0.75	22.5	-0.14	0.27
UDGKQU	22.0	0.32	0.38	49.4	1.55	1.22	75.7	0.36	1.26	30.3	0.00	0.36	24.4	0.00	0.26
VKDDAW	27.6	2.14	0.85	39.9	-0.15	0.37	76.8	0.48	0.51	38.5	1.31	0.21	43.6	1.43	0.32
Y9AN9N	38.1	5.57X	2.60	55.5	2.65	0.99	93.3	2.25	1.13	43.9	2.19	1.96	61.1	2.75	2.42
ZX9M74	19.8	-0.40	2.18	40.7	0.00	1.42	70.6	-0.19	1.03	29.7	-0.10	0.15	23.2	-0.09	0.88

Mehlich-1, Mn (SubTestCode 154) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	21.0			40.7			72.4			30.3			24.4		
Median Abs Dev	1.1			0.8			4.5			2.2			1.9		
Avg Within Lab SD	0.7			1.1			2.2			1.0			1.9		
Labs Included	6			7			7			7			7		
Labs Reporting	7			7			7			7			7		



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Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TREH6	0.30	-0.06	0.68	5.28	-0.15	0.98	1.45	0.00	0.97	2.60	-0.50	0.20	0.15	0.00	0.81
8JH92G	0.33	0.06	0.59	5.52	0.51	0.26	1.41	-0.23	0.06	2.44	-1.81	0.25	0.12	-0.21	0.70
FHN6WE	1.00	2.73		5.33	0.00	1.36	1.33	-0.65	2.25	2.67	0.00	2.34	1.00	6.25X	
UDGKQU	0.25	-0.25	1.26	6.23	2.51	1.16	1.62	0.89	0.87	2.67	0.00	0.85	0.04	-0.80	0.05
VKDPAW	5.13	19.24X	27.39	5.29	-0.12	0.68	1.81	1.95	0.32	2.69	0.21	0.31	0.27	0.88	0.81
Y9AN9N	0.50	0.75	0.78	5.80	1.29	0.83	1.46	0.05	0.05	2.68	0.10	0.42	0.44	2.16	1.88
ZX9M74	0.27	-0.19	1.41	5.28	-0.14	1.27	1.28	-0.94	0.36	2.40	-2.10	0.64	0.15	0.00	0.81

Mehlich-1, Zn (SubTestCode 155) in the Mehlich-1 Multi Element (scoop) Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	0.32			5.33			1.45			2.67			0.15		
Median Abs Dev	0.06			0.05			0.12			0.03			0.07		
Avg Within Lab SD	0.01			0.21			0.13			0.12			0.01		
Labs Included	6			7			7			7			6		
Labs Reporting	7			7			7			7			7		



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Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm ³		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TREH6	1.32	-0.43	0.37	1.15	-0.19	0.20	1.00	-0.42	0.28	1.29	-0.28	0.97	1.12	-0.52	0.29
2X73BN	1.42	-0.07	1.31	1.20	0.00	0.44	1.15	0.50	0.76	1.41	0.34	2.22	1.40	0.72	0.79
7JARBY	2.43	3.42	0.04	1.91	2.83	0.48	1.69	3.85	0.39	2.17	4.09	0.58	2.02	3.50	0.43
7UPEMK	1.47	0.09	0.65	1.13	-0.25	0.45	0.97	-0.64	0.60	1.28	-0.33	1.29	1.19	-0.19	1.40
8JKTWX	1.44	0.00		1.31	0.45		1.19	0.75		1.45	0.53		1.41	0.79	
DXQVYF	1.49	0.17	1.10	1.30	0.39	0.58	1.07	0.02	2.94	1.40	0.26	1.32	1.35	0.53	2.06
EAUDBF	1.55	0.39	0.97	1.36	0.63	0.23	1.10	0.17	0.89	1.44	0.45	0.73	1.37	0.59	1.14
EGUXBQ	1.45	0.03	0.00	1.20	0.01	0.20	1.07	0.01	0.28	1.34	-0.04	0.73	1.25	0.09	0.76
FHN6WE	2.44	3.47	2.58	1.88	2.73	3.44	1.81	4.55X	0.64	2.35	4.93X	2.99	2.19	4.24X	2.23
GG894F	1.28	-0.55	0.37	1.05	-0.58	0.12	0.95	-0.75	0.16	1.16	-0.89	0.37	1.10	-0.58	0.29
MMCX9F	1.40	-0.16	0.10	1.18	-0.07	0.04	1.10	0.21	0.28	1.35	0.04	0.16	1.22	-0.06	0.18
U76AX3	1.31	-0.46	0.64	1.11	-0.34	0.12	1.01	-0.38	1.05	1.25	-0.48	0.37	1.12	-0.52	1.43
UDGKQU	1.47	0.10	0.28	1.24	0.16	0.13	1.07	-0.01	0.11	1.40	0.25	0.83	1.25	0.06	0.10
YMDYUP	1.40	-0.15		1.04	-0.63		0.96	-0.67		1.24	-0.51		1.15	-0.37	
YNMYYW	1.26	-0.63	1.14	0.98	-0.86	0.05	0.90	-1.07	0.34	1.15	-0.95	0.61	1.03	-0.91	0.91

Mehlich-3, Scoop Density (SubTestCode 156) in the Mehlich-3 Multi-Element Property Groups													Data units: g/cm ³		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	1.44			1.20			1.07			1.34			1.23		
Median Abs Dev	0.05			0.10			0.07			0.08			0.12		
Avg Within Lab SD	0.02			0.05			0.04			0.02			0.02		
Labs Included	15			15			14			14			14		
Labs Reporting	15			15			15			15			15		



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Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3HNK2K	35.4	-0.76	0.38	41.8	-0.47	0.73	51.6	-0.88	0.80	32.4	-0.58	0.99	7.1	0.41	1.20
6BFYPZ	37.1	-0.30	1.81	43.3	-0.21	1.31	57.1	-0.09	0.92	32.6	-0.49	0.91	6.7	-0.27	1.01
GK8G9P	41.0	0.75		48.0	0.59		66.0	1.18		38.3	2.26	0.65	6.0	-1.58	
LKTJ82	39.4	0.33	0.43	42.0	-0.44	0.49	54.0	-0.53	1.07	32.0	-0.78	0.59	6.9	0.07	0.00
MMCX9F	41.3	0.84	0.76	56.2	2.00	0.50	65.8	1.16	0.44	35.9	1.08	0.56	6.8	-0.07	0.27
PWUER2	39.3	0.30	0.39	49.3	0.82	1.34	58.3	0.09	0.43	33.7	0.02	0.65	8.0	2.07	
W7EXCY	33.9	-1.19	0.73	45.8	0.21	0.59	64.0	0.90	1.06	33.6	-0.02	0.24	6.6	-0.54	0.54
XA8E2X	34.8	-0.93	1.46	40.7	-0.66	1.46	53.8	-0.56	1.69	34.0	0.17	2.15	7.1	0.39	1.78

Mehlich-3, P Colorimetric (SubTestCode 157) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	38.2			44.6			57.7			33.6			6.86		
Median Abs Dev	2.8			3.1			5.0			1.1			0.22		
Avg Within Lab SD	1.5			1.6			1.4			0.9			0.39		
Labs Included	8			8			8			8			8		
Labs Reporting	8			8			8			8			8		



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	47.7	0.48	0.50	72.9	0.22	0.71	73.0	-0.22	0.12	39.5	0.00	0.38	6.4	-0.44	0.07	
3B7BDN	47.0	0.34	0.40	80.0	0.94	0.42	82.7	0.84	0.56	38.7	-0.16	0.63	7.4	-0.01	0.24	
3HMK2K	48.9	0.75	0.78	67.1	-0.36	0.61	71.8	-0.35	1.00	40.3	0.17	0.47	9.2	0.84	1.50	
66C3XM	69.8	5.44X	2.77	63.0	-0.78	1.26	89.1	1.54	2.52	86.9	9.14X	2.91	62.5	24.96X	4.31	
6MPCRD	36.5	-2.01	0.20	72.2	0.14	0.12	72.5	-0.27	0.48	31.0	-1.63	0.41	5.2	-1.00	0.45	
7JARBY	45.5	-0.01	0.37	71.2	0.05	0.16	77.1	0.23	0.53	40.3	0.15	0.10	7.4	0.00	0.02	
7UPEMK	47.1	0.35	0.15	74.7	0.40	0.60	78.1	0.34	0.48	41.0	0.29	0.26	7.6	0.08	0.05	
83XH3H	47.6	0.46	0.32	84.2	1.36	1.55	87.6	1.37	0.21	47.3	1.50	0.30	6.8	-0.26	0.16	
89QDAG	46.6	0.24	0.31	75.1	0.44	0.22	77.5	0.27	0.58	38.7	-0.14	0.11	7.5	0.07	0.41	
8JH92G	42.1	-0.76	0.42	74.1	0.33	0.17	85.5	1.14	0.48	39.8	0.07	0.12	7.2	-0.07	0.17	
8JKTWX	36.9	-1.93		60.2	-1.07		66.2	-0.96		29.7	-1.89		10.9	1.60		
BV9RED	42.3	-0.71	0.23	64.0	-0.68	0.42	71.0	-0.44	0.48	38.0	-0.28	0.41	7.0	-0.17		
C8WDXE	42.0	-0.77	0.46	60.8	-1.01	1.16	65.0	-1.09	1.44	36.5	-0.57	0.67	6.6	-0.35	0.67	
CZYKPK	45.2	-0.06	0.79	71.5	0.08	1.26	73.5	-0.16	0.84	39.4	-0.01	0.30	7.9	0.24	0.91	
D9K9XR	43.9	-0.36	0.00	62.8	-0.80	0.00	71.5	-0.38		36.5	-0.57		8.3	0.43	0.00	
DDYJV9	44.5	-0.22	0.81	67.4	-0.34	1.20	73.5	-0.16	1.01	38.9	-0.11	0.69	6.9	-0.23	1.09	
DXQVYF	51.8	1.41	1.14	63.2	-0.76	2.29	68.1	-0.75	0.99	38.9	-0.11	0.22	8.9	0.69	1.64	
EAUDBF	48.3	0.63	0.77	72.1	0.14	0.97	76.5	0.16	1.22	40.3	0.17	0.54	7.2	-0.08	0.82	
EGUXBQ	45.3	-0.04	0.47	77.0	0.63	1.10	85.0	1.09	2.21	39.3	-0.03	2.61	7.7	0.13	0.91	
FHN6WE	48.2	0.60	1.24	75.2	0.45	1.38	83.5	0.93	1.74	45.3	1.13	0.52	7.8	0.20	0.45	
FLMGRE	47.4	0.42	0.21	58.8	-1.21	0.08	68.5	-0.71	0.42	43.2	0.71	0.04	8.8	0.65	0.07	
GG894F	39.3	-1.39	0.23	68.5	-0.23	1.66	74.3	-0.07	0.59	32.6	-1.32	0.13	6.9	-0.24	0.21	
GWY4EK	44.4	-0.26	1.40	64.7	-0.62	1.30	74.3	-0.07	1.75	41.4	0.37	0.34	7.6	0.11	0.36	
GZDDC3	49.6	0.92	0.57	78.9	0.82	0.62	84.8	1.06	0.81	44.5	0.96	0.60	6.6	-0.34	0.18	
H36YZ7	51.9	1.43	0.43	63.0	-0.78	0.27	35.6	-4.29X	0.21	6.7	-6.33X	0.10				
JHDB3J	45.7	0.04	0.51	63.8	-0.70	0.81	70.7	-0.47	1.04	38.8	-0.14	0.24	7.4	0.00	0.70	



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Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
KMWRFX	45.2	-0.07	0.65	69.2	-0.16	1.02	76.4	0.15	0.64	37.9	-0.31	0.37	7.8	0.19	0.17	
KZQAM8	46.4	0.21	0.99	68.6	-0.22	0.84	71.4	-0.39	0.63	41.1	0.32	0.15	8.2	0.39	0.41	
L3RWF3	45.5	0.00	0.20	59.2	-1.16	0.09	62.4	-1.38	0.48	37.6	-0.37	0.09	7.5	0.07	0.24	
LNRV32	41.3	-0.94	5.07	94.9	2.44	3.07	119.6	4.86X	4.05	63.8	4.69	4.53	28.1	9.37	1.24	
MMCX9F	46.9	0.32	0.51	63.9	-0.70	0.39	74.8	-0.02	0.32	41.1	0.31	0.04	7.8	0.17	0.19	
MR68A2	53.9	1.89	0.25	80.1	0.95	0.23	96.6	2.35	0.13	44.9	1.04	0.36	12.4	2.29	1.13	
NMANR4	98.7	11.90X	0.63	102.8	3.24X	1.09	102.1	2.95	1.42	65.2	4.97	0.96	39.3	14.46X	1.68	
PGDJC6	52.7	1.60	0.31	70.8	0.01	0.63	78.5	0.38	0.64	37.7	-0.35	2.02	4.7	-1.23	2.97	
PWUER2	46.0	0.11	0.81	84.0	1.34	1.25	77.7	0.29	1.01	40.0	0.10	1.09	9.7	1.03	3.27	
RYBHC4	51.7	1.38	0.01	72.5	0.17	0.01	77.9	0.32	0.01	39.2	-0.06	0.02	9.3	0.87	0.01	
U76AX3	45.0	-0.11	1.07	60.3	-1.05	1.04	66.0	-0.98	0.97	37.0	-0.48	0.41	7.0	-0.17		
UBUJPT	43.3	-0.48	0.23	70.7	-0.01	0.48	75.0	0.00	1.28	40.3	0.17	0.24	9.0	0.73		
VV2EEX	39.5	-1.34		77.5	0.68		77.0	0.22		40.0	0.10		4.0	-1.53		
W7EXCY	42.8	-0.61	0.45	79.6	0.89	0.14	88.4	1.46	1.12	41.0	0.30	0.39	6.1	-0.60	0.09	
XN9DPV	47.7	0.48	0.47	73.0	0.23		80.7	0.62	0.28	43.7	0.81	0.24	7.3	-0.04	0.16	
YC93UT	43.5	-0.45	0.06	66.5	-0.43	0.05	69.8	-0.56	0.08	37.7	-0.34	0.06	6.6	-0.38	0.08	
YMDYUP	51.7	1.39		86.0	1.54		78.6	0.39		44.5	0.97		7.1	-0.15		
YNMYYW	42.9	-0.57	0.70	55.4	-1.55	0.62	64.4	-1.15	0.93	37.5	-0.37	0.93	5.7	-0.78	1.75	
ZX9M74	43.6	-0.43	0.08	62.9	-0.79	0.08	72.1	-0.32	0.93	37.1	-0.45	0.64	7.2	-0.10	0.02	

Mehlich-3, P ICP-AES (SubTestCode 158) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	45.5			70.8			75.0			39.5			7.38			
Median Abs Dev	2.2			6.8			3.6			1.7			0.56			
Avg Within Lab SD	2.5			2.4			2.1			2.4			0.64			
Labs Included	43			44			43			43			42			
Labs Reporting	45			45			45			45			44			



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	188.4	1.65	1.50	113.2	1.98	0.44	198.0	1.45	0.72	183.9	2.16	0.63	279.7	2.07	0.87	
3B7BDN	162.0	0.07	0.44	110.7	1.71	1.35	186.3	0.81	0.97	139.7	-0.91	0.23	251.0	0.82	0.50	
3HMK2K	176.5	0.94	1.68	96.0	0.14	1.39	164.9	-0.36	1.58	161.2	0.58	0.31	239.2	0.30	2.62	
66C3XM	72.4	-5.29X	2.40	200.5	11.35X	3.01	163.5	-0.44	1.04	176.5	1.64	1.71	94.2	-6.02X	0.45	
6MPCRD	152.7	-0.49	0.06	85.0	-1.04	0.33	144.0	-1.50	0.10	141.2	-0.81	0.19	214.2	-0.79	0.38	
7JARBY	163.9	0.18	0.34	91.1	-0.39	0.34	167.5	-0.22	0.19	144.2	-0.60	0.40	230.2	-0.09	0.09	
7UPEMK	175.0	0.85	1.11	106.7	1.28	1.02	180.3	0.49	0.56	159.3	0.45	1.18	247.3	0.66	1.01	
83XH3H	150.0	-0.65	1.24	103.8	0.97	1.78	211.6	2.20	0.35	153.7	0.06	0.40	250.4	0.79	0.84	
89QDAG	167.7	0.41	0.38	98.3	0.38	0.40	171.0	-0.02	0.27	155.5	0.19	0.48	224.6	-0.34	0.92	
8JH92G	134.9	-1.55	0.20	92.5	-0.23	0.26	186.6	0.83	0.32	135.8	-1.18	0.10	213.6	-0.82	0.17	
8JKTWX	139.8	-1.26		98.9	0.44		187.4	0.87		132.7	-1.40		226.9	-0.24		
BV9RED	146.3	-0.87	0.13	80.0	-1.58	0.33	153.3	-0.99	0.29	140.0	-0.89	0.15	197.0	-1.54	0.33	
C8WDXE	160.8	0.00	0.88	82.3	-1.33	1.37	152.4	-1.04	1.78	151.4	-0.10	1.17	224.3	-0.35	1.78	
CZYKPK	154.6	-0.37	0.22	91.4	-0.36	1.97	161.4	-0.55	0.42	146.3	-0.46	0.09	229.7	-0.11	1.52	
D9K9XR	162.8	0.12	0.00	88.1	-0.71	0.00	168.7	-0.15	0.00	149.7	-0.22	0.00	223.3	-0.39	0.00	
DXQVYF	158.9	-0.11	0.79	99.0	0.46	0.94	164.2	-0.40	3.23	149.8	-0.21	0.46	241.9	0.42	0.76	
EAUDBF	168.0	0.43	1.15	98.7	0.42	0.51	172.0	0.03	1.20	143.0	-0.68	0.66	247.3	0.66	0.67	
EGUXBQ	162.3	0.09	1.12	115.0	2.18	1.46	234.0	3.42X	2.59	158.3	0.38	5.08	314.0	3.56	0.44	
FHN6WE	172.0	0.67	2.69	94.7	-0.01	1.35	178.0	0.36	2.59	170.0	1.19	1.45	253.2	0.91	2.17	
FLMGRE	142.6	-1.09	0.06	94.7	0.00	0.26	178.4	0.38	0.74	155.5	0.19	0.15	230.5	-0.07	0.14	
GG894F	128.3	-1.94	0.24	95.5	0.08	2.18	177.9	0.35	0.40	121.2	-2.20	0.09	197.4	-1.52	0.56	
GZDDC3	164.8	0.24	0.05	96.1	0.15	0.60	175.6	0.23	0.29	156.2	0.23	0.39	257.2	1.09	0.24	
H36YZ7	95.5	-3.90X	0.28	199.8	11.28X	0.60	143.5	-1.53	0.67	239.4	6.01X	0.61				
JHDB3J	152.3	-0.51	1.30	87.0	-0.83	0.70	161.7	-0.53	1.25	153.7	0.06	0.32	222.0	-0.45	1.33	
KMWRFX	177.3	0.99	0.21	105.6	1.17	1.00	179.3	0.43	0.14	161.5	0.60	0.45	237.9	0.25	0.31	
KZQAM8	170.1	0.56	0.51	103.5	0.94	0.91	164.0	-0.41	0.32	162.9	0.70	0.22	244.3	0.53	0.47	



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Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
L3RWF3	151.3	-0.57	0.26	90.1	-0.50	0.45	147.0	-1.34	0.51	141.3	-0.80	0.18	210.3	-0.96	0.26
LKTJ82	159.0	-0.11	0.44	90.5	-0.46	0.42	168.3	-0.17	1.28	152.0	-0.06	0.55	223.7	-0.37	0.19
LNRV32	141.8	-1.14	0.74	93.1	-0.17	0.72	200.7	1.60	0.85	135.2	-1.23	0.27	238.1	0.25	0.24
MMCX9F	177.0	0.97	0.59	90.3	-0.47	0.58	172.0	0.03	0.19	158.3	0.38	0.46	229.3	-0.13	0.26
MR68A2	132.0	-1.73	0.34	94.5	-0.02	1.01	188.2	0.92	0.52	134.5	-1.27	0.27	228.8	-0.15	0.65
NMANR4	138.1	-1.36	0.37	93.9	-0.09	0.36	187.8	0.90	0.53	131.2	-1.50	0.40	235.9	0.16	0.26
PGDJC6	170.2	0.56	0.83	93.5	-0.13	1.26	171.8	0.02	1.38	153.7	0.06	0.32	240.3	0.35	2.00
PWUER2	159.7	-0.07	0.46	102.0	0.78	0.33	159.7	-0.64	0.11	149.0	-0.27	0.80	247.0	0.64	0.73
RYBHC4	167.6	0.41	0.01	103.9	0.99	0.02	182.3	0.59	0.00	162.7	0.69	0.00	257.8	1.11	0.01
U76AX3	156.7	-0.25	2.22	92.3	-0.26	1.84	168.0	-0.19	1.46	154.3	0.10	0.72	224.3	-0.35	0.59
UBUJPT	153.3	-0.45	1.05	95.7	0.10	0.39	163.0	-0.46	0.33	155.3	0.17	0.18	228.7	-0.16	0.26
VV2EEX	146.0	-0.89		101.0	0.67		164.0	-0.41		143.0	-0.68		207.5	-1.08	
XN9DPV	170.3	0.57	1.51	104.0	1.00	1.34	198.0	1.45	0.39	165.7	0.89	0.38	244.7	0.54	1.94
YC93UT	163.1	0.14	0.11	82.8	-1.28	0.23	147.2	-1.32	0.22	151.0	-0.13	0.37	237.5	0.23	0.29
YMDYUP	196.0	2.11		110.0	1.64		176.0	0.25		158.0	0.36		269.0	1.60	
YNMYYW	164.7	0.23	0.67	92.5	-0.23	1.06	168.1	-0.18	0.40	151.4	-0.10	0.68	232.3	0.00	1.35
ZX9M74	159.3	-0.09	2.28	94.1	-0.06	0.60	194.9	1.29	0.80	175.5	1.57	0.44	213.3	-0.83	1.44

Mehlich-3, K (SubTestCode 159) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	160.8			94.7			171.4			152.8			232.3		
Median Abs Dev	9.3			4.3			8.7			8.5			10.3		
Avg Within Lab SD	4.5			3.0			5.2			6.6			6.0		
Labs Included	41			41			42			42			41		
Labs Reporting	43			43			43			43			42		



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	4,363.3	0.14	0.73	874.9	1.94	0.77	1,666.7	1.31	0.50	2,345.0	1.35	0.37	4,611.0	-1.01	0.29	
3B7BDN	4,264.0	-0.06	0.44	772.3	0.80	0.44	1,701.3	1.52	1.35	1,939.0	-0.44	0.44	5,485.7	0.29	1.11	
3HNK2K	4,671.6	0.75	0.91	683.8	-0.18	1.29	1,424.1	-0.13	1.80	2,204.5	0.73	0.51	5,500.4	0.32	1.15	
66C3XM	2,231.9	-4.09X	3.03	1,776.1	11.95X	9.64	2,180.9	4.37X	3.38	3,587.5	6.85X	1.54	1,254.9	-6.01X	1.08	
6MPCRD	4,242.7	-0.10	0.86	599.5	-1.12	0.54	1,119.0	-1.94	0.50	1,822.0	-0.96	0.08	5,050.0	-0.35	0.52	
7JARBY	4,239.9	-0.11	0.14	700.9	0.01	0.07	1,372.3	-0.44	0.30	2,007.3	-0.14	0.02	4,984.7	-0.45	0.16	
7UPEMK	4,416.3	0.24	0.14	700.0	0.00	0.56	1,460.0	0.09	0.56	2,147.7	0.48	0.89	5,410.7	0.18	0.67	
83XH3H	6,852.3	5.07X	3.43	914.3	2.38	0.89	2,479.2	6.14X	2.41	2,689.3	2.88	1.51	9,115.5	5.70X	0.57	
89QDAG	4,139.6	-0.30	0.32	743.5	0.48	0.28	1,445.6	0.00	1.15	2,073.1	0.15	0.63	4,806.4	-0.72	0.48	
8JH92G	3,352.5	-1.86	0.22	635.6	-0.72	0.13	1,505.1	0.35	0.35	1,776.4	-1.16	0.07	4,499.5	-1.17	0.30	
8JKTWX	3,738.4	-1.10		713.7	0.15		1,557.6	0.66		1,857.9	-0.80		4,783.5	-0.75		
BV9RED	4,085.0	-0.41	0.05	634.3	-0.73	0.15	1,306.0	-0.83	0.11	1,894.3	-0.64	0.07	5,512.0	0.33	0.02	
C8WDXE	3,842.3	-0.89	0.85	542.7	-1.75	0.84	1,186.0	-1.54	1.66	1,841.7	-0.87	1.07	4,475.0	-1.21	2.10	
CZYKPK	4,296.1	0.01	0.39	664.1	-0.40	1.25	1,374.1	-0.42	0.38	2,038.8	0.00	0.35	5,240.8	-0.07	1.07	
D9K9XR	4,404.6	0.22	0.00	664.8	-0.39	0.00	1,407.4	-0.23	0.00	2,049.2	0.05	0.00	5,377.5	0.13		
DXQVYF	5,786.9	2.96	3.16	752.6	0.58	1.08	1,413.5	-0.19	1.67	2,363.4	1.44	0.89	7,548.4	3.37	3.60	
EAUDBF	4,591.0	0.59	1.95	803.0	1.14	0.35	1,489.0	0.26	1.45	2,066.0	0.12	1.44	5,662.0	0.56	0.92	
EGUXBQ	4,076.7	-0.43	0.95	809.7	1.21	3.10	1,680.0	1.39	2.54	1,756.7	-1.25	4.13	5,090.0	-0.29	0.53	
FHN6WE	4,493.5	0.40	2.19	681.3	-0.21	1.52	1,450.8	0.03	2.06	2,189.8	0.67	1.75	5,427.7	0.21	1.25	
FLMGRE	4,488.4	0.39	0.15	648.7	-0.57	0.36	1,437.2	-0.05	0.43	1,984.1	-0.24	0.13	5,579.6	0.43	0.28	
GG894F	3,687.4	-1.20	0.52	632.4	-0.75	1.23	1,406.5	-0.23	0.52	1,612.9	-1.88	0.13	4,623.0	-0.99	0.29	
GZDDC3	3,514.4	-1.54	0.31	649.7	-0.56	0.60	1,410.3	-0.21	1.05	2,081.3	0.19	0.65	4,036.0	-1.87	0.13	
H36YZ7	633.1	-7.25X	0.03	1,574.1	9.70X	0.52	1,822.0	2.24	1.03	4,977.4	13.00X	0.62				
JHDB3J	4,498.3	0.41	0.40	686.3	-0.16	1.34	1,465.0	0.11	1.12	2,157.0	0.52	0.34	5,392.3	0.16	1.41	
KMWRFX	4,503.9	0.42	0.35	722.4	0.24	0.52	1,497.5	0.31	0.41	2,105.8	0.30	1.23	5,420.5	0.20	0.90	
KZQAM8	4,187.9	-0.21	0.29	670.3	-0.33	0.59	1,388.0	-0.34	0.54	1,966.7	-0.32	0.25	5,334.9	0.07	0.73	



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Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
L3RWF3	4,180.3	-0.22	0.14	714.7	0.16	0.09	1,380.7	-0.39	0.31	1,953.0	-0.38	0.14	4,831.3	-0.68	0.16
LKTJ82	4,616.7	0.64	0.06	700.3	0.00	0.79	1,442.3	-0.02	0.34	2,089.7	0.23	0.24	5,439.3	0.23	0.29
LNRV32	4,290.4	-0.01	1.27	660.3	-0.45	1.51	1,694.2	1.48	0.38	1,826.8	-0.94	0.19	5,113.6	-0.26	0.29
MR68A2	4,500.7	0.41	0.88	620.0	-0.89	0.23	1,403.7	-0.25	0.28	1,485.0	-2.45	0.13	6,646.0	2.02	0.13
NMANR4	5,369.7	2.13	0.30	782.3	0.91	0.09	1,941.7	2.95	0.13	2,325.4	1.27	0.06	6,770.3	2.21	0.08
PGDJC6	4,680.0	0.77	0.56	710.7	0.11	0.22	1,494.5	0.29	0.98	2,171.8	0.59	0.69	5,352.8	0.10	1.11
PWUER2	3,902.0	-0.78	1.58	838.0	1.53	2.16	1,345.7	-0.59	1.12	2,031.3	-0.03	1.12	4,771.3	-0.77	0.81
U76AX3	4,179.7	-0.23	1.97	681.0	-0.21	1.71	1,399.7	-0.27	1.10	2,016.0	-0.10	0.79	4,966.7	-0.48	0.22
UBUJPT	4,670.0	0.75	0.70	764.3	0.71	0.10	1,638.7	1.15	0.26	2,139.7	0.45	1.18	5,346.7	0.09	0.51
VV2EEX	3,433.0	-1.70		824.5	1.38		1,459.0	0.08		2,005.5	-0.15		5,025.0	-0.39	
XN9DPV	4,296.7	0.01	1.16	731.0	0.34	0.55	1,654.7	1.24	0.88	2,162.7	0.55	0.96	5,183.3	-0.16	1.00
YC93UT	4,112.2	-0.36	0.12	547.9	-1.69	0.21	1,230.0	-1.28	0.01	1,937.1	-0.45	0.52	4,921.0	-0.55	0.44
YMDYUP	4,870.0	1.14		714.0	0.15		1,400.0	-0.27		1,960.0	-0.35		5,580.0	0.44	
YNMYYW	4,942.8	1.29	0.54	690.4	-0.11	1.00	1,564.9	0.71	0.91	2,203.5	0.73	0.63	5,850.1	0.84	1.36
ZX9M74	4,060.2	-0.46	0.22	775.2	0.83	0.40	1,533.3	0.52	0.46	2,056.7	0.08	0.24	4,423.2	-1.29	0.41

Mehlich-3, Ca (SubTestCode 160) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	4,293.2			700.3			1,445.6			2,038.8			5,287.9		
Median Abs Dev	209.5			50.7			59.4			108.9			291.9		
Avg Within Lab SD	101.6			27.8			47.9			76.9			130.8		
Labs Included	38			39			39			39			38		
Labs Reporting	41			41			41			41			40		



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

Data units: mg/kg

WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TREH6	217.1	0.62	0.87	117.2	1.34	0.75	178.2	1.07	0.90	479.2	1.93	0.28	531.0	1.28	1.10
3B7BDN	214.0	0.46	0.20	122.0	1.81	0.36	185.0	1.54	1.24	371.3	-0.68	0.29	510.3	0.81	0.36
3HNK2K	215.4	0.53	0.87	102.6	-0.09	1.84	155.3	-0.48	1.09	413.9	0.35	0.15	466.3	-0.18	1.09
66C3XM	427.6	11.42X	3.59	362.0	25.37X	4.26	326.2	11.11X	1.18	382.7	-0.40	0.47	331.3	-3.22X	1.42
6MPCRD	208.5	0.18	0.20	98.2	-0.53	0.45	136.7	-1.74	0.05	374.5	-0.60	0.04	449.0	-0.57	0.28
7JARBY	209.2	0.21	0.26	102.8	-0.07	0.34	153.2	-0.62	0.24	388.5	-0.26	0.53	464.0	-0.23	0.32
7UPEMK	202.3	-0.14	0.82	100.2	-0.32	0.86	152.3	-0.68	0.55	414.0	0.36	0.71	482.3	0.18	0.74
83XH3H	197.1	-0.41	0.88	99.7	-0.37	0.35	181.1	1.27	0.27	376.0	-0.56	0.32	535.6	1.38	0.48
89QDAG	221.3	0.83	0.63	114.6	1.09	0.70	167.4	0.34	0.36	425.9	0.64	0.35	474.2	0.00	0.24
8JH92G	173.3	-1.63	0.37	96.0	-0.74	0.35	166.4	0.27	0.45	348.9	-1.22	0.16	436.9	-0.84	0.07
8JKTWX	173.9	-1.60		104.8	0.13		167.4	0.34		361.3	-0.92		452.5	-0.49	
BV9RED	174.0	-1.60	0.20	90.0	-1.33	0.36	137.3	-1.70	0.27	377.3	-0.53	0.11	422.0	-1.17	0.21
C8WDXE	188.4	-0.86	0.79	79.9	-2.32	1.04	129.6	-2.22	1.74	357.3	-1.02	1.17	413.9	-1.36	1.60
CZYKPK	207.3	0.12	0.43	103.5	0.00	2.22	158.1	-0.29	0.45	410.4	0.27	0.38	487.7	0.30	2.04
D9K9XR	203.2	-0.10	0.00	102.7	-0.08	0.00	163.3	0.06	0.00	393.6	-0.14	0.00	450.1	-0.54	0.00
DXQVYF	207.3	0.12	2.23	110.8	0.71	0.18	156.7	-0.38	1.90	447.6	1.17	0.99	534.9	1.37	3.08
EAUDBF	220.0	0.77	1.58	114.7	1.09	0.54	165.7	0.22	1.34	402.0	0.07	0.66	512.0	0.85	0.92
EGUXBQ	187.0	-0.93	0.61	112.0	0.83	0.36	184.0	1.47	2.64	353.0	-1.12	5.02	460.7	-0.30	0.76
FHN6WE	210.2	0.26	2.88	103.5	0.00	2.32	165.0	0.18	1.94	433.0	0.82	1.56	502.2	0.63	1.87
FLMGRE	195.7	-0.48	0.26	648.7	53.50X	3.56	162.7	0.03	0.60	399.3	0.00	0.29	487.0	0.29	0.15
GG894F	166.7	-1.97	0.28	94.8	-0.85	1.70	158.6	-0.26	0.38	323.1	-1.84	0.15	400.1	-1.67	0.50
GZDDC3	215.5	0.53	0.07	102.1	-0.14	0.35	162.4	0.00	1.02	426.7	0.66	0.31	520.3	1.04	0.39
H36YZ7	93.7	-5.72X	0.07	174.3	6.95X	0.68	363.7	13.65X	0.78	471.5	1.75	0.29			
JHDB3J	206.0	0.05	0.73	104.0	0.05	1.43	162.0	-0.02	1.56	415.0	0.38	0.68	459.3	-0.33	1.50
KMWRFX	219.7	0.75	0.62	118.7	1.49	1.04	174.4	0.81	0.53	408.0	0.21	0.44	468.4	-0.13	0.28
KZQAM8	224.2	0.98	0.50	114.6	1.08	0.24	160.8	-0.11	0.15	409.7	0.25	0.34	482.1	0.18	0.16



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Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
L3RWF3	198.7	-0.33	0.91	105.0	0.15	0.36	154.3	-0.54	0.72	387.3	-0.29	0.11	444.7	-0.66	0.32
LKTJ82	224.3	0.99	1.17	99.4	-0.40	0.56	169.3	0.47	0.41	438.0	0.94	0.50	507.7	0.75	0.51
LNRV32	192.1	-0.67	0.45	98.8	-0.46	0.84	184.6	1.51	0.40	367.9	-0.76	0.10	475.7	0.03	0.24
MR68A2	192.7	-0.63	0.13	96.9	-0.65	0.33	159.8	-0.17	0.18	301.9	-2.36	0.10	486.8	0.28	0.10
NMANR4	205.1	0.00	0.28	103.8	0.03	0.73	182.5	1.37	0.79	383.3	-0.39	0.19	528.8	1.23	0.19
PGDJC6	237.5	1.66	1.76	115.7	1.19	1.85	178.2	1.07	0.75	458.2	1.43	0.27	527.2	1.19	1.55
PWUER2	212.0	0.36	0.93	119.3	1.55	0.41	157.0	-0.36	0.54	406.3	0.17	0.72	509.3	0.79	1.60
U76AX3	199.7	-0.28	1.63	101.3	-0.21	1.96	157.0	-0.36	0.90	394.0	-0.13	0.61	446.3	-0.63	0.54
UBUJPT	194.0	-0.57	0.35	99.7	-0.38	0.41	164.7	0.16	0.21	420.3	0.51	0.11	471.0	-0.07	0.29
VV2EEX	183.5	-1.11		112.0	0.83		159.0	-0.23		370.5	-0.70		428.0	-1.04	
XN9DPV	208.7	0.18	1.65	113.0	0.93	1.07	178.3	1.08	0.90	422.3	0.56	1.09	489.7	0.35	1.12
YC93UT	194.7	-0.53	0.25	93.3	-1.01	0.38	148.2	-0.96	0.01	419.9	0.50	0.47	453.1	-0.47	0.35
YMDYUP	244.0	2.00		112.0	0.83		158.0	-0.30		391.0	-0.20		531.0	1.28	
YNMYYW	198.9	-0.32	0.85	98.3	-0.51	0.36	150.9	-0.78	0.90	387.0	-0.30	0.52	447.0	-0.61	0.99
ZX9M74	193.8	-0.58	1.16	103.8	0.03	0.42	174.5	0.83	1.76	410.6	0.27	1.40	439.4	-0.78	0.60

Mehlich-3, Mg (SubTestCode 161) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	205.1			103.5			162.4			399.3			474.2		
Median Abs Dev	10.4			6.0			7.0			22.0			27.8		
Avg Within Lab SD	4.9			2.8			5.6			14.0			12.6		
Labs Included	39			38			39			41			39		
Labs Reporting	41			41			41			41			40		



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	16.2	0.45	0.73	12.1	0.14	0.39	24.7	0.34	0.57	12.9	0.26	0.27	126.5	1.98	0.57	
3B7BDN	12.7	-0.28	0.81	11.0	-0.07	0.56	65.3	5.32X	5.30	3.7	-1.24	0.91	183.0	6.16X	1.33	
3HNK2K	14.6	0.13	1.00	11.0	-0.07	0.77	21.8	-0.02	1.15	10.6	-0.11	0.80	100.6	0.06	1.53	
66C3XM	33.6	4.09X	9.66	45.9	6.49X	2.14	44.4	2.75	1.55	40.3	4.74	2.15	21.8	-5.77X	2.25	
7JARBY	12.2	-0.38	0.14	10.1	-0.23	0.13	19.0	-0.37	0.23	9.4	-0.31	0.09	98.6	-0.09	0.22	
7UPEMK	8.7	-1.11	0.06	5.1	-1.17	0.10	15.3	-0.82	0.11	4.6	-1.09	0.20	102.5	0.20	0.70	
83XH3H	33.3	4.03	2.55	30.1	3.53	4.63	54.7	4.02	3.49	39.1	4.55	0.89	161.1	4.54	2.73	
89QDAG	16.1	0.44	0.19	13.3	0.36	0.14	22.2	0.03	0.59	12.4	0.19	0.36	100.5	0.05	0.74	
8JH92G	15.7	0.35	0.62	13.2	0.35	0.04	25.0	0.38	0.23	12.1	0.14	0.17	98.7	-0.08	0.15	
8JKTWX	11.0	-0.62		10.5	-0.17		20.8	-0.14		8.7	-0.43		96.1	-0.27		
BV9RED	15.7	0.35	0.31	12.9	0.30	0.07	21.0	-0.12	0.52	13.3	0.34	0.46	79.3	-1.51	0.38	
C8WDXE	10.5	-0.73	0.15	7.3	-0.77	0.24	15.5	-0.79	0.30	7.3	-0.65	0.18	85.3	-1.07	1.29	
CZYKPK	15.0	0.22	0.24	13.1	0.32	0.51	22.3	0.04	0.68	11.9	0.11	0.17	100.8	0.07	1.16	
D9K9XR	15.7	0.36	0.00	13.2	0.35	0.00	23.2	0.15	0.00	12.9	0.27	0.00	97.3	-0.18	0.00	
DXQVYF	16.9	0.61	1.05	14.1	0.51	0.14	22.2	0.03	0.88	13.8	0.41	1.62	100.5	0.06	1.69	
EAUDBF	15.3	0.28	1.17	11.1	-0.04	0.17	22.1	0.02	1.51	9.9	-0.22	0.74	106.0	0.46	1.40	
EGUXBQ	14.3	0.07	0.31	12.0	0.12		27.3	0.66	0.60	11.7	0.07	1.21	124.3	1.82	0.95	
FHN6WE	14.5	0.10	0.53	12.5	0.21	0.75	20.8	-0.14	0.60	12.3	0.18	1.14	110.0	0.76	1.66	
FLMGRE	12.4	-0.33	0.16	9.6	-0.33	0.23	22.5	0.07	0.27	14.3	0.49	0.11	91.7	-0.60	0.19	
GG894F	9.0	-1.05	0.12	7.0	-0.83	0.12	17.4	-0.56	0.33	5.9	-0.87	0.29	78.4	-1.58	0.27	
GZDDC3	20.2	1.30	0.58	15.5	0.78	0.64	25.9	0.49	0.55	11.8	0.09	0.18	113.2	0.99	0.16	
H36YZ7	4.2	-2.04	0.03	16.3	0.94	0.08	3.9	-2.22	0.04	89.6	12.79X	1.13				
JHDB3J	13.1	-0.19	0.74	9.3	-0.38	0.31	19.7	-0.27	0.70	9.8	-0.25	0.31	98.2	-0.12	1.65	
KMWRFX	16.0	0.42	0.36	12.4	0.20	0.48	23.6	0.20	0.35	12.0	0.12	0.44	104.4	0.34	0.72	
KZQAM8	16.1	0.45	0.06	12.9	0.28	0.27	20.9	-0.13	0.07	13.2	0.32	0.25	99.9	0.01	0.33	
LNRV32	18.9	1.02	4.08	33.4	4.14	1.15	57.0	4.30	2.59	20.2	1.46	3.61	114.1	1.06	1.36	



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Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
MR68A2	9.7	-0.90	0.32	5.3	-1.14	0.39	18.6	-0.42	0.27	5.8	-0.89	0.58	95.6	-0.31	0.34	
NMANR4	10.4	-0.76	0.02	6.3	-0.95	0.01	18.5	-0.42	0.01	7.4	-0.63	0.02	92.8	-0.51	0.11	
PWUER2	12.7	-0.26	0.34	9.8	-0.30	0.12	18.6	-0.41	0.17	9.4	-0.30	0.33	99.0	-0.06	0.21	
U76AX3	13.7	-0.07	0.81	10.3	-0.19	0.33	19.7	-0.28	0.79	10.7	-0.10	1.99	99.7	-0.01	0.14	
UBUJPT	22.0	1.67		22.7	2.13	1.63	29.3	0.91	1.30	16.7	0.88	0.91	122.7	1.69	0.58	
XN9DPV	11.7	-0.49	0.13	9.7	-0.32	0.07	22.3	0.05	0.30	9.5	-0.29	0.16	100.3	0.04	0.81	
YC93UT	9.3	-0.98	0.12	6.3	-0.95	0.17	16.8	-0.63	0.13	9.1	-0.35	0.60	92.5	-0.54	0.77	
YNMYYW	12.4	-0.34	1.10	9.5	-0.34	1.85	18.0	-0.48	1.10	7.9	-0.54	0.69	95.9	-0.29	0.93	
ZX9M74	13.3	-0.15	0.09	11.6	0.04	0.06	24.6	0.33	0.44	10.9	-0.07	0.12	96.7	-0.23	0.45	

Mehlich-3, Na (SubTestCode 162) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Grand Median	14.0			11.4			21.9			11.3			99.8		
Median Abs Dev	2.1			1.8			2.9			1.9			4.1			
Avg Within Lab SD	1.9			1.8			1.9			1.3			4.0			
Labs Included	34			34			34			34			32			
Labs Reporting	35			35			35			35			34			



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	17.6	0.30	0.84	30.3	1.00	0.83	38.7	1.10	0.34	14.7	0.39	0.30	272.7	0.92	0.45	
3B7BDN	14.7	-0.25	0.56	29.0	0.63	0.86	37.3	0.84	1.23	11.3	-0.40	0.54	272.0	0.90	0.88	
3HMK2K	18.1	0.40	1.73	25.7	-0.32	1.70	31.5	-0.30	1.60	15.5	0.57	1.73	184.9	-1.19	0.92	
66C3XM	28.5	2.37	0.49	29.1	0.65	0.21	26.1	-1.34	0.46	30.8	4.18	0.97	29.7	-4.91	0.13	
7JARBY	14.7	-0.24	0.43	26.8	0.00	0.57	34.2	0.23	0.11	12.8	-0.07	0.15	234.7	0.01	0.16	
7UPEMK	5.8	-1.92	0.12	23.3	-1.01	0.56	26.9	-1.19	0.32	2.8	-2.41	0.15	244.0	0.23	0.94	
89QDAG	18.6	0.50	0.21	30.0	0.92	0.52	36.4	0.66	0.39	15.6	0.61	0.23	220.0	-0.35	0.60	
8JH92G	13.6	-0.45	0.13	27.0	0.06	0.30	36.5	0.68	0.06	12.4	-0.16	0.13	228.9	-0.13	0.62	
8JKTWX	14.2	-0.34		25.7	-0.33		31.3	-0.34		11.1	-0.47		199.1	-0.85		
BV9RED	9.3	-1.26	0.56	16.3	-3.01	0.50	22.3	-2.06	0.34	7.0	-1.43		140.3	-2.26	0.16	
C8WDXE	14.8	-0.23	0.20	24.2	-0.75	1.32	34.6	0.31	1.29	15.1	0.49	0.59	210.8	-0.57	0.26	
D9K9XR	16.4	0.08	0.00	25.6	-0.35	0.00	33.0	0.00		13.1	0.01	0.00	193.8	-0.98	0.00	
DDYJV9	15.6	-0.07	0.81	26.1	-0.20	0.68	32.9	-0.02	0.83	12.6	-0.11	1.35	234.4	0.00	0.93	
DXQVYF	16.4	0.08	0.68	27.0	0.05	1.68	29.5	-0.68	0.77	13.1	0.01	0.34	248.0	0.33	1.01	
EAUDBF	16.4	0.09	1.49	28.0	0.34	0.99	32.3	-0.13	0.32	13.0	0.00	0.23	243.3	0.21	1.08	
EGUXBQ	16.0	0.00		29.7	0.82	0.50	38.7	1.10	1.36	13.0	-0.01	1.62	276.3	1.01	1.44	
FHN6WE	18.2	0.41	0.28	31.2	1.25	1.08	39.8	1.32	2.58	16.5	0.81	0.81	294.5	1.44	1.91	
FLMGRE	16.0	0.00	0.62	26.7	-0.04	0.09	34.5	0.30	0.28	14.2	0.26	0.18	280.5	1.11	0.19	
GG894F	12.0	-0.76	0.11	24.8	-0.59	1.25	31.9	-0.21	0.54	9.5	-0.85	0.08	197.7	-0.88	0.82	
GZDDC3	14.5	-0.29	0.90	26.2	-0.17	0.70	32.2	-0.16	0.88	11.6	-0.33	0.47	266.1	0.76	1.04	
JHDB3J	15.6	-0.07	0.79	24.9	-0.56	1.39	32.5	-0.09	1.80	12.8	-0.05	0.22	231.3	-0.07	1.75	
KMWRFX	16.3	0.07	0.29	27.4	0.17	0.22	35.2	0.42	0.66	13.8	0.17	0.23	234.5	0.00	0.45	
KZQAM8	17.9	0.37	0.62	25.8	-0.29	0.21	30.9	-0.41	0.12	13.9	0.20	0.40	229.0	-0.13	0.60	
L3RWF3	14.8	-0.23	0.20	24.5	-0.65	0.13	29.1	-0.76	0.21	12.3	-0.17	0.14	232.3	-0.05	0.39	
LNRV32	43.8	5.27	3.48	34.7	2.28	2.85	50.5	3.38	1.30	28.5	3.65	1.61	186.6	-1.15	0.93	
MR68A2	12.6	-0.65	0.08	31.1	1.23	0.76	37.9	0.95	1.06	12.4	-0.15	0.65	287.9	1.28	0.50	



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Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
NMANR4	134.1	22.41X	2.73	51.2	7.02X	2.10	82.7	9.61X	2.11	72.3	13.98X	1.08	472.8	5.72X	0.27
PWUER2	15.0	-0.19	0.98	28.7	0.54	1.31	29.7	-0.65	1.23	12.0	-0.25	0.93	198.4	-0.87	1.46
U76AX3	16.0	0.00	0.98	25.3	-0.42	1.31	32.3	-0.13	0.90	12.3	-0.17	0.54	235.0	0.01	1.01
UBUJPT	17.0	0.19		29.0	0.63		33.7	0.13	0.34	15.0	0.46		248.3	0.33	0.12
XN9DPV	17.3	0.26	0.34	30.0	0.92	0.86	40.0	1.35	1.18	14.3	0.29	0.51	265.7	0.75	1.09
YC93UT	15.4	-0.10	0.12	24.5	-0.65	0.14	32.5	-0.10	0.47	13.0	0.00	0.26	212.2	-0.53	0.35
YNMYYW	39.9	4.54	2.27	29.5	0.79	0.83	35.2	0.43	1.70	25.9	3.04	3.85	308.9	1.79	2.51
ZX9M74	14.4	-0.29	0.16	24.5	-0.66	0.55	35.6	0.51	0.25	13.4	0.09	0.22	213.7	-0.50	1.11

Mehlich-3, S (SubTestCode 163) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg				
	SRS2306		SRS2307		SRS2308		SRS2309		SRS2310	
Grand Median	16.0		26.8		33.0		13.0		234.4	
Median Abs Dev	1.3		2.2		2.2		1.1		27.4	
Avg Within Lab SD	1.0		1.2		1.7		1.1		9.7	
Labs Included	33		33		33		33		32	
Labs Reporting	34		34		34		34		34	



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Mehlich-3, Al (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TREH6	240.0	0.08	1.56	757.2	0.77	0.74	736.6	0.16	0.88	493.9	-0.01	0.65	265.5	0.35	2.03
66C3XM	755.1	8.31X	3.12	695.4	-0.03	0.60	796.8	0.67	1.13	426.6	-0.97	0.69	798.5	6.57X	12.05
7JARBY	67.3	-2.68	0.22	692.1	-0.07	0.61	711.2	-0.05	0.15	495.0	0.01	0.19	32.6	-2.36	0.17
7UPEMK	236.0	0.02	0.36	729.7	0.41	0.98	727.3	0.09	0.30	491.3	-0.04	0.61	260.3	0.29	0.78
89QDAG	131.7	-1.65	0.32	732.0	0.44	0.29	717.1	0.00	0.59	475.4	-0.27	0.45	227.6	-0.09	0.83
8JH92G	59.8	-2.80	0.27	695.0	-0.03	0.54	785.7	0.57	0.65	470.3	-0.34	0.19	17.3	-2.54	0.04
8JKTWX	112.6	-1.96		651.2	-0.59		684.3	-0.27		374.6	-1.71		53.0	-2.13	
BV9RED	235.0	0.00	0.45	641.7	-0.72	0.59	706.7	-0.09	0.14	507.7	0.19	0.09	225.0	-0.12	0.77
C8WDXE	108.2	-2.03	0.37	648.4	-0.63	1.79	664.2	-0.44	2.27	516.9	0.32	1.10	27.1	-2.43	0.16
DXQVYF	236.4	0.02	1.57	699.4	0.03	0.75	673.7	-0.36	1.09	485.3	-0.13	2.24	248.5	0.15	1.58
EAUDBF	237.7	0.04	3.28	728.3	0.40	1.06	748.3	0.26	0.84	497.3	0.04	0.60	268.7	0.39	0.39
EGUXBQ	203.3	-0.51	1.45	839.3	1.82	1.42	895.0	1.49	3.18	501.3	0.10	3.47	255.3	0.23	0.39
FLMGRE	273.1	0.61	0.01	827.7	1.67	0.37	861.0	1.20	0.49	621.9	1.82	0.20	297.7	0.73	0.17
GG894F	217.5	-0.28	0.13	677.7	-0.25	2.29	701.1	-0.13	0.33	405.8	-1.27	0.03	201.6	-0.39	0.75
GZDDC3	254.0	0.30	0.87	747.7	0.65	0.36	818.5	0.85	0.44	627.4	1.90	0.39	282.0	0.54	0.32
H36YZ7	678.2	7.08X	0.28	743.6	0.59	0.40	486.9	-1.92	0.13	38.8	-6.51X	0.63			
JHDB3J	248.0	0.21	0.51	674.7	-0.29	2.05	701.7	-0.13	0.73	503.0	0.12	0.40	244.0	0.10	0.41
KMWRFX	227.7	-0.12	0.12	674.7	-0.29	0.23	700.9	-0.14	0.53	455.2	-0.56	0.52	225.6	-0.11	0.68
KZQAM8	225.0	-0.16	0.28	652.0	-0.58	0.34	662.4	-0.46	0.64	451.4	-0.61	0.22	235.3	0.00	1.04
LN RV32	247.5	0.20	0.85	946.7	3.20X	2.07	1,047.7	2.76	0.51	662.1	2.40	0.32	187.7	-0.55	1.80
MR68A2	237.5	0.04	0.40	861.8	2.11	0.32	1,010.7	2.45	0.45	624.6	1.86	0.22	284.5	0.57	0.09
XN9DPV	247.3	0.20	0.52	701.3	0.05	0.74	792.7	0.63	0.68	508.3	0.20	0.62	257.7	0.26	1.94
YC93UT	215.2	-0.32	0.42	631.2	-0.85	0.77	638.7	-0.66	0.26	461.9	-0.46	0.35	224.9	-0.12	0.91
YMDYUP	304.0	1.10		865.0	2.15		809.0	0.77		547.0	0.75		309.0	0.86	
ZX9M74	222.5	-0.20	0.25	639.3	-0.75	0.92	679.7	-0.31	0.29	487.7	-0.10	0.72	220.3	-0.18	1.37



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Mehlich-3, AI (SubTestCode 164) in the Mehlich-3 Multi-Element Property Groups						Data units: mg/kg
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	235.0	697.4	717.1	494.5	235.3	
Median Abs Dev	13.0	45.8	53.0	23.3	30.2	
Avg Within Lab SD	11.0	17.6	21.4	27.8	6.5	
Labs Included	23	24	25	24	23	
Labs Reporting	25	25	25	25	24	



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	0.80	-0.42	0.29	6.83	0.75	0.60	1.40	-0.50	0.04	3.19	0.21	0.55	1.66	-0.45	0.48	
3B7BDN	1.13	0.26	0.31	6.80	0.72	0.29	2.63	2.19	2.15	3.07	-0.05	1.20	2.23	0.88	0.31	
3HNK2K	1.29	0.57	0.43	5.56	-0.35	0.35	1.65	0.05	0.37	3.13	0.08	0.33	2.17	0.74	0.57	
66C3XM	3.51	5.07	0.71	4.09	-1.62	0.59	3.40	3.86	0.60	3.71	1.28	0.27	5.30	7.96X	2.39	
7JARBY	1.01	0.00	0.04	5.74	-0.19	0.38	1.54	-0.20	0.02	2.94	-0.30	0.12	1.85	-0.02	0.12	
7UPEMK	0.87	-0.28	0.06	6.23	0.23	0.45	1.53	-0.21	0.53	3.03	-0.12	0.34	1.73	-0.28	0.06	
83XH3H	0.80	-0.41	0.31	5.97	0.00	0.00	1.60	-0.05	0.21	3.17	0.16	0.00	2.27	0.96	0.00	
89QDAG	1.35	0.69	0.10	6.09	0.11	0.19	1.73	0.22	0.09	3.21	0.24	0.27	1.96	0.24	0.08	
8JH92G	0.94	-0.14	0.08	5.90	-0.06	0.11	1.70	0.17	0.04	2.76	-0.68	0.37	1.83	-0.06	0.33	
8JKTWX	0.72	-0.57		6.53	0.49		1.48	-0.31		2.48	-1.26		1.72	-0.31		
BV9RED	0.99	-0.04	0.08	5.20	-0.66	0.13	1.49	-0.30	0.04	2.76	-0.68	0.15	1.60	-0.59	0.08	
C8WDXE	0.56	-0.90	0.26	4.48	-1.28	0.50	0.78	-1.84	0.00	2.23	-1.77	0.70	1.16	-1.60	0.26	
CZYKPK	0.94	-0.13	0.11	5.83	-0.12	0.74	1.44	-0.41	0.04	2.95	-0.29	0.28	1.70	-0.34	0.21	
D9K9XR	1.08	0.15	0.00	5.48	-0.42	0.00	1.63	0.00	0.00	2.91	-0.37	0.00	1.80	-0.13	0.00	
DXQVYF	0.99	-0.04	0.31	6.44	0.41	1.99	1.60	-0.07	0.76	3.09	0.00	1.87	1.85	0.00	0.67	
EAUDBF	1.07	0.14	0.55	6.04	0.06	0.49	1.59	-0.09	0.23	2.94	-0.31	0.70	1.97	0.27	1.01	
EGUXBQ	1.43	0.86	0.31	7.53	1.35	0.17	2.33	1.54	0.74	3.63	1.12	3.29	2.73	2.03	1.70	
FHN6WE	1.70	1.40	1.24	6.43	0.40	1.09	2.17	1.17	0.52	4.60	3.10	2.76	2.87	2.34	1.22	
FLMGRE	3.32	4.69	0.31	10.27	3.72	0.50	5.03	7.40X	2.64	5.53	5.02X	0.22	4.34	5.74X	0.19	
GG894F	0.84	-0.34	0.24	5.67	-0.26	0.85	1.56	-0.15	0.08	2.42	-1.38	0.20	1.52	-0.76	0.21	
GZDDC3	0.94	-0.14	0.30	5.78	-0.16	0.06	1.49	-0.30	0.37	3.12	0.07	0.37	1.98	0.30	0.34	
H36YZ7	5.45	8.99X	0.33	1.46	-3.89	0.07	2.54	1.99	0.21	1.69	-2.87	0.03				
JHDB3J	1.57	1.14	5.24	7.50	1.32	4.45	2.99	2.96	4.37	3.12	0.07	1.84	2.22	0.85	4.26	
KMWRFX	0.98	-0.05	0.19	5.86	-0.09	0.07	1.63	0.01	0.21	2.96	-0.26	0.24	1.83	-0.04	0.26	
KZQAM8	1.37	0.73	0.08	5.82	-0.13	0.05	1.59	-0.08	0.23	3.24	0.31	0.04	2.05	0.45	0.19	
L3RWF3	0.94	-0.14	0.14	5.03	-0.81	0.61	1.44	-0.41	0.04	2.66	-0.88	0.24	1.67	-0.42	0.14	



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Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
LNRV32	1.75	1.50	1.18	16.34	8.95X	2.08	2.46	1.82	2.22	4.56	3.02	0.86	3.38	3.53	1.94
MR68A2	0.83	-0.35	0.10	6.43	0.40	0.17	1.93	0.65	0.20	2.94	-0.31	0.32	2.19	0.78	0.32
NMANR4	1.06	0.11	0.16	6.76	0.68	0.06	1.66	0.06	0.05	3.01	-0.16	0.17	1.80	-0.13	0.13
PGDJC6	0.93	-0.15	0.68	6.45	0.42	2.05	1.48	-0.31	0.63	3.18	0.19	1.48	1.80	-0.12	0.95
PWUER2	1.31	0.62	0.16	5.92	-0.04	0.23	1.70	0.15	0.33	3.19	0.20	0.97	2.30	1.03	0.83
U76AX3	1.07	0.12	0.83	5.97	0.00	0.84	1.60	-0.06	0.62	3.07	-0.05	0.88	1.80	-0.12	0.92
UBUJPT	1.00	-0.01		6.30	0.29	0.00	1.80	0.38	0.00	3.30	0.43	0.00	1.90	0.11	0.00
XN9DPV	1.01	0.00	0.11	6.15	0.16	0.84	1.69	0.13	0.15	3.29	0.42	0.35	1.99	0.32	0.35
YC93UT	1.05	0.09	0.05	5.82	-0.12	0.12	1.47	-0.33	0.05	3.22	0.26	0.37	1.76	-0.21	0.09
YMDYUP	1.70	1.40		9.19	2.78		1.90	0.59		3.90	1.67		2.50	1.49	
YNMYYW	1.52	1.04	0.68	5.66	-0.26	0.40	1.74	0.24	1.68	3.26	0.36	0.50	2.43	1.34	0.81
ZX9M74	0.88	-0.25	0.11	5.73	-0.20	0.60	1.09	-1.17	0.10	3.06	-0.06	0.86	1.70	-0.35	0.81

Mehlich-3, Zn (SubTestCode 165) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	1.01			5.97			1.63			3.09			1.85		
Median Abs Dev	0.14			0.41			0.14			0.15			0.15		
Avg Within Lab SD	0.18			0.34			0.28			0.17			0.19		
Labs Included	37			37			37			37			35		
Labs Reporting	38			38			38			38			37		



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	131.0	0.45	1.65	51.3	1.31	0.99	87.4	0.21	0.74	111.4	-0.10	1.43	90.4	0.28	0.38	
3B7BDN	112.7	-0.59	1.99	40.0	-0.98	0.72	80.0	-0.47	0.35	124.3	0.44	1.10	101.7	1.01	1.64	
3HNK2K	123.1	0.00	1.47	48.1	0.66	0.96	84.9	-0.01	0.82	102.7	-0.47	0.57	85.1	-0.07	2.66	
66C3XM	65.4	-3.27X	1.15	76.4	6.38X	5.01	106.0	1.94	2.40	86.6	-1.14	0.97	36.9	-3.20X	0.79	
7JARBY	133.4	0.58	0.28	42.3	-0.51	0.24	83.9	-0.11	0.35	122.6	0.37	0.24	88.2	0.13	0.15	
7UPEMK	115.3	-0.44	0.36	47.2	0.48	0.86	85.1	0.00	0.33	114.0	0.01	0.62	86.4	0.02	0.65	
83XH3H	171.2	2.72	1.50	53.8	1.82	0.90	135.0	4.62X	2.14	210.0	4.04X	1.17	145.5	3.86X	1.01	
89QDAG	128.2	0.29	0.73	45.1	0.05	1.69	85.7	0.06	0.99	115.3	0.06	0.52	80.3	-0.38	0.67	
8JH92G	98.6	-1.39	0.12	42.1	-0.56	0.31	86.3	0.11	0.16	105.9	-0.33	0.31	78.9	-0.47	0.43	
8JKTWX	101.0	-1.25		48.9	0.83		92.2	0.65		85.2	-1.20		65.7	-1.33		
BV9RED	103.7	-1.10	0.14	34.9	-2.01	0.07	70.3	-1.37	0.09	104.0	-0.41		71.8	-0.93	0.18	
C8WDXE	104.9	-1.03	0.55	35.7	-1.84	1.02	67.6	-1.63	1.54	92.8	-0.88	0.93	67.6	-1.20	1.38	
CZYKPK	118.7	-0.25	0.41	44.8	0.00	1.66	78.9	-0.57	0.46	103.8	-0.42	0.12	77.7	-0.55	0.87	
D9K9XR	103.1	-1.14	0.00	42.5	-0.47		79.6	-0.51	0.00	88.9	-1.05	0.00	68.1	-1.17	0.00	
DXQVYF	109.1	-0.80	0.90	45.3	0.09	0.40	74.8	-0.95	2.02	94.6	-0.81	0.41	75.7	-0.68	0.06	
EAUDBF	126.3	0.18	1.66	51.0	1.24	1.31	87.6	0.23	1.31	116.0	0.09	0.59	94.1	0.52	0.83	
EGUXBQ	124.0	0.05	0.41	52.7	1.58	0.41	99.7	1.35	2.94	119.7	0.25	4.41	98.7	0.82	0.23	
FHN6WE	133.3	0.58	2.27	43.5	-0.27	1.80	90.7	0.52	1.59	140.3	1.11	0.67	100.3	0.92	1.98	
FLMGRE	115.5	-0.43	0.19	46.3	0.30	0.35	80.4	-0.43	0.19	100.8	-0.55	0.08	85.6	-0.03	0.10	
GG894F	98.5	-1.40	0.29	41.7	-0.62	1.84	82.9	-0.20	0.66	97.1	-0.70	0.09	73.0	-0.85	0.67	
GZDDC3	144.1	1.19	0.97	42.3	-0.50	0.77	92.9	0.72	0.23	153.7	1.68	1.64	108.7	1.47	0.82	
H36YZ7	46.1	-4.37X	0.06	82.1	7.52X	0.72	47.5	-3.48X	0.73	53.5	-2.54	0.16				
JHDB3J	124.7	0.09	0.36	45.7	0.17	1.09	84.4	-0.06	1.04	108.7	-0.22	1.24	80.9	-0.34	1.72	
KMWRFX	124.4	0.07	0.88	43.7	-0.23	1.21	86.0	0.08	0.11	115.5	0.07	0.57	85.9	-0.01	0.86	
KZQAM8	124.5	0.08	0.99	48.9	0.83	1.04	82.9	-0.21	0.33	119.1	0.22	0.41	90.7	0.30	0.47	
L3RWF3	110.3	-0.73	0.59	43.0	-0.37	0.72	64.7	-1.89	0.54	89.0	-1.04	0.17	80.3	-0.38	0.60	



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Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
LNRV32	139.0	0.90	1.19	43.1	-0.35	0.34	101.4	1.51	0.36	142.6	1.21	0.05	113.5	1.78	0.30
MR68A2	113.9	-0.52	0.45	45.3	0.10	0.36	103.2	1.68	0.40	151.1	1.56	0.14	106.3	1.31	0.53
NMANR4	135.4	0.70	0.69	47.1	0.47	0.36	103.1	1.67	0.38	153.2	1.66	0.14	99.6	0.88	0.73
PGDJC6	129.7	0.37	0.95	45.0	0.03	0.72	83.7	-0.13	0.54	113.7	-0.01	0.55	86.3	0.01	1.77
U76AX3	109.0	-0.80	1.86	44.3	-0.10	1.81	72.0	-1.21	1.05	88.7	-1.06	0.55	70.0	-1.05	1.04
UBUJPT	118.3	-0.27	0.27	43.3	-0.30	0.41	85.3	0.02	0.20	122.0	0.34	0.30	90.7	0.30	0.60
XN9DPV	126.7	0.20	0.82	47.3	0.50	0.41	96.0	1.01	0.70	123.7	0.41	0.52	88.7	0.17	0.91
YC93UT	117.0	-0.35	0.17	39.7	-1.04	0.51	77.7	-0.69	0.12	111.9	-0.08	0.25	78.9	-0.47	0.71
YMDYUP	166.0	2.43		53.8	1.81		97.2	1.12		145.0	1.31		116.0	1.94	
YNMYYW	127.4	0.24	0.53	39.5	-1.07	1.30	82.3	-0.26	0.58	121.3	0.32	0.69	96.6	0.68	0.81
ZX9M74	123.1	0.00	0.99	44.3	-0.11	1.09	85.1	0.00	0.61	117.6	0.16	0.15	78.5	-0.49	0.87

Mehlich-3, Mn (SubTestCode 166) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	123.1			44.8			85.1			113.8			86.1		
Median Abs Dev	9.2			2.5			5.5			10.3			8.2		
Avg Within Lab SD	4.3			1.4			2.9			5.8			2.5		
Labs Included	35			35			35			36			34		
Labs Reporting	37			37			37			37			36		



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TREH6	53.9	-0.52	0.23	340.1	0.02	0.87	338.0	-0.34	0.16	184.5	-0.24	0.61	89.5	-0.55	0.02
3B7BDN	68.7	0.43	0.97	375.7	0.66	0.87	407.7	0.61	1.00	205.0	0.31	1.09	134.7	1.21	1.39
3HNK2K	63.6	0.11	1.86	359.0	0.36	0.82	385.6	0.31	0.86	200.6	0.19	0.53	122.8	0.75	2.21
66C3XM	208.0	9.45X	3.77	257.1	-1.48	1.65	177.2	-2.52	0.25	220.5	0.73	1.18	132.8	1.14	1.00
7JARBY	62.5	0.04	0.57	357.8	0.34	0.41	390.9	0.38	0.12	192.5	-0.02	0.14	104.0	0.01	0.28
7UPEMK	48.5	-0.87	0.36	350.7	0.21	0.58	370.3	0.10	0.16	182.7	-0.29	0.58	95.7	-0.31	0.28
83XH3H	90.5	1.85	1.96	552.2	3.83X	1.24	648.3	3.87X	3.52	388.5	5.23X	1.76	191.5	3.43X	1.33
89QDAG	59.8	-0.14	0.94	338.0	-0.02	0.11	342.6	-0.28	0.33	185.6	-0.21	0.63	99.4	-0.17	0.63
8JH92G	58.1	-0.25	0.62	338.3	-0.02	0.33	408.6	0.62	0.82	198.6	0.14	0.40	102.5	-0.05	0.26
8JKTWX	38.7	-1.51		348.1	0.16		363.9	0.01		145.7	-1.28		80.2	-0.91	
BV9RED	50.7	-0.73	0.27	312.7	-0.48	0.23	357.7	-0.07	0.26	187.7	-0.15	0.31	89.3	-0.56	0.16
C8WDXE	61.9	-0.01	0.82	280.0	-1.07	1.30	316.2	-0.64	2.35	177.5	-0.43	1.35	95.6	-0.32	1.39
CZYKPK	50.9	-0.71	0.25	328.2	-0.20	1.17	340.2	-0.31	0.38	172.8	-0.55	0.05	89.2	-0.57	0.36
D9K9XR	68.9	0.45	0.00	306.6	-0.59	0.00	358.0	-0.07		178.6	-0.40	0.00	107.8	0.16	0.00
DXQVYF	52.1	-0.64	1.32	350.3	0.20	2.45	351.5	-0.16	1.92	182.4	-0.30	1.39	102.1	-0.06	1.97
EAUDBF	64.7	0.17	0.91	362.0	0.41	0.57	398.3	0.48	1.38	203.3	0.27	0.68	120.3	0.65	0.85
EGUXBQ	73.7	0.76	0.71	398.0	1.06	0.42	435.7	0.99	2.30	216.3	0.62	4.08	125.7	0.86	0.16
FHN6WE	70.5	0.55	1.63	360.3	0.38	1.04	421.7	0.80	1.42	233.3	1.07	0.68	121.3	0.69	0.58
FLMGRE	84.3	1.44	0.31	327.1	-0.22	0.20	327.7	-0.48	0.05	234.7	1.11	0.14	144.2	1.58	0.14
GG894F	57.9	-0.26	0.56	337.5	-0.03	1.91	374.5	0.16	0.64	161.0	-0.87	0.03	89.8	-0.54	0.80
GZDDC3	74.2	0.79	2.10	418.6	1.43	0.83	436.3	1.00	2.14	247.5	1.45	1.97	135.1	1.23	2.33
H36YZ7	209.4	9.54X	1.99	239.7	-1.79	0.80	158.0	-2.78	0.27	99.8	-2.51	0.06			
JHDB3J	63.0	0.07	0.28	324.3	-0.27	1.17	363.3	0.00	1.31	196.3	0.08	0.93	103.7	0.00	1.05
KMWRFX	56.2	-0.38	0.80	329.6	-0.17	0.78	354.0	-0.12	0.29	186.7	-0.18	0.71	101.1	-0.10	0.25
KZQAM8	51.3	-0.69	0.62	315.4	-0.43	0.30	322.9	-0.54	0.27	179.7	-0.37	0.19	95.0	-0.34	0.57
L3RWF3	62.0	0.00	0.12	304.7	-0.62	0.50	317.7	-0.62	0.39	189.7	-0.10	0.14	115.3	0.46	0.16



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Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
LNRV32	93.2	2.02	1.71	453.0	2.05	1.58	521.0	2.14	0.89	268.5	2.02	0.80	172.2	2.68	2.05
MR68A2	77.6	1.01	0.54	424.4	1.53	0.59	480.5	1.60	0.42	263.9	1.89	0.25	143.0	1.54	0.03
NMANR4	103.0	2.65	0.13	505.0	2.99	0.31	537.1	2.36	0.16	296.8	2.77	0.26	159.9	2.20	0.77
PGDJC6	57.7	-0.28	0.71	324.3	-0.27	1.24	353.0	-0.14	0.72	189.0	-0.12	0.49	100.3	-0.13	1.37
U76AX3	49.0	-0.84	1.87	269.0	-1.26	1.27	291.0	-0.98	0.95	158.7	-0.93	0.75	83.0	-0.81	0.96
UBUJPT	62.0	0.00	0.47	358.7	0.35	0.14	387.3	0.33	0.33	217.3	0.64	0.26	110.7	0.27	0.16
XN9DPV	62.7	0.05	1.43	374.0	0.63	0.51	398.3	0.48	0.51	206.0	0.34	0.77	108.0	0.17	0.73
YC93UT	54.5	-0.49	0.15	343.0	0.07	0.30	361.1	-0.03	0.24	194.2	0.02	0.13	94.7	-0.35	0.35
YMDYUP	86.0	1.56		456.0	2.10		471.0	1.47		243.0	1.33		142.0	1.50	
YNMYYW	49.7	-0.80	0.91	326.3	-0.23	1.12	362.6	0.00	0.84	197.2	0.10	0.87	96.4	-0.28	0.81
ZX9M74	53.4	-0.55	0.41	327.5	-0.21	1.65	333.9	-0.39	1.03	183.4	-0.27	0.33	91.2	-0.49	1.02

Mehlich-3, Fe (SubTestCode 167) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	62.0			339.2			363.0			193.4			103.7		
Median Abs Dev	8.5			20.5			32.2			13.2			13.9		
Avg Within Lab SD	2.1			11.0			9.7			8.1			3.6		
Labs Included	35			36			36			36			35		
Labs Reporting	37			37			37			37			36		



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TREH6	1.14	0.38	0.54	1.44	0.31	0.40	1.32	0.30	0.78	1.45	0.41	0.33	2.11	0.54	0.11
3B7BDN	1.10	0.05	0.00	1.50	0.53		1.40	0.63	2.82	1.33	-0.19	0.54	2.37	1.42	1.30
3HNK2K	1.13	0.30	0.51	1.35	0.01	0.35	1.10	-0.58	0.61	1.40	0.15	0.22	2.07	0.39	1.55
66C3XM	1.41	2.40	4.90	5.28	13.78X	2.51	2.13	3.59X	2.44	1.49	0.58	0.60	1.45	-1.72	0.75
7JARBY	1.18	0.67	0.97	1.32	-0.09	0.24	1.27	0.11	0.78	1.30	-0.36	0.16	1.97	0.07	0.43
7UPEMK	1.09	0.00	0.18	1.42	0.25	0.46	1.23	-0.04	0.16	1.39	0.09	0.57	2.02	0.23	0.34
83XH3H	1.17	0.56	0.51	1.50	0.53		1.40	0.63	0.00	1.63	1.31	0.54	2.60	2.23	0.00
89QDAG	0.99	-0.79	0.31	1.16	-0.65	0.22	1.06	-0.76	0.31	1.12	-1.28	0.14	1.64	-1.07	0.47
8JH92G	0.95	-1.10	0.13	1.35	-0.01	0.20	1.35	0.44	0.21	1.28	-0.48	0.11	1.89	-0.21	0.26
8JKTWX	1.01	-0.65		1.48	0.46		1.48	0.96		1.27	-0.49		1.95	0.00	
BV9RED	1.10	0.05	0.09	1.33	-0.07	0.28	1.24	0.00	0.29	2.07	3.49X	0.20	1.88	-0.24	0.17
C8WDXE	0.42	-5.18X	0.30	0.45	-3.16	0.06	0.30	-3.83X	0.29	0.54	-4.18X	0.43	1.00	-3.27X	1.13
CZYKPK	1.13	0.29	0.66	1.34	-0.04	0.58	1.28	0.17	1.40	1.47	0.52	1.08	2.05	0.33	1.76
D9K9XR	1.17	0.57	0.00	1.29	-0.21	0.00	1.27	0.10	0.00	1.37	0.00	0.00	1.80	-0.54	0.00
DXQVYF	1.06	-0.23	0.74	1.34	-0.03	1.10	1.15	-0.39	1.90	1.33	-0.19	0.70	1.91	-0.15	1.22
EAUDBF	1.20	0.85	0.45	1.49	0.50	0.36	1.32	0.30	0.29	1.48	0.54	0.52	2.13	0.62	1.43
EGUXBQ	1.07	-0.20	0.51	1.63	1.00	0.60	1.47	0.90	0.81	1.27	-0.53	2.17	2.03	0.28	0.65
FHN6WE	1.21	0.92	1.12	1.44	0.33	0.61	1.35	0.45	1.35	1.57	1.01	0.46	2.21	0.90	1.34
FLMGRE	1.09	-0.05	0.14	0.83	-1.80	0.16	0.56	-2.75	0.16	1.43	0.29	0.16	2.11	0.54	0.23
GG894F	0.89	-1.56	0.15	1.31	-0.15	0.90	1.21	-0.13	0.49	1.12	-1.28	0.29	1.61	-1.17	0.34
GZDDC3	1.22	0.97	1.01	1.75	1.42	0.40	1.55	1.24	1.47	1.63	1.28	0.52	2.22	0.93	0.91
H36YZ7	0.36	-5.67X	0.47	0.28	-3.76	0.30	0.96	-1.15	0.47	1.62	1.25	0.21			
JHDB3J	1.08	-0.08	1.04	1.22	-0.46	1.77	1.31	0.28	1.13	1.40	0.16	0.69	1.80	-0.53	1.56
KMWRFX	1.08	-0.13	0.13	1.30	-0.17	0.12	1.19	-0.21	0.13	1.26	-0.56	0.43	1.78	-0.58	0.07
KZQAM8	1.00	-0.69	0.08	1.15	-0.68	0.16	0.96	-1.13	0.22	1.19	-0.92	0.12	1.90	-0.20	0.38
L3RWF3	1.23	1.02	0.22	1.30	-0.18	0.16	0.82	-1.71	0.37	1.45	0.37	0.20	2.10	0.49	0.17



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Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
LNRV32	1.17	0.58	0.75	1.73	1.34	1.51	0.63	-2.48	2.86	0.81	-2.82	4.72	2.18	0.79	3.30
MR68A2	0.84	-1.91	0.06	1.50	0.51	0.35	1.05	-0.78	0.60	1.19	-0.92	0.15	1.88	-0.26	0.34
NMANR4	1.04	-0.44	0.22	1.37	0.09	0.21	1.32	0.30	0.44	1.35	-0.11	0.14	2.11	0.54	0.15
PGDJC6	1.08	-0.13	0.40	1.22	-0.44	0.59	1.09	-0.63	0.64	1.30	-0.34	0.44	1.85	-0.37	1.50
U76AX3	1.00	-0.72		1.17	-0.64	0.60	1.03	-0.85	0.81	1.23	-0.70	0.54	1.70	-0.87	0.00
UBUJPT	1.10	0.05	0.00	1.50	0.53		1.20	-0.18	0.00	1.57	0.98	0.54	1.73	-0.76	0.65
XN9DPV	1.17	0.61	0.33	1.42	0.24	0.47	1.39	0.58	0.29	1.51	0.69	0.19	2.25	1.02	0.85
YC93UT	1.09	-0.05	0.07	1.48	0.47	0.53	1.31	0.27	0.31	1.52	0.77	0.06	1.92	-0.12	0.45
YMDYUP	1.30	1.59		1.75	1.41		1.30	0.23		1.50	0.64		2.40	1.54	
YNMYYW	0.77	-2.45	0.04	0.95	-1.41	0.07	0.84	-1.63	0.71	1.13	-1.19	0.46	1.60	-1.22	0.71
ZX9M74	1.02	-0.54	0.50	1.46	0.38	4.46	1.16	-0.32	0.67	1.33	-0.19	0.48	1.74	-0.73	0.41

Mehlich-3, Cu (SubTestCode 168) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	1.09			1.35			1.24			1.37			1.95		
Median Abs Dev	0.07			0.13			0.11			0.11			0.16		
Avg Within Lab SD	0.11			0.10			0.07			0.11			0.09		
Labs Included	35			36			35			35			35		
Labs Reporting	37			37			37			37			36		



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TREH6	0.96	0.71	0.43	0.34	-0.04	0.06	0.38	0.01	0.41	0.64	0.14	0.04	0.97	0.95	0.55
3B7BDN	0.73	-0.41	0.89	1.57	2.66	0.59	2.07	3.30	1.19	1.80	3.87X	0.65	0.77	0.00	0.49
3HMK2K	0.70	-0.59	2.27	0.45	0.20	0.65	0.48	0.20	1.91	0.58	-0.03	0.26	0.67	-0.49	0.82
66C3XM	0.75	-0.31	1.44	0.80	0.97	0.43	0.63	0.49	1.26	0.81	0.68	0.32	0.56	-0.99	0.25
7JARBY	0.92	0.51	0.25	0.13	-0.49	0.05	0.14	-0.46	0.10	0.48	-0.36	0.02	0.77	0.03	0.12
7UPEMK	0.85	0.16	0.21	0.05	-0.66	0.01	0.05	-0.64	0.49	0.43	-0.54	0.16	0.76	-0.03	0.09
89QDAG	0.89	0.36	0.15	0.34	-0.04	0.11	0.35	-0.05	0.21	0.65	0.18	0.06	0.86	0.45	0.13
8JH92G	0.57	-1.22	0.32	0.07	-0.64	0.09	0.10	-0.55	0.06	0.31	-0.91	0.05	0.58	-0.91	0.04
8JKTWX	0.90	0.42		0.37	0.03		0.37	-0.01		0.54	-0.17		0.77	0.00	
BV9RED	0.47	-1.74	0.24	0.75	0.86	0.10	0.89	1.00	0.21	0.64	0.14	0.09	79.33	374.67X	12.86
C8WDXE	0.92	0.51		0.17	-0.41	0.10	0.16	-0.43	0.12	0.53	-0.20	0.28	0.78	0.06	0.47
CZYKPK	0.75	-0.32	0.73	0.64	0.61	0.17	0.56	0.37	0.81	0.68	0.27	0.35	0.69	-0.38	0.33
D9K9XR	0.86	0.20	0.00	0.30	-0.12	0.00	0.34	-0.08	0.00	0.55	-0.13	0.00	0.76	-0.03	0.00
DXQVYF	0.50	-1.57	1.55	0.30	-0.12	1.02	0.30	-0.15	2.05	0.37	-0.73	0.36	0.50	-1.27	0.84
EAUDBF	0.68	-0.70	0.50	0.09	-0.59	0.31	0.07	-0.59	0.78	0.39	-0.67	0.22	0.68	-0.40	0.51
EGUXBQ	1.70	4.39X	0.00	1.50	2.51		1.53	2.26	1.19	1.63	3.34	0.71	1.87	5.24X	0.49
FHN6WE	0.85	0.18	1.10	0.18	-0.39	0.10	0.17	-0.40	0.12	0.58	-0.04	0.31	0.90	0.65	0.35
FLMGRE	1.13	1.56	0.76	0.69	0.74	0.96	0.70	0.63	2.20	1.26	2.13	4.42	1.29	2.51	2.36
GG894F	0.46	-1.75	0.78	1.99	3.59	1.57	2.28	3.73	1.54	0.86	0.85	0.53	1.00	1.13	0.86
GZDDC3	215.47	066.28X	4.98	102.07	223.27X	10.11	155.20	302.75X	218.03	431.57	387.54X	25.45	511.30	434.63X	27.37
KMWRFX	0.85	0.18	0.31	0.38	0.05	0.08	0.40	0.04	0.07	0.62	0.08	0.08	0.83	0.29	0.08
KZQAM8	0.83	0.08	0.35	0.34	-0.03	0.13	0.35	-0.06	0.44	0.61	0.03	0.09	0.82	0.27	0.10
L3RWF3	0.86	0.22	0.31	0.44	0.19	0.21	0.47	0.18	0.54	0.66	0.20	0.07	0.88	0.55	0.05
LNRV32	0.62	-0.99	1.50	2.55	4.82X	2.66	2.85	4.83X	3.22	1.50	2.92	1.08	1.44	3.20	2.53
MR68A2	0.55	-1.34	0.10	0.12	-0.51	0.60	0.16	-0.43	0.42	0.36	-0.75	0.09	0.67	-0.47	0.25
U76AX3	0.97	0.75	0.89	0.47	0.24	0.59	0.50	0.24		0.73	0.45	0.36	0.90	0.63	0.00



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Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
UBUJPT	0.80	-0.08	0.00	1.20	1.85	0.00	1.40	2.00	0.00	1.00	1.30		0.90	0.63	0.00	
YC93UT	0.63	-0.92	0.07	0.32	-0.08	0.08	0.37	-0.01	0.13	0.51	-0.27	0.02	0.57	-0.93	0.11	
YNMYYW	1.00	0.93	2.91	0.44	0.18	4.43	0.08	-0.58	2.01	0.20	-1.28	1.92	0.58	-0.91	3.24	
ZX9M74	0.78	-0.17	0.32	0.32	-0.07	0.16	0.38	0.01	0.16	0.57	-0.09	0.13	0.76	-0.03	0.08	
Mehlich-3, B (SubTestCode 169) in the Mehlich-3 Multi-Element Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	0.82			0.36			0.38			0.59			0.77			
Median Abs Dev	0.10			0.18			0.21			0.10			0.10			
Avg Within Lab SD	0.06			0.10			0.05			0.16			0.12			
Labs Included	28			28			28			28			27			
Labs Reporting	30			30			30			30			30			



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2N2H2L	0.22	-0.14	1.01	3.10	-1.89	2.80	0.72	-1.03	0.19	1.11	-0.70	0.28	0.36	-0.78	1.30	
3KGD4	0.26	0.30	0.23	4.77	-0.21	0.19	0.84	-0.32	0.16	1.26	0.09	0.10	0.53	0.71	0.23	
3WQD73	0.22	-0.19	0.30	5.52	0.53	0.48	1.00	0.70	0.37	1.30	0.33	0.05	0.43	-0.16	0.32	
4RCUPL	0.19	-0.55	0.79	5.44	0.45	0.58	1.14	1.58	0.63	1.36	0.63	0.21	0.50	0.50	1.87	
64ZF9L	0.22	-0.14	0.48	4.90	-0.09	0.96	1.00	0.72	1.56	1.20	-0.21	0.00	0.43	-0.18	0.26	
66C3XM	1.85	22.12X	1.76	2.09	-2.90	0.41	1.80	5.78X	1.15	1.77	2.79	0.84	2.25	16.34X	3.82	
68GNWK	0.23	-0.09	0.18	5.17	0.18	1.31	0.97	0.55	0.50	1.28	0.21	0.52	0.42	-0.30	0.40	
6MPCRD	0.23	0.00	1.82	5.07	0.08	0.28	0.77	-0.76	0.95	0.93	-1.62	0.69	0.30	-1.36	0.00	
83XH3H	0.21	-0.27	0.18	5.75	0.77	1.65	1.00	0.74	0.47	1.33	0.47	0.21	0.50	0.43	0.15	
8J87EJ	0.18	-0.73	0.16	4.94	-0.05	0.46	0.89	0.00	0.25	1.11	-0.71	0.06	0.44	-0.07	1.12	
8JKTWX	0.16	-0.97		3.53	-1.46		0.65	-1.51		0.79	-2.35		0.28	-1.57		
92MQVM	0.22	-0.14	0.79	5.20	0.22	0.95	1.00	0.70	1.04	1.34	0.51	0.39	0.44	-0.09	0.70	
AGRLJE	0.23	0.00	0.18	4.99	0.00	0.15	0.97	0.55	0.09	1.32	0.42	0.12	0.48	0.31	0.15	
AMCA8A	0.23	0.00	1.82	5.10	0.11	1.27	0.83	-0.34	0.95	1.10	-0.74	1.20	0.37	-0.75	1.52	
DDYJV9	0.21	-0.34	0.90	4.76	-0.23	1.72	0.73	-0.96	0.61	1.19	-0.25	0.81	0.37	-0.70	1.60	
E46ZAR	0.36	1.78	1.31	5.19	0.20	0.22	1.13	1.52	0.68	1.38	0.75	0.35	0.53	0.73	0.53	
EAUDBF	0.35	1.64	2.39	5.41	0.43	2.12	0.85	-0.25	1.56	1.33	0.47	2.28	0.58	1.22	1.18	
GEFCEL	0.33	1.28	1.49	4.97	-0.02	1.00	0.92	0.19	0.50	1.20	-0.21	1.20	0.48	0.28	0.79	
GK8G9P	0.30	0.91	0.00	5.20	0.21	0.00	0.80	-0.55	0.00	1.37	0.67	0.69	0.53	0.76	1.52	
GWY4EK	0.32	1.23	1.01	3.73	-1.26	0.95	0.80	-0.55	0.91	1.36	0.65	1.44	0.54	0.82	3.44	
H36YZ7	5.04	65.78X	12.78	0.82	-4.18X	0.04	1.43	3.46X	0.31	0.43	-4.29X	0.09				
HKNTNA	0.23	-0.05	0.30	6.05	1.06	0.51	0.99	0.68	1.02	1.23	-0.07	0.27	0.36	-0.81	0.24	
JLQBZB	0.25	0.24	0.29	5.19	0.21	1.13	0.94	0.33	0.46	1.24	0.02	0.18	0.50	0.48	0.53	
LNRV32	0.23	-0.06	0.35	5.10	0.12	0.90	0.97	0.50	0.18	1.09	-0.79	0.24	0.45	0.00	0.56	
M34TK8	0.21	-0.32	0.26	3.46	-1.53	0.07	0.69	-1.24	0.08	0.80	-2.31	0.10	0.33	-1.05	0.11	
MMCX9F	0.47	3.22	0.19	2.74	-2.25	0.40	0.81	-0.49	0.33	1.42	0.93	0.07	0.77	2.91	0.24	



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Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MR68A2	0.23	-0.08	0.83	0.28	-4.72X	0.03	0.99	0.62	0.86	1.25	0.04	0.09	0.45	0.04	0.82
MTE6MJ	0.24	0.05	1.01	0.57	-4.43X	0.34	0.84	-0.30	0.33	1.24	-0.02	0.54	0.37	-0.75	1.06
P8PRPC	0.24	0.14	0.18	5.10	0.11	0.48	0.93	0.27	0.16	1.23	-0.04	0.18	0.47	0.16	0.40
PWUER2	0.40	2.34	0.85	5.19	0.21	0.36	0.88	-0.03	0.98	1.61	1.96	0.64	0.71	2.36	0.43
R4M7DZ	0.20	-0.46	0.00	3.67	-1.32	0.73	0.60	-1.81	0.00	0.97	-1.44	0.69	0.30	-1.36	0.00
RD8A3R	0.26	0.31	0.38	4.35	-0.64	0.59	0.59	-1.88	0.28	1.16	-0.44	4.88	0.43	-0.18	0.46
RRBFGW	0.29	0.78	1.14	5.22	0.23	0.37	0.99	0.65	0.16	1.25	0.07	0.82	0.51	0.52	0.80
TFBRVZ	0.30	0.91	3.15	4.90	-0.09	2.20	0.93	0.30	2.50	1.07	-0.92	0.69	0.37	-0.75	1.52
TLGXFP	0.16	-1.00	0.32	4.32	-0.67	0.10	0.70	-1.16	0.09	0.93	-1.64	0.00	0.33	-1.08	0.00
U4CD99	0.33	1.37	0.48	5.40	0.41	0.24	0.89	0.00	0.34	1.30	0.32	0.48	0.52	0.61	1.09
VKDDPAW	0.32	1.16	0.22	3.95	-1.04	1.53	0.95	0.40	0.63	1.23	-0.05	0.62	0.51	0.58	0.08
VYY6CW	0.33	1.37	1.82	3.83	-1.16	0.28	0.93	0.30	4.12	1.27	0.14	0.69	0.47	0.16	1.52
W7EXCY	0.23	-0.05	0.32				0.93	0.30	0.58	1.23	-0.04	0.18	0.42	-0.24	0.15
W7UULQ	0.05	-2.49	0.38	4.08	-0.91	0.14	0.73	-0.99	1.13	1.12	-0.64	0.21	0.34	-0.96	0.67
XA8E2X	0.25	0.21	0.27	3.75	-1.24	0.41	0.77	-0.74	0.57	1.18	-0.32	0.24	0.46	0.13	0.51
YC93UT	0.26	0.37	0.65	6.14	1.16	0.45	0.85	-0.25	0.27	1.31	0.37	0.12	0.41	-0.39	0.11
YUTTR	0.23	0.00	0.66	5.62	0.64	0.36	1.03	0.91	0.28	1.43	0.98	0.48	0.50	0.43	1.06

Zn - DTPA (SubTestCode 170) in the Micronutrients Property Groups					Data units: mg/kg	
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	0.23	4.99	0.89	1.24	0.45	
Median Abs Dev	0.02	0.43	0.09	0.09	0.06	
Avg Within Lab SD	0.03	0.21	0.06	0.08	0.04	
Labs Included	41	39	41	42	41	
Labs Reporting	43	42	43	43	42	



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2N2H2L	7.2	-0.91	0.33	25.4	-1.85	3.40	42.9	-0.74	0.61	16.6	0.03	1.02	6.1	-0.36	1.03	
3KGDY4	9.3	-0.09	0.10	41.0	0.00	0.07	52.5	-0.04	0.16	14.2	-0.35	0.07	7.3	0.25	0.21	
3WQD73	11.0	0.56		55.1	1.66	0.50	81.8	2.08	3.51	33.4	2.67	2.59	8.7	0.95	0.86	
4RCUPL	12.8	1.26	0.35	46.6	0.65	1.33	67.1	1.02	0.35	23.9	1.18	0.16	8.7	0.99	0.22	
64ZF9L	7.9	-0.66	0.62	40.0	-0.12	0.53	57.3	0.31	1.15	14.7	-0.27	0.35	6.1	-0.33	0.73	
66C3XM	23.6	5.47	2.89	27.6	-1.59	1.33	38.2	-1.08	0.89	31.3	2.33	1.21	13.3	3.29	2.11	
68GNWK	10.5	0.37	2.11	44.8	0.45	1.36	63.2	0.73	0.83	18.2	0.28	1.17	6.7	-0.06	0.95	
83XH3H	28.9	7.55X	0.64	51.2	1.20	1.06	6.0	-3.41	0.04	33.9	2.74	0.19	11.8	2.53	0.42	
8J87EJ	9.2	-0.16	0.48	42.9	0.23	0.21	64.1	0.80	0.42	16.4	0.00	0.50	7.7	0.44	0.54	
8JKTWX	5.0	-1.78		33.3	-0.92		52.1	-0.07		8.0	-1.31		3.2	-1.79		
92MQVM	9.0	-0.21	1.69	45.0	0.47	0.17	61.2	0.59	1.02	18.9	0.39	1.43	6.8	0.00	2.34	
AGRLJE	10.8	0.48	0.07	40.2	-0.10	0.13	59.1	0.44	0.13	20.1	0.58	0.13	6.9	0.04	0.14	
AMCA8A	6.6	-1.16	1.14	45.5	0.53	1.24	59.8	0.48	2.09	11.4	-0.78	0.99	4.9	-0.93	1.50	
CZYKPK	7.4	-0.85	0.19	38.2	-0.33	0.84	49.3	-0.28	0.12	14.2	-0.34	0.33	5.8	-0.48	0.69	
DDYJV9	9.9	0.14	0.87	45.3	0.51	0.62	50.4	-0.20	0.45	14.1	-0.36	0.57	6.0	-0.41	0.70	
E46ZAR	9.5	-0.02	1.13	49.8	1.04	0.74	68.4	1.11	0.73	16.5	0.02	0.18	8.0	0.61	0.77	
EAUDBF	9.6	0.03	0.34	50.0	1.06	1.16	58.6	0.40	1.00	13.1	-0.52	0.21	6.5	-0.16	0.34	
GEFCEL	6.4	-1.24	0.25	40.1	-0.11	0.42	55.4	0.17	0.28	10.7	-0.89	0.16	4.6	-1.09	0.45	
GK8G9P	12.6	1.17	0.19	32.0	-1.07	0.67	37.1	-1.16	0.38	11.1	-0.83	0.06	8.8	1.00	0.34	
GWY4EK	10.4	0.33	1.27	38.2	-0.34	0.89	50.8	-0.17	0.88	13.8	-0.40	1.37	8.2	0.70	2.52	
H36YZ7	39.7	11.75X	1.51	50.5	1.11	0.67	16.2	-2.68	0.58	6.3	-1.58	0.13				
HKNTNA	9.5	-0.01	0.40	56.7	1.85	0.15	71.4	1.33	0.85	21.1	0.74	0.56	6.6	-0.12	0.10	
JLQBZB	10.5	0.35	1.90	43.3	0.27	0.79	59.6	0.47	1.76	20.0	0.56	0.72	8.5	0.87	0.85	
LNRV32	11.9	0.91	0.31	42.1	0.13	0.23	60.6	0.54	0.07	17.1	0.12	0.24	8.2	0.69	0.38	
M34TK8	10.6	0.39	0.12	24.7	-1.93	0.06	36.3	-1.22	0.10	16.4	0.00	0.18	6.7	-0.05	0.19	
MMCX9F	10.0	0.17	0.09	40.2	-0.10	0.27	56.2	0.22	0.14	12.0	-0.69	0.01	8.2	0.69	0.14	



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Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MR68A2	44.1	13.45X	0.59	97.0	6.61X	1.30	133.9	5.86X	0.51	47.7	4.89X	0.39	17.0	5.17X	0.06
MTE6MJ	8.9	-0.26	0.93	5.1	-4.25X	0.38	53.7	0.04	0.15	16.0	-0.06	0.48	5.7	-0.53	0.54
P8PRPC	8.8	-0.30	0.03	41.0	0.00	0.22	54.5	0.10	0.05	19.7	0.51	0.30	7.9	0.54	0.16
PWUER2	11.1	0.60	1.29	48.6	0.90	0.82	51.4	-0.12	0.31	19.0	0.41	1.40	8.4	0.82	1.62
R4M7DZ	10.7	0.43	0.94	37.7	-0.40	0.80	45.0	-0.59		17.7	0.20	0.35	6.7	-0.06	1.69
RD8A3R	11.6	0.79	0.81	38.7	-0.28	0.74	37.8	-1.11	0.32	17.7	0.21	4.28	8.0	0.59	1.02
RRBFGW	10.2	0.23	1.35	44.7	0.44	0.27	60.2	0.52	0.19	17.1	0.10	0.62	6.3	-0.26	0.30
TFBRVZ	6.1	-1.35	0.33	40.1	-0.11	2.53	56.0	0.21	1.27	10.0	-1.00	0.06	4.4	-1.20	2.04
TLGXFP	5.1	-1.72	0.09	37.1	-0.47	0.25	50.3	-0.21	0.11	8.6	-1.22	0.00	4.2	-1.30	0.00
U4CD99	8.1	-0.57	0.43	41.6	0.06	0.83	48.4	-0.34	0.39	12.7	-0.58	0.26	5.2	-0.82	0.89
VKDDPAW	9.9	0.13	0.31	38.2	-0.33	1.54	49.8	-0.24	2.83	21.5	0.80	0.99	7.1	0.15	0.29
VYY6CW	8.2	-0.54	2.37	36.1	-0.58	0.16	45.2	-0.57	0.72	13.2	-0.49	0.90	6.1	-0.33	1.50
W7EXCY	9.1	-0.19	0.37				59.8	0.49	0.05	15.6	-0.13	0.06	6.9	0.06	0.02
W7UULQ	8.4	-0.45	0.13	30.5	-1.25	0.06	42.1	-0.80	0.03	10.3	-0.95	0.04	7.3	0.26	0.05
XA8E2X	9.6	0.01	0.54	36.9	-0.49	1.16	47.0	-0.44	1.07	20.7	0.67	0.81	5.8	-0.51	0.69
YC93UT	7.9	-0.66	0.13	49.5	1.00	0.41	52.2	-0.07	0.16	11.9	-0.70	0.05	5.2	-0.81	0.18
YUTTR	9.6	0.02	0.00	50.1	1.07	0.31	63.6	0.76	0.26	18.6	0.34	0.05	8.0	0.60	0.18

Mn - DTPA (SubTestCode 171) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	9.56			41.0			53.1			16.4			6.79		
Median Abs Dev	1.13			4.1			6.7			3.3			1.08		
Avg Within Lab SD	0.61			1.9			2.8			1.7			0.34		
Labs Included	40			40			42			42			41		
Labs Reporting	43			42			43			43			42		



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2N2H2L	2.8	-0.40	0.92	194.2	-0.55	0.96	107.5	-0.79	1.85	28.7	-0.61	1.45	4.2	-0.70	1.34	
3KGDY4	4.9	0.17	0.15	233.7	-0.27	0.12	135.2	0.09	0.14	36.0	0.11	0.14	9.4	1.28	0.13	
3WQD73	3.4	-0.23	0.31	411.3	1.01	1.42	187.3	1.74	1.59	39.0	0.40	0.35	5.3	-0.27	0.31	
4RCUPL	4.8	0.15	0.20	288.8	0.13	0.15	172.7	1.27	0.32	41.9	0.68	0.63	6.9	0.33	0.47	
64ZF9L	4.1	-0.05	0.89	303.3	0.23	0.78	123.3	-0.29	0.83	27.3	-0.74	0.53	5.4	-0.25	0.12	
66C3XM	58.8	14.54	5.36	77.0	-1.39	0.25	177.2	1.41	0.35	220.5	18.20X	3.36	44.4	14.56X	6.01	
68GNWK	4.3	0.01	0.18	315.3	0.32	0.96	186.0	1.69	1.45	43.3	0.82	0.64	7.1	0.39	0.96	
6MPCRD	2.4	-0.49	0.10	426.1	1.11	0.42	101.5	-0.98	0.25	22.0	-1.27		3.5	-0.96	0.38	
83XH3H	4.8	0.15	0.06	340.2	0.49	0.23	182.3	1.58	0.36	43.7	0.86	0.18	7.2	0.44	0.24	
8J87EJ	2.5	-0.47	0.23	484.2	1.53	0.19	137.2	0.15	0.42	23.5	-1.12	0.30	5.0	-0.38	0.16	
8JKTWX	1.4	-0.75		85.7	-1.33		67.5	-2.05		12.5	-2.19		2.2	-1.47		
92MQVM	3.8	-0.14	0.26	277.0	0.04	0.43	133.0	0.02	1.09	39.0	0.40	0.74	6.3	0.09	0.76	
AGRLJE	4.2	-0.01	0.01	238.3	-0.24	0.12	150.3	0.57	0.24	37.1	0.21	0.20	6.1	0.03	0.12	
AMCA8A	3.7	-0.16	1.03	424.3	1.10	4.50	128.0	-0.14	1.30	30.0	-0.48	0.61	4.7	-0.52	1.09	
CZYKPK	3.2	-0.28	0.15	304.8	0.24	0.42	115.6	-0.53	0.18	34.8	-0.02	0.51	5.5	-0.19	1.01	
DDYJV9	5.4	0.29	0.71	293.1	0.16	2.52	123.6	-0.28	1.01	40.6	0.56	1.24	6.7	0.27	0.45	
E46ZAR	4.4	0.04	1.02	466.9	1.40	1.15	196.9	2.04	0.39	49.0	1.38	0.68	7.6	0.58	0.47	
EAUDBF	5.5	0.32	0.10	416.7	1.04	0.19	137.7	0.17	1.09	38.6	0.36	0.42	9.8	1.43	1.17	
GEFCEL	3.3	-0.26	0.44	660.3	2.79	0.64	117.3	-0.48	0.22	25.4	-0.93	0.07	4.7	-0.51	0.17	
GK8G9P	4.6	0.09	0.00	243.7	-0.20	0.17	115.0	-0.55	0.29	34.5	-0.04	0.14	6.1	0.04	0.22	
GWY4EK	6.7	0.65	1.53	281.8	0.08	0.68	131.8	-0.02	1.45	35.8	0.08	1.85	8.2	0.82	3.86	
H36YZ7	211.9	55.33X	4.77	124.0	-1.06	0.08	39.1	-2.95X	0.05	5.3	-2.91	0.12				
HKNTNA	6.0	0.47	0.30	250.0	-0.15	0.16	153.5	0.67	0.47	36.4	0.15	0.03	5.9	-0.03	0.29	
JLQBZB	4.3	0.00	0.24	254.0	-0.12	0.64	143.7	0.36	0.55	34.9	0.00	0.50	5.7	-0.11	0.39	
LNRV32	3.8	-0.14	0.06	312.6	0.30	1.23	152.8	0.64	0.14	26.2	-0.86	0.22	6.3	0.12	0.25	
M34TK8	3.8	-0.13	0.04	211.5	-0.43	0.06	109.5	-0.72	0.10	19.0	-1.56	0.08	4.6	-0.53	0.03	



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Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
MMCX9F	4.1	-0.06	0.26	267.9	-0.02	0.06	116.9	-0.49	0.25	32.7	-0.22	0.05	9.3	1.25	0.60
MR68A2	6.8	0.67	0.89	19.8	-1.80	0.01	326.5	6.13X	0.64	75.1	3.94	0.17	11.6	2.12	0.21
MTE6MJ	3.7	-0.16	0.70	26.2	-1.76	0.22	134.3	0.06	2.11	35.5	0.06	0.86	5.9	-0.04	0.53
P8PRPC	3.0	-0.34	0.18	336.6	0.47	0.05	151.5	0.61	0.14	35.3	0.04	0.28	5.4	-0.24	0.38
PWUER2	4.6	0.09	0.57	274.6	0.02	1.20	109.3	-0.73	0.34	34.2	-0.07	0.25	8.9	1.10	2.53
R4M7DZ	5.0	0.19		236.0	-0.25	0.19	137.3	0.16	0.08	43.0	0.79	0.35	7.3	0.49	1.09
RD8A3R	4.9	0.16	0.29	249.1	-0.16	0.22	111.4	-0.66	0.41	39.6	0.46	4.90	6.7	0.24	0.69
RRBFGW	4.6	0.10	0.48	265.5	-0.04	0.34	154.8	0.71	0.81	34.3	-0.06	0.52	6.1	0.04	0.26
TFBRVZ	2.7	-0.43	1.03	267.7	-0.03	0.52	124.3	-0.25	1.52	25.7	-0.91	0.73	3.7	-0.90	1.09
TLGXFP	3.0	-0.34		386.7	0.83	0.37	112.7	-0.62	0.17	27.0	-0.78		4.0	-0.77	
U4CD99	5.1	0.22	0.36	557.0	2.05	0.70	113.8	-0.59	0.84	31.6	-0.32	0.54	5.8	-0.07	0.76
VKDPAW	5.4	0.29	0.60	263.2	-0.06	1.37	172.1	1.26	3.73	45.6	1.05	1.13	7.6	0.59	0.20
VYY6CW	12.5	2.18	0.45	220.7	-0.36	0.13	113.3	-0.60	0.80	39.2	0.42	1.39	15.6	3.62	2.35
W7EXCY	4.5	0.05	0.21				141.9	0.30	0.33	35.3	0.04	0.05	5.5	-0.20	0.03
W7UULQ	14.0	2.58	0.18	253.0	-0.13	0.15	104.8	-0.87	0.32	30.3	-0.45	0.16	15.9	3.74	0.53
XA8E2X	3.7	-0.15	0.41	261.3	-0.07	0.58	129.0	-0.11	0.43	32.4	-0.24	0.19	5.4	-0.23	0.52
YC93UT	3.1	-0.32	0.03	973.9	5.04X	3.04	111.3	-0.67	0.35	32.9	-0.20	0.02	4.3	-0.66	0.13
YUTTTR	3.2	-0.29	0.04	627.3	2.56	0.38	146.3	0.44	0.10	36.9	0.19	0.04	5.3	-0.26	0.11

Fe - DTPA (SubTestCode 172) in the Micronutrients Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	4.27			271.3			132.4			34.9			6.03		
Median Abs Dev	0.83			42.7			18.8			4.6			1.10		
Avg Within Lab SD	0.56			26.6			6.9			2.9			0.53		
Labs Included	43			42			42			43			42		
Labs Reporting	44			43			44			44			43		



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2N2H2L	0.33	-0.59	0.61	0.59	-1.58	1.97	0.82	-1.00	0.70	0.49	-0.31	0.62	0.58	-1.45	1.44	
3KGDY4	0.36	-0.33	0.31	1.01	0.27	0.78	1.02	-0.21	0.12	0.51	-0.19	0.05	0.87	0.51	0.45	
3WQD73	0.41	0.11	0.40	1.05	0.46	0.87	1.31	0.99	0.23	0.60	0.42	0.04	0.88	0.58	0.51	
4RCUPL	0.45	0.45	0.66	1.02	0.31	0.51	1.26	0.78	0.54	0.65	0.80	0.49	0.86	0.46	0.42	
64ZF9L	0.38	-0.11	0.61	0.86	-0.38	1.11	1.23	0.69	1.33	0.54	-0.01	0.23	0.80	0.01	1.31	
66C3XM	1.85	12.24X	21.07	13.91	56.97X	35.82	3.76	11.12X	8.05	2.46	13.31X	2.57	2.39	10.74X	4.27	
68GNWK	0.49	0.78	1.05				1.39	1.32	1.63	0.73	1.33	0.40	0.91	0.75	1.10	
6MPCRD	0.43	0.31	2.30	1.10	0.66	1.89	1.07	0.00	1.33	0.53	-0.03	1.17	0.70	-0.64	0.00	
83XH3H	0.37	-0.25	0.23	1.23	1.22	1.61	1.37	1.25	0.61	0.63	0.61	0.23	0.96	1.08	0.48	
8J87EJ	0.17	-1.95	0.40	0.82	-0.58	0.39	1.04	-0.12	0.59	0.25	-1.98	0.48	0.70	-0.68	0.63	
8JKTWX	0.23	-1.38		0.53	-1.83		0.77	-1.24		0.33	-1.45		0.49	-2.06		
92MQVM	0.32	-0.62	0.92	0.98	0.13	0.50	1.18	0.47	1.05	0.57	0.24	0.96	0.74	-0.35	1.10	
AGRLJE	0.42	0.17	0.23	1.25	1.34	0.11	1.32	1.05	0.00	0.63	0.64	0.20	0.88	0.57	0.00	
AMCA8A	0.33	-0.54	2.30	0.90	-0.22	1.89	1.07	0.00	1.33	0.47	-0.49	1.17	0.67	-0.87	1.81	
CZYKPK	0.41	0.15	0.18	0.98	0.12	0.17	1.08	0.04	0.17	0.68	0.97	0.60	0.89	0.64	1.12	
DDYJV9	0.36	-0.28	1.09	0.81	-0.60	1.70	0.96	-0.43	0.95	0.51	-0.22	0.69	0.73	-0.46	1.04	
E46ZAR	0.49	0.81	0.61	1.39	1.94	0.38	1.61	2.24	0.80	0.78	1.65	0.12	0.94	0.97	1.57	
EAUDBF	0.50	0.89	0.83	1.09	0.62	1.68	1.08	0.06	1.73	0.61	0.50	1.13	0.99	1.28	0.48	
EGUXBQ	0.70	2.54	1.31	1.06	0.50	0.39	0.96	-0.42	0.63	0.86	2.20	3.03	1.30	3.38	1.22	
GEFCEL	0.29	-0.93	0.83	0.68	-1.20	0.66	1.04	-0.12	1.31	0.43	-0.75	0.93	0.71	-0.60	0.48	
GK8G9P	0.37	-0.25	2.30	0.80	-0.66	0.00	0.90	-0.69	0.00	0.53	-0.03	1.17	0.80	0.03	0.00	
GWY4EK	0.57	1.43	2.30	0.93	-0.07	1.09	0.90	-0.69	0.00	0.67	0.89	1.17	0.93	0.93	1.81	
H36YZ7	0.85	3.77X	0.14	1.02	0.32	0.28	0.62	-1.86	0.31	0.76	1.53	0.12				
HKNTNA	0.34	-0.48	0.50	0.99	0.20	0.54	1.24	0.72	0.61	0.56	0.18	0.38	0.76	-0.22	0.30	
JLQBZB	0.31	-0.72	1.11	0.87	-0.33	0.90	1.14	0.31	1.54	0.54	-0.02	0.26	0.79	-0.05	1.24	
LNRV32	0.44	0.34	2.15	0.86	-0.41	0.32	1.16	0.37	0.59	0.40	-0.94	0.77	0.80	0.01	0.33	



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Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
M34TK8	0.36	-0.32	0.16	0.97	0.07	0.30	1.08	0.07	0.25	0.43	-0.78	0.21	0.71	-0.57	0.43	
MMCX9F	0.43	0.31	0.49	0.78	-0.73	0.28	0.71	-1.46	0.06	0.54	0.00	0.11	0.82	0.17	0.21	
MR68A2	0.68	2.39	0.78	2.14	5.22X	0.68	2.41	5.56X	0.89	1.12	4.05X	0.34	1.68	5.96X	0.63	
MTE6MJ	0.32	-0.62	1.15	0.08	-3.84X	0.22	0.97	-0.39	0.35	0.45	-0.61	0.61	0.65	-1.00	0.79	
P8PRPC	0.34	-0.48	0.40	1.04	0.40	1.05	1.15	0.36	1.16	0.58	0.27	0.31	0.78	-0.08	0.48	
PWUER2	0.48	0.72	0.95	0.99	0.19	1.77	0.97	-0.40	2.32	0.65	0.79	1.28	1.00	1.39	0.99	
R4M7DZ	0.70	2.55	0.00	1.47	2.27	1.09	1.20	0.55	0.00	0.80	1.81	0.00	1.00	1.37		
RD8A3R	0.40	0.00	0.78	0.86	-0.41	0.12	0.69	-1.57	0.42	0.51	-0.18	3.88	0.79	-0.01	1.05	
RRBFGW	0.44	0.36	0.80	0.93	-0.08	0.68	1.23	0.66	1.69	0.45	-0.61	0.93	0.80	0.03	3.00	
TFBRVZ	0.30	-0.82	0.00	0.90	-0.22	1.89	1.13	0.28	1.33	0.50	-0.26		0.63	-1.09	1.81	
TLGXFP	0.29	-0.90	0.00	0.71	-1.07	0.29	0.96	-0.44	0.00	0.45	-0.61	0.00	0.69	-0.69	0.18	
U4CD99	0.41	0.14	0.46	0.80	-0.64	0.61	0.98	-0.37	0.35	0.59	0.36	0.20	0.82	0.19	0.36	
VKDPAW	0.47	0.60	0.60	1.19	1.06	1.13	1.45	1.57	1.28	0.87	2.29	0.83	1.10	2.02	1.26	
VYY6CW	0.50	0.87		0.83	-0.51	1.09	0.97	-0.41	2.65	0.67	0.89	1.17	0.80	0.03	0.00	
W7EXCY	0.40	0.03	0.40				1.20	0.55	0.61	0.61	0.52	0.42	0.79	-0.01	0.18	
W7UULQ	0.41	0.07	0.19	0.75	-0.86	0.27	0.74	-1.35	0.35	0.53	-0.06	0.10	0.75	-0.33	0.33	
XA8E2X	0.37	-0.19	0.28	0.86	-0.39	0.28	0.84	-0.92	0.58	0.52	-0.15	0.25	0.73	-0.41	0.18	
YC93UT	0.37	-0.27	0.15	1.37	1.83	0.67	1.04	-0.11	0.31	0.60	0.43	0.02	0.75	-0.33	0.13	
YUTTTR	0.28	-0.98	0.40	1.02	0.33	0.11	1.18	0.48	0.35	0.54	-0.01	0.31	0.79	-0.06	0.18	

Cu - DTPA (SubTestCode 173) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	0.40			0.95			1.07			0.54			0.80			
Median Abs Dev	0.06			0.11			0.12			0.08			0.08			
Avg Within Lab SD	0.03			0.05			0.04			0.05			0.03			
Labs Included	43			40			43			43			42			
Labs Reporting	45			43			45			45			44			



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Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups													Data units: mg/kg		
													SRS2310		
SRS2306				SRS2307			SRS2308			SRS2309					
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
8JKTWX	0.18			4.39			1.43			1.97			0.14		
CZYKPK	0.23		0.21	4.93		1.23	0.74		0.04	1.34		0.13	0.42		0.11
EGUXBQ	1.96		1.40	7.35		0.70	2.74		1.41	3.90		1.41	3.11		1.41
Zn - HCl (SubTestCode 174) in the Micronutrients Property Groups													Data units: mg/kg		
													SRS2310		
SRS2306				SRS2307			SRS2308			SRS2309					
Grand Median	0.23			4.93			1.43			1.97			0.42		
Median Abs Dev															
Avg Within Lab SD	0.05			0.09			0.15			0.34			0.20		
Labs Included	3			3			3			3			3		
Labs Reporting	3			3			3			3			3		



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Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups													Data units: mg/kg			
SRS2306				SRS2307				SRS2308			SRS2309			SRS2310		
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	
EGUXBQ	86.7		1.00	36.6		1.00	69.6		1.00	83.7		1.00	69.0		1.00	

Mn-H3PO4 (SubTestCode 175) in the Micronutrients Property Groups													Data units: mg/kg			
SRS2306				SRS2307				SRS2308			SRS2309			SRS2310		
Grand Median	86.7			36.6			69.6			83.7			69.0			
Median Abs Dev																
Avg Within Lab SD	1.0			0.4			5.7			18.2			0.5			
Labs Included	1			1			1			1			1			
Labs Reporting	1			1			1			1			1			



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CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
64ZF9L	4.90	0.57	0.40	4.63	0.20	0.16	14.00	0.00	1.13	11.33	-0.14	0.76	273.33	-0.12	0.49	
68GNWK	3.20	0.00	0.47	4.47	0.16	0.08	14.63	0.18	0.53	11.80	0.01	0.70	268.67	-0.22	0.73	
7JARBY	16.90	4.55X	1.68	27.57	6.05X	0.72	31.27	4.91X	2.41	35.43	7.58X	3.51	283.77	0.12	0.42	
CZYKPK	9.30	2.03	2.07	8.27	1.13	0.42	13.69	-0.09	0.90	15.12	1.07	1.40	227.29	-1.16	1.02	
DDYJV9	2.94	-0.09	0.60	3.83	0.00	0.57	11.61	-0.68	1.33	11.78	0.00	1.63	272.98	-0.12	0.35	
EAUDBF	7.23	1.34	1.55	9.67	1.49	0.90	17.07	0.87	1.06	18.17	2.05	1.55	349.33	1.60	0.76	
EGUXBQ	7.20	1.33	1.17	17.33	3.44	2.96	17.00	0.85	2.14	14.00	0.71	0.46	290.00	0.26	0.25	
GK8G9P	6.63	1.14	0.67	3.60	-0.06	0.18	16.83	0.81	0.17	9.80	-0.64	0.35	346.67	1.54	0.42	
GWY4EK	1.27	-0.64	1.05	3.40	-0.11	0.89	10.03	-1.13	0.90	11.50	-0.09	1.53	257.00	-0.49	2.90	
TLGXFP	2.97	-0.08	0.13	3.63	-0.05	0.10	14.70	0.20	0.11	11.70	-0.03	0.00	313.83	0.80	0.18	
U4CD99	2.67	-0.18	0.67	3.67	-0.04	0.19	12.33	-0.47	0.33	12.33	0.18	0.38	283.67	0.12	0.64	
W7UULQ	3.11	-0.03	0.41	0.95	-0.74	0.02	6.45	-2.14	0.46	3.94	-2.51	0.32	210.50	-1.54	0.46	

CI - Ca(NO3)2 Extr. (SubTestCode 176) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	3.20			3.83			14.0			11.8			278.5			
Median Abs Dev	1.70			0.64			2.4			0.6			16.5			
Avg Within Lab SD	0.43			1.48			0.9			0.8			11.9			
Labs Included	11			11			11			11			12			
Labs Reporting	12			12			12			12			12			



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

Data units: mg/kg

WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3KGDY4	0.18	-1.21	0.20	0.07	-1.01	0.17	0.11	-0.92	2.06	0.14	-1.37	0.17	0.21	-1.36	0.30
3WQD73	0.43	0.13	1.14	0.31	0.37	2.02	0.33	0.21	1.05	0.43	0.00	1.33	0.72	0.60	1.28
66C3XM	0.42	0.06	1.09	0.47	1.29	0.59	0.36	0.37	1.05	0.44	0.08	0.56	0.43	-0.52	1.34
8JKTWX	0.07	-1.75		0.06	-1.11		0.05	-1.24		0.05	-1.81		0.07	-1.88	
CCDLLD	0.41	0.00	0.55	0.19	-0.34	0.41	0.30	0.03	0.76	0.45	0.09	1.37	0.71	0.56	0.54
DDYJV9	0.44	0.21	0.25	0.25	0.02	0.95	0.27	-0.11	0.28	0.47	0.23	0.05	0.70	0.50	0.91
EGUXBQ	1.13	3.82	0.55	1.00	4.41	0.52	1.05	3.95	1.77	1.08	3.17	2.39	1.23	2.52	1.12
H36YZ7	0.25	-0.79	0.08	0.24	-0.02	0.55	0.50	1.08	0.86	0.56	0.65	0.93			
HFUYQ9	0.44	0.16	2.19				0.34	0.24		0.43	0.01	0.19	0.57	0.01	0.59
LNRV32	1.49	5.73X	1.48	1.47	7.14X	4.45	1.63	6.99X	4.26	1.65	5.89X	2.22	1.63	4.03X	3.31
M34TK8	0.12	-1.51	0.07	0.08	-1.01	0.13	0.12	-0.87	0.08	0.14	-1.38	0.06	0.29	-1.05	0.19
NMANR4	0.42	0.10	0.17	0.25	0.05	0.08	0.23	-0.34	0.06	0.62	0.94	0.24	0.59	0.09	0.30
PGDJC6	0.39	-0.06	1.21	0.27	0.15	1.62	0.31	0.09	1.22	0.42	-0.03	0.93	0.53	-0.15	1.28
PU3FD3	0.37	-0.20	0.30	0.22	-0.16	0.00	0.29	0.00	0.40	0.44	0.05	0.16	0.55	-0.07	0.77
R4M7DZ	0.50	0.50	2.61	0.23	-0.08	2.25	0.43	0.75	2.30	0.40	-0.13	2.69	0.73	0.63	1.77
RRBFGW	0.66	1.34	0.94	0.38	0.78	0.00	0.51	1.13	0.46	0.68	1.22	0.54	1.05	1.82	1.52
VYY6CW	0.37	-0.20	1.51	0.13	-0.70	1.84	0.13	-0.85	0.61	0.22	-1.01	0.78	0.43	-0.50	1.77
W7EXCY	0.34	-0.36	0.60	0.18	-0.41	1.19	0.22	-0.35	0.61	0.38	-0.23	0.27	0.51	-0.23	1.08
W7UULQ	0.46	0.28	0.22	0.26	0.06	0.05	0.28	-0.06	0.03	0.35	-0.36	0.07	0.61	0.16	0.18
W8RMDQ	0.30	-0.55	0.00	0.20	-0.27	0.00	0.20	-0.47	0.00	0.30	-0.61	0.00	0.60	0.13	0.00
XA8E2X	0.24	-0.87	0.08	0.36	0.64	0.64	0.27	-0.12	0.32	0.33	-0.48	0.48	0.38	-0.70	0.75
Y9AN9N	0.41	0.04	0.15	0.35	0.60	0.00	0.48	1.01	0.23	0.49	0.29	0.16	0.56	-0.01	0.18



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

Data units: mg/kg

	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310
Grand Median	0.41	0.25	0.29	0.43	0.57
Median Abs Dev	0.05	0.07	0.07	0.08	0.13
Avg Within Lab SD	0.04	0.03	0.03	0.04	0.03
Labs Included	21	20	21	21	20
Labs Reporting	22	21	22	22	21



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B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2N2H2L	0.27	-1.04	0.67	0.34	0.21	0.23	0.22	0.55	1.40	0.22	0.14	1.14	0.28	-1.63	0.88	
64ZF9L	0.33	-0.25	0.45	0.69	1.09	0.59	0.31	1.12	0.56	0.24	0.35	0.21	0.44	-0.20	0.51	
6MPCRD	0.30	-0.62	0.00	0.17	-0.21	0.59	0.10	-0.29	0.00	0.10	-1.80	0.00	0.27	-1.76	1.92	
AMCA8A	0.32	-0.39	0.59	1.24	2.43	3.48	0.44	2.00	1.56	0.27	0.88	0.37	0.43	-0.23	0.69	
CZYKPK	0.38	0.48	0.47	0.43	0.44	0.07	0.17	0.20	1.01	0.24	0.47	1.52	0.48	0.20	1.74	
EAUDBF	0.45	1.49	1.84	0.08	-0.42	0.26	0.07	-0.47	0.50	0.21	-0.14	1.46	0.52	0.58	0.57	
GEFCEL	0.35	0.07	0.39	1.23	2.40	1.12	0.24	0.66	0.49	0.25	0.56	0.37	0.42	-0.35	0.33	
GK8G9P	0.34	-0.07	0.39	0.64	0.96	0.10	0.24	0.66	0.49	0.20	-0.17	0.57	0.49	0.32	0.38	
GWY4EK	0.40	0.76	0.00	0.13	-0.29	0.59	0.10	-0.29	0.00	0.27	0.83	2.15	0.50	0.38		
MMCX9F	0.41	0.85	0.12	0.06	-0.46	0.01	0.05	-0.66	0.21	0.18	-0.47	0.08	0.51	0.47	0.25	
PWUER2	0.44	1.25	0.99	0.30	0.11	0.36	0.18	0.22	1.95	0.26	0.72	0.74	0.62	1.44	0.33	
TFBRVZ	0.23	-1.59	2.17	0.13	-0.29	0.50	0.07	-0.52	1.84	0.13	-1.38	1.72	0.31	-1.39	1.57	
TLGXFP	0.28	-0.85	0.22	0.08	-0.43	0.06	0.06	-0.56	0.00	0.15	-1.07	0.21	0.39	-0.66	0.38	
U4CD99	0.41	0.85	0.45	0.25	0.00	0.18	0.11	-0.24	0.74	0.20	-0.17	0.57	0.50	0.41	0.51	
VYY6CW	0.33	-0.16	2.25	0.09	-0.39	0.16	0.11	-0.20	1.01	0.20	-0.28	1.07	0.40	-0.53	1.76	
YC93UT	0.35	0.07	0.29	3.02	6.81X	4.04	0.46	2.14	0.87	0.30	1.34	0.08	0.48	0.24	0.09	

B-DTPA/Sorbitol (SubTestCode 178) in the Micronutrients Property Groups														Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median	0.35			0.25			0.14			0.21			0.46			
Median Abs Dev	0.05			0.17			0.08			0.03			0.05			
Avg Within Lab SD	0.03			0.10			0.02			0.03			0.03			
Labs Included	16			15			16			16			16			
Labs Reporting	16			16			16			16			16			



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Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7JARBY	0.10	2.78	0.54	0.23	0.55	0.29	0.15	1.72	0.34	0.14	2.50	0.60	0.10	4.38X	0.25	
83XH3H	0.06	-0.42	0.52	0.20	-1.24	0.33	0.10	-0.74	0.20	0.10	-0.22	0.00	0.07	-0.82	0.00	
8JH92G	0.06	-0.41	0.39	0.20	-1.22	0.20	0.10	-0.64	0.19	0.10	-0.69	0.77	0.07	-0.49	0.26	
92MQVM	0.07	0.17	0.26	0.22	0.10	1.54	0.11	-0.46	0.31	0.10	-0.37	0.39	0.08	0.07	0.29	
EAUDBF	0.06	-0.12	1.67	0.22	-0.06	0.51	0.12	0.01	0.53	0.11	0.08	0.66	0.07	-0.27	0.59	
GWY4EK	0.16	7.99X	6.04	0.24	1.11	2.50	0.15	1.63	3.06	0.12	1.16	2.85	0.08	1.16	2.86	
M34TK8	0.07	0.43	0.43	0.22	-0.07	0.16	0.12	-0.01	0.09	0.11	0.00	0.30	0.07	0.00	0.16	
RRBFGW	0.05	-1.15	2.03	0.18	-1.76	0.93	0.10	-0.90	0.23	0.09	-1.15	0.37	0.06	-2.18	0.50	
TLGXFP	0.07	0.59	1.03	0.22	0.06	0.09	0.12	0.26	0.13	0.11	0.00	0.00	0.08	0.61	0.22	
YUTTTR	0.07	0.00	0.26	0.23	0.58	0.09	0.12	0.35	0.08	0.11	0.57	0.30	0.08	0.47	0.08	

Soil Kjeldahl N (SubTestCode 179) in the Soil Organic Matter Property Groups						Data units: Percent	
	SRS2306		SRS2307		SRS2308	SRS2309	SRS2310
Grand Median	0.066		0.22		0.12	0.11	0.075
Median Abs Dev	0.005		0.01		0.01	0.01	0.003
Avg Within Lab SD	0.004		0.01		0.01	0.01	0.007
Labs Included	9		10		10	10	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	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4W46YJ	0.09	1.53	2.14	0.24	0.64	0.89	0.12	0.07	0.00	0.11	0.29	2.35	0.08	0.48	1.49	
68GNWK	0.07	0.02	0.21	0.22	-0.24	1.05	0.12	-0.09	0.52	0.11	0.12	0.71	0.08	0.26	1.04	
6MPCRD	0.09	1.10	3.52	0.18	-3.13X	0.00	0.15	2.34	1.19	0.11	0.00	2.03	0.08	0.48	1.49	
7JARBY	0.06	-0.28	0.36	0.22	-0.61	1.12	0.11	-0.45	0.43	0.10	-0.56	0.45	0.08	-0.06	0.68	
7UPEMK	0.07	0.00	0.89	0.23	0.20	0.94	0.12	0.30	0.86	0.11	0.06	0.62	0.08	0.14	0.30	
83XH3H	0.07	0.08	0.08	0.23	-0.11	1.00	0.11	-0.43	0.12	0.11	-0.23	0.23	0.08	-0.06	0.26	
8JH92G	0.07	-0.25	0.65	0.21	-1.35	2.09	0.10	-1.05	3.42	0.10	-0.96	1.27	0.07	-0.28	0.00	
92MQVM	0.07	-0.11	0.49	0.23	0.29	1.39	0.12	0.14	0.90	0.11	0.06	0.71	0.07	-0.28	0.89	
AMCA8A	0.07	0.25	0.81	0.21	-1.13	0.00	0.12	0.30	1.19	0.11	0.00	0.00	0.07	-0.26	1.49	
C8WDXE	0.08	0.38	0.45	0.24	0.80	1.54	0.11	-0.36	0.63	0.11	0.35	0.54	0.08	0.26	0.15	
D9K9XR	0.07	-0.07	0.00	0.23	-0.13	0.00	0.12	0.34	0.00	0.12	0.53	0.00	0.08	0.54	0.00	
DDYJV9	0.11	2.40	1.04	0.26	2.27	0.60	0.16	3.07X	5.58	0.15	3.48X	1.11	0.11	2.79	1.72	
DXQVYF	0.06	-0.30	0.69	0.23	-0.13	0.71	0.12	-0.27	0.82	0.10	-0.56	0.31	0.08	0.06	0.39	
EAUDBF	0.07	-0.18	0.56	0.21	-0.83	0.53	0.11	-0.45	0.60	0.10	-1.05	1.46	0.06	-0.92	1.06	
GG894F	0.07	-0.17	0.81	0.23	-0.02	0.89	0.12	0.07	0.00	0.11	0.00	0.00	0.08	-0.01	1.49	
GK8G9P	0.05	-1.15	0.21	0.23	0.42	1.31	0.11	-0.50	0.31	0.10	-1.08	0.51	0.07	-0.73	0.26	
MR68A2	0.05	-1.42	0.19	0.18	-2.89	1.10	0.09	-2.10	0.42	0.08	-2.68	0.04	0.06	-1.54	0.09	
NMANR4	0.06	-0.59	0.00	0.24	0.87	1.54	0.12	0.30	1.19	0.11	-0.29	1.17	0.07	-0.51	0.00	
P8PRPC	0.10	1.95	1.40	0.24	0.64	0.89	0.14	1.20	1.19	0.13	1.46	1.17	0.10	1.96	1.49	
PGDJC6	0.05	-1.21	0.35	0.22	-0.55	0.47	0.10	-1.64	0.21	0.09	-1.81	0.31	0.06	-1.20	0.74	
QKQRU2	0.06	-0.47	0.14	0.22	-0.40	0.41	0.11	-0.64	0.52	0.10	-0.76	0.82	0.07	-0.63	1.07	
RMWAR W	0.10	1.74	0.81	0.24	0.64	0.89	0.14	1.66	1.19	0.13	1.75	2.03	0.10	1.96	1.49	
TLGXFP	0.08	0.59	0.16	0.23	0.27	0.27	0.13	0.77	0.48	0.12	0.76	0.51	0.09	1.02	1.42	
U4CD99	0.07	0.23	0.37	0.23	0.02	0.50	0.13	0.66	0.66	0.11	0.26	0.54	0.08	0.43	0.97	
YUTTTR	0.08	0.36	0.20	0.24	0.71	0.85	0.12	-0.07	0.74	0.12	0.56	0.31	0.08	0.00	0.53	



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Soil TN (combustion) (SubTestCode 180) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	0.069	0.23	0.12	0.11	0.077	
Median Abs Dev	0.006	0.01	0.01	0.01	0.007	
Avg Within Lab SD	0.007	0.01	0.00	0.00	0.004	
Labs Included	25	24	24	24	25	
Labs Reporting	25	25	25	25	25	



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups													Data units: Percent		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3WQD73	1.15	0.44	0.55	2.59	0.52	0.83	1.14	0.40	0.83	1.05	0.17	1.04	1.48	0.33	0.88
4W46YJ	1.35	1.31	4.06	2.57	0.37	1.52	1.13	0.11	0.23	1.03	-0.13	0.46	1.40	0.09	0.72
68GNWK	0.60	-1.90	0.28	2.56	0.32	0.24	1.13	0.11	1.61	1.01	-0.58	0.50	0.80	-1.79	0.19
6MPCRD	1.13	0.39	0.32	2.53	0.10	0.37	1.16	0.69	0.69	1.06	0.27	0.23	1.46	0.29	0.39
7JARBY	1.13	0.35	0.10	2.47	-0.38	0.36	1.16	0.74	0.18	1.09	0.90	0.22	1.42	0.16	0.42
7UPEMK	1.06	0.08	0.25	2.49	-0.24	1.29	1.12	-0.06	0.23	1.03	-0.19	0.39	1.37	0.01	0.69
83XH3H	0.78	-1.14	0.47	2.74	1.65	1.67	1.12	-0.06	2.01	1.15	1.96	0.39	0.76	-1.89	1.41
8JH92G	1.05	0.02	1.08	2.45	-0.52	1.29	1.04	-1.36	0.26	0.96	-1.44	1.10	1.37	-0.01	0.00
C8WDXE	1.03	-0.07	0.42	2.48	-0.35	1.93	1.07	-0.90	1.64	1.05	0.20	1.41	1.36	-0.03	1.23
D9K9XR	1.10	0.26	0.00	2.42	-0.77	0.00	1.12	0.06	0.00	1.05	0.10	0.00	1.38	0.04	0.00
DDYJV9	1.01	-0.16	0.51	2.63	0.82	1.26	1.19	1.22	0.97	1.12	1.35	1.92	1.13	-0.74	3.54
DXQVYF	1.04	-0.02	0.31	2.45	-0.51	1.56	1.09	-0.61	1.32	0.99	-0.92	1.04	1.40	0.10	0.21
HKNTNA	1.05	0.02	0.05	2.51	-0.10	0.58	1.11	-0.16	0.24	1.04	-0.10	0.15	1.30	-0.21	0.23
MR68A2	0.50	-2.34	0.39	2.38	-1.04	1.16	1.02	-1.68	0.92	1.08	0.74	2.70	0.65	-2.24	0.57
NMANR4	1.14	0.42	0.12	2.68	1.17	0.36	1.16	0.69	0.40	1.09	0.94	0.23	1.52	0.45	0.16
P8PRPC	1.10	0.26	0.19	2.75	1.75	0.40	1.18	1.04	0.40	1.06	0.29	0.23	1.50	0.41	0.42
PGDJC6	1.02	-0.10	0.21	2.44	-0.62	0.57	1.03	-1.51	0.92	0.94	-1.74	0.60	1.33	-0.13	0.27
QKQRU2	0.62	-1.85	0.41	2.60	0.60	0.65	1.10	-0.43	0.75	1.03	-0.23	1.19	0.77	-1.86	0.79
RMWAR W	1.04	-0.03	0.70	2.54	0.14	0.32	1.13	0.17	1.99	1.01	-0.49	0.60	1.41	0.13	0.69
TLGXFP	0.50	-2.33	0.35	2.32	-1.53	0.06	1.04	-1.46	0.09	1.00	-0.76	0.71	0.53	-2.60	0.26



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Soil TOC (Combustion) (SubTestCode 181) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	1.04	2.52	1.12	1.04	1.37	
Median Abs Dev	0.07	0.07	0.04	0.03	0.08	
Avg Within Lab SD	0.08	0.06	0.03	0.03	0.04	
Labs Included	20	20	20	20	20	
Labs Reporting	20	20	20	20	20	



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups														Data units: Percent		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3KGDY4	0.99	-0.62	0.30	4.10	-0.60	1.18	2.14	0.45	1.65	1.62	-1.57	0.90	1.37	0.25	0.73	
7JARBY	0.95	-0.93	0.60	4.68	0.44	0.90	2.20	0.73	0.50	1.83	-0.19	0.69	1.33	-0.02	0.84	
83XH3H	1.06	-0.09	0.26	4.91	0.85	0.42	2.08	0.20	0.13	1.87	0.07	0.10	1.35	0.14	0.42	
8J87EJ	1.03	-0.32	0.29	4.71	0.49	1.01	1.91	-0.55	0.29	1.80	-0.39	0.21	1.23	-0.59	0.40	
8JH92G	1.07	-0.01	0.32	4.87	0.77	0.38	2.08	0.17	0.29	1.92	0.38	0.41	1.34	0.08	0.61	
8JKTWX	1.08	0.01		4.24	-0.34		1.99	-0.21		1.68	-1.19		1.27	-0.36		
8NXGPG	1.05	-0.16	0.13	3.62	-1.44	0.73	1.95	-0.40	0.57	1.75	-0.73	1.12	1.14	-1.11	0.54	
AGRLJE	1.00	-0.57	0.10	4.96	0.94	0.07	2.00	-0.17	0.23	1.98	0.76	0.06	1.25	-0.48	0.38	
D9HN2C	1.09	0.10	0.22	5.28	1.51	0.94	2.11	0.30	0.10	1.93	0.44	0.50	1.36	0.16	0.42	
GEFCEL	1.26	1.33	0.30	4.29	-0.26	0.30	2.15	0.51	0.26	1.86	0.03	0.44	1.43	0.60	0.18	
LKTJ82	1.24	1.16	0.56	4.09	-0.61	1.53	2.51	2.09	2.49	2.20	2.21	0.76	1.76	2.50	0.97	
LNRV32	1.23	1.13	0.29	4.68	0.44	1.14	1.84	-0.87	2.82	1.86	0.03	3.35	1.39	0.37	3.31	
M34TK8	0.84	-1.70	0.01	4.91	0.85	0.11	2.00	-0.17	0.37	1.87	0.08	0.04	1.20	-0.78	0.03	
MR68A2	0.92	-1.10	0.05	4.27	-0.29	0.26	1.82	-0.95	0.37	1.70	-1.05	0.12	1.18	-0.85	0.30	
NMANR4	1.04	-0.24	0.25	4.45	0.03	0.22	2.10	0.27	0.31	1.73	-0.82	0.50	1.35	0.10	0.18	
R4M7DZ	1.10	0.17	0.00	3.93	-0.89	0.86	1.70	-1.48	0.00	1.80	-0.38	0.00	1.07	-1.53	0.69	
RD8A3R	0.42	-4.71X	1.26	1.26	-5.65X	0.52	0.87	-5.12X	0.33	0.79	-6.96X	0.34	0.59	-4.29X	0.16	
RRBFGW	2.10	7.41X	0.47	8.29	6.87X	1.71	3.46	6.25X	1.31	2.84	6.36X	1.63	2.56	7.14X	1.75	
TFBRVZ	1.20	0.89	4.36	4.23	-0.36	3.10	1.87	-0.75	1.30	1.80	-0.38	2.10	1.07	-1.53	1.81	
TLGXFP	1.22	1.01	0.42	5.26	1.48	0.75	2.33	1.27	0.79	2.05	1.22	0.64	1.50	0.97	1.47	
U4CD99	1.13	0.41	0.48	4.83	0.71	0.43	2.17	0.57	0.49	1.93	0.48	0.61	1.33	0.02	0.69	
VYY6CW	1.23	1.13	0.48	4.23	-0.36	0.43	2.17	0.57	0.49	1.87	0.05	0.61	1.40	0.41	0.00	
XA8E2X	1.10	0.17	0.23	4.42	-0.03	0.90	1.91	-0.56	0.24	1.86	-0.03	0.37	1.24	-0.55	0.08	
YUTTTR	0.86	-1.55	0.06	3.79	-1.14	0.25	1.67	-1.63	0.06	1.50	-2.36	0.18	1.08	-1.43	0.08	



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SOM - Walkley-Black (SubTestCode 182) in the Soil Organic Matter Property Groups						Data units: Percent
	SRS2306	SRS2307	SRS2308	SRS2309	SRS2310	
Grand Median	1.08	4.43	2.04	1.86	1.33	
Median Abs Dev	0.08	0.34	0.13	0.06	0.09	
Avg Within Lab SD	0.12	0.13	0.12	0.10	0.08	
Labs Included	22	22	22	22	22	
Labs Reporting	24	24	24	24	24	



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups															Data units: Percent		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
2TREH6	1.20	-0.33	0.00	4.34	-1.71	0.00	2.23	-0.77	0.00	1.98	-0.64	0.00	1.69	0.41	0.00		
3B7BDN	1.26	0.23	0.70	4.45	-1.19	0.18	2.33	-0.19	0.23	2.04	-0.27	0.09	1.69	0.40	0.31		
3HNK2K	1.25	0.17	0.34	5.07	1.84	0.52	2.45	0.52	0.56	2.14	0.39	0.64	1.59	-0.16	0.31		
3KGDY4	1.37	1.38	0.53	5.00	1.52	0.24	2.58	1.22	0.32	2.34	1.70	0.07	1.74	0.72	0.26		
3WQD73	1.39	1.55	0.68	4.74	0.24	2.47	2.61	1.40	0.56	2.24	1.01	1.85	2.01	2.22	0.23		
4RCUPL	1.14	-0.89	0.32	4.40	-1.44	0.06	2.30	-0.34	0.50	1.94	-0.89	0.84	1.57	-0.23	0.39		
4W46YJ	1.20	-0.33	0.00	4.63	-0.28	0.68	2.43	0.41	0.78	2.13	0.35	0.92	1.80	1.03	1.51		
64ZF9L	1.20	-0.33	0.00	4.70	0.04	0.00	2.30	-0.36	1.35	2.00	-0.51	1.60	1.57	-0.27	0.87		
66C3XM	2.66	14.13X	1.66	2.67	-9.85X	1.03	2.68	1.84	0.56	2.76	4.38X	1.73	1.25	-2.06	1.03		
6BFYPZ	1.19	-0.46	1.36	4.51	-0.90	0.75	2.24	-0.71	0.62	2.03	-0.34	0.40	1.60	-0.11	0.44		
7JARBY	1.10	-1.32	0.00	4.37	-1.58	0.68	2.10	-1.51	0.00	1.85	-1.47	0.80	1.47	-0.83	0.87		
7UPEMK	1.28	0.46	0.17	4.67	-0.12	0.07	2.33	-0.19	0.13	2.08	0.03	0.18	1.50	-0.66	0.31		
8JH92G	1.39	1.59	1.19	4.91	1.07	1.02	2.45	0.53	0.01	2.33	1.59	0.69	1.83	1.20	0.38		
8JKTWX	1.12	-1.17		3.03	-8.08X		1.46	-5.20X		1.68	-2.58		1.48	-0.78			
BV9RED	1.29	0.56	0.17	4.80	0.53	0.00	2.50	0.79		2.20	0.78	0.00	1.80	1.03	0.00		
CZYKPK	1.34	1.02	1.94	4.87	0.87	0.36	2.60	1.37	0.88	2.25	1.11	0.26	1.84	1.24	0.18		
D9K9XR	1.31	0.76	0.00	4.75	0.29	0.00	2.45	0.48	0.00	2.08	0.00	0.00	1.61	-0.04	0.00		
DDYJV9	1.50	2.61	3.81	4.92	1.10	2.67	2.64	1.60	3.96	2.31	1.48	3.34	1.91	1.66	3.74		
DXQVYF	1.27	0.33	1.95	4.87	0.85	0.68	2.50	0.79	1.35	2.17	0.56	0.92	1.67	0.28	0.87		
E46ZAR	1.28	0.50	0.76	4.74	0.25	0.49	2.47	0.64	1.51	2.09	0.05	1.21	1.70	0.47	0.45		
EAUDBF	1.12	-1.09	0.42	4.58	-0.56	1.33	2.13	-1.34	0.75	1.91	-1.07	0.65	1.28	-1.89	1.07		
EGUXBQ	1.24	0.10	0.59	4.67	-0.11	0.72	2.36	-0.04	0.08	2.05	-0.19	0.42	1.60	-0.09	0.40		
GG894F	1.20	-0.30	0.10	4.61	-0.40	0.24	2.34	-0.13	0.13	2.05	-0.21	0.18	1.60	-0.11	0.09		
GK8G9P	1.25	0.13	0.39	4.56	-0.66	1.27	2.26	-0.57	0.68	2.00	-0.49	0.24	1.45	-0.94	0.88		
GWY4EK	1.23	-0.07	0.19	4.68	-0.04	0.45	2.37	0.02	0.31	2.10	0.16	1.04	1.64	0.14	0.40		
H36YZ7	4.57	33.08X	1.95	2.20	-12.13X	2.05	2.10	-1.51	2.33	1.53	-3.51X	3.69					



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SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups															Data units: Percent	
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
JHDB3J	1.36	1.26	0.68	4.66	-0.15	2.07	2.47	0.60	1.25	2.17	0.61	1.21	1.83	1.20	0.80	
L3RWF3	1.33	0.93	0.35	4.75	0.28	0.36	2.51	0.87	0.47	2.27	1.23	0.55	1.76	0.79	0.31	
LNRV32	1.36	1.29	2.27	4.77	0.40	2.80	2.47	0.60	1.86	2.12	0.29	2.45	1.62	0.04	3.17	
MMCX9F	1.20	-0.30	0.13	4.70	0.05	0.19	2.26	-0.58	0.34	2.01	-0.46	0.51	1.47	-0.81	0.12	
PWUER2	1.17	-0.66	0.97	4.53	-0.77	0.68	2.27	-0.55	0.78	1.90	-1.15	1.60	1.50	-0.65		
RYBHC4	1.27	0.36	0.17	4.64	-0.25	0.12	2.39	0.16	0.13	2.01	-0.44	0.16	1.64	0.14	0.15	
U4CD99	1.17	-0.66	0.97	4.77	0.37	0.68	2.43	0.41	0.78	2.03	-0.29	0.92	1.47	-0.83	0.87	
U76AX3	1.10	-1.32	0.00	4.50	-0.93		2.13	-1.32	0.78	1.90	-1.15	0.00	1.40	-1.20	0.00	
UBUJPT	1.23	-0.07	0.97	4.84	0.71	0.27	2.38	0.08	0.61	2.12	0.29	0.79	1.56	-0.29	0.83	
UDGKQU	1.18	-0.55	0.21	4.70	0.06	0.26	2.36	-0.02	0.09	2.18	0.67	0.19	1.66	0.26	0.09	
VV2EEX	1.20	-0.33	0.00	4.50	-0.93		2.30	-0.36	0.00	2.00	-0.51		1.70	0.47	0.00	
VYY6CW	1.23	0.00	0.97	4.63	-0.28	0.68	2.33	-0.17	0.78	2.03	-0.29	0.92	1.50	-0.65		
W7UULQ	1.28	0.46	0.24	4.81	0.55	0.34	2.51	0.84	1.05	2.16	0.54	0.58	1.56	-0.33	1.29	
XA8E2X	1.33	0.93	0.93	4.74	0.22	0.65	2.47	0.62	0.62	2.13	0.31	0.82	1.72	0.60	1.06	
Y9AN9N	1.21	-0.23	0.17	4.74	0.25	0.07	2.30	-0.34	0.21	2.19	0.74	0.18	1.69	0.41	0.15	
YC93UT	1.20	-0.33	0.00	4.66	-0.17	0.30	2.32	-0.23	0.08	2.08	-0.02	0.09	1.60	-0.07	0.09	
ZX9M74	1.21	-0.26	1.12	4.08	-3.00	1.55	2.14	-1.30	0.16	1.95	-0.81	0.67	1.73	0.62	0.92	

SOM - LOI (% Wt loss) (SubTestCode 183) in the Soil Organic Matter Property Groups															Data units: Percent	
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	1.23			4.69			2.36			2.08			1.62			
Median Abs Dev	0.05			0.10			0.10			0.08			0.11			
Avg Within Lab SD	0.06			0.08			0.07			0.06			0.07			
Labs Included	41			40			42			41			42			
Labs Reporting	43			43			43			43			42			



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SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
68GNWK	1.33		1.41	4.93		1.01	2.63		1.09	2.27		0.75	1.73		1.18	
GZDDC3	1.30		0.07	4.65		0.99	2.11		0.90	1.95		1.20	1.40		0.79	
SOM - Actual (Unregressed) (SubTestCode 184) in the Soil Organic Matter Property Groups														Data units: %		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Grand Median		1.32			4.79			2.37			2.11			1.57		
Median Abs Dev																
Avg Within Lab SD		0.08			0.11			0.14			0.08			0.18		
Labs Included		2			2			2			2			2		
Labs Reporting		2			2			2			2			2		



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CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3KGDY4	4.68	0.56	1.44	-0.02	-1.05	0.88	0.19	-0.40	0.40	0.53	1.49	0.71	6.74	0.41	0.30	
68GNWK	4.18	0.00	0.71				0.52	1.84		0.47	1.15	0.94	5.46	-0.27	0.29	
92MQVM	4.46	0.31	1.59	0.18	-0.27	1.27	0.16	-0.56	1.52	0.24	-0.08	2.26	6.48	0.27	2.57	
E46ZAR	4.39	0.24	1.32	0.38	0.52	2.00	0.38	0.92	1.43	0.46	1.10	0.66	6.46	0.26	1.04	
EGUXBQ	10.80	7.42X	4.23	0.87	2.42	0.77	1.00	5.06X	2.02	1.07	4.45X	2.23	16.00	5.31X	2.71	
HKNTNA	4.04	-0.16	0.57	0.32	0.28	0.17	0.12	-0.88	0.34	0.26	0.00	0.24	5.97	0.00	0.08	
LP4UWA	2.79	-1.56	0.35										3.52	-1.30	0.19	
M34TK8	2.24	-2.18	0.02	0.25	0.00	0.00	0.25	0.00	0.00	0.25	-0.04	0.00	2.72	-1.72	0.03	
TLGXFP	4.25	0.08											6.75	0.41		
U4CD99	3.30	-0.99	0.84	0.20	-0.19	0.00	0.27	0.14	1.17	0.10	-0.86	0.00	3.27	-1.43	0.28	

CaCO3 Content (SubTestCode 185) in the Content Property Groups														Data units: Percent		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	4.18			0.25			0.25			0.26			5.97			
Median Abs Dev	0.28			0.07			0.08			0.16			0.77			
Avg Within Lab SD	0.21			0.07			0.05			0.07			0.21			
Labs Included	9			7			7			7			9			
Labs Reporting	10			7			8			8			10			



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CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups													Data units: cmol/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3KGDY4	9.29	1.15	0.17	10.88	1.41	0.22	13.64	1.54	0.08	12.94	0.94	0.02	14.89	0.58	0.43
68GNWK	8.27	0.44	0.19	8.04	0.00	0.62	11.37	0.33	0.42	11.00	0.07	0.94	12.77	-0.18	0.94
7JARBY	6.89	-0.51	0.12	8.18	0.07	0.75	10.74	0.00	0.34	9.85	-0.45	0.08	11.60	-0.59	0.10
83XH3H	7.61	-0.01	0.17	4.38	-1.82	0.99	8.49	-1.19	0.16	11.34	0.22	0.42	13.57	0.11	0.34
92MQVM	8.80	0.81	0.91	6.10	-0.96	0.88	9.73	-0.53	1.70	12.80	0.88	1.22	13.70	0.15	1.21
JLQBZB	7.63	0.00	0.14	8.84	0.40	0.26	11.65	0.48	0.15	10.70	-0.07	0.24	12.97	-0.11	0.15
MR68A2	11.63	2.76	3.11	10.87	1.41	1.01	11.95	0.64	2.43	12.39	0.69	1.05	14.75	0.52	0.67
PGDJC6	6.72	-0.63	0.09	7.27	-0.38	0.40	10.29	-0.24	0.37	9.83	-0.46	0.66	11.26	-0.71	0.46
TFBRVZ	7.07	-0.39	0.48	7.90	-0.07	1.44	10.27	-0.25	0.24	8.90	-0.88	0.96	10.97	-0.82	0.72
TLGXFP	7.77	0.10	0.04	9.13	0.54	1.04	12.77	1.08	0.16	10.10	-0.34	0.31	16.20	1.04	0.48
VKDPAW	15.17	5.20X	0.37	15.60	3.76X	1.32	24.70	7.41X	0.41	15.43	2.06	2.18	19.43	2.18	2.52
YUTTTR	6.70	-0.64	0.36	7.33	-0.35	1.96	8.60	-1.14	1.28	8.55	-1.04	1.44	10.14	-1.11	1.25

CEC - Cation Displacement (SubTestCode 186) in the Other 1 Property Groups													Data units: cmol/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	7.63			8.04			10.7			10.9			13.3		
Median Abs Dev	0.74			0.81			1.0			1.3			1.6		
Avg Within Lab SD	1.48			0.45			1.0			0.6			0.6		
Labs Included	11			11			11			12			12		
Labs Reporting	12			12			12			12			12		



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CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3B7BDN	23.57	1.06	0.39	7.67	-0.27	0.10	13.10	0.31	1.00	14.30	0.69	0.40	33.13	0.83	0.83
4W46YJ	28.50	1.90	0.33	11.60	0.50	0.44	12.90	0.24	0.35	9.57	-1.29	0.48	35.23	1.08	0.06
66C3XM	12.82	-0.78	2.74	13.49	0.87	2.01	15.89	1.28	0.81	11.99	-0.27	0.41	10.34	-1.89	1.10
7UPEMK	24.15	1.16	0.22	13.71	0.92	0.36	13.28	0.37	0.31	14.53	0.79	1.01	31.60	0.64	0.52
83XH3H	13.85	-0.60	0.70	4.04	-0.98	0.07	8.63	-1.25	0.29	11.78	-0.36	0.39	26.19	0.00	0.20
92MQVM	16.97	-0.07	0.78	4.20	-0.95	0.17	9.47	-0.96	0.31	11.80	-0.35	0.79	26.37	0.02	0.56
AGRLJE	17.79	0.07	0.28	4.26	-0.93	0.02	9.18	-1.06	0.11	10.80	-0.77	0.03	30.56	0.52	0.21
E46ZAR	13.30	-0.70	0.38	3.67	-1.05	0.19	9.17	-1.06	0.31	11.30	-0.56	0.61	20.77	-0.64	0.20
EAUDBF	18.33	0.16	1.52	9.03	0.00	3.15	8.97	-1.13	2.49	12.83	0.08	0.58	26.67	0.06	3.40
GK8G9P	13.07	-0.74	0.57	11.17	0.42	1.13	13.67	0.50	2.10	13.10	0.19	0.79	20.30	-0.70	0.17
GWY4EK	18.77	0.24	0.76	12.60	0.70	0.88	13.07	0.30	0.81	14.93	0.96	2.98	25.50	-0.08	0.43
P8PRPC	12.27	-0.87	0.29	3.91	-1.00	0.07	9.21	-1.05	0.40	11.27	-0.58	0.13	19.97	-0.74	0.40
PGDJC6	11.25	-1.05	0.91	12.04	0.59	0.40	12.22	0.00	1.18	8.97	-1.54	0.65	16.22	-1.19	0.67
RRBFGW	16.08	-0.22	0.44	5.07	-0.78	0.22	10.56	-0.58	1.01	12.64	0.00	0.31	23.32	-0.34	0.55
XA8E2X	17.87	0.08	1.22	14.33	1.04	0.42	14.37	0.75	0.90	12.93	0.12	1.72	24.43	-0.21	0.99
XN9DPV	23.73	1.09	1.03	7.37	-0.33	0.10	12.10	-0.04	0.35	15.60	1.24	0.92	31.00	0.57	0.77
Y9AN9N	41.13	4.06X	0.47	9.80	0.15	0.44	13.97	0.61	0.23	16.67	1.68	0.35	42.67	1.96	0.37

CEC - Estimation (SubTestCode 187) in the Other 1 Property Groups													Data units: cmol/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	17.4			9.03			12.2			12.6			26.2		
Median Abs Dev	4.2			3.96			1.7			1.4			5.4		
Avg Within Lab SD	0.5			0.60			0.5			0.4			1.0		
Labs Included	16			17			17			17			17		
Labs Reporting	17			17			17			17			17		



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Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
ALNZEG	1.56	0.71	0.59	1.37	0.77	0.29	1.22	0.00	0.20	1.48	0.32	0.44	1.43	0.90	0.42	
RRBFGW	1.50	0.00	0.31	1.25	0.00	0.87	1.13	-0.61	1.92	1.40	-0.38	1.91	1.28	-0.19	0.93	
TLGXFP	1.66	1.83	0.00	1.58	2.04	0.29	1.50	1.92	0.20	1.71	2.33	0.00	1.61	2.16	0.42	
W8RMDQ	1.47	-0.38	1.78	1.18	-0.42	1.03	1.28	0.43	0.35	1.44	0.00	0.76	1.31	0.00	1.25	
XN9DPV	1.46	-0.46	1.18	1.23	-0.15	1.74	1.16	-0.41	1.06	1.40	-0.35	0.76	1.29	-0.12	1.50	
Soil Density (Scoop) (SubTestCode 188) in the Other 1 Property Groups														Data units: g/cc		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	1.50			1.25			1.22			1.44			1.31			
Median Abs Dev	0.04			0.07			0.06			0.04			0.03			
Avg Within Lab SD	0.01			0.02			0.03			0.01			0.01			
Labs Included	5			5			5			5			5			
Labs Reporting	5			5			5			5			5			



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TREH6	84.6	1.22	0.00	7.2	-14.77X	0.00	44.3	4.40X	0.00	64.0	2.91X	0.00	52.2	2.09	0.00
2X73BN	77.0	-0.83	0.84	61.3	-0.67	1.37	19.2	-1.03	0.96	45.2	-0.99	0.77	31.5	-1.33	0.17
3KGD4	79.2	-0.23	1.80	61.5	-0.60	0.53	21.2	-0.61	0.47	47.5	-0.51	0.44	36.2	-0.55	0.73
3WQD73	85.3	1.43	2.76	70.7	1.79	1.05	30.7	1.45	0.94	54.0	0.83	1.52	44.7	0.84	0.84
4W46YJ	78.5	-0.43	0.21	66.3	0.64	1.05	33.1	1.97	0.19	54.9	1.02	0.88	47.0	1.23	0.25
64ZF9L	84.7	1.25	2.08	66.7	0.74	1.05	28.7	1.02	0.94	54.0	0.83	1.52	44.0	0.73	1.46
6MPCRD	80.0	-0.01		66.7	0.74	1.32	28.3	0.94	1.18	55.0	1.04		45.4	0.97	0.53
83XH3H	82.7	0.73	0.00	65.7	0.50	0.00	25.8	0.39	0.00	58.2	1.70	0.00	51.6	2.00	0.00
8JKTWX	82.2	0.58		68.7	1.27		23.3	-0.14		51.6	0.34		40.7	0.19	
92MQVM	79.3	-0.19	0.52	67.7	1.00	1.39	26.3	0.51	1.25	49.3	-0.14	1.58	42.7	0.51	3.67
AGRLJE	78.8	-0.34	1.32	63.8	0.00	0.01	18.7	-1.13	0.02	47.3	-0.56	1.13	35.8	-0.62	1.10
AMCA8A	73.7	-1.73	1.88	60.0	-1.00	2.41	24.0	0.01		50.0	0.00	1.52	38.0	-0.26	0.73
B8GJXD	84.8	1.29	0.00	66.5	0.70	0.00	23.9	-0.01	0.00	46.4	-0.74	0.00	35.0	-0.75	0.00
BV9RED	73.0	-1.91		63.0	-0.21		23.0	-0.21		46.0	-0.83		38.0	-0.26	
C8WDXE	77.4	-0.72	0.36	59.4	-1.14	0.50	18.2	-1.26	0.29	45.7	-0.90	0.33	33.1	-1.07	0.04
DDYJV9	80.3	0.08	0.26	63.5	-0.08	1.21	28.2	0.91	1.65	52.2	0.45	0.22	42.5	0.49	0.37
DXQVYF	79.1	-0.27	1.49	60.7	-0.82	1.00	21.3	-0.58	1.90	46.0	-0.83	0.78	38.0	-0.26	1.76
E46ZAR	71.1	-2.43	0.99	57.4	-1.67	0.63	16.8	-1.55	0.82	45.1	-1.02	0.88	30.1	-1.57	0.34
GG894F	80.1	0.01	1.74	64.9	0.27	1.37	24.8	0.17	1.23	44.6	-1.12	1.10	37.6	-0.32	0.00
GK8G9P	83.0	0.80		65.0	0.31		25.0	0.22		53.0	0.63		43.0	0.57	
GWY4EK	80.8	0.20	0.00	62.8	-0.27	1.82	24.1	0.04	0.94	51.5	0.31	0.88	41.5	0.32	2.23
HFUYQ9	82.9	0.77	0.65	64.2	0.09	1.32	26.7	0.58	0.59	51.7	0.35	1.10	41.7	0.35	0.53
M34TK8	83.9	1.03	0.44	69.0	1.34	0.91	30.5	1.41	0.86	56.4	1.33	1.33	47.9	1.38	0.56
MR68A2	78.4	-0.45	0.00	63.1	-0.20	1.05	23.1	-0.20	0.94	47.7	-0.47	0.88	36.4	-0.52	0.00
PGDJC6	80.8	0.20	0.19	63.1	-0.17	0.15	20.9	-0.67	0.09	47.5	-0.52	0.36	36.7	-0.47	0.17
QKQRU2	78.8	-0.34	0.45	58.4	-1.42	0.25	17.9	-1.31	0.11	45.6	-0.92	0.08	34.0	-0.91	0.73



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Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
RD8A3R	82.8	0.73	0.36	69.1	1.39	0.89	28.5	0.97	0.28	58.7	1.82	2.53	41.9	0.38	1.08
RRBFGW	81.5	0.39	0.26	64.1	0.09	0.27	25.5	0.34	0.24	51.2	0.26	0.23	41.2	0.28	0.20
TLGXFP	79.0	-0.28		64.0	0.05		23.7	-0.07	0.47	50.0	0.00		39.0	-0.09	
U76AX3	79.6	-0.12	0.00	63.9	0.02	0.00	23.2	-0.16	3.17	52.5	0.53	1.10	40.1	0.09	0.00
VKDDPW	78.7	-0.37	1.04	60.7	-0.82	1.05	50.7	5.78X	0.94	48.7	-0.28	0.88	46.0	1.06	
W7EXCY	80.3	0.07	0.15	63.7	-0.03	0.21	21.1	-0.63	0.11	46.5	-0.72	0.10	34.7	-0.79	0.25
XA8E2X	80.8	0.19	0.96	63.3	-0.15	0.32	24.8	0.17	0.87	51.3	0.26	0.81	39.8	0.03	0.26
Y9AN9N	79.6	-0.12	0.00	59.4	-1.15	0.00	23.4	-0.12	0.00	47.4	-0.54	0.00	37.4	-0.36	0.00
YUTTTR	82.2	0.58	0.00	65.7	0.50	1.37	27.3	0.73	1.18	50.8	0.16	1.10	35.9	-0.61	1.10
ZX9M74	72.8	-1.97	0.00	57.1	-1.75	0.00	17.4	-1.43	0.00	46.9	-0.64	0.00	39.4	-0.03	0.00

Sand 2000 - 50 um (SubTestCode 189) in the Particle Size Analysis Property Groups													Data units: Percent		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	80.1			63.8			24.0			50.0			39.6		
Median Abs Dev	1.6			2.5			2.8			3.0			3.3		
Avg Within Lab SD	1.1			1.1			1.2			1.3			1.4		
Labs Included	36			35			34			35			36		
Labs Reporting	36			36			36			36			36		



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
2TREH6	7.1	-0.51	0.00	17.5	-1.74	0.00	37.2	-3.59X	0.00	21.3	-3.71X	0.00	21.1	-2.20	0.00
2X73BN	8.8	-0.06	0.10	21.1	-0.67	1.26	53.4	-0.26	3.20	35.1	0.07	0.88	35.3	0.18	0.50
3KGDY4	12.8	0.95	1.09	26.8	1.04	0.40	60.7	1.26	0.00	38.8	1.08	0.42	39.4	0.86	0.37
3WQD73	8.7	-0.11	0.82	23.3	0.01	0.80	51.3	-0.67	0.72	34.7	-0.05	0.83	30.7	-0.60	1.47
4W46YJ	12.2	0.80	0.25	23.0	-0.09	0.86	45.1	-1.95	0.64	30.3	-1.24	0.83	26.1	-1.36	0.90
64ZF9L	12.1	0.77	1.81	24.3	0.31	0.80	53.7	-0.19	0.72	34.7	-0.05	1.66	34.3	0.01	1.47
6MPCRD	7.5	-0.41		19.2	-1.24	2.00	50.8	-0.78	1.80	29.6	-1.44	0.52	27.1	-1.20	0.46
83XH3H	4.9	-1.07	0.00	22.0	-0.38	0.00	54.4	-0.03	0.00	27.1	-2.13	0.00	24.2	-1.69	0.00
8JKTWX	12.8	0.96		24.3	0.30		59.7	1.05		37.4	0.69		34.3	0.00	
92MQVM	9.3	0.06	2.29	23.7	0.11	1.74	56.3	0.36	1.30	37.0	0.60	1.90	31.7	-0.44	3.50
AGRLJE	11.9	0.72	2.09	23.3	-0.01	0.01	60.9	1.31	0.01	36.6	0.47	1.06	39.0	0.80	0.00
AMCA8A	15.0	1.52	2.14	26.7	1.01	2.43	56.0	0.29		33.3	-0.41	2.20	36.7	0.40	0.37
B8GJXD	2.5	-1.69	0.00	20.6	-0.80	0.00	53.3	-0.28		35.7	0.24	0.00	36.4	0.35	0.00
BV9RED	13.0	1.01		23.0	-0.09		53.0	-0.33		35.0	0.05		32.0	-0.38	
C8WDXE	13.5	1.14	0.21	28.2	1.47	0.30	56.7	0.43	0.29	37.8	0.82	0.44	40.9	1.11	0.26
DDYJV9	7.8	-0.32	0.21	21.3	-0.59	1.31	46.7	-1.64	1.18	30.0	-1.33	0.36	28.3	-0.99	0.92
DXQVYF	7.5	-0.41		21.6	-0.50	0.76	50.4	-0.87	1.13	33.5	-0.36	0.58	28.6	-0.95	1.15
E46ZAR	14.1	1.28	1.29	24.6	0.39	0.73	54.7	0.01	0.19	35.0	0.05	1.32	37.1	0.47	0.45
GG894F	5.5	-0.93	1.89	20.2	-0.94	1.37	54.9	0.07	0.94	37.5	0.72	1.04	36.4	0.36	0.00
GK8G9P	8.0	-0.28		22.0	-0.39		56.0	0.29		32.0	-0.78		32.0	-0.38	
GWY4EK	10.5	0.37	1.57	23.9	0.17	1.76	54.5	-0.01	1.37	34.5	-0.08	0.17	31.9	-0.40	1.98
HFUYQ9	8.3	-0.19	0.51	25.0	0.51	0.87	55.0	0.08	0.78	34.6	-0.07	1.04	34.2	-0.02	0.46
M34TK8	6.7	-0.62	0.41	20.8	-0.76	0.80	51.6	-0.61	0.87	30.1	-1.29	1.24	29.4	-0.82	0.54
MR68A2	10.4	0.34	0.00	21.7	-0.47	0.80	51.7	-0.59	0.72	35.1	0.06	0.83	32.4	-0.31	0.00
PGDJC6	8.6	-0.12	0.27	25.9	0.79	0.19	63.0	1.74	0.18	38.3	0.94	0.52	39.6	0.89	0.21
QKQRU2	12.8	0.96	0.44	28.8	1.65	0.13	61.9	1.50	0.24	40.6	1.58	0.34	44.4	1.69	1.02



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Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2306				SRS2307			SRS2308			SRS2309			SRS2310		
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
RD8A3R	9.6	0.13	0.38	23.2	-0.03	0.98	55.2	0.12	0.59	30.2	-1.28	2.51	36.1	0.31	1.43
RRBFGW	6.8	-0.58	0.08	20.9	-0.73	0.08	48.1	-1.33	0.42	30.5	-1.19	0.46	27.2	-1.19	0.42
TLGXFP	14.0	1.27		28.0	1.41		56.3	0.36	0.36	38.0	0.87		37.0	0.46	
U76AX3	8.5	-0.14	1.03	24.9	0.49	1.04	58.2	0.74	1.59	33.0	-0.49	0.04	35.6	0.23	0.95
VKDDAW	4.7	-1.14	0.82	18.7	-1.38	0.80	8.7	-9.48X	0.72	5.3	-8.10X	0.83	3.3	-5.17X	0.73
W7EXCY	11.7	0.67	0.20	25.3	0.61	0.27	62.4	1.60	0.23	40.1	1.43	0.09	36.2	0.32	0.30
XA8E2X	12.5	0.88	0.50	27.3	1.18	1.22	55.0	0.08	0.88	36.5	0.46	0.51	35.0	0.12	0.90
Y9AN9N	8.1	-0.25	0.00	24.2	0.27	0.00	48.1	-1.34	0.00	34.1	-0.20	0.00	30.1	-0.69	0.00
YUTTTR	7.6	-0.38	0.00	18.9	-1.32	1.04	52.4	-0.46	0.90	33.9	-0.25	1.04	38.1	0.64	0.95
ZX9M74	13.8	1.22	0.00	24.9	0.47	0.00	53.2	-0.28	0.00	35.4	0.17	0.00	29.4	-0.81	0.00

Silt 50 - 2 um (SubTestCode 190) in the Particle Size Analysis Property Groups													Data units: Percent		
SRS2306				SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	9.09			23.3			54.6			34.8			34.3		
Median Abs Dev	2.50			1.8			2.2			2.0			2.8		
Avg Within Lab SD	1.41			1.4			1.6			1.4			1.6		
Labs Included	36			36			34			34			35		
Labs Reporting	36			36			36			36			36		



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
2TREH6	8.3	-0.57	0.00	10.3	-0.63	0.00	18.5	-0.34	0.00	14.7	-0.04	0.00	26.7	0.15	0.00	
2X73BN	14.2	1.05	0.85	17.7	1.20	1.60	27.5	1.38	3.23	19.7	1.09	0.22	33.1	1.47	0.87	
3KGDY4	8.1	-0.62	0.56	11.8	-0.26	0.00	18.1	-0.41	0.47	13.8	-0.25	0.00	24.5	-0.31	0.52	
3WQD73	6.0	-1.21	1.93	6.0	-1.70	2.12	18.0	-0.44	1.62	11.3	-0.81	1.13	24.7	-0.27	2.73	
4W46YJ	9.3	-0.29	0.49	10.7	-0.53	0.32	21.8	0.29	0.81	14.8	-0.02	0.00	26.9	0.18	1.26	
64ZF9L	3.4	-1.93	0.00	8.6	-1.06	0.00	17.7	-0.50	0.93	11.3	-0.81	1.13	21.7	-0.89	1.03	
6MPCRD	12.5	0.59		14.2	0.32	1.53	20.8	0.11	1.17	15.4	0.12	0.71	27.5	0.31		
83XH3H	12.3	0.54	0.00	12.2	-0.15	0.00	19.8	-0.09	0.00	14.8	-0.03	0.00	24.2	-0.37	0.00	
8JKTWX	5.0	-1.49		7.0	-1.45		17.0	-0.63		11.0	-0.88		25.0	-0.20		
92MQVM	11.3	0.26	2.95	8.7	-1.04	2.44	17.3	-0.56	0.93	13.7	-0.28	0.57	25.7	-0.07	0.52	
AGRLJE	9.3	-0.29	1.41	12.9	0.02	0.00	20.3	0.01	0.01	16.2	0.28	1.45	25.2	-0.17	1.35	
AMCA8A	11.3	0.26	1.11	13.3	0.12	1.22	20.0	-0.05		16.7	0.40	2.99	25.3	-0.13	1.03	
B8GJXD	12.7	0.63	0.00	12.9	0.01	0.00	22.8	0.49	0.00	17.9	0.67	0.00	28.6	0.54	0.00	
BV9RED	14.0	1.00		14.0	0.28		24.0	0.72		19.0	0.93		30.0	0.82		
C8WDXE	9.1	-0.35	0.11	12.3	-0.13	0.16	25.1	0.92	0.12	16.5	0.36	0.51	26.0	0.00	0.37	
DDYJV9	11.8	0.40	0.56	15.2	0.57	0.61	25.2	0.94	1.23	17.8	0.66	0.57	29.2	0.65	1.37	
DXQVYF	13.5	0.86	1.54	17.7	1.19	1.62	28.3	1.55	1.54	20.4	1.25	1.77	33.4	1.52	2.06	
E46ZAR	14.9	1.24	0.80	18.0	1.28	0.85	28.5	1.59	0.92	19.9	1.13	0.82	32.9	1.41	1.02	
GG894F	14.4	1.12	0.72	15.0	0.52	0.79	20.3	0.00	0.00	17.9	0.68	0.00	26.0	0.00		
GK8G9P	9.0	-0.38		13.0	0.04		19.0	-0.24		15.0	0.02		25.0	-0.20		
GWY4EK	8.7	-0.47	2.13	13.3	0.12	1.36	21.3	0.20	1.04	14.0	-0.20	1.36	26.7	0.14	0.21	
HFUYQ9	8.8	-0.45		10.8	-0.50	0.76	18.3	-0.37	0.58	13.8	-0.26		24.2	-0.37	0.65	
M34TK8	9.5	-0.25	0.08	10.3	-0.64	0.16	17.9	-0.46	0.33	13.5	-0.32	0.72	22.7	-0.68	0.23	
MR68A2	11.2	0.23	0.00	15.2	0.58	0.00	25.2	0.95	0.00	17.2	0.52	0.00	31.2	1.07	0.00	
PGDJC6	10.6	0.05	0.17	10.9	-0.48	0.24	16.1	-0.81	0.15	14.2	-0.15	0.43	23.7	-0.47	0.10	
QKQRU2	8.4	-0.56	0.58	12.8	-0.01	0.09	20.2	-0.01	0.38	13.8	-0.25	0.52	21.6	-0.90	0.92	



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Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RD8A3R	7.6	-0.76	0.78	7.7	-1.29	0.92	16.3	-0.76	0.53	11.2	-0.85	0.22	22.0	-0.82	0.72	
RRBFGW	11.3	0.26	0.48	15.0	0.53	0.20	26.3	1.16	0.77	18.3	0.77	0.50	31.6	1.16	0.35	
TLGXFP	7.0	-0.94		8.0	-1.20		20.0	-0.05		12.0	-0.66		24.0	-0.41		
U76AX3	11.9	0.41	1.39	11.2	-0.42	1.59	18.6	-0.32	2.38	14.4	-0.11	1.47	24.3	-0.35	1.34	
VKDPAW	16.7	1.74	1.11	20.7	1.94	1.22	40.7	3.92	0.93	46.0	7.05	1.96	50.7	5.07	1.03	
W7EXCY	8.0	-0.66	0.43	11.0	-0.46	0.17	16.6	-0.71	0.28	13.4	-0.34	0.22	29.1	0.64	0.30	
XA8E2X	6.8	-1.00	0.34	9.5	-0.83	1.50	20.3	0.00	0.29	12.3	-0.60	1.73	25.3	-0.15	1.58	
Y9AN9N	12.3	0.53	0.00	16.4	0.88	0.00	28.4	1.56	0.00	18.4	0.79	0.00	32.4	1.32	0.00	
YUTTTR	10.2	-0.05	0.00	15.4	0.63	0.00	20.3	0.00	0.00	15.3	0.09	0.00	26.0	0.00		
ZX9M74	13.4	0.83	0.00	18.0	1.28		29.4	1.75	0.00	17.6	0.62	0.00	31.2	1.07	0.00	

Clay 2 - 0 um (SubTestCode 191) in the Particle Size Analysis Property Groups														Data units: Percent		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	10.4			12.9			20.3			14.9			26.0			
Median Abs Dev	2.0			2.2			2.5			2.0			1.9			
Avg Within Lab SD	1.0			0.9			1.2			1.0			1.1			
Labs Included	36			36			36			36			36			
Labs Reporting	36			36			36			36			36			



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Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %				
SRS2306				SRS2307				SRS2308				SRS2309				SRS2310		
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			
M34TK8	11.2		1.00	20.7		1.00	28.8		1.00	20.7		1.00	26.1		1.00			

Field Moisture Capacity (SubTestCode 192) in the Moisture Property Groups														Data units: %				
SRS2306				SRS2307				SRS2308				SRS2309				SRS2310		
Grand Median	11.2			20.7			28.8			20.7			26.1					
Median Abs Dev	0.0			0.2			0.5			0.5			0.4					
Avg Within Lab SD	0.0			0.2			0.5			0.5			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: %		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
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
M34TK8	6.0		1.00	10.4		1.00	12.2		1.00	9.6		1.00	14.4		1.00

Permanent Wilting Point (SubTestCode 193) in the Moisture Property Groups						Data units: %	
	SRS2306		SRS2307		SRS2308	SRS2309	SRS2310
Grand Median	5.99		10.4		12.2	9.58	14.4
Median Abs Dev							
Avg Within Lab SD	0.09		0.1		0.2	0.39	0.2
Labs Included	1		1		1	1	1
Labs Reporting	1		1		1	1	1



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Available Water Content (SubTestCode 194) in the Moisture Property Groups														Data units: %		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
AGRLJE	1.68		0.11	3.28		0.19	1.64		0.10	2.02		0.06	4.04		0.04	
M34TK8	5.24		1.64	10.30		1.69	16.53		1.73	11.13		1.73	11.69		1.73	
MR68A2	1.52		0.55	3.00		0.35	1.35		0.00	1.92		0.14	3.83		0.11	

Available Water Content (SubTestCode 194) in the Moisture Property Groups														Data units: %		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310			
Grand Median	1.68			3.28			1.64			2.02			4.04			
Median Abs Dev																
Avg Within Lab SD	0.05			0.14			0.32			0.21			0.26			
Labs Included	3			3			3			3			3			
Labs Reporting	3			3			3			3			3			



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Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg					
													SRS2310					
SRS2306				SRS2307				SRS2308			SRS2309							
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
8JH92G	373.4		0.45	343.3		0.27	473.1		0.29	316.3		0.10	533.8		0.50			
EAUDBF	319.0		1.65	324.3		1.55	443.3		1.45	312.7		1.71	505.0		1.60			
GG894F	330.0		0.27	305.8		0.72	432.0		0.90	309.7		0.28	512.6		0.43			
Total Soil P (EPA-3050/3051/3052) (SubTestCode 195) in the Other 2 Property Groups													Data units: mg/kg					
													SRS2310					
SRS2306				SRS2307				SRS2308			SRS2309							
Grand Median	330.0			324.3			443.3			312.7			512.6					
Median Abs Dev																		
Avg Within Lab SD	31.5			8.6			14.6			23.8			11.9					
Labs Included	3			3			3			3			3					
Labs Reporting	3			3			3			3			3					



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Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups														Data units: mg/kg				
SRS2306				SRS2307				SRS2308				SRS2309				SRS2310		
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			
ZX9M74	14.6		1.00	65.1		1.00	113.0			52.7		1.00	9.7		1.00			
Solvita CO2 Soil Respiration Test (SubTestCode 196) in the Other 2 Property Groups														Data units: mg/kg				
SRS2306				SRS2307				SRS2308				SRS2309				SRS2310		
Grand Median	14.6			65.1			113.0			52.7			9.70					
Median Abs Dev																		
Avg Within Lab SD	0.0			0.0			0.0			0.0			0.00					
Labs Included	1			1			1			1			1					
Labs Reporting	1			1			1			1			1					



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DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups													Data units: mg/kg		
WebCode	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
GEFCEL	10.7		0.41	28.2		0.61	33.6		1.05	11.1		0.16	308.3		0.33
TFBRVZ	11.7		1.35	27.3		1.27	34.7		0.97	12.3		1.61	137.7		1.65
TLGXFP	9.0			22.0			30.3		0.97	9.7		0.61	356.0		0.39
DTPA-sorbitol extractable S (SubTestCode 198) in the Other 2 Property Groups													Data units: mg/kg		
	SRS2306			SRS2307			SRS2308			SRS2309			SRS2310		
Grand Median	10.7			27.3			33.6			11.1			308.3		
Median Abs Dev															
Avg Within Lab SD	1.1			1.6			0.6			0.9			9.2		
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				
SRS2306				SRS2307				SRS2308				SRS2309				SRS2310		
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			
EAUDBF	0.3		1.00	389.7		1.04	5.7		0.43	0.8		1.00	0.2		1.00			
TLGXFP				364.3		0.95	12.0		1.35	1.0								
DTPA-sorbitol extractable AI (SubTestCode 199) in the Other 2 Property Groups														Data units: mg/kg				
SRS2306				SRS2307				SRS2308				SRS2309				SRS2310		
Grand Median	0.32			377.0			8.85			0.92			0.19					
Median Abs Dev																		
Avg Within Lab SD	0.13			20.6			0.74			0.07			0.07					
Labs Included	1			2			2			2			1					
Labs Reporting	1			2			2			2			1					





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Dry Matter (%) (SubTestCode 201)													Data units: Percent	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
6MPCRD	96.9	0.81	0.12	95.2	0.18	0.05	96.0	0.59	0.03	94.5	0.97	0.07		
7UPEMK	95.8	0.02	0.26	95.6	0.53	1.08	95.3	0.00	0.90	93.0	-0.90	0.29		
DDYJV9	97.7	1.39	2.02	96.0	0.84	2.62	96.6	1.09	1.71	94.7	1.24	1.39		
GG894F	94.1	-1.24	0.22	93.1	-1.76	0.22	93.6	-1.44	0.12	92.5	-1.48	0.35		
H36YZ7	96.8	0.77	0.31	95.6	0.50	0.11	96.2	0.70	0.24	95.0	1.56	0.15		
LCEV78	95.8	0.00	0.00	94.3	-0.62	0.87	94.8	-0.42	1.00	93.6	-0.07	0.58		
P8PRPC	94.7	-0.83	0.29	94.0	-0.93	0.62	94.2	-0.92	0.20	93.7	0.02	0.65		
R79AKX	96.2	0.32	0.00	94.6	-0.37	0.00	96.1	0.60	0.00	94.2	0.67	0.00		
TLGXFP	96.4	0.45	0.00	95.3	0.20	0.00	95.8	0.39	0.00	94.8	1.36	0.00		
V3XF9W	98.4	1.93	1.30	96.4	1.25	1.21	97.6	1.93	1.46	96.7	3.67X	1.72		
W7UULQ	95.2	-0.45	2.71	98.8	3.34X	2.22	94.5	-0.71	2.56	92.8	-1.05	2.99		
XA8E2X	95.3	-0.34	0.70	94.0	-0.92	1.13	94.9	-0.39	0.66	93.7	-0.03	1.05		
XN9DPV	95.3	-0.34		94.8	-0.18		95.5	0.17		93.6	-0.08			
Y2XAN8	94.8	-0.73	0.00	94.0	-0.92		95.1	-0.20	0.00	93.7	0.01	0.00		
YC93UT	95.2	-0.47	0.35	95.3	0.25	0.22	94.7	-0.56	0.08	93.7	-0.01	0.03		

Dry Matter (%) (SubTestCode 201)					Data units: Percent	
	SRB2305	SRB2306	SRB2307	SRB2308		
Grand Median	95.8	95.0	95.3	93.7		
Median Abs Dev	0.6	0.6	0.7	0.6		
Avg Within Lab SD	0.2	0.3	0.2	0.2		
Labs Included	15	14	15	14		
Labs Reporting	15	15	15	15		



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NO3 - N Cd Rd. (SubTestCode 202)												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3WQD73	307.7	0.22	2.68	352.2	0.11	1.53	446.1	0.36	3.13	20,665.8	0.32	0.36	
64ZF9L	304.7	0.14	0.15	348.0	0.00	0.07	444.3	0.32	0.18	21,166.7	0.52	1.67	
6MPCRD	266.7	-0.82	0.05	320.3	-0.68	0.24	402.2	-0.53	0.12	19,967.2	0.06	0.17	
7JARBY	345.5	1.18	0.30	381.6	0.83	0.24	508.9	1.62	1.61	2,295.7	-6.74X	0.05	
7UPEMK	275.8	-0.59	0.07	317.9	-0.74	0.18	404.2	-0.49	0.47	18,924.0	-0.34	0.13	
92MQVM	299.0	0.00	0.24	334.0	-0.34	0.21	418.7	-0.19	0.31	14,406.7	-2.08	0.93	
AMCA8A	313.0	0.35	0.88	353.3	0.14	0.48	473.3	0.91	0.69	19,232.0	-0.23	0.16	
BV9RED				369.7	0.54	0.18				22,556.0	1.05	0.16	
D9K9XR	333.2	0.87	0.00	376.7	0.71	0.00	486.5	1.17		16,858.4	-1.14	0.00	
DDYJV9	296.3	-0.07	0.76	333.3	-0.36	0.29	420.7	-0.15	0.63	21,711.7	0.73	1.27	
EAUDBF	347.7	1.23	1.91	331.7	-0.40	0.54	409.3	-0.38	0.50	18,746.7	-0.41	0.45	
EGUXBQ	270.0	-0.73	0.76	279.7	-1.69	0.66	370.7	-1.16	0.44	1,685.7	-6.97X	0.08	
GEFCEL	905.0	15.35X	0.41	1,058.7	17.57X	0.21	1,038.0	12.27X	1.39	19,841.0	0.01	0.27	
GWY4EK	393.3	2.39	1.31	366.0	0.45	1.55	503.7	1.52	0.71	19,800.0	-0.01	0.40	
H36YZ7	322.4	0.59	0.07	347.7	0.00	0.06	441.9	0.27	0.08	29,765.2	3.82	3.20	
LNRV32	180.8	-2.99X	0.42	201.8	-3.61X	0.97	196.9	-4.66X	0.14	19,048.1	-0.30	0.33	
MTE6MJ	298.7	-0.01	0.46	391.3	1.07	2.05	428.3	0.00	0.59	20,422.0	0.23	1.25	
P8PRPC	257.4	-1.05	0.24	295.7	-1.29	0.19	386.3	-0.85	0.23	18,663.2	-0.44	0.11	
RD8A3R	253.3	-1.16	1.45	249.0	-2.44	2.73	354.0	-1.50	0.99	19,407.7	-0.16	0.29	
YC93UT	296.5	-0.06	0.07	361.7	0.34	0.59	431.1	0.06	0.12	20,574.2	0.29	0.27	

NO3 - N Cd Rd. (SubTestCode 202)												Data units: mg/kg	
	SRB2305			SRB2306			SRB2307			SRB2308			
Grand Median	299.0			347.9			428.3			19,820.5			
Median Abs Dev	23.4			20.0			24.2			870.9			
Avg Within Lab SD	29.7			38.2			28.9			1,290.9			
Labs Included	17			18			17			18			
Labs Reporting	19			20			19			20			



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NO3 - N ISE (SubTestCode 203)										Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
E46ZAR	328.3		1.22	398.0		0.36	480.7		1.38	20,566.7	0.49
TLGXFP	500.0			560.0			640.0			17,733.3	0.09
UDGKQU	378.8		1.12	523.0		1.67	653.8		0.92	21,635.7	1.82
W7UULQ	351.3		0.51	453.5		0.28	882.7		0.50	19,560.2	0.67
NO3 - N ISE (SubTestCode 203)										Data units: mg/kg	
	SRB2305			SRB2306			SRB2307			SRB2308	
Grand Median	365.1			488.2			646.9			20,063.5	
Median Abs Dev											
Avg Within Lab SD	15.4			21.8			14.3			617.2	
Labs Included	4			4			4			4	
Labs Reporting	4			4			4			4	



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NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
GG894F	1,168.3		1.48	1,395.0		1.06	1,456.7		1.96	21,475.0	1.71
LCEV78	332.0		1.31	390.0		0.64	479.7		0.32	20.6	0.00
XN9DPV	363.4		0.19	397.7		1.33	507.8		0.19	22,159.1	0.95
Y2XAN8	208.3		0.25	235.3		0.83	366.7		0.11	15,268.3	0.40
NO3 - N Oth. (SubTestCode 204)										Data units: mg/kg	
	SRB2305			SRB2306			SRB2307			SRB2308	
Grand Median	347.7			393.8			493.7			18,371.7	
Median Abs Dev											
Avg Within Lab SD	23.0			12.5			93.5			330.7	
Labs Included	4			4			4			4	
Labs Reporting	4			4			4			4	



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NH4-N (SubTestCode 205)										Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
7UPEMK	101.8		0.67	29.1		0.10	163.3		0.57	175.3	0.60
D9K9XR	160.2		0.00	24.7		0.00	239.3		0.00	222.7	0.00
LCEV78	199.7		0.89				308.3		1.52	383.7	0.19
YC93UT	197.9		1.66	101.4		1.73	260.7		1.17	202.9	1.90
NH4-N (SubTestCode 205)										Data units: mg/kg	
	SRB2305			SRB2306			SRB2307			SRB2308	
Grand Median	179.1			29.1			250.0			212.8	
Median Abs Dev											
Avg Within Lab SD	1.7			5.7			2.7			3.0	
Labs Included	4			3			4			4	
Labs Reporting	4			3			4			4	



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PO4 - P (SubTestCode 206)												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3WQD73	426.5	1.22	1.25	786.1	0.70	0.79	413.6	0.46	1.16	2,390.0	1.00	0.22	
92MQVM	352.0	0.00	0.36	767.0	0.40	0.50	391.7	0.00	0.43	2,211.0	-0.12	1.21	
AMCA8A	321.7	-0.50	0.23	690.3	-0.83	0.24	347.7	-0.93	0.24	2,161.7	-0.42	0.29	
E46ZAR	333.3	-0.30	0.56	653.3	-1.43	0.90	396.7	0.11	1.62	2,053.3	-1.10	0.95	
EAUDBF	334.3	-0.29	0.72	697.3	-0.72	0.47	342.3	-1.04	0.68	2,022.0	-1.29	1.64	
GWY4EK	401.0	0.80	1.54	760.7	0.29	1.84	425.3	0.71	0.68	2,248.3	0.12	0.59	
LNRV32	575.2	3.64X	1.43	913.3	2.74X	0.30	561.0	3.58X	0.33	2,189.6	-0.25	0.24	
MTE6MJ	394.3	0.69	0.60	799.3	0.91	1.69	407.0	0.32	1.03	2,314.0	0.52	1.66	
RD8A3R	284.0	-1.11	1.83	742.3	0.00	0.70	332.0	-1.26	1.66	2,363.3	0.83	0.83	
TLGXFP	423.3	1.16	0.56	693.3	-0.79	0.55	333.3	-1.23	0.23	2,406.7	1.10	0.97	

PO4 - P (SubTestCode 206)					Data units: mg/kg	
	SRB2305		SRB2306		SRB2307	
Grand Median	352.0		742.3		391.7	
Median Abs Dev	42.3		45.0		33.7	
Avg Within Lab SD	20.8		27.9		25.0	
Labs Included	9		9		9	
Labs Reporting	10		10		10	



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SO4 - S (SubTestCode 207) Data units: mg/kg										
	SRB2305			SRB2306			SRB2307			SRB2308
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
TLGXFP	1,896.7		0.22	76.7		0.24	400.0		1.17	963.3 0.95
W7UULQ	2,679.3		1.40	338.9		1.39	526.0		0.80	1,133.2 1.05
SO4 - S (SubTestCode 207) Data units: mg/kg										
	SRB2305			SRB2306			SRB2307			SRB2308
Grand Median	2,288.0			207.8			463.0			1,048.3
Median Abs Dev										
Avg Within Lab SD	52.6			23.8			25.7			42.6
Labs Included	2			2			2			2
Labs Reporting	2			2			2			2



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CI (SubTestCode 208)

Data units: Percent

WebCode	SRB2305			SRB2306			SRB2307			SRB2308		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7JARBY	0.70	0.81	0.07	0.62	-1.13	0.13	0.14	-1.49	1.44	2.52	-0.72	1.62
7UPEMK	0.61	-0.59	0.05	0.63	-0.62	0.09	0.16	-0.56	0.06	2.68	0.14	0.13
8JKTWX	0.64	-0.10	0.00	0.65	0.01	0.13	0.22	1.71	0.73	2.65	0.00	0.06
92MQVM	0.65	0.02	1.09	0.66	0.27	1.24	0.18	0.21	0.89	2.67	0.09	1.29
AMCA8A	0.63	-0.29	0.47	0.65	0.01	0.13	0.19	0.43	1.93	2.43	-1.22	2.95
DDYJV9	0.65	0.00	0.28	0.63	-0.68	0.22	0.17	-0.14	0.73	2.73	0.41	1.04
E46ZAR	0.71	0.86	0.28	0.69	1.00	0.26	0.22	1.71	1.46	2.80	0.77	0.25
GG894F	0.66	0.19	0.74	0.68	0.81	0.44	0.17	-0.28	1.27	3.03	2.05	0.59
GWY4EK	0.20	-6.39X	0.00	0.67	0.41	3.39	0.70	22.31X	0.00	0.17	-13.41X	0.57
HKNTNA	0.76	1.61	0.61	0.65	-0.01	0.62	0.19	0.38	0.16	2.84	1.02	0.41
LCEV78	0.28	-5.22X	0.18	0.24	-12.21X	0.44	0.07	-4.53X	0.55	1.11	-8.33X	0.11
MTE6MJ	0.77	1.77	1.13	0.71	1.80	1.43	0.16	-0.85	1.46	2.71	0.29	0.40
P8PRPC	0.55	-1.43	3.33	0.63	-0.59	0.13	0.16	-0.57	0.73	2.47	-1.01	0.30
RD8A3R	0.66	0.20	0.25	0.66	0.29	0.26	0.18	0.00	0.26	2.43	-1.22	0.15
TLGXFP	0.60	-0.65	0.06	0.62	-0.84	0.06	0.18	0.02	0.06	2.55	-0.56	0.13
XN9DPV	0.59	-0.84	0.15	0.61	-1.15	0.21	0.19	0.76	0.54	2.60	-0.31	0.11
Y2XAN8	0.59	-0.76	0.11	0.61	-1.18	0.13	0.15	-0.99	0.73	2.60	-0.31	0.21

CI (SubTestCode 208)

Data units: Percent

	SRB2305	SRB2306	SRB2307	SRB2308
Grand Median	0.65	0.65	0.18	2.65
Median Abs Dev	0.05	0.02	0.01	0.10
Avg Within Lab SD	0.05	0.05	0.01	0.10
Labs Included	15	16	15	15
Labs Reporting	17	17	17	17



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TKN (SubTestCode 209)												Data units: Percent	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3HNK2K	0.63	-0.35	0.70	0.60	0.08	1.15	0.24	-0.66	1.24	4.11	1.78	0.06	
64ZF9L	0.63	-0.41	0.23	0.56	-0.87	0.33	0.24	-0.71	0.34	2.51	-0.43	0.28	
7UPEMK	0.68	0.71	0.19	0.60	0.00	0.87	0.25	-0.28	0.14	2.80	-0.02	0.38	
8JH92G	0.64	-0.21	0.80	0.59	-0.19	0.43	0.25	-0.31	0.08	2.48	-0.47	0.61	
BV9RED	0.67	0.38	0.34	0.68	2.19	0.00	0.30	1.85	0.19	4.01	1.64	0.09	
GWY4EK	0.65	0.00	1.93	0.59	-0.15	1.22	0.29	1.18	1.85	2.94	0.17	1.38	
NMANR4	0.67	0.47	0.02	0.60	0.10	0.03	0.26	-0.04	0.03	2.56	-0.36	0.01	
TLGXFP	0.73	1.75	0.40	0.62	0.57	0.19	0.26	0.04	0.30	3.17	0.49	0.09	
V3XF9W	0.72	1.61		0.64	1.12		0.29	1.31		2.82	0.00		
W7EXCY	0.63	-0.38	1.70	0.53	-1.62	2.04	0.27	0.37	1.94	1.80	-1.41	0.88	
XA8E2X	0.60	-1.13	1.39	0.58	-0.54	1.40	0.37	4.60X	0.66	3.28	0.64	2.59	

TKN (SubTestCode 209)					Data units: Percent	
	SRB2305	SRB2306	SRB2307	SRB2308		
Grand Median	0.65	0.60	0.26	2.82		
Median Abs Dev	0.02	0.02	0.01	0.34		
Avg Within Lab SD	0.03	0.03	0.03	0.11		
Labs Included	11	11	10	11		
Labs Reporting	11	11	11	11		



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N- Dry Comb. (SubTestCode 210)													Data units: Percent	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
3WQD73	0.57	-1.92	0.00	0.63	-0.14	0.44	0.35	0.94	0.00	4.03	-0.27	1.03		
4W46YJ	0.62	-1.08	2.37	0.51	-1.37	2.19	0.28	-0.22	0.51	3.74	-2.57	1.29		
68GNWK	0.65	-0.41	0.37	0.57	-0.75	0.58	0.26	-0.61	0.40	4.15	0.66	0.10		
7JARBY	0.72	0.80	0.43	0.73	0.92	0.39	0.32	0.48	0.51	4.08	0.12	0.27		
7UPEMK	0.66	-0.21	0.73	0.64	-0.06	0.51	0.29	-0.11	0.13	4.05	-0.14	0.00		
92MQVM	0.67	-0.12	1.79	0.64	0.01	1.66	0.27	-0.41	0.82	4.06	-0.04	0.57		
AMCA8A	0.79	2.13	0.66	0.80	1.64	0.96	0.40	1.86	0.38	4.16	0.73	1.91		
D9K9XR	0.72	0.71	0.00	0.70	0.53	0.00	0.34	0.73	0.00	4.14	0.52	0.00		
DDYJV9	0.66	-0.36	0.65	0.64	-0.09	0.74	0.29	-0.14	0.62	4.26	1.47	4.20		
DXQVYF	0.64	-0.71	1.29	0.59	-0.57	0.05	0.23	-1.21	0.40	4.12	0.42	0.60		
E46ZAR	0.68	0.13	0.25	0.69	0.51	0.73	0.29	-0.16	0.84	3.99	-0.58	1.08		
EAUDBF	0.68	-0.02	1.55	0.68	0.38	0.45	0.30	0.06	0.38	4.07	0.01	0.31		
EGUXBQ	0.69	0.19	0.50	0.87	2.28	1.14	0.29	-0.16	3.15	4.14	0.53	0.21		
FHN6WE	0.43	-4.53X	0.66	0.46	-1.85	0.29	0.05	-4.20X	0.19	3.91	-1.20	0.10		
GEFCEL	0.72	0.80	1.29	0.73	0.88	0.25	0.34	0.76	0.33	4.11	0.32	0.47		
GG894F	0.61	-1.20	0.75	0.53	-1.13	0.15	0.22	-1.31	0.33	4.02	-0.35	0.37		
GZDDC3	0.67	-0.11	0.59	0.65	0.09	1.68	0.29	-0.06	0.56	4.01	-0.45	1.25		
H36YZ7	0.69	0.31	0.42	0.64	0.00	0.22	0.33	0.65	0.30	4.10	0.24	0.09		
HKNTNA	0.68	0.10	0.18	0.61	-0.32	0.34	0.27	-0.39	0.40	4.17	0.82	0.78		
JHDB3J	0.67	-0.03	0.97	0.64	0.00	1.23	0.27	-0.39	0.39	3.99	-0.63	1.52		
L3RWF3	0.73	0.92	1.08	0.72	0.82	0.39	0.35	0.88	0.84	4.10	0.27	0.21		
L88642	0.63	-0.83	0.00	0.55	-0.93	0.29	0.20	-1.60	0.19	3.93	-1.07	0.18		
LCEV78	0.63	-0.90	0.50	0.57	-0.75	0.00				4.09	0.17	0.47		
LN RV32	0.70	0.36	3.06	0.61	-0.35	0.25	0.26	-0.59	0.07	4.01	-0.46	0.63		
MTE6MJ	1.30	11.33X	8.61	0.81	1.74	2.80	0.32	0.42	4.35	3.88	-1.46	2.14		
NMANR4	0.85	3.10	0.25	0.80	1.64	0.15	0.44	2.49	0.00	4.41	2.64	0.00		



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N- Dry Comb. (SubTestCode 210)													Data units: Percent	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
P8PRPC	0.66	-0.35	0.90	0.64	-0.04	1.27	0.29	-0.16	0.84	3.89	-1.35	0.57		
PWUER2	0.69	0.25	0.43	0.60	-0.48	0.29	0.28	-0.22	0.69	4.06	-0.06	0.47		
RYBHC4	0.63	-0.86	1.23	0.59	-0.53	0.27	0.26	-0.58	0.13	3.95	-0.91	0.75		
TLGXFP	0.67	-0.06	1.00	0.65	0.03	0.42	0.30	0.07	0.62	4.33	2.05	0.20		
UDGKQU	0.68	0.00	0.41	0.64	-0.05	0.04	0.31	0.25	0.31	4.09	0.13	0.37		
W7UULQ	0.77	1.72	0.70	0.74	0.94	0.10	0.40	1.72	0.04	4.06	-0.03	0.42		
XN9DPV	0.68	0.01	0.13	0.63	-0.11	0.18	0.32	0.36	0.01	4.19	0.92	0.27		
XNURD8	0.77	1.77	0.25	0.75	1.06	0.39	0.39	1.63	0.33	4.17	0.81	0.10		
Y2XAN8	0.67	-0.05	0.25	0.69	0.47	0.00	0.31	0.25	0.00	4.05	-0.17	0.41		
Y9AN9N	0.72	0.86	1.08	0.67	0.27	0.25	0.31	0.19	0.19	4.07	-0.01	0.10		
YC93UT	0.69	0.25	0.02	0.70	0.59	0.08	0.31	0.32	0.18	4.11	0.29	0.22		
YJDJP9	1.48	14.50X	6.20	0.51	-1.34	3.30	0.18	-1.95	0.84	3.97	-0.76	0.18		

N- Dry Comb. (SubTestCode 210)					Data units: Percent			
	SRB2305		SRB2306		SRB2307		SRB2308	
Grand Median	0.68		0.64		0.30		4.07	
Median Abs Dev	0.02		0.05		0.02		0.06	
Avg Within Lab SD	0.02		0.04		0.03		0.06	
Labs Included	35		38		36		38	
Labs Reporting	38		38		37		38	



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S- Dry Comb. (SubTestCode 211) Data units: Percent										
WebCode	SRB2305			SRB2306			SRB2307			SRB2308
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
D9K9XR	41.6		0.00	43.6		0.00	41.2		0.00	31.0
H36YZ7	0.3		1.41	0.1		1.41	0.1		1.41	0.2 1.00
S- Dry Comb. (SubTestCode 211) Data units: Percent										
	SRB2305			SRB2306			SRB2307			SRB2308
Grand Median	20.9			21.9			20.7			15.6
Median Abs Dev										
Avg Within Lab SD	0.0			0.0			0.0			0.0
Labs Included	2			2			2			2
Labs Reporting	2			2			2			2



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P (SubTestCode 212) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2305			SRB2306			SRB2307			SRB2308		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3HNK2K	0.07	-0.41	0.51	0.12	0.08	1.78	0.05	-0.64	0.69	0.45	0.53	1.47
3WQD73	0.07	-0.31	0.20	0.11	-0.49	0.00	0.05	-0.80	0.48	0.45	0.53	2.89
64ZF9L	0.07	-0.21	0.42	0.11	-0.49	0.00	0.05	-0.95	0.27	0.40	-0.95	0.41
6MPCRD	0.08	1.62	0.21	0.13	1.57	0.00	0.05	1.00	0.00	0.48	1.35	0.15
7JARBY	0.07	0.00	0.00	0.12	0.27	1.08	0.05	0.05	0.00	0.44	0.18	0.72
7UPEMK	0.07	0.62	0.17	0.12	0.68	0.23	0.05	0.26	0.06	0.46	0.68	0.28
8JH92G	0.07	0.00	0.46	0.11	-0.16	0.09	0.05	-0.13	0.05	0.42	-0.35	0.10
8JKTWX	0.07	-0.14	0.58	0.11	-0.31	0.31	0.05	-0.34	0.24	0.41	-0.61	0.94
923AFK	0.07	0.65	0.52	0.12	0.91	0.29	0.05	0.42	0.21	0.46	0.80	1.54
92MQVM	0.07	-0.21	0.96	0.11	-0.30	0.78	0.05	-0.64	1.73	0.40	-0.90	0.68
AMCA8A	0.08	1.03	1.17	0.12	1.03	1.08	0.05	0.05	0.00	0.46	0.62	0.41
BV9RED	0.07	-0.52	1.17	0.11	-0.49	0.00	0.05	0.05	0.00	0.40	-0.95	0.41
D9K9XR	0.07	-0.31	0.00	0.11	-0.38	0.00	0.05	-0.64	0.00	0.41	-0.57	0.00
DDYJV9	0.07	0.21	4.31	0.12	0.34	3.60	0.05	-0.41	4.21	0.45	0.53	0.83
DXQVYF	0.07	-0.02	0.59	0.11	-0.01	1.20	0.05	-0.18	0.57	0.43	-0.16	1.26
EAUDBF	0.07	-0.62	0.35	0.11	-0.57	0.92	0.05	-0.18	1.21	0.43	0.00	1.86
EGUXBQ	0.06	-1.03	1.17	0.10	-1.64	0.00	0.04	-2.26	0.00	0.37	-1.73	1.49
FHN6WE	0.60	82.01X		0.10	-1.64		0.05	0.05		0.42	-0.34	
GEFCEL	0.08	1.55	2.03	0.13	1.79	1.87	0.05	0.05	2.30	0.49	1.57	1.09
GG894F	0.07	0.52	1.17	0.12	0.65	0.00	0.05	0.05	0.00	0.46	0.62	0.41
GWY4EK	0.07	0.52	1.17	0.12	0.27	1.08	0.05	0.05	0.00	0.39	-1.04	0.41
GZDDC3	0.09	2.43	0.56	0.12	0.76	0.74	0.05	0.90	0.43	0.47	0.97	0.42
H36YZ7	0.07	0.31	0.20	0.12	0.34	0.43	0.05	0.12	0.27	0.42	-0.31	0.00
HKNTNA	0.07	-0.10	0.13	0.11	-0.96	0.16	0.05	-0.77	0.05	0.41	-0.53	1.12
JHDB3J	0.07	0.00	0.00	0.11	0.00	0.39	0.05	-0.18	0.23	0.42	-0.45	0.61
L3RWF3	0.08	1.55	0.00	0.13	1.41	1.08	0.06	2.35	2.30	0.42	-0.25	0.41



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P (SubTestCode 212) in the Wet Digestion Property Groups													Data units: Percent	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
L88642	0.08	1.55	0.00	0.12	0.65	0.00	0.06	2.35	0.00	0.40	-0.86	0.00		
LCEV78	0.08	0.98	0.23	0.12	0.46	0.11	0.05	0.20	0.13	0.48	1.27	0.22		
MTE6MJ	0.07	0.00	0.00	0.11	-0.72	0.65	0.04	-1.49	0.70	0.42	-0.25	1.80		
NMANR4	0.12	7.74X	0.00	0.12	0.27	1.08	0.03	-4.56X	0.00	0.52	2.36	1.09		
PWUER2	0.07	0.00	0.00	0.11	-0.49	0.00	0.05	0.05	0.00	0.45	0.36	1.80		
R79AKX	0.08	1.55	0.00	0.13	1.79	0.00	0.05	0.81	1.33	0.50	1.84	0.83		
RD8A3R	0.13	8.56X	0.62	0.16	5.48X	0.43	0.11	12.94X	0.23	0.44	0.19	0.54		
RYBHC4	0.05	-3.71X	0.54	0.10	-1.68	0.66	0.03	-4.79X	0.46	0.45	0.43	0.49		
TLGXFP	0.07	0.30	0.12	0.12	0.25	0.20	0.05	0.47	0.14	0.47	1.03	0.13		
UBUJPT	0.05	-3.09	0.00	0.11	-0.11	1.08	0.04	-2.26	0.00	0.46	0.70	0.72		
UDGKQU	0.08	0.87	1.24	0.11	-0.63	2.53	0.05	0.59	0.26	0.43	-0.11	0.95		
V3XF9W	0.08	1.59	1.32	0.13	1.81	1.86	0.06	1.59	0.65	0.45	0.56	1.54		
VYY6CW	0.08	1.03	2.35	0.11	-0.11	1.08	0.05	-0.72	1.33	0.40	-0.77	0.83		
W7EXCY	0.07	0.00	0.00	0.11	-0.49	0.00	0.04	-1.49	1.33	0.44	0.10	0.41		
XA8E2X	0.07	-0.30	0.43	0.11	-0.23	0.29	0.05	-0.05	0.59	0.43	-0.18	1.83		
XN9DPV	0.07	0.30	0.10	0.12	0.58	0.16	0.05	0.07	0.06	0.44	0.22	0.15		
XNURD8	0.07	-0.15	0.35	0.11	-0.30	0.29	0.05	-0.57	0.13	0.41	-0.67	0.25		
Y2XAN8	0.08	1.55	0.00	0.13	1.41	1.08	0.05	0.81	1.33	0.43	0.01	0.41		
Y9AN9N	0.07	0.00	0.20	0.11	-0.19	0.11	0.05	-0.64	0.00	0.42	-0.38	0.39		
YC93UT	0.07	-0.09	0.17	0.12	0.63	0.29	0.05	-0.05	0.08	0.41	-0.48	0.22		
YJDJP9	0.07	-0.77	1.02	0.08	-3.92X	1.87	0.04	-1.95	0.53	0.38	-1.39	1.32		



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P (SubTestCode 212) in the Wet Digestion Property Groups					Data units: Percent
	SRB2305	SRB2306	SRB2307	SRB2308	
Grand Median	0.070	0.11	0.050	0.43	
Median Abs Dev	0.003	0.00	0.002	0.02	
Avg Within Lab SD	0.005	0.01	0.004	0.01	
Labs Included	43	45	44	47	
Labs Reporting	47	47	47	47	



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2305			SRB2306			SRB2307			SRB2308		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3HNK2K	0.47	-1.93	0.21	1.06	-2.52X	1.26	0.20	-2.65	0.12	11.24	0.36	1.49
3WQD73	0.53	-0.72	2.69	1.27	-0.08	0.98	0.30	0.08	2.13	9.57	-1.08	0.82
64ZF9L	0.55	-0.25	1.17	1.23	-0.46	0.98	0.28	-0.59	1.40	9.77	-0.90	0.23
6MPCRD	0.62	1.16	0.10	1.36	0.96	0.03	0.34	1.08	0.20	12.76	1.66	0.20
7JARBY	0.63	1.30	0.38	1.39	1.31	0.10	0.34	0.93	0.70	11.11	0.25	0.17
7UPEMK	0.63	1.40	0.24	1.46	2.14	0.13	0.34	0.91	0.13	12.13	1.12	0.39
8JH92G	0.53	-0.79	0.55	1.23	-0.53	0.24	0.27	-0.86	0.54	10.44	-0.33	0.23
8JKTWX	0.55	-0.34	0.24	1.22	-0.63	0.50	0.29	-0.38	0.25	8.56	-1.93	3.56
923AFK	0.58	0.23	0.67	1.31	0.46	0.10	0.32	0.46	0.40	11.47	0.55	1.04
92MQVM	0.52	-0.89	0.34	1.22	-0.68	0.50	0.29	-0.21	0.65	10.02	-0.69	0.21
AMCA8A	0.51	-1.13	0.00	1.30	0.31	0.34	0.23	-1.70	0.35	9.57	-1.08	0.37
BV9RED	0.52	-0.92	0.38	1.21	-0.73	0.00	0.29	-0.25	0.00	10.86	0.03	0.02
D9K9XR	0.56	-0.11	0.00	1.28	0.11	0.00	0.30	0.00	0.00	10.20	-0.54	0.00
DDYJV9	0.56	-0.18	1.93	1.26	-0.15	1.35	0.30	0.08	1.26	10.12	-0.60	1.00
DXQVYF	0.53	-0.64	0.28	1.33	0.68	1.74	0.30	-0.02	0.83	11.10	0.23	0.42
EAUDBF	0.56	-0.02	0.73	1.25	-0.31	0.69	0.32	0.44	1.75	10.97	0.12	1.04
EGUXBQ	0.47	-2.00	0.59	1.16	-1.31	0.29	0.20	-2.55	0.61	9.89	-0.80	1.32
FHN6WE	0.57	0.09		1.23	-0.50		0.38	2.04		10.81	-0.01	
GEFCEL	0.57	0.16	2.31	1.20	-0.85	1.70	0.26	-0.93	2.86	11.87	0.89	0.51
GG894F	0.58	0.29	0.38	1.32	0.54	0.17	0.31	0.17	0.35	11.82	0.85	0.25
GWY4EK	0.59	0.49	0.66	1.30	0.35	0.54	0.31	0.25	0.61	9.27	-1.33	0.93
GZDDC3	0.68	2.33	0.30	1.26	-0.13	0.30	0.33	0.85	0.43	11.25	0.36	0.56
H36YZ7	0.56	-0.20	0.18	1.23	-0.46	0.26	0.29	-0.21	0.28	10.37	-0.39	0.07
HKNTNA	0.62	1.03	0.17	1.34	0.78	0.33	0.28	-0.41	0.41	11.64	0.69	0.87
JHDB3J	0.59	0.45	0.58	1.29	0.19	0.34	0.32	0.39	0.61	9.22	-1.37	0.35
L3RWF3	0.51	-1.06	0.44	1.13	-1.70	0.80	0.24	-1.53	0.61	11.13	0.26	0.65



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2305			SRB2306			SRB2307			SRB2308		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
L88642	0.50	-1.33		1.20	-0.85	0.00	0.30	0.00	0.00	10.10	-0.62	0.20
LCEV78	0.57	0.02	0.22	1.36	0.96	0.20	0.30	0.00	0.00	11.70	0.75	0.00
LNRV32	0.58	0.31	0.78	1.47	2.24	1.38	0.24	-1.65	0.73	12.58	1.50	3.67
MTE6MJ	0.53	-0.72	1.01	1.25	-0.27	0.17	0.26	-0.93	1.40	10.60	-0.19	0.54
NMANR4	0.52	-0.99	0.22	1.37	1.12	0.34	0.19	-2.89	0.35	12.69	1.60	0.05
PWUER2	0.56	-0.11	0.77	1.23	-0.50	0.29	0.29	-0.25	0.61	10.22	-0.52	1.26
R79AKX	0.59	0.56	0.59	1.35	0.93	0.35	0.32	0.51	0.00	11.93	0.95	0.31
RD8A3R	0.75	3.74X	6.04	1.21	-0.72	1.56	0.38	2.12	1.72	10.64	-0.16	0.78
RYBHC4	0.56	-0.10	0.17	1.32	0.58	0.26	0.29	-0.14	0.33	11.21	0.33	0.12
TLGXFP	0.59	0.58	0.17	1.32	0.58	0.13	0.30	0.10	0.11	11.37	0.47	0.16
UBUJPT	0.38	-3.83X	0.22	1.21	-0.69	0.69	0.28	-0.42	0.35	9.08	-1.49	0.12
UDGKQU	0.58	0.32	1.65	1.19	-1.00	1.92	0.32	0.53	0.58	10.20	-0.53	0.94
V3XF9W	0.61	0.86	3.45	1.31	0.45	4.88	0.30	-0.04	2.96	11.53	0.60	1.62
VYY6CW	0.61	0.83	2.18	1.28	0.12	0.60	0.32	0.42	2.29	10.56	-0.23	0.39
W7EXCY	0.53	-0.65	0.22	1.24	-0.39	0.17	0.29	-0.34	0.35	9.99	-0.71	0.12
XA8E2X	0.61	0.95	0.73	1.30	0.27	0.26	0.33	0.73	1.15	9.89	-0.80	0.94
XN9DPV	0.58	0.37	0.03	1.32	0.54	0.32	0.31	0.28	0.11	10.84	0.01	0.12
XNURD8	0.61	0.83	0.22	1.34	0.81	0.43	0.32	0.42	0.35	11.30	0.41	0.54
Y2XAN8	0.56	-0.05	0.22	1.27	0.00	0.10	0.30	0.08	0.35	9.40	-1.22	0.01
Y9AN9N	0.58	0.38	0.09	1.25	-0.28	0.18	0.32	0.41	0.06	10.84	0.01	0.21
YC93UT	0.54	-0.46	0.11	1.33	0.64	0.35	0.30	-0.06	0.38	10.22	-0.52	0.55
YJDJP9	0.59	0.51	0.04	1.15	-1.43	0.17	0.30	-0.04	0.97	11.23	0.35	1.32



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K (SubTestCode 213) in the Wet Digestion Property Groups

Data units: Percent

	SRB2305	SRB2306	SRB2307	SRB2308
Grand Median	0.57	1.27	0.30	10.8
Median Abs Dev	0.03	0.05	0.02	0.7
Avg Within Lab SD	0.03	0.06	0.02	0.5
Labs Included	46	47	48	48
Labs Reporting	48	48	48	48



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Ca (SubTestCode 214) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3HNK2K	1.02	-0.35	0.52	0.19	-0.09	1.03	0.12	-0.66	0.54	1.31	0.45	1.27	
3WQD73	1.17	1.77	1.13	0.20	0.27	0.47	0.14	0.58	0.98	1.37	1.09	0.98	
64ZF9L	1.02	-0.38	1.41	0.17	-0.71	1.24	0.14	0.75	3.46	1.17	-1.02	0.98	
6MPCRD	1.18	2.03	0.18	0.21	0.90	0.21	0.14	0.67	0.10	1.42	1.65	0.03	
7JARBY	1.12	1.15	1.00	0.20	0.27	0.47	0.13	0.06	0.98	1.30	0.39	0.51	
7UPEMK	1.10	0.76	0.07	0.19	0.06	0.07	0.13	0.00	0.11	1.33	0.75	0.24	
8JH92G	1.08	0.60	0.40	0.21	0.76	0.18	0.14	0.80	0.13	1.31	0.53	0.25	
8JKTWX	0.97	-0.99	0.44	0.17	-0.82	0.16	0.12	-0.68	0.21	1.16	-1.05	1.09	
923AFK	0.97	-1.06	0.86	0.17	-1.01	0.16	0.12	-0.47	0.26	1.34	0.81	0.88	
92MQVM	1.00	-0.56	0.38	0.17	-0.80	0.49	0.11	-1.09	1.04	1.23	-0.35	0.18	
AMCA8A	1.09	0.63	0.81	0.20	0.55	1.24	0.14	0.41	0.57	1.34	0.85	0.26	
BV9RED	1.18	1.92	0.23	0.31	4.89X	0.47	0.18	2.50	0.57	1.35	0.92	0.17	
D9K9XR	1.02	-0.32	0.00	0.18	-0.59	0.00	0.12	-0.47	0.00	1.21	-0.62	0.00	
DDYJV9	1.04	-0.09	2.31	0.20	0.29	1.27	0.13	0.09	1.86	1.28	0.12	1.44	
DXQVYF	0.99	-0.70	0.20	0.18	-0.48	0.69	0.12	-0.34	0.34	1.23	-0.32	0.83	
EAUDBF	1.03	-0.24	1.16	0.17	-0.66	0.49	0.12	-0.33	0.63	1.29	0.28	1.62	
EGUXBQ	1.05	0.15	0.30	0.21	0.69	0.47	0.16	1.63	0.00	1.20	-0.64	1.41	
FHN6WE	0.90	-2.05		0.18	-0.43		0.14	0.58		1.26	-0.04		
GEFCEL	1.14	1.39	0.70	0.23	1.67	0.81	0.18	2.67	0.98	1.37	1.16	0.71	
GG894F	1.03	-0.19	0.39	0.16	-1.27	0.00	0.10	-1.34	0.57	1.36	1.02	0.29	
GWY4EK	1.09	0.63	0.60	0.25	2.37	0.93	0.16	1.63	0.98	1.20	-0.64	0.26	
GZDDC3	1.16	1.73	0.57	0.20	0.48	0.37	0.13	0.16	0.04	1.26	-0.04	0.79	
H36YZ7	1.33	4.11X	0.31	0.23	1.75	0.43	0.16	1.56	0.40	1.50	2.48X	0.14	
HKNTNA	1.09	0.70	0.16	0.20	0.43	0.29	0.13	0.10	0.08	1.38	1.25	0.20	
JHDB3J	1.04	-0.04	0.52	0.19	0.16	0.45	0.14	0.34	0.25	1.21	-0.60	0.26	
L3RWF3	1.09	0.72	0.41	0.22	1.11	0.47	0.15	1.10	0.98	1.22	-0.46	0.34	



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Ca (SubTestCode 214) in the Wet Digestion Property Groups													Data units: Percent
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LCEV78	1.05	0.15	0.11	0.19	0.13	0.47	0.13	0.06	0.00	1.33	0.67	0.26	
LNRV32	1.15	1.49	1.08	0.17	-0.91	0.98	0.10	-1.58	1.28	1.41	1.56	3.39	
MTE6MJ	1.00	-0.67	0.60	0.16	-1.41	2.03	0.11	-1.16	1.14	1.27	0.04	1.19	
NMANR4	1.08	0.53	0.52	0.21	0.69	0.47	0.14	0.58	0.00	1.26	0.00	0.10	
PWUER2	1.03	-0.14	0.41	0.18	-0.43	0.00	0.12	-0.47	0.00	1.24	-0.28	0.84	
R79AKX	1.05	0.05	0.60	0.19	-0.01	0.00	0.13	-0.12	0.57	1.32	0.60	0.59	
RD8A3R	0.97	-1.02	0.50	0.19	0.01	0.45	0.12	-0.36	1.68	1.16	-1.07	0.56	
RYBHC4	1.04	-0.09	0.29	0.12	-3.10X	0.34	0.05	-4.02X	0.10	1.30	0.38	0.07	
TLGXFP	1.04	0.02	0.12	0.18	-0.39	0.10	0.12	-0.28	0.06	1.37	1.16	0.11	
UBUJPT	0.68	-5.26X	0.30	0.18	-0.57	0.47	0.11	-0.81	0.57	1.20	-0.64	0.80	
UDGKQU	1.06	0.24	1.00	0.20	0.41	3.24	0.12	-0.72	1.33	1.23	-0.38	0.03	
V3XF9W	1.04	-0.02	4.58	0.20	0.51	3.76	0.13	-0.06	2.47	1.20	-0.68	3.06	
VYY6CW	1.05	0.05	1.00	0.18	-0.57	0.93	0.13	-0.12	2.05	1.25	-0.14	1.23	
W7EXCY	1.00	-0.62		0.17	-0.71	0.47	0.11	-0.81	0.57	1.18	-0.85	0.39	
XA8E2X	0.97	-1.10	0.88	0.25	2.37	0.94	0.22	4.85X	0.54	1.17	-0.95	1.11	
XN9DPV	1.07	0.34	0.31	0.19	-0.07	0.19	0.13	0.00	0.11	1.28	0.15	0.17	
Y2XAN8	1.04	-0.04	0.19	0.18	-0.43	0.00	0.13	0.06	0.00	1.16	-1.06	0.10	
Y9AN9N	1.01	-0.43	0.11	0.18	-0.57	0.47	0.12	-0.64	0.57	1.19	-0.74	0.10	
YC93UT	0.98	-0.87	0.03	0.18	-0.25	0.41	0.12	-0.53	0.35	1.16	-1.14	0.70	
YJDJP9	1.09	0.67	0.58	0.21	0.62	0.40	0.14	0.34	0.50	1.34	0.81	1.11	

Ca (SubTestCode 214) in the Wet Digestion Property Groups					Data units: Percent
	SRB2305	SRB2306	SRB2307	SRB2308	
Grand Median	1.04	0.19	0.13	1.26	
Median Abs Dev	0.04	0.01	0.01	0.06	
Avg Within Lab SD	0.05	0.01	0.01	0.06	
Labs Included	44	44	44	45	
Labs Reporting	46	46	46	46	



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Mg (SubTestCode 215) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2305			SRB2306			SRB2307			SRB2308		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3HNK2K	0.13	-0.32	0.25	0.18	-0.07	1.11	0.03	-0.71	0.31	0.66	1.09	1.24
3WQD73	0.13	-0.12	0.70	0.18	0.00	0.00	0.03	0.36	0.31	0.64	0.60	1.31
64ZF9L	0.13	-0.12	0.70	0.18	0.00	0.00	0.31	42.52X	0.00	0.57	-0.70	0.43
6MPCRD	0.15	0.90	0.06	0.20	1.05	0.15	0.03	0.36	0.00	0.64	0.63	0.31
7JARBY	0.14	0.37	0.00	0.19	0.89	1.12	0.03	-0.30	0.00	0.63	0.41	0.22
7UPEMK	0.14	0.19	0.12	0.19	0.82	0.10	0.03	-0.02	0.00	0.64	0.62	0.19
8JH92G	0.14	0.03	0.23	0.19	0.71	0.08	0.04	0.57	0.15	0.60	-0.13	0.20
8JKTWX	0.12	-0.92	0.23	0.17	-0.84	0.34	0.03	-0.73	0.07	0.56	-0.91	0.77
923AFK	0.13	-0.30	0.56	0.18	0.11	0.37	0.03	-0.24	0.19	0.60	-0.04	1.06
92MQVM	0.11	-1.61	0.73	0.17	-0.73	0.87	0.01	-3.62X	0.57	0.60	-0.10	0.17
AMCA8A	0.14	0.62	1.85	0.19	0.67	0.97	0.03	0.20	1.57	0.62	0.23	0.43
BV9RED	0.13	-0.12	0.70	0.19	0.67	0.00	0.04	1.22	0.00	0.56	-0.89	0.22
D9K9XR	0.13	-0.45	0.00	0.18	-0.13	0.00	0.03	-0.30	0.00	0.59	-0.23	0.00
DDYJV9	0.15	1.31	1.96	0.21	1.97	1.75	0.05	2.29	0.98	0.63	0.54	1.56
DXQVYF	0.12	-0.77	0.59	0.17	-0.39	0.48	0.03	-0.39	0.26	0.59	-0.31	0.71
EAUDBF	0.13	-0.30	0.64	0.18	-0.04	0.70	0.03	0.36	1.26	0.62	0.35	1.27
EGUXBQ	0.14	0.37	0.00	0.18	0.00	0.00	0.04	1.22	0.00	0.55	-0.95	1.41
FHN6WE	0.12	-1.12		0.17	-0.67		0.04	1.22		0.62	0.29	
GEFCEL	0.15	1.12	1.21	0.20	1.33	0.97	0.04	1.22	2.72	0.60	-0.15	0.78
GG894F	0.12	-1.12	0.00	0.17	-0.67	0.00	0.02	-1.83	0.00	0.65	0.85	0.37
GWY4EK	0.15	1.36	0.70	0.20	1.33	0.00	0.04	1.22	0.00	0.58	-0.39	0.22
GZDDC3	0.15	1.16	0.30	0.19	0.89	0.57	0.03	-0.06	0.23	0.61	0.16	1.43
H36YZ7	0.16	1.98	0.19	0.22	2.88X	0.40	0.04	0.82	0.16	0.71	1.89	0.14
HKNTNA	0.14	0.05	0.19	0.19	0.89	0.25	0.03	0.00	0.07	0.66	0.95	0.45
JHDB3J	0.14	0.62	0.71	0.19	0.58	0.39	0.04	0.77	0.27	0.58	-0.37	0.37
L3RWF3	0.14	0.62	0.70	0.20	1.55	0.56	0.04	0.71	1.57	0.59	-0.33	0.22



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Mg (SubTestCode 215) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LCEV78	0.14	0.05	0.14	0.19	0.71	0.20				0.62	0.37	0.21	
LNRV32	0.15	1.45	0.60	0.22	2.66	1.33	0.03	0.12	0.83	0.71	1.98	2.35	
MTE6MJ	0.13	-0.37	0.00	0.18	0.00	0.97	0.03	-0.81	1.57	0.61	0.04	0.57	
NMANR4	0.14	0.62	0.70	0.20	1.33	0.00	0.02	-1.83	0.00	0.72	2.08	0.22	
PWUER2	0.13	-0.37	0.00	0.18	-0.22	0.56	0.03	-0.30	0.00	0.58	-0.39	0.78	
R79AKX	0.15	1.12	0.00	0.20	1.55	0.56	0.03	0.20	1.57	0.69	1.65	0.43	
RD8A3R	0.13	-0.59	0.32	0.16	-1.04	0.89	0.02	-1.12	1.97	0.56	-0.80	0.88	
RYBHC4	0.11	-1.54	0.19	0.17	-0.69	0.24	0.01	-2.81	0.33	0.61	0.05	0.13	
TLGXFP	0.13	-0.32	0.13	0.18	0.08	0.16	0.03	-0.21	0.16	0.66	1.00	0.14	
UBUJPT	0.09	-3.02X	0.19	0.18	-0.20	0.60	0.03	-0.20	0.16	0.56	-0.83	0.64	
UDGKQU	0.14	0.54	1.69	0.17	-0.63	2.18	0.03	0.10	0.76	0.58	-0.50	0.60	
V3XF9W	0.14	0.61	4.72	0.18	0.09	4.58	0.03	-0.63	1.66	0.54	-1.20	4.31	
VYY6CW	0.14	0.62	1.85	0.19	0.44	1.48	0.04	0.71	3.15	0.58	-0.46	0.99	
W7EXCY	0.12	-1.12	0.00	0.16	-1.11	0.56	0.04	0.71	1.57	0.52	-1.51	0.22	
XA8E2X	0.14	0.00	0.56	0.18	-0.16	0.92	0.03	0.30	1.00	0.61	0.16	1.01	
XN9DPV	0.13	-0.66	0.11	0.18	-0.27	0.19	0.03	-0.21	0.08	0.57	-0.57	0.07	
Y2XAN8	0.12	-1.12	0.00	0.16	-1.33	0.00	0.03	-0.30	0.00	0.51	-1.82	0.22	
Y9AN9N	0.14	0.17	0.19	0.19	0.33	0.17	0.03	-0.25	0.16	0.62	0.21	0.21	
YC93UT	0.12	-1.11	0.23	0.18	-0.16	0.13	0.03	-0.38	0.33	0.55	-1.00	0.64	
YJDJP9	0.14	0.00	0.61	0.18	-0.33	0.48	0.04	0.61	0.27	0.62	0.29	0.37	

Mg (SubTestCode 215) in the Wet Digestion Property Groups												Data units: Percent	
	SRB2305			SRB2306			SRB2307			SRB2308			
Grand Median	0.14			0.18			0.032			0.60			
Median Abs Dev	0.01			0.01			0.003			0.03			
Avg Within Lab SD	0.01			0.01			0.004			0.03			
Labs Included	45			45			43			46			
Labs Reporting	46			46			45			46			



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S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2305			SRB2306			SRB2307			SRB2308		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3HNK2K	0.269	-0.03	0.33	0.066	0.71	1.13	0.078	-0.55	1.22	0.238	0.33	0.45
3WQD73	0.260	-0.50	3.27	0.058	-0.60	1.80	0.082	0.00	0.24	0.200	-2.18	3.63
64ZF9L	0.237	-1.66	1.44	0.054	-1.26	0.71	0.072	-1.55	1.82	0.203	-1.96	1.16
6MPCRD	0.300	1.50	0.09	0.068	0.94	0.13	0.091	1.40	0.15	0.263	1.91	0.32
7JARBY	0.293	1.16	0.54	0.070	1.31	0.00	0.087	0.70	1.40	0.247	0.87	0.58
7UPEMK	0.297	1.33	0.11	0.067	0.81	0.09	0.091	1.31	0.09	0.257	1.52	0.21
8JKTWX	0.259	-0.56	1.42	0.061	-0.22	0.39	0.081	-0.10	0.45	0.219	-0.91	0.38
923AFK	0.274	0.21	0.85	0.064	0.33	0.28	0.088	0.85	0.88	0.251	1.17	1.56
92MQVM	0.261	-0.43	0.58	0.065	0.55	2.08	0.083	0.10	1.98	0.232	-0.11	1.16
AMCA8A	0.277	0.33	0.54	0.060	-0.33	0.00	0.080	-0.30	0.00	0.243	0.65	0.58
BV9RED	0.250	-0.99	0.94	0.060	-0.33	0.00	0.080	-0.30	0.00	0.223	-0.65	0.58
D9K9XR	0.276	0.30	0.00	0.062	0.00	0.00	0.083	0.15	0.00	0.233	-0.02	0.00
DDYJV9	0.277	0.35	1.89	0.065	0.49	0.65	0.085	0.40	1.15	0.251	1.16	1.51
DXQVYF	0.272	0.12	1.12	0.061	-0.11	0.63	0.082	-0.06	1.07	0.236	0.18	1.49
E46ZAR	0.267	-0.17	1.44	0.063	0.22	1.41	0.083	0.20	1.40	0.247	0.87	0.58
EAUDBF	0.251	-0.93	0.72	0.059	-0.55	0.28	0.079	-0.45	1.75	0.233	-0.02	1.46
EGUXBQ	0.247	-1.16	1.09	0.050	-1.97	0.00	0.067	-2.30	1.40	0.163	-4.58X	6.48
FHN6WE	0.230	-1.99		0.060	-0.33		0.080	-0.30		0.230	-0.22	
GEFCEL	0.260	-0.50	0.94	0.060	-0.33	2.44	0.080	-0.30	2.43	0.250	1.09	1.01
GG894F	0.233	-1.82	0.54	0.050	-1.97	0.00	0.070	-1.80	0.00	0.223	-0.65	0.58
GWY4EK	0.270	0.00	0.00	0.067	0.77	1.41	0.080	-0.30	0.00	0.223	-0.65	0.58
GZDDC3	0.288	0.88	1.03	0.063	0.09	0.38	0.072	-1.46	1.03	0.223	-0.66	0.19
H36YZ7	0.278	0.40	0.41	0.065	0.44	0.14	0.087	0.75	0.42	0.234	0.04	0.46
HKNTNA	0.278	0.38	0.07	0.062	-0.02	0.15	0.083	0.19	0.07	0.225	-0.56	0.23
JHDB3J	0.276	0.28	0.24	0.063	0.22	0.28	0.084	0.25	0.14	0.235	0.13	0.06
L3RWF3	0.283	0.66	1.09	0.067	0.77	1.41	0.083	0.20	1.40	0.233	0.00	1.16



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S (SubTestCode 216) in the Wet Digestion Property Groups

Data units: Percent

WebCode	SRB2305			SRB2306			SRB2307			SRB2308		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
L88642	0.260	-0.50	0.00	0.070	1.31	0.00	0.100	2.70	0.00	0.230	-0.22	0.00
LCEV78	0.270	0.00	0.94	0.060	-0.33	0.00	0.077	-0.80	1.40	0.233	0.00	0.58
LNRV32	0.361	4.52X	7.32	0.135	11.91X	16.18	0.126	6.64X	11.97	0.315	5.38X	7.36
MTE6MJ	0.260	-0.50	0.94	0.050	-1.91	2.32	0.073	-1.30	1.40	0.223	-0.65	1.54
NMANR4	0.290	0.99	0.00	0.070	1.31	0.00	0.083	0.20	1.40	0.257	1.53	0.58
PWUER2	0.283	0.66	0.54	0.060	-0.33	0.00	0.080	-0.30	0.00	0.253	1.31	1.16
R79AKX	0.313	2.15	0.54	0.070	1.31	0.00	0.093	1.70	1.40	0.287	3.49X	0.58
RD8A3R	0.247	-1.13	0.38	0.062	-0.05	0.37	0.080	-0.30	0.24	0.222	-0.76	0.82
RYBHC4	0.264	-0.32	0.30	0.053	-1.42	0.14	0.076	-0.95	0.14	0.233	0.00	0.15
TLGXFP	0.270	0.00	0.20	0.060	-0.30	0.15	0.083	0.12	0.15	0.244	0.68	0.11
UBUJPT	0.173	-4.80X	0.54	0.057	-0.87	1.41	0.070	-1.80	0.00	0.220	-0.87	1.75
UDGKQU	0.266	-0.18	1.28	0.068	0.95	0.49	0.084	0.29	0.61	0.228	-0.34	0.40
V3XF9W	0.332	3.06X	3.63	0.080	2.94X	1.69	0.104	3.23X	1.58	0.277	2.83X	1.18
VYY6CW	0.270	0.00	0.94	0.067	0.77	2.82	0.083	0.20	1.40	0.233	0.00	1.54
W7EXCY	0.283	0.66	0.54	0.067	0.77	1.41	0.083	0.20	1.40	0.267	2.18	0.58
XA8E2X	0.311	2.05	2.28	0.072	1.57	0.36	0.091	1.37	0.96	0.231	-0.15	0.36
XN9DPV	0.262	-0.37	0.07	0.061	-0.09	0.17	0.082	-0.05	0.09	0.235	0.12	0.07
Y2XAN8	0.283	0.66	0.54	0.067	0.77	1.41	0.090	1.20	0.00	0.230	-0.22	0.00
Y9AN9N	0.271	0.05	0.19	0.060	-0.33	0.24	0.079	-0.50	0.28	0.235	0.09	0.59
YC93UT	0.257	-0.63	0.10	0.064	0.32	0.22	0.082	0.07	0.30	0.221	-0.82	0.22
YJDJP9	0.274	0.21	1.51	0.062	0.00	1.12	0.082	0.00	0.49	0.241	0.52	0.52



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S (SubTestCode 216) in the Wet Digestion Property Groups					Data units: Percent
	SRB2305	SRB2306	SRB2307	SRB2308	
Grand Median	0.27	0.062	0.082	0.23	
Median Abs Dev	0.01	0.003	0.002	0.01	
Avg Within Lab SD	0.01	0.004	0.004	0.01	
Labs Included	44	45	45	43	
Labs Reporting	47	47	47	47	



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Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
6MPCRD	0.332	0.84	0.16	0.001	-0.23	0.00	0.074	0.30	0.34	0.105	0.21	0.24	
7JARBY	0.343	1.22	0.43	0.010	1.38	0.00	0.080	0.96	0.00	0.110	0.51	0.00	
7UPEMK	0.345	1.26	0.26	0.001	-0.15	0.02	0.080	0.95	0.14	0.107	0.32	0.20	
8JH92G	0.303	-0.14	0.43	0.044	7.45X	2.75	0.092	2.34	3.09	0.167	4.16	3.16	
8JKTWX	0.287	-0.70	0.46	0.002	-0.06	0.43	0.065	-0.81	0.94	0.087	-0.95	0.78	
923AFK	0.296	-0.39	0.76	0.001	-0.19	0.02	0.070	-0.20	0.31	0.101	-0.05	0.47	
92MQVM	0.290	-0.57	0.17	0.002	0.00	0.11	0.070	-0.23	0.38	0.095	-0.46	0.93	
AMCA8A	0.313	0.20	0.87	0.010	1.38	0.00	0.073	0.17	1.27	0.107	0.29	0.88	
BV9RED	0.280	-0.92	0.00	0.010	1.38	0.00	0.073	0.17	1.27	0.090	-0.78	0.00	
D9K9XR	0.319	0.38	0.00	0.002	-0.06	0.00	0.072	-0.02	0.00	0.098	-0.29	0.00	
DXQVYF	0.277	-1.03	1.11				0.068	-0.45	0.60	0.092	-0.67	0.63	
EAUDBF	0.308	0.03	0.43	0.002	0.00	0.22	0.074	0.29	0.34	0.106	0.25	0.53	
EGUXBQ	0.300	-0.25	0.00	0.010	1.38	0.00	0.080	0.96	0.00	0.097	-0.35	0.88	
GEFCEL	0.300	-0.25	0.75	0.010	1.38	0.19	0.060	-1.42	2.19	0.113	0.70	0.93	
GG894F	0.320	0.41	0.36	0.000	-0.34	0.01	0.072	-0.02	0.22	0.105	0.17	0.40	
GWY4EK	0.297	-0.36	0.43	0.010	1.38	0.00	0.073	0.17	1.27	0.093	-0.56	0.88	
GZDDC3	0.312	0.16	0.48	0.004	0.26	0.31	0.075	0.34	0.22	0.097	-0.30	0.40	
H36YZ7	0.305	-0.07	0.24	0.001	-0.18	0.11	0.072	-0.03	0.25	0.101	-0.09	0.23	
HKNTNA	0.326	0.63	0.05	0.006	0.73	0.04	0.063	-1.01	0.11	0.191	5.73X	0.73	
JHDB3J	0.307	0.00	0.51							0.102	0.02	0.23	
LCEV78	0.308	0.02	0.17				0.072	0.02	0.12	0.114	0.77	0.89	
LN RV32	0.361	1.80	0.85	0.013	1.85	0.38	0.087	1.75	1.24	0.121	1.22	2.16	
MTE6MJ	0.287	-0.70	0.43	0.001	-0.24	0.00	0.007	-7.71X	1.01	0.036	-4.23X	3.00	
NMANR4	0.210	-3.28	0.00	0.008	0.94	0.01	0.045	-3.24	0.13	0.104	0.10	0.05	
R79AKX	0.340	1.10	0.75				0.083	1.36	1.27	0.120	1.15	0.00	
RD8A3R	0.333	0.88	1.00	0.063	10.87X	1.73	0.115	5.14X	2.49	0.187	5.46X	0.15	



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Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
RYBHC4	0.318	0.35	0.04	0.002	-0.06	0.00	0.077	0.60	0.44	0.108	0.38	0.31	
TLGXFP	0.343	1.22	0.23	0.001	-0.23	0.00	0.082	1.26	0.23	0.131	1.85	0.00	
UBUJPT	0.194	-3.83	0.27	0.001	-0.24	0.00	0.064	-0.91	0.63	0.095	-0.43	0.78	
UDGKQU	0.307	0.00	0.62	0.008	0.94	0.90	0.074	0.30	1.33	0.099	-0.20	0.32	
V3XF9W	0.288	-0.66	5.25	0.002	-0.01	0.25	0.058	-1.61	2.47	0.080	-1.41	3.10	
VYY6CW	0.303	-0.14	0.91	0.018	2.88	5.23	0.073	0.09	0.99	0.103	0.04	1.19	
XN9DPV	0.291	-0.56	0.17	0.002	-0.01	0.03	0.072	-0.04	0.22	0.069	-2.14	0.08	
Y2XAN8	0.316	0.29	0.20				0.068	-0.47	0.22	0.099	-0.20	0.15	
Y9AN9N	0.305	-0.09	0.11				0.071	-0.12	0.11	0.092	-0.62	0.06	
YC93UT	0.304	-0.12	0.09	0.002	-0.03	0.05	0.070	-0.21	0.33	0.102	-0.02	0.62	
YJDJP9	0.310	0.09	0.75	0.011	1.62	0.48	0.071	-0.11	0.22	0.122	1.26	0.38	

Na (SubTestCode 217) in the Wet Digestion Property Groups												Data units: Percent	
	SRB2305			SRB2306			SRB2307			SRB2308			
Grand Median	0.31			0.002			0.072			0.10			
Median Abs Dev	0.01			0.001			0.003			0.01			
Avg Within Lab SD	0.01			0.005			0.005			0.01			
Labs Included	37			29			34			34			
Labs Reporting	37			31			36			37			



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AI (SubTestCode 218) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2305			SRB2306			SRB2307			SRB2308		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7JARBY	413.3	-0.38	0.21	37.3	-0.03	0.20	12.0	-0.03	0.31	56.3	-0.88	0.49
7UPEMK	458.4	-0.19	0.19	48.0	0.71	0.91	10.9	-0.22	0.37	92.1	0.55	0.51
8JH92G	551.9	0.19	0.21	37.4	-0.02	0.35	22.2	1.65	3.52	75.3	-0.12	0.16
8JKTWX	559.5	0.22	1.35	29.9	-0.54	0.81	3.1	-1.51		58.0	-0.82	1.99
923AFK	442.7	-0.25	0.31	32.9	-0.33	0.18	10.8	-0.23	0.10	93.4	0.60	2.00
92MQVM	378.0	-0.52	1.25	28.3	-0.65	0.25	11.2	-0.16	0.80	69.4	-0.36	0.90
AMCA8A	402.7	-0.42	0.32	36.7	-0.07	0.20	10.7	-0.25	0.48	76.0	-0.09	0.40
BV9RED	354.7	-0.62	0.08	32.3	-0.37	0.20	10.0	-0.36	0.31	65.3	-0.52	0.18
D9K9XR	510.9	0.03	0.00	36.2	-0.10	0.00	12.2	0.00	0.00	78.2	0.00	0.00
DDYJV9	975.3	1.93	1.42	53.0	1.06	0.41	18.3	1.01	0.27	116.2	1.52	0.89
DXQVYF	356.0	-0.61	0.59	27.9	-0.68	0.29	9.3	-0.48	0.15	63.9	-0.58	0.35
EGUXBQ	300.0	-0.84	0.24	18.3	-1.34	0.15	9.3	-0.48	0.48	48.3	-1.20	0.61
GG894F	338.3	-0.68	0.30	23.5	-0.98	0.28	3.4	-1.45	0.02	68.1	-0.41	0.37
GWY4EK	610.0	0.43	1.45	60.0	1.54	0.32	19.5	1.21	0.28	99.8	0.86	1.73
GZDDC3	490.5	-0.06	0.12	40.4	0.19	0.30	14.5	0.38	0.23	77.1	-0.05	0.34
H36YZ7	624.8	0.49	0.77	55.4	1.23	0.59	20.7	1.41	0.78	124.4	1.85	0.24
LCEV78	381.7	-0.50	0.15	25.9	-0.81	0.35	7.4	-0.80	0.01	101.7	0.94	0.18
LNRV32	852.5	1.43	3.34	51.0	0.92	4.60	22.8	1.76	3.03	113.6	1.41	2.88
R79AKX	498.7	-0.03	0.27	38.0	0.02	0.52	11.1	-0.18	0.05	85.7	0.30	0.49
RYBHC4	733.1	0.94	0.52	32.8	-0.34	0.45				102.2	0.96	0.33
TLGXFP	783.1	1.14	0.68	48.3	0.73	0.13	13.6	0.23	0.00	106.9	1.15	0.46
V3XF9W	782.1	1.14	2.13	58.7	1.46	1.49	17.9	0.95	0.78	90.5	0.49	1.71
VYY6CW	792.7	1.18	0.57	61.9	1.68	0.77	16.5	0.71	0.24	150.0	2.88X	2.25
W7EXCY	483.2	-0.09	0.13	48.8	0.77	0.35	19.1	1.14	0.25	80.5	0.09	0.06
XN9DPV	739.7	0.96	1.34	52.9	1.05	0.55	15.5	0.54	0.13	100.4	0.89	0.60
Y2XAN8	832.0	1.34	0.46	30.7	-0.49	0.20	13.0	0.13		42.7	-1.43	0.49



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AI (SubTestCode 218) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
Y9AN9N	596.0	0.37	0.34	46.0	0.57	0.46	12.0	-0.03	0.62	75.0	-0.13	0.56	
YC93UT	40.5	-1.90	0.02	40.5	0.19	0.14	17.5	0.89	0.08	78.3	0.00	0.43	

AI (SubTestCode 218) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB2305	SRB2306	SRB2307	SRB2308		
Grand Median	504.8	37.7	12.2	78.3		
Median Abs Dev	124.9	9.6	2.9	14.4		
Avg Within Lab SD	47.1	7.8	3.2	6.6		
Labs Included	28	28	27	27		
Labs Reporting	28	28	27	28		



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B (SubTestCode 219) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2305			SRB2306			SRB2307			SRB2308		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3HNK2K	11.02	0.01	0.96	4.60	0.72	1.72	2.25	0.66	2.04	27.88	0.35	1.25
3WQD73	13.67	1.46	2.89	3.83	0.19	0.08	1.67	0.18	0.96	24.33	-1.06	0.92
64ZF9L	11.70	0.38	0.82	3.55	-0.01	0.82	1.23	-0.17	0.72	26.47	-0.21	1.84
7JARBY	11.33	0.18	0.72	3.00	-0.40		1.00	-0.36		29.00	0.80	
7UPEMK	10.41	-0.33	0.28	3.29	-0.19	0.47	0.90	-0.44	1.27	28.58	0.63	0.23
8JH92G	13.48	1.36	1.61	6.51	2.07	3.67	48.07	37.93X	283.30	81.95	21.89X	4.48
8JKTWX	11.34	0.18	1.43	5.41	1.30	0.35	3.60	1.75	0.13	26.75	-0.10	0.57
923AFK	9.47	-0.84	0.52	3.16	-0.28	0.02	1.19	-0.21	0.14	28.00	0.40	1.18
92MQVM	10.33	-0.37	1.89	7.10	2.49	1.38	4.60	2.57	2.02	26.90	-0.04	1.81
AMCA8A	12.00	0.54		3.33	-0.16	0.84	1.00	-0.36		25.33	-0.66	0.46
BV9RED	11.67	0.36	0.72	7.00	2.42	1.45	3.33	1.53	2.20	21.33	-2.26	0.46
D9K9XR	10.90	-0.06	0.00	3.50	-0.05		1.46	0.01	0.00	27.00	0.00	
DDYJV9	10.80	-0.11	0.66	3.73	0.12	0.47	1.57	0.10	0.44	26.43	-0.23	1.45
DXQVYF	9.85	-0.64	0.80	3.05	-0.36	0.07	0.68	-0.62	0.15	29.29	0.91	1.22
EAUDBF	9.60	-0.77	0.43	3.50	-0.05	0.25	1.43	-0.01	0.58	26.93	-0.03	0.68
EGUXBQ	4.02	-3.84X	0.89	1.56	-1.41	0.69	0.02	-1.16	0.04	15.00	-4.78X	0.42
FHN6WE	11.00	-0.01		5.00	1.01		3.00	1.26		29.00	0.80	
GEFCEL	7.13	-2.13	0.38	2.80	-0.54	0.52	1.93	0.40	0.58	25.20	-0.72	0.37
GG894F	8.69	-1.27	0.10	2.23	-0.94	0.03	0.31	-0.93	0.06	25.35	-0.66	0.19
GWY4EK	11.80	0.43	0.38	4.83	0.89	0.42	2.47	0.83	1.45	27.10	0.04	0.35
GZDDC3	13.64	1.44	0.29	5.62	1.45	0.46	5.47	3.27X	1.01	30.02	1.20	0.36
H36YZ7	11.15	0.08	0.42	3.72	0.11	0.28	1.59	0.12	0.34	25.61	-0.55	0.03
HKNTNA	9.41	-0.88	0.98	4.38	0.58	0.65	1.82	0.30	1.41	30.85	1.53	1.22
JHDB3J	14.63	1.99	1.49	6.27	1.90	1.02	3.30	1.51	0.24	29.33	0.93	0.36
L3RWF3	9.67	-0.74	0.38	3.27	-0.21	0.17	2.33	0.72	0.22	29.20	0.88	0.16
LCEV78	14.00	1.64	0.38	4.19	0.44	0.28				32.13	2.05	0.32



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B (SubTestCode 219) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LNRV32	12.45	0.79	1.03	2.81	-0.53	1.81	0.66	-0.64	1.14	30.31	1.32	2.39	
MTE6MJ	13.27	1.24	1.78	3.79	0.16	2.01	2.88	1.17	0.59	29.57	1.02	1.00	
NMANR4	11.13	0.07	0.09	1.54	-1.43	0.03	0.16	-1.04	0.02	29.32	0.92	0.41	
PWUER2	10.70	-0.17	1.21	4.00	0.30	1.45	1.63	0.15	2.71	27.57	0.23	0.47	
R79AKX	10.00	-0.55	0.25	3.47	-0.07	0.08	1.23	-0.17	0.22	28.23	0.49	0.54	
RD8A3R	10.96	-0.03	0.42	2.35	-0.86	0.10	0.43	-0.83	0.50	24.36	-1.05	0.36	
RYBHC4	11.66	0.36	0.18	3.63	0.05	0.15	1.60	0.12	0.38	26.92	-0.03	2.00	
TLGXFP	8.64	-1.30	0.75	2.80	-0.54	0.88	1.04	-0.33	0.00	29.54	1.01	0.00	
UBUJPT	7.47	-1.94	0.19	2.43	-0.80	0.08	0.13	-1.07	0.22	26.27	-0.29	1.06	
V3XF9W	9.38	-0.89	2.00	3.61	0.03	0.97	1.24	-0.17	1.85	26.12	-0.35	1.40	
VYY6CW	11.33	0.18	1.40	3.57	0.00	0.92	0.97	-0.39	0.44	25.83	-0.46	0.74	
W7EXCY	10.50	-0.28	0.33	3.67	0.07	0.17	1.53	0.07	0.58	29.57	1.02	0.20	
XN9DPV	10.19	-0.45	0.04	3.50	-0.04	0.07	1.36	-0.07	0.03	26.23	-0.31	0.12	
Y2XAN8	10.00	-0.55		2.00	-1.10					25.00	-0.80		
Y9AN9N	11.43	0.23	0.06	2.97	-0.42	0.69				25.67	-0.53	0.21	
YC93UT	11.03	0.01	0.03	3.77	0.15	0.18	1.27	-0.14	0.23	26.39	-0.24	0.39	
YJDJP9	13.00	1.09	1.25	6.67	2.18	1.11	5.20	3.05	0.38	28.33	0.53	2.01	

B (SubTestCode 219) in the Wet Digestion Property Groups					Data units: mg/kg	
	SRB2305		SRB2306		SRB2307	
Grand Median	11.0		3.57		1.45	
Median Abs Dev	0.9		0.60		0.48	
Avg Within Lab SD	0.8		0.69		0.26	
Labs Included	42		43		38	
Labs Reporting	43		43		40	



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Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3HNK2K	9.2	-0.21	1.23	31.8	-0.06	0.75	2.8	-0.73	1.67	45.4	0.23	1.62	
3WQD73	8.7	-0.49	0.50	33.3	0.39	0.93	3.8	-0.05	0.60	42.7	-0.53	0.86	
64ZF9L	16.0	4.26X	1.09	38.8	2.00	3.12	27.3	15.90X	3.85	72.3	7.76X	4.81	
6MPCRD	11.3	1.18	0.02	38.6	1.94	0.10	5.2	0.87	0.21	53.5	2.50	0.13	
7JARBY	10.7	0.77	0.52	32.7	0.19	0.93	4.0	0.06	1.87	45.7	0.31	0.32	
7UPEMK	9.1	-0.23	0.09	33.5	0.43	0.52	3.5	-0.30	0.12	47.0	0.69	0.15	
8JH92G	10.9	0.92	0.26	37.5	1.61	0.44	6.6	1.80	0.54	47.4	0.79	0.11	
8JKTWX	9.5	0.01	0.37	33.1	0.33	0.67	4.0	0.05	0.90	44.6	0.00	0.82	
923AFK	8.3	-0.76	0.26	29.6	-0.72	0.16	3.0	-0.59	0.16	44.7	0.05	1.33	
92MQVM	10.9	0.95	1.93	31.1	-0.28	1.32	5.0	0.72	1.40	43.3	-0.36	1.68	
AMCA8A	8.3	-0.75	0.52	33.0	0.29	0.61	3.0	-0.61	1.87	47.7	0.87	0.32	
BV9RED	8.7	-0.53	0.52	30.0	-0.60	0.61	3.0	-0.61		41.7	-0.81	0.32	
D9K9XR	8.4	-0.70	0.00	30.1	-0.57	0.00	3.1	-0.58	0.00	42.3	-0.63	0.00	
DDYJV9	11.0	0.99	0.91	34.7	0.78	1.85	6.0	1.42	1.87	46.3	0.49	2.12	
DXQVYF	7.9	-1.06	0.26	29.9	-0.63	0.48	2.7	-0.79	0.46	42.5	-0.59	0.27	
EAUDBF	9.5	-0.01	1.99	30.9	-0.34	1.25	4.3	0.25	1.20	44.7	0.04	1.58	
EGUXBQ	9.3	-0.10	0.52	25.7	-1.88	0.35	5.7	1.20	2.16	37.7	-1.93	0.65	
FHN6WE	10.2	0.47		28.8	-0.95		5.0	0.74		44.4	-0.05		
GEFCEL	9.8	0.23	0.37	30.5	-0.46	0.37	6.8	1.96	0.67	41.2	-0.95	0.17	
GG894F	7.7	-1.16	0.04	28.8	-0.95	0.54	2.6	-0.89	0.06	45.1	0.15	0.15	
GWY4EK	10.3	0.55	0.37	32.6	0.16	0.53	4.2	0.19	0.69	42.6	-0.55	0.54	
GZDDC3	9.6	0.08	0.78	28.9	-0.92	0.18	1.6	-1.53	0.21	39.9	-1.30	0.27	
H36YZ7	9.6	0.06	0.26	33.6	0.46	0.26	4.2	0.19	0.38	38.5	-1.68	0.24	
HKNTNA	9.5	0.00	0.16	36.1	1.20	0.54	3.9	0.00	0.08	44.2	-0.11	0.19	
JHDB3J	10.9	0.90	0.23	32.7	0.21	2.12	5.7	1.24	2.01	44.6	0.01	1.62	
L3RWF3	9.2	-0.19	0.27	32.7	0.21	0.33	3.3	-0.39	0.29	43.7	-0.23	0.09	



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Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LCEV78	12.7	2.10	0.33	29.8	-0.65	0.64				49.2	1.29	0.31	
LNRV32	13.0	2.30	0.51	47.7	4.63X	6.14	4.8	0.64	0.20	61.6	4.75X	7.98	
MTE6MJ	9.5	0.01	0.42	31.8	-0.05	1.02	3.5	-0.29	1.14	47.6	0.84	0.28	
NMANR4	14.8	3.46X	0.28	28.5	-1.03	0.21	11.4	5.05X	0.36	32.4	-3.40X	0.22	
PWUER2	9.4	-0.06	0.36	33.3	0.38	0.74	3.3	-0.43	0.60	45.9	0.37	1.26	
R79AKX	9.4	-0.06	0.15	34.4	0.70	0.38	3.5	-0.31	0.25	48.1	1.00	0.34	
RD8A3R	7.8	-1.13	0.07	27.6	-1.32	0.34	2.5	-0.93	0.23	41.3	-0.90	1.20	
RYBHC4	7.2	-1.53	0.06	34.9	0.86	0.23	1.4	-1.68	0.39	47.1	0.71	0.79	
TLGXFP	7.9	-1.02	0.11	32.0	0.00	0.33	1.9	-1.37	0.00	49.8	1.45	0.19	
UBUJPT	3.8	-3.74X	0.14	33.7	0.51	0.78	5.7	1.22	0.37	42.2	-0.66	0.24	
UDGKQU	13.5	2.65	4.79	29.9	-0.61	1.85	4.5	0.38	1.38	44.1	-0.13	1.48	
V3XF9W	10.5	0.65	1.96	34.7	0.81	2.76	4.3	0.29	1.18	45.6	0.28	2.74	
VYY6CW	12.1	1.73	0.58	32.1	0.03	0.65	5.4	1.01	1.49	45.6	0.28	0.51	
W7EXCY	9.5	0.03	0.52	30.9	-0.32	0.39	4.4	0.34	0.82	43.0	-0.45	0.51	
XA8E2X	7.3	-1.42	0.15	30.9	-0.34	0.58	4.4	0.35	0.42	45.4	0.23	1.25	
XN9DPV	9.5	-0.01	0.17	33.8	0.52	0.19	3.5	-0.29	0.11	47.5	0.81	0.22	
Y2XAN8	8.7	-0.53	0.52	29.7	-0.70	0.70	3.3	-0.39	1.08	41.7	-0.81	0.32	
Y9AN9N	9.8	0.19	0.30	30.6	-0.43	0.38	3.3	-0.44	0.11	44.1	-0.14	0.04	
YC93UT	9.5	0.04	0.07	34.5	0.74	0.55	3.6	-0.20	0.04	43.4	-0.33	0.18	
YJDJP9	9.1	-0.25	0.78	26.0	-1.78	1.21	4.9	0.68	1.72	35.7	-2.48	2.53	

Zn (SubTestCode 220) in the Wet Digestion Property Groups												Data units: mg/kg	
	SRB2305			SRB2306			SRB2307			SRB2308			
Grand Median	9.49			32.0			3.90			44.6			
Median Abs Dev	0.82			1.9			0.87			2.0			
Avg Within Lab SD	1.10			1.6			0.53			1.8			
Labs Included	43			45			43			43			
Labs Reporting	46			46			45			46			



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Mn (SubTestCode 221) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2305			SRB2306			SRB2307			SRB2308		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3HNK2K	27.3	-0.12	0.68	34.0	0.17	1.32	10.2	-0.64	1.17	76.7	0.24	1.25
3WQD73	25.0	-0.83	0.69	33.3	-0.07	0.33	11.3	0.04	1.00	70.0	-0.64	0.48
64ZF9L	22.5	-1.61	0.37	29.2	-1.52	1.97	4.9	-3.96	0.84	68.3	-0.87	0.24
6MPCRD	31.0	1.07	0.03	38.0	1.59	0.28	12.9	1.03	0.31	82.7	1.05	0.01
7JARBY	29.0	0.43	1.20	36.3	0.99	0.66	12.3	0.66	1.00	80.0	0.68	0.28
7UPEMK	28.8	0.36	0.16	36.6	1.09	0.07	12.0	0.45	0.17	80.4	0.74	0.10
8JH92G	24.3	-1.04	0.30	32.1	-0.52	0.18	11.4	0.06	0.43	70.2	-0.61	0.26
8JKTWX	26.1	-0.50	0.25	32.4	-0.42	0.50	12.7	0.87	2.21	69.4	-0.72	0.79
923AFK	27.6	0.00	0.50	34.3	0.27	0.15	11.2	-0.04	0.30	78.2	0.45	1.12
92MQVM	23.8	-1.21	0.45	31.0	-0.90	0.65	10.3	-0.60	0.69	67.0	-1.03	0.90
AMCA8A	28.7	0.33	2.11	34.3	0.29	0.87	9.3	-1.20	1.00	79.3	0.60	0.70
BV9RED	26.7	-0.30	0.40	34.3	0.29	0.33	11.3	0.04	1.00	72.7	-0.29	0.16
D9K9XR	26.9	-0.23	0.00	33.1	-0.15	0.00	11.0	-0.16		72.8	-0.27	0.00
DDYJV9	29.7	0.64	0.80	36.3	0.99	1.19	11.7	0.25	1.00	81.3	0.86	1.53
DXQVYF	26.3	-0.43	0.65	32.7	-0.30	0.25	11.0	-0.19	0.67	74.7	-0.02	0.58
EAUDBF	28.1	0.14	0.99	33.0	-0.20	0.44	12.9	1.01	1.76	78.0	0.42	0.76
EGUXBQ	26.7	-0.30	0.40	31.3	-0.78	0.33	11.3	0.04	1.00	68.7	-0.82	1.69
FHN6WE	27.0	-0.20		33.0	-0.19		15.0	2.31		79.0	0.55	
GEFCEL	25.8	-0.58	0.45	33.6	0.03	0.36	10.8	-0.27	0.53	68.5	-0.83	0.18
GG894F	19.6	-2.53	0.15	27.4	-2.18	0.17	3.6	-4.77X	0.14	76.9	0.28	0.07
GWY4EK	30.4	0.86	0.24	36.0	0.86	0.51	11.4	0.08	0.75	72.2	-0.34	0.21
GZDDC3	31.5	1.23	0.14	35.1	0.57	0.50	13.1	1.15	1.35	83.7	1.18	0.38
H36YZ7	37.7	3.17	0.32	47.7	5.01X	0.33	15.6	2.66	0.58	96.7	2.90	0.22
HKNTNA	30.7	0.96	0.70	41.1	2.67	0.37	13.6	1.42	0.13	81.5	0.88	0.21
JHDB3J	29.0	0.44	0.64	34.4	0.32	0.93	11.6	0.19	0.10	75.9	0.14	0.44
L3RWF3	30.7	0.95	0.21	36.3	0.98	0.06	12.3	0.62	0.26	70.6	-0.56	0.13



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Mn (SubTestCode 221) in the Wet Digestion Property Groups													Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
LCEV78	28.2	0.18	0.25	36.0	0.86	0.18	11.4	0.08	0.17	84.7	1.30	0.03		
LNRV32	29.8	0.69	0.24	37.6	1.44	1.37	10.3	-0.63	1.50	88.4	1.80	3.59		
MTE6MJ	28.2	0.18	1.38	35.5	0.69	1.35	11.1	-0.08	1.23	77.3	0.33	0.59		
NMANR4	9.2	-5.80X	0.06	13.4	-7.13X	0.19	2.6	-5.34X	0.08	35.7	-5.18X	0.12		
PWUER2	28.9	0.41	0.80	34.0	0.16	0.34	10.9	-0.21	0.44	73.3	-0.20	0.87		
R79AKX	29.7	0.66	0.35	36.7	1.14	0.13	12.0	0.47	1.00	83.5	1.15	0.37		
RD8A3R	25.8	-0.57	0.25	30.9	-0.92	0.11	10.4	-0.54	0.31	70.2	-0.61	0.42		
RYBHC4	25.6	-0.63	0.18	32.2	-0.48	0.27	8.0	-2.01	0.12	76.8	0.26	0.74		
TLGXFP	28.8	0.38	0.22	35.4	0.67	0.03	12.0	0.43	0.10	85.3	1.39	0.25		
UBUJPT	17.2	-3.29	0.11	32.5	-0.35	0.99	10.8	-0.29	0.30	74.9	0.00	0.62		
UDGKQU	30.4	0.86	1.88	33.5	-0.03	2.07	13.0	1.09	1.80	75.4	0.08	0.67		
V3XF9W	27.6	-0.01	4.80	33.3	-0.07	4.33	9.9	-0.82	2.66	69.4	-0.72	3.48		
VYY6CW	27.6	0.00	0.72	33.2	-0.10	0.66	10.9	-0.23	1.71	70.9	-0.53	0.63		
W7EXCY	25.8	-0.59	0.38	31.9	-0.59	0.18	9.5	-1.11	0.53	72.7	-0.29	0.32		
XA8E2X	26.5	-0.35	0.28	33.1	-0.15	0.93	10.9	-0.21	0.95	74.8	0.00	1.28		
XN9DPV	27.8	0.06	0.26	33.7	0.06	0.21	11.1	-0.10	0.15	74.3	-0.07	0.06		
Y2XAN8	27.0	-0.20		32.0	-0.54		11.0	-0.16		66.7	-1.08	0.16		
Y9AN9N	27.6	-0.01	0.43	32.5	-0.38	0.13	10.6	-0.43	0.36	70.8	-0.53	0.03		
YC93UT	28.0	0.12	0.24	36.7	1.11	0.12	11.9	0.37	0.15	71.0	-0.50	0.48		
YJDJP9	25.3	-0.72	1.06	29.0	-1.60	1.14	10.5	-0.47	0.87	63.3	-1.52	1.40		

Mn (SubTestCode 221) in the Wet Digestion Property Groups													Data units: mg/kg	
	SRB2305			SRB2306			SRB2307			SRB2308				
Grand Median	27.6			33.5			11.3			74.8				
Median Abs Dev	1.4			1.5			0.7			4.5				
Avg Within Lab SD	1.4			1.8			0.6			3.6				
Labs Included	45			44			44			45				
Labs Reporting	46			46			46			46				



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Fe (SubTestCode 222) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
3HNK2K	770.0	-0.24	0.59	44.4	0.83	3.32	13.1	-0.35	0.54	148.8	-0.14	0.89	
3WQD73	600.0	-1.49	0.23	31.3	-0.58	0.46	13.7	-0.24	0.53	106.7	-1.82	0.71	
64ZF9L	881.0	0.58	0.64	38.6	0.20	0.10	16.9	0.36	0.92	149.3	-0.11	1.44	
6MPCRD	901.1	0.73	0.07	35.7	-0.10	0.16	14.0	-0.18	0.43	143.0	-0.37	0.33	
7JARBY	643.7	-1.17	0.51	32.0	-0.51	0.20	14.0	-0.18	0.92	112.7	-1.58	0.31	
7UPEMK	803.5	0.01	0.20	37.9	0.13	1.66	13.5	-0.27	0.18	158.1	0.24	0.40	
8JH92G	465.5	-2.49	0.38	21.8	-1.61	0.72	15.3	0.06	0.29	97.2	-2.19	0.33	
8JKTWX	895.2	0.68	0.47	50.4	1.48	1.39	39.4	4.54X	3.69	155.2	0.12	1.47	
923AFK	822.0	0.14	0.53	31.6	-0.56	0.34	13.7	-0.23	0.31	166.0	0.55	1.21	
92MQVM	687.0	-0.85	0.45	35.6	-0.12	0.41	23.1	1.51	2.16	135.7	-0.66	1.05	
AMCA8A	754.0	-0.36	0.61	38.3	0.18	0.76	19.0	0.75	0.79	149.0	-0.13	0.37	
BV9RED	698.0	-0.77	0.05	58.3	2.34	0.23	19.0	0.75	0.46	132.3	-0.79	0.19	
D9K9XR	834.7	0.24	0.00	29.4	-0.79	0.00	12.7	-0.42	0.00	135.1	-0.68	0.00	
DDYJV9	832.3	0.22	1.95	62.3	2.78	3.11	26.3	2.11	2.53	169.0	0.67	2.51	
DXQVYF	671.1	-0.97	0.90	30.7	-0.65	0.02	11.5	-0.65	0.39	131.9	-0.81	0.98	
EAUDBF	843.0	0.30	0.52	35.7	-0.11	0.12	20.9	1.10	2.78	169.7	0.70	0.86	
EGUXBQ	775.0	-0.20	0.65	27.0	-1.05	0.87	12.7	-0.42	0.70	132.0	-0.81	1.13	
FHN6WE	811.0	0.06		157.0	13.03X		131.0	21.54X		229.0	3.06X		
GEFCEL	747.3	-0.41	0.55	47.9	1.21	0.36	28.5	2.51	0.37	162.7	0.42	0.68	
GG894F	612.6	-1.40	0.34	20.3	-1.78	0.16	5.4	-1.77	0.06	128.2	-0.96	0.15	
GWY4EK	747.6	-0.41	1.23	45.4	0.94	1.17	13.0	-0.37	0.19	153.9	0.07	0.97	
GZDDC3	1,014.3	1.56	0.83	33.1	-0.39	0.29	10.0	-0.92	0.32	201.1	1.95	0.67	
H36YZ7	838.9	0.27	0.51	36.5	-0.02	0.26	15.1	0.02	0.23	152.2	0.00	0.21	
HKNTNA	650.6	-1.12	0.28	33.3	-0.36	0.04	21.4	1.19	0.08	139.8	-0.49	0.18	
JHDB3J	798.7	-0.03	0.81	32.5	-0.45	0.57	15.0	0.01	0.12	146.7	-0.22	0.26	
L3RWF3	802.0	-0.01	0.17	39.3	0.29	0.12	21.7	1.25	0.70	138.3	-0.55	0.26	



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Fe (SubTestCode 222) in the Wet Digestion Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LCEV78	776.0	-0.20	0.16	32.2	-0.48	0.50	14.0	-0.18	0.17	158.3	0.24	0.07	
LNRV32	957.8	1.14	1.13	40.6	0.43	1.56	11.3	-0.68	2.41	181.7	1.18	2.21	
MTE6MJ	811.3	0.06	0.83	41.2	0.49	0.74	15.1	0.03	0.56	164.0	0.47	0.86	
NMANR4	645.8	-1.16	0.39	22.6	-1.53	0.11	9.5	-1.01	0.04	115.9	-1.45	0.08	
PWUER2	894.7	0.68	1.11	36.0	-0.08	0.35	13.7	-0.23	0.17	163.7	0.46	0.99	
R79AKX	863.3	0.45	0.54	35.8	-0.09	0.40	14.9	-0.01	0.49	166.0	0.55	0.37	
RD8A3R	842.0	0.29	0.28	40.5	0.41	0.40	22.7	1.44	1.05	170.3	0.72	0.75	
RYBHC4	939.5	1.01	0.41	39.6	0.32	0.15	19.9	0.91	0.27	176.6	0.97	0.25	
TLGXFP	981.9	1.32	0.63	39.2	0.27	0.44	14.3	-0.13	0.28	191.7	1.57	0.37	
UBUJPT	510.7	-2.15	0.24	29.0	-0.83	0.20	12.0	-0.55	0.46	138.3	-0.55	0.58	
UDGKQU	854.6	0.38	0.55	54.5	1.93	1.72	26.4	2.12	2.73	168.7	0.66	0.60	
V3XF9W	849.3	0.34	5.06	41.4	0.51	2.58	15.4	0.08	1.60	157.1	0.20	3.75	
VYY6CW	837.7	0.26	1.38	38.2	0.17	0.46	12.2	-0.51	0.78	165.7	0.54	0.80	
W7EXCY	768.4	-0.25	0.54	38.6	0.21	0.69	19.2	0.80	0.66	139.3	-0.51	0.35	
XA8E2X	676.3	-0.93	0.81	36.7	0.00	0.47	16.4	0.27	0.50	159.3	0.28	0.68	
XN9DPV	941.8	1.03	0.53	42.8	0.66	0.55	16.7	0.32	0.08	171.4	0.76	0.18	
Y2XAN8	884.7	0.60	0.26	31.3	-0.58	0.12	13.3	-0.30	0.26	155.7	0.14	0.31	
Y9AN9N	792.5	-0.08	0.29	28.2	-0.92	0.34	7.8	-1.32	0.12	143.8	-0.34	0.46	
YC93UT	771.1	-0.23	0.38	40.0	0.35	0.12	18.2	0.60	0.32	145.6	-0.26	0.80	
YJDJP9	563.0	-1.77	0.02	42.7	0.65	0.42	18.0	0.57	0.92	115.0	-1.48	0.62	

Fe (SubTestCode 222) in the Wet Digestion Property Groups												Data units: mg/kg	
	SRB2305			SRB2306			SRB2307			SRB2308			
Grand Median	802.7			36.7			15.0			152.2			
Median Abs Dev	58.0			4.5			2.5			13.8			
Avg Within Lab SD	42.9			5.0			2.2			8.1			
Labs Included	46			45			44			45			
Labs Reporting	46			46			46			46			



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Cu (SubTestCode 223) in the Wet Digestion Property Groups

Data units: mg/kg

WebCode	SRB2305			SRB2306			SRB2307			SRB2308		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
3HNK2K	4.02	0.16	0.42	2.96	0.38	0.40	1.14	0.57	0.67	7.35	-0.70	1.46
3WQD73	3.90	0.00	0.49	3.03	0.49	0.51	1.00	0.36	0.70	7.83	-0.21	0.33
64ZF9L	4.24	0.45	0.60	2.76	0.09	1.90	1.26	0.76	0.51	8.10	0.06	0.83
6MPCRD	3.79	-0.15	2.00	1.69	-1.49	1.50	0.56	-0.31	0.74	7.19	-0.86	0.04
7JARBY	4.33	0.58	1.62	2.33	-0.54	1.94	1.00	0.36		8.00	-0.03	
7UPEMK	4.06	0.22	0.46	3.07	0.54	0.16	0.86	0.14	4.09	8.93	0.92	0.53
8JH92G	3.98	0.10	2.13	2.88	0.27	0.44	0.68	-0.14	0.29	6.12	-1.96	0.37
8JKTWX	4.04	0.19	0.61	2.93	0.34	0.76	1.08	0.48	0.68	8.07	0.04	0.63
923AFK	3.65	-0.33	0.19	2.55	-0.22	0.53	0.35	-0.64	0.11	8.03	0.00	0.75
92MQVM	5.40	2.00	2.68	4.47	2.61	2.03	3.37	3.96X	2.33	10.57	2.60	1.60
AMCA8A	3.33	-0.76	1.62	3.00	0.44		2.00	1.88		8.00	-0.03	
BV9RED	3.93	0.04	0.16	2.63	-0.10	0.51	0.23	-0.81	0.23	9.40	1.40	0.16
D9K9XR	3.48	-0.55	0.00	2.51	-0.28	0.00	0.38	-0.59	0.00	7.73	-0.31	0.00
DDYJV9	4.50	0.80	0.74	3.97	1.87	1.08	1.17	0.61	0.46	9.40	1.40	0.70
DXQVYF	3.62	-0.37	0.93	2.56	-0.21	0.72	0.48	-0.44	0.04	8.02	-0.01	0.47
EAUDBF	3.40	-0.67	1.69	2.60	-0.15	0.67	0.37	-0.61	0.23	8.17	0.14	0.51
EGUXBQ	6.32	3.23	0.95	5.48	4.11X	0.57	4.36	5.47X	5.63	10.18	2.20	4.21
FHN6WE	3.00	-1.20		2.00	-1.03					8.00	-0.03	
GEFCEL	3.83	-0.09	0.86	3.03	0.49	1.03	1.37	0.91	1.00	6.63	-1.44	0.75
GG894F	3.22	-0.91	0.23	2.02	-1.01	0.14	0.15	-0.94	0.00	7.86	-0.18	0.48
GWY4EK	4.47	0.76	1.17	2.83	0.20	1.18	0.83	0.10	1.00	7.80	-0.24	0.73
GZDDC3	3.64	-0.35	0.33	2.58	-0.18	1.42	0.17	-0.91	0.09	8.35	0.32	0.22
H36YZ7	3.62	-0.37	0.31	2.55	-0.22	0.29	0.35	-0.64	0.12	8.09	0.06	0.10
HKNTNA	4.08	0.25	0.19	3.30	0.89	0.12	0.57	-0.29	0.26	10.03	2.05	0.91
JHDB3J	4.48	0.77	1.98	3.74	1.53	2.29	1.49	1.10	1.64	7.92	-0.12	1.81
L3RWF3	6.70	3.73X	0.28	3.87	1.72	0.39	1.83	1.63	0.46	7.67	-0.38	0.24



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Cu (SubTestCode 223) in the Wet Digestion Property Groups											Data units: mg/kg		
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
LCEV78										9.20	1.20	0.42	
LNRV32	2.82	-1.44	0.69	1.95	-1.11	1.17	0.80	0.06	0.65	7.14	-0.92	1.42	
MTE6MJ	3.35	-0.73	0.68	2.17	-0.78	1.01	0.13	-0.96	0.23	7.80	-0.24	0.48	
NMANR4	3.11	-1.05	0.05	1.84	-1.27	0.06	0.77	0.01	0.02	8.44	0.42	0.07	
PWUER2	3.77	-0.18	0.90	2.33	-0.54	0.97	0.50	-0.41		8.03	0.00	1.53	
R79AKX	4.00	0.14	0.27	2.76	0.09	0.07	0.36	-0.62	0.05	8.38	0.36	0.17	
RD8A3R	2.92	-1.31	0.99	1.95	-1.11	0.83	0.14	-0.95	0.02	7.95	-0.08	0.22	
RYBHC4	2.28	-2.15	1.02	1.37	-1.97	0.51				7.02	-1.04	0.37	
TLGXFP	4.11	0.29	0.17	2.76	0.10	0.20	0.31	-0.69	0.00	10.23	2.26	0.17	
UBUJPT	2.02	-2.50	0.03	3.04	0.51	0.05	0.79	0.04	0.11	8.47	0.45	0.05	
UDGKQU	4.17	0.36	1.35	2.85	0.22	1.90	0.77	0.00	1.50	8.24	0.21	0.48	
V3XF9W	6.92	4.03X	4.58	6.00	4.88X	8.50	1.83	1.63	2.11	9.86	1.88	2.12	
VYY6CW	4.17	0.36	0.71	2.47	-0.34	1.18	2.73	3.00	2.04	8.03	0.00	0.65	
W7EXCY	3.90	0.00	0.56	2.70	0.00	0.58	0.57	-0.30	0.23	8.00	-0.03	0.16	
XA8E2X	3.30	-0.80	0.15	2.24	-0.68	0.46	1.44	1.03	0.24	8.48	0.46	0.27	
XN9DPV	4.17	0.36	0.11	2.90	0.29	0.37	0.58	-0.29	0.08	8.93	0.92	0.23	
Y2XAN8	4.00	0.13		2.00	-1.03					7.67	-0.38	0.92	
Y9AN9N	4.04	0.18	0.52	2.61	-0.13	1.35				7.46	-0.59	0.34	
YC93UT	3.70	-0.27	0.04	2.83	0.18	0.24	0.36	-0.63	0.05	7.95	-0.08	0.16	
YJDJP9	5.00	1.47	0.56	3.60	1.33	0.67	1.10	0.51	0.40	9.80	1.81	0.73	

Cu (SubTestCode 223) in the Wet Digestion Property Groups											Data units: mg/kg		
	SRB2305			SRB2306			SRB2307			SRB2308			
Grand Median	3.90			2.70			0.77			8.03			
Median Abs Dev	0.28			0.33			0.40			0.36			
Avg Within Lab SD	0.36			0.30			0.25			0.63			
Labs Included	43			43			39			46			
Labs Reporting	45			45			41			46			



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Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg		
WebCode	SRB2305			SRB2306			SRB2307			SRB2308				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
7UPEMK	0.67	1.40	2.01	0.50	2.05	0.15	0.54	2.04	1.42	0.76	2.94	2.87		
8JH92G	1.52	4.59	0.26	1.36	6.77X	0.44	1.41	5.69X	1.65	1.45	7.24X	0.72		
8JKTWX	0.15	-0.55	0.84	0.05	-0.46	0.21				0.16	-0.76	0.35		
923AFK	0.29	0.00	0.12	0.13	0.00	0.05				0.35	0.43	0.29		
BV9RED	0.70	1.52	0.20	0.80	3.70	0.08	0.50	1.87	0.16	0.53	1.57	0.32		
DDYJV9	0.38	0.32	1.57	0.08	-0.29	0.24	0.31	1.06	1.97	0.19	-0.54	1.47		
DXQVYF	0.18	-0.43	0.24							0.24	-0.26	0.25		
EAUDBF	0.40	0.39	2.91	0.17	0.24	1.33	0.07	0.06	0.45	0.38	0.65	1.76		
GG894F	0.06	-0.86	0.40	0.04	-0.49	0.00	0.04	-0.06	0.00	0.14	-0.83	0.61		
H36YZ7	0.26	-0.13	0.10	0.12	-0.03	0.06	0.03	-0.09	0.03	0.28	0.00	0.20		
LNRV32	2.34	7.68X	4.34	0.40	1.51	3.41	0.58	2.22	2.20	0.21	-0.43	0.25		
R79AKX	0.30	0.02	0.05	0.13	0.02	0.04	0.04	-0.07	0.01	0.37	0.58	0.14		
TLGXFP	0.31	0.07	0.21	0.13	0.00	0.20	0.02	-0.15	0.11	0.34	0.41	0.26		
V3XF9W	0.29	0.00	0.59	0.27	0.76	1.01	0.12	0.26		0.30	0.13	0.97		
XN9DPV	0.27	-0.07	0.06	0.12	-0.04	0.02	0.03	-0.08	0.01	0.28	-0.01	0.06		
Y2XAN8	0.33	0.15	0.58	0.17	0.21	0.45				0.33	0.34	1.21		
YC93UT	0.21	-0.32	0.41	0.07	-0.32	0.47	0.02	-0.14	0.02	0.14	-0.82	0.08		
YJDJP9	0.12	-0.65	0.16							0.15	-0.76	0.39		

Mo (SubTestCode 224) in the Wet Digestion Property Groups												Data units: mg/kg		
	SRB2305			SRB2306			SRB2307			SRB2308				
Grand Median	0.29			0.13			0.053			0.28				
Median Abs Dev	0.09			0.05			0.034			0.09				
Avg Within Lab SD	0.10			0.13			0.109			0.05				
Labs Included	17			15			12			17				
Labs Reporting	18			16			13			18				



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P (SubTestCode 225) in the Dry Ash Property Groups													Data units: Percent	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4W46YJ	0.08	2.83	1.54	0.14	1.81	0.00	0.06	2.34	0.00	0.51	2.88	0.00		
8JH92G	0.07	0.07	0.60	0.11	0.18	0.11	0.05	0.45	0.10	0.42	0.15	0.16		
E46ZAR	0.07	0.07	0.00	0.11	0.00	0.00	0.05	0.00	2.41	0.41	-0.04	0.66		
H36YZ7	0.07	0.00	0.15	0.12	0.48	0.00	0.05	0.82	0.24	0.41	0.00	0.37		
P8PRPC	0.07	-0.62	1.54	0.11	-0.20	1.32	0.05	-0.12	0.42	0.43	0.56	1.32		
W7UULQ	0.07	-0.16	0.29	0.11	-0.23	0.16	0.05	-0.07	0.21	0.41	-0.04	0.42		
YJDJP9	0.07	-0.97	1.33	0.08	-1.81	2.28	0.04	-0.93	0.96	0.38	-1.06	2.12		

P (SubTestCode 225) in the Dry Ash Property Groups													Data units: Percent	
	SRB2305			SRB2306			SRB2307			SRB2308				
Grand Median	0.070			0.11			0.047			0.41				
Median Abs Dev	0.001			0.00			0.003			0.00				
Avg Within Lab SD	0.004			0.00			0.002			0.01				
Labs Included	7			7			7			7				
Labs Reporting	7			7			7			7				



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K (SubTestCode 226) in the Dry Ash Property Groups

Data units: Percent

WebCode	SRB2305			SRB2306			SRB2307			SRB2308		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4W46YJ	0.53	-1.16	0.00	1.26	0.32	0.63	0.27	-0.61	0.00	10.26	-0.43	0.07
8JH92G	0.53	-1.26	1.54	1.23	0.00	1.52	0.27	-0.72	1.04	10.44	-0.09	0.41
E46ZAR	0.57	0.06	1.24	1.31	0.87	0.63	0.25	-1.31	0.68	11.07	1.06	0.20
H36YZ7	0.57	0.00	0.73	1.32	0.97	0.80	0.31	0.55	0.18	10.49	0.00	0.93
P8PRPC	0.55	-0.69	0.62	1.16	-0.75	1.09	0.29	0.00	1.17	9.60	-1.64	0.44
W7UULQ	0.61	1.01	1.47	1.14	-0.96	0.93	0.33	1.28	0.69	10.56	0.13	0.51
YJDJP9	0.59	0.54	0.12	1.15	-0.86	1.09	0.30	0.25	1.89	11.23	1.36	2.34

K (SubTestCode 226) in the Dry Ash Property Groups

Data units: Percent

	SRB2305	SRB2306	SRB2307	SRB2308
Grand Median	0.57	1.23	0.29	10.5
Median Abs Dev	0.02	0.08	0.02	0.2
Avg Within Lab SD	0.01	0.01	0.01	0.3
Labs Included	7	7	7	7
Labs Reporting	7	7	7	7



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Ca (SubTestCode 227) in the Dry Ash Property Groups													Data units: Percent	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4W46YJ	1.09	0.13	0.48	0.22	2.47	0.00	0.16	2.09	0.00	1.30	-0.24	0.20		
8JH92G	1.08	0.00	0.98	0.21	0.40	0.45	0.14	0.63	0.34	1.31	0.00	0.51		
E46ZAR	1.06	-0.53	1.81	0.21	0.12	1.18	0.12	-1.31	1.53	1.35	0.91	0.61		
H36YZ7	1.15	1.64	0.25	0.21	0.00	0.21	0.14	0.42	0.26	1.32	0.16	0.25		
P8PRPC	1.00	-2.10	0.48	0.20	-1.06	2.05	0.14	-0.07	1.53	1.23	-1.97	0.81		
W7UULQ	1.08	-0.20	0.41	0.20	-0.49	0.30	0.14	0.00	0.62	1.28	-0.78	0.53		
YJDJP9	1.09	0.13	1.44	0.21	-0.18	1.03	0.14	-0.20	1.33	1.34	0.66	2.31		

Ca (SubTestCode 227) in the Dry Ash Property Groups													Data units: Percent	
	SRB2305			SRB2306			SRB2307			SRB2308				
Grand Median	1.08			0.21			0.14			1.31				
Median Abs Dev	0.01			0.00			0.00			0.03				
Avg Within Lab SD	0.02			0.00			0.00			0.03				
Labs Included	7			7			7			7				
Labs Reporting	7			7			7			7				



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Mg (SubTestCode 228) in the Dry Ash Property Groups												Data units: Percent	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4W46YJ	0.14	0.48	0.00	0.19	0.00	0.00	0.03	-0.36	0.00	0.58	-0.86	0.00	
8JH92G	0.14	0.00	0.50	0.19	0.06	0.23	0.04	0.02	0.88	0.60	-0.11	0.51	
E46ZAR	0.13	-0.93	1.55	0.18	-0.68	1.55	0.03	-0.36	0.00	0.62	0.86	1.92	
H36YZ7	0.14	0.66	0.16	0.21	1.68	0.31	0.04	-0.02	0.00	0.65	1.97	0.43	
P8PRPC	0.13	-0.93	1.55	0.18	-0.68	1.55	0.23	13.46X	9.12	0.60	0.00	0.96	
W7UULQ	0.15	1.68	0.34	0.19	0.07	0.47	0.08	3.22	1.65	0.60	-0.07	1.00	
YJDJP9	0.14	-0.05	1.34	0.18	-1.54	1.34	0.04	0.04	1.58	0.62	0.86	0.96	

Mg (SubTestCode 228) in the Dry Ash Property Groups					Data units: Percent	
	SRB2305		SRB2306		SRB2307	
Grand Median	0.14		0.19		0.035	
Median Abs Dev	0.01		0.01		0.003	
Avg Within Lab SD	0.00		0.00		0.001	
Labs Included	7		7		6	
Labs Reporting	7		7		7	



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Na (SubTestCode 229) in the Dry Ash Property Groups													Data units: Percent
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4W46YJ	0.300	0.00	0.00	0.017	0.37	0.95	0.080	0.00	0.00	0.110	-0.26	0.00	
8JH92G	0.303	0.11	0.72	0.044	2.23	2.38	0.092	0.91	2.27	0.167	1.99	2.49	
E46ZAR	0.293	-0.24	0.72	0.010	-0.09	0.00	0.063	-1.31	0.93	0.103	-0.53	0.69	
H36YZ7	0.361	2.17	0.56	0.002	-0.64	0.17	0.086	0.50	0.09	0.117	0.00	0.39	
P8PRPC	0.270	-1.06	1.25	0.010	-0.09	0.44	0.067	-1.05	0.93	0.108	-0.36	0.18	
W7UULQ	0.278	-0.78	1.59	0.030	1.30	0.13	0.083	0.24	0.23	0.152	1.39	0.14	
YJDJP9	0.310	0.35	1.25	0.011	0.00	0.42	0.071	-0.71	0.16	0.122	0.20	0.30	

Na (SubTestCode 229) in the Dry Ash Property Groups					Data units: Percent
	SRB2305	SRB2306	SRB2307	SRB2308	
Grand Median	0.30	0.011	0.080	0.12	
Median Abs Dev	0.01	0.005	0.009	0.01	
Avg Within Lab SD	0.01	0.006	0.006	0.01	
Labs Included	7	7	7	7	
Labs Reporting	7	7	7	7	



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AI (SubTestCode 230) in the Dry Ash Property Groups													Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308				
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
4W46YJ	680.1	1.01	0.44	95.9	0.71	2.16	70.6	2.65	0.98	171.5	1.84	1.91		
8JH92G	551.9	0.00	0.54	37.4	-0.26	0.31	22.2	0.22	1.75	75.3	-0.44	0.11		
H36YZ7	497.0	-0.43	0.50	38.1	-0.25	0.37	14.0	-0.19	0.01	90.1	-0.09	0.53		
P8PRPC	766.4	1.69	0.57	183.6	2.16	0.31	11.6	-0.31	0.30	135.6	0.99	0.54		
UDGKQU	521.7	-0.24	1.99	53.0	0.00	0.11	17.9	0.00	0.94	94.0	0.00	0.86		
AI (SubTestCode 230) in the Dry Ash Property Groups													Data units: mg/kg	
	SRB2305			SRB2306			SRB2307			SRB2308				
Grand Median	551.9			53.0			17.9			94.0				
Median Abs Dev	54.8			15.7			4.3			18.7				
Avg Within Lab SD	18.0			8.9			6.5			9.5				
Labs Included	5			5			5			5				
Labs Reporting	5			5			5			5				



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B (SubTestCode 231) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4W46YJ	11.00	-1.06	0.37	3.60	-0.77	0.73	2.43	-0.40	0.42	25.07	-0.70	0.80	
8JH92G	13.48	-0.10	0.84	6.51	0.19	2.64	48.07	17.02X	62.65	81.95	9.17X	3.25	
E46ZAR	17.67	1.51	0.38	8.33	0.79	0.60	6.67	1.22	0.49	33.67	0.79	0.67	
H36YZ7	12.40	-0.52	0.09	3.99	-0.64	0.11	1.50	-0.76	0.06	20.29	-1.53	1.91	
P8PRPC	9.60	-1.60	0.44	0.48	-1.80	0.10	0.10	-1.29	0.00	23.17	-1.03	0.30	
UDGKQU	14.14	0.15	2.48	7.90	0.65	0.30	4.82	0.51	2.55	32.77	0.63	1.45	
W7UULQ	14.02	0.10	0.17	7.03	0.36	0.05	4.91	0.55	0.05	29.11	0.00	0.19	
XA8E2X	14.63	0.34	0.79	5.35	-0.19	0.15	3.48	0.00	0.31	29.30	0.03	0.12	

B (SubTestCode 231) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2305	SRB2306	SRB2307	SRB2308		
Grand Median	13.7	5.93	3.48	29.1		
Median Abs Dev	1.1	1.96	1.43	4.0		
Avg Within Lab SD	1.5	0.96	1.18	1.7		
Labs Included	8	8	7	7		
Labs Reporting	8	8	8	8		



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Zn (SubTestCode 232) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4W46YJ	7.0	-0.77	1.41	32.8	-0.85	0.79	2.6	-1.03	1.43	42.4	-0.82	0.97	
8JH92G	10.9	1.41	0.52	37.5	0.87	0.60	6.6	1.72	0.46	47.4	0.34	0.38	
E46ZAR	6.7	-0.97	1.05	35.3	0.08	0.48	5.3	0.88	0.93	50.3	1.02	1.08	
H36YZ7	8.2	-0.13	0.17	34.9	-0.08	0.69	3.9	-0.10	0.07	41.0	-1.13	0.70	
P8PRPC	9.5	0.64	1.46	38.2	1.13	2.04	4.2	0.10	1.67	47.7	0.41	1.45	
W7UULQ	8.6	0.13	0.70	32.3	-1.03	0.36	3.8	-0.21	0.22	44.5	-0.34	1.07	

Zn (SubTestCode 232) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2305		SRB2306		SRB2307	
Grand Median	8.39		35.1		4.08	
Median Abs Dev	1.25		2.3		0.78	
Avg Within Lab SD	0.55		1.2		0.62	
Labs Included	6		6		6	
Labs Reporting	6		6		6	



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Mn (SubTestCode 233) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4W46YJ	23.9	-0.08	0.64	32.0	-0.01	0.40	11.0	0.00		76.4	-0.21	0.52	
8JH92G	24.3	0.08	0.61	32.1	0.01	0.85	11.4	0.30	0.80	70.2	-1.26	0.87	
E46ZAR	24.7	0.18	0.81	34.7	0.68	1.51	11.0	0.00		83.3	0.97	0.54	
H36YZ7	29.3	1.67	0.60	38.7	1.72	0.10	13.7	2.30	0.01	82.7	0.87	0.34	
P8PRPC	22.9	-0.37	1.99	30.9	-0.28	1.59	10.1	-0.77	1.54	74.5	-0.53	1.75	
W7UULQ	18.9	-1.68	0.49	26.8	-1.34	0.55	2.2	-7.36X	0.71	78.8	0.21	1.23	

Mn (SubTestCode 233) in the Dry Ash Property Groups												Data units: mg/kg	
	SRB2305			SRB2306			SRB2307			SRB2308			
Grand Median	24.1			32.0			11.0			77.6			
Median Abs Dev	0.9			1.9			0.4			4.1			
Avg Within Lab SD	0.7			0.4			0.3			1.1			
Labs Included	6			6			5			6			
Labs Reporting	6			6			6			6			



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Fe (SubTestCode 234) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4W46YJ	447.0	-0.54	0.85	18.4	-0.64	0.83	9.8	-0.78	0.62	107.2	-0.05	0.75	
8JH92G	465.5	-0.19	1.54	21.8	-0.25	1.61	15.3	0.09	0.77	97.2	-0.50	0.94	
E46ZAR	410.3	-1.21	0.60	26.3	0.25	0.93	19.0	0.68	1.22	109.3	0.05	1.05	
H36YZ7	486.5	0.19	1.04	21.6	-0.28	0.54	14.2	-0.09	0.59	146.4	1.74	1.16	
P8PRPC	500.6	0.45	0.97	37.1	1.47	1.22	9.2	-0.88	0.54	106.9	-0.06	1.03	
W7UULQ	554.8	1.46	0.72	34.2	1.14	0.25	24.4	1.54	1.70	144.2	1.64	1.02	

Fe (SubTestCode 234) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2305	SRB2306	SRB2307	SRB2308		
Grand Median	476.0	24.1	14.7	108.3		
Median Abs Dev	26.8	4.1	4.6	6.2		
Avg Within Lab SD	10.7	2.2	0.8	2.9		
Labs Included	6	6	6	6		
Labs Reporting	6	6	6	6		



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Cu (SubTestCode 235) in the Dry Ash Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4W46YJ	3.57	-1.30	0.69	2.60	-0.74	1.05	0.20	-1.49	1.54	7.00	-0.15	0.36	
8JH92G	3.98	-0.25	2.08	2.88	-0.03	0.80	0.68	-0.24	1.12	6.12	-0.62	0.85	
E46ZAR	4.17	0.25	0.42	3.33	1.09	0.35	0.93	0.43	0.89	5.10	-1.17	1.45	
H36YZ7	3.63	-1.12	0.25	2.84	-0.15	1.99	0.42	-0.92	0.95	8.60	0.72	1.41	
P8PRPC	4.22	0.38	0.40	3.70	2.01	0.37	1.05	0.73	0.81	9.57	1.24	0.38	
W7UULQ	4.36	0.75	0.89	2.91	0.03	0.16	0.86	0.24	0.07	7.54	0.15	0.96	

Cu (SubTestCode 235) in the Dry Ash Property Groups					Data units: mg/kg	
	SRB2305		SRB2306		SRB2307	
Grand Median	4.07		2.90		0.77	
Median Abs Dev	0.22		0.18		0.22	
Avg Within Lab SD	0.36		0.16		0.06	
Labs Included	6		6		6	
Labs Reporting	6		6		6	



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Mo (SubTestCode 236) in the Dry Ash Property Groups										Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308	
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score		
8JH92G	1.52		1.11	1.36		1.44	1.41		1.71	1.45	0.88
H36YZ7	0.26		0.27	0.13		0.08	0.04		0.04	0.32	0.33
P8PRPC	0.42		1.30	0.32		0.96	0.12		0.29	0.46	1.45

Mo (SubTestCode 236) in the Dry Ash Property Groups					Data units: mg/kg
	SRB2305	SRB2306	SRB2307	SRB2308	
Grand Median	0.42	0.32	0.12	0.46	
Median Abs Dev					
Avg Within Lab SD	0.02	0.04	0.11	0.04	
Labs Included	3	3	3	3	
Labs Reporting	3	3	3	3	



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As (SubTestCode 237) in the Heavy Metals Property Groups												Data units: mg/kg
WebCode	SRB2305			SRB2306			SRB2307			SRB2308		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
923AFK	0.629	0.00	0.34				0.021	-0.03	0.00	0.075	-0.03	0.12
BV9RED	0.020	-2.01	0.00	0.047	0.00	1.31	0.023	0.00	0.08	0.027	-0.22	0.17
DDYJV9	0.634	0.02	0.51	0.073	0.66	0.86	0.021	-0.03	0.01	0.090	0.02	0.24
GG894F	1.347	2.37	1.73	0.280	5.85X	0.00	0.280	2.74	0.00	1.107	4.03	1.96
R79AKX	0.673	0.14	1.20	0.033	-0.35	0.13	0.024	0.00	0.03	0.083	0.00	0.12
TLGXFP	0.605	-0.08	1.28	0.010	-0.91	0.00	0.181	1.68	2.63	0.162	0.31	1.72
UDGKQU	2.827	7.25X	6.41							2.420	9.20X	17.06
XN9DPV	0.598	-0.10	0.73	0.105	1.46	1.59	0.046	0.24	0.29	0.057	-0.10	0.31

As (SubTestCode 237) in the Heavy Metals Property Groups					Data units: mg/kg
	SRB2305	SRB2306	SRB2307	SRB2308	
Grand Median	0.63	0.047	0.024	0.083	
Median Abs Dev	0.03	0.026	0.003	0.026	
Avg Within Lab SD	0.07	0.004	0.077	0.035	
Labs Included	7	5	7	7	
Labs Reporting	8	6	7	8	



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Ba (SubTestCode 238) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7UPEMK	9.0	0.05	1.34	13.5	0.50	0.23	3.5	0.59	0.38	57.6	0.14	0.11	
923AFK	8.7	-0.25	1.16	12.6	-0.44	0.86	3.1	-0.30	0.84	54.6	-0.96	1.82	
DDYJV9	11.6	2.58	1.04	13.5	0.44	0.94	3.3	0.30	1.43	59.0	0.68	0.79	
GG894F	7.9	-1.03	0.81	12.0	-1.06	0.90	2.7	-1.38	0.32	56.8	-0.14	0.24	
R79AKX	9.1	0.09	0.86	13.5	0.45	1.24	3.5	0.60	1.68	61.7	1.67	1.38	
TLGXFP	8.9	-0.05	0.61	11.9	-1.16	1.41	2.9	-0.89	0.44	56.0	-0.46	0.28	

Ba (SubTestCode 238) in the Heavy Metals Property Groups												Data units: mg/kg	
	SRB2305			SRB2306			SRB2307			SRB2308			
Grand Median	8.96			13.0			3.23			57.2			
Median Abs Dev	0.17			0.5			0.23			1.5			
Avg Within Lab SD	0.32			0.2			0.08			1.4			
Labs Included	6			6			6			6			
Labs Reporting	6			6			6			6			



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Cd (SubTestCode 239) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7UPEMK	0.177	2.53	2.22	0.062	1.24	2.70	0.110	2.96	2.64	1.438	1.43	0.37	
923AFK	0.100	-0.43	0.16	0.035	-0.19	0.03				1.263	0.00	0.60	
BV9RED	0.113	0.10	0.27	0.077	2.04	0.77	0.013	0.09	0.19	1.117	-1.20	0.17	
DDYJV9	0.105	-0.22	0.22	0.038	-0.02	0.03	0.007	-0.11	0.00	1.399	1.12	0.38	
GG894F	0.150	1.50	1.68	0.060	1.15	0.00	0.060	1.47	0.00	1.277	0.11	0.25	
R79AKX	0.114	0.11	0.10	0.038	-0.01	0.05	0.008	-0.07	0.03	1.373	0.90	0.27	
TLGXFP	0.100	-0.40	0.28	0.024	-0.74	0.30	0.010	0.00	0.00	1.262	-0.01	0.13	
UDGKQU										1.172	-0.75	2.86	
XN9DPV	0.108	-0.10	0.17	0.039	0.01	0.08	0.009	-0.03	0.04	1.197	-0.55	0.08	

Cd (SubTestCode 239) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2305	SRB2306	SRB2307	SRB2308		
Grand Median	0.11	0.038	0.010	1.26		
Median Abs Dev	0.01	0.009	0.003	0.09		
Avg Within Lab SD	0.02	0.020	0.030	0.09		
Labs Included	8	8	7	9		
Labs Reporting	8	8	7	9		



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Co (SubTestCode 240) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7UPEMK	0.325	-0.69	1.64	0.030	-0.42	0.07	0.047	0.26	0.15	0.595	1.23	2.02	
923AFK	0.361	-0.40	0.42	0.044	0.00		0.036	-0.09	0.02	0.509	0.37	0.72	
BV9RED	0.190	-1.77	0.38	0.063	0.59	0.65	0.023	-0.55	0.14	0.393	-0.76	0.04	
DDYJV9	0.459	0.40	0.10	0.017	-0.82	0.06	0.038	-0.04	0.02	0.471	0.00	0.21	
EAUDBF	0.517	0.86	1.33	0.073	0.89	2.35	0.117	2.71	2.82	0.693	2.19	1.95	
GG894F	0.237	-1.40	1.16	0.080	1.10	0.00	0.080	1.43	0.00	0.357	-1.12	0.17	
R79AKX	0.410	0.00	0.57				0.040	0.04	0.04	0.503	0.32	0.26	
TLGXFP	0.436	0.21	0.39	0.014	-0.91	0.26	0.031	-0.27	0.00	0.464	-0.06	0.13	
Y2XAN8	0.453	0.35	1.53							0.470	-0.01	0.65	

Co (SubTestCode 240) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2305	SRB2306	SRB2307	SRB2308		
Grand Median	0.41	0.044	0.039	0.47		
Median Abs Dev	0.05	0.027	0.008	0.04		
Avg Within Lab SD	0.03	0.023	0.041	0.14		
Labs Included	9	7	8	9		
Labs Reporting	9	7	8	9		



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Ni (SubTestCode 241) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7UPEMK	1.46	-0.75	0.30	0.33	1.15	0.84	0.26	0.70	1.37	1.10	-1.37	2.23	
923AFK	1.83	-0.53	0.06	0.20	-0.29	2.18	0.10	-0.51	0.13	1.25	-0.36	0.94	
BV9RED	1.49	-0.73	0.07	0.06	-1.73	0.76	0.46	2.10	0.71	1.25	-0.38	0.41	
DDYJV9	4.61	1.15	0.07	0.24	0.16	0.63	0.13	-0.29	0.10	1.38	0.43	0.37	
GG894F	1.10	-0.97	0.21	0.05	-1.88	0.00	0.05	-0.87	0.00	1.12	-1.21	0.60	
R79AKX	2.97	0.16	0.16	0.22	-0.04					1.37	0.36	0.35	
TLGXFP	4.02	0.80	0.04	0.23	0.04	0.37	0.21	0.26	2.13	1.42	0.71	0.76	
UDGKQU	2.70	0.00	2.97										
XN9DPV	4.36	1.00	0.18	0.23	0.11	0.65	0.17	0.00	0.25	1.40	0.57	0.87	

Ni (SubTestCode 241) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2305	SRB2306	SRB2307	SRB2308		
Grand Median	2.70	0.22	0.17	1.31		
Median Abs Dev	1.24	0.02	0.07	0.08		
Avg Within Lab SD	0.61	0.03	0.06	0.09		
Labs Included	9	8	7	8		
Labs Reporting	9	8	7	8		



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Pb (SubTestCode 242) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7UPEMK	1.04	-0.63	2.59	0.46	2.47	2.55	0.66	1.59	2.39	0.37	1.03	2.26	
923AFK	1.17	0.02	0.34	0.14	-0.04	0.09	0.02	-0.12	0.04	0.17	-0.16	0.09	
BV9RED	1.16	-0.02	0.34	1.32	9.24X	0.46	0.88	2.17	0.25	0.52	1.96	0.73	
DDYJV9	1.27	0.51	0.25	0.15	0.11	0.11	0.02	-0.13	0.01	0.18	-0.09	0.08	
GG894F	1.65	2.44	0.89	0.29	1.17	0.00	0.29	0.60	0.00	0.41	1.27	1.31	
R79AKX	1.23	0.30	0.07	0.14	0.00	0.21	0.02	-0.12		0.16	-0.22	0.04	
TLGXFP	0.95	-1.08	0.41	0.08	-0.48	0.58	0.07	0.00	0.48	0.21	0.09	0.77	
UDGKQU	11.95	54.13X	14.51							19.07	114.19X	19.90	
XN9DPV	1.09	-0.39	0.24	0.08	-0.45	0.35				0.10	-0.59	0.20	

Pb (SubTestCode 242) in the Heavy Metals Property Groups												Data units: mg/kg	
	SRB2305			SRB2306			SRB2307			SRB2308			
Grand Median	1.17			0.14			0.066			0.20			
Median Abs Dev	0.09			0.06			0.047			0.07			
Avg Within Lab SD	0.16			0.05			0.102			0.08			
Labs Included	8			7			7			8			
Labs Reporting	9			8			7			9			



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Sr (SubTestCode 243) in the Heavy Metals Property Groups												Data units: mg/kg	
WebCode	SRB2305			SRB2306			SRB2307			SRB2308			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7UPEMK	50.43	0.85	0.11	4.15	0.15	0.07	7.17	0.39	0.13	67.52	0.55	0.32	
923AFK	48.13	-0.22	1.31	3.98	-0.65	0.13	6.72	-0.25	0.30	64.87	-0.18	1.58	
DDYJV9	49.88	0.59	0.62	4.16	0.19	0.14	6.89	0.00	0.37	69.01	0.97	0.79	
GG894F	45.28	-1.54	0.66	3.53	-2.74	0.11	6.21	-0.97	0.25	65.53	0.00	0.30	
R79AKX	49.27	0.31	0.67	4.12	0.00	0.01	7.22	0.46	0.19	70.03	1.26	0.65	
TLGXFP	45.98	-1.21	1.98	4.20	0.35	2.64	5.22	-2.37	2.58	63.30	-0.62	1.80	
Y2XAN8	48.60	0.00	0.28	3.98	-0.65	0.06	7.09	0.28	0.11	61.46	-1.13	0.11	

Sr (SubTestCode 243) in the Heavy Metals Property Groups					Data units: mg/kg	
	SRB2305		SRB2306		SRB2308	
Grand Median	48.6		4.12		65.5	
Median Abs Dev	1.3		0.08		2.2	
Avg Within Lab SD	1.2		0.40		2.1	
Labs Included	7		7		7	
Labs Reporting	7		7		7	





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PH (SubTestCode 301)

Data units:

WebCode	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4RCUPL	7.72	0.55	0.22	8.07	0.75	0.48	8.00	0.05	0.23
7JARBY	7.52	-0.53	0.15	8.30	1.98	0.75	8.16	1.04	0.55
7UPEMK	7.69	0.35	0.22	8.14	1.12	0.77	8.19	1.22	0.21
8NXGPG	7.61	-0.07	2.39	7.87	-0.38	3.27	7.87	-0.72	2.99
92MQVM	7.43	-1.00	1.66	8.00	0.35	1.67	8.00	0.08	1.79
BV9RED	6.50	-5.91X		7.80	-0.75	0.00	7.90	-0.54	0.00
DDYJV9	7.63	0.07	0.47	7.96	0.13	0.44	8.04	0.30	0.45
E46ZAR	7.50	-0.63	0.29	8.27	1.83	0.17	8.22	1.43	1.00
GWY4EK	6.66	-5.09X	2.53	7.89	-0.24	0.63	7.90	-0.52	1.15
HKNTNA	7.73	0.60	0.68	7.95	0.09	0.35	8.03	0.24	0.52
JHDB3J	7.59	-0.14	0.69	7.90	-0.22	0.63	7.95	-0.21	0.37
LCEV78	7.75	0.69		7.81	-0.70	0.33	7.88	-0.68	0.27
MTE6MJ	7.69	0.35	0.17	7.92	-0.07	1.14	7.98	-0.05	1.00
P8PRPC	7.71	0.48	0.73	8.06	0.68	0.84	8.11	0.73	1.19
PGDJC6	7.67	0.25	0.31	8.26	1.76	0.51	8.37	2.35	0.54
RD8A3R	7.79	0.90	2.13	7.87	-0.35	0.26	7.84	-0.93	0.41
RYBHC4	7.38	-1.28	0.31	7.82	-0.66	0.42	7.81	-1.07	0.37
TLGXFP	7.50	-0.63		7.81	-0.70	0.00	7.93	-0.35	0.00
UDGKQU	7.06	-2.96	0.82	7.81	-0.68	1.09	7.84	-0.91	1.09
YUTTTR	7.49	-0.67	0.42	7.95	0.07	0.44	8.00	0.08	0.47



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PH (SubTestCode 301)

Data units:

	SRW2304	SRW2305	SRW2306
Grand Median	7.62	7.94	7.99
Median Abs Dev	0.11	0.12	0.10
Avg Within Lab SD	0.07	0.06	0.06
Labs Included	18	20	20
Labs Reporting	20	20	20



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EC (SubTestCode 302)

Data units: dS/m

WebCode	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4RCUPL	0.13	2.37	0.16	0.57	-0.84	0.04	0.86	-0.44	0.13
7JARBY	0.12	0.49	0.00	0.60	1.33	1.23	0.90	0.86	0.43
7UPEMK	0.12	-0.17	0.00	0.58	0.30	0.11	0.89	0.41	0.09
8NXGPG	0.12	1.45	1.35	0.58	-0.05	1.76	0.86	-0.67	1.92
92MQVM	0.12	0.05	2.04	0.60	1.38	2.99	0.92	1.61	3.24
BV9RED	0.12	0.49	0.00	0.59	0.86	0.00	0.90	0.99	0.00
DDYJV9	0.13	1.89	1.56	0.59	1.03	1.07	0.90	1.03	0.69
E46ZAR	0.11	-0.98	2.23	0.56	-1.00	0.62	0.85	-0.86	0.43
GWY4EK	0.12	0.49	0.00	0.59	0.63	0.62	0.88	0.20	0.00
HKNTNA	0.12	0.00	0.45	0.58	-0.03	0.09	0.87	-0.04	0.36
LCEV78	0.12	-0.32	0.22	0.58	0.16	0.00	0.88	0.32	0.00
MTE6MJ	0.12	0.49	0.00	0.59	0.86	0.00	0.89	0.72	0.43
P8PRPC	0.12	-0.24	2.23	0.57	-0.30	0.62	0.87	-0.20	0.75
PGDJC6	0.12	-0.10	0.43	0.58	0.00	0.50	0.88	0.00	0.66
RD8A3R	0.12	-0.07	0.02	0.57	-0.21	0.40	0.84	-1.38	0.85
RYBHC4	0.11	-1.71	0.00	0.55	-1.93	1.07	0.84	-1.38	1.30
TLGXFP	0.11	-0.83	0.39	0.56	-1.05	0.16	0.85	-1.09	0.09
UDGKQU	0.12	0.49	0.00	0.58	-0.07	1.23	0.87	-0.33	0.43
YUTTTR	0.12	-0.18	0.22	0.59	0.78	0.12	0.88	0.31	0.08

EC (SubTestCode 302)

Data units: dS/m

	SRW2304	SRW2305	SRW2306
Grand Median	0.12	0.58	0.88
Median Abs Dev	0.00	0.01	0.02
Avg Within Lab SD	0.00	0.01	0.01
Labs Included	19	19	19
Labs Reporting	19	19	19



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Ca (SubTestCode 303) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2304			SRW2305			SRW2306			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
4RCUPL	0.33	-1.67	1.53	2.94	-3.03	0.56	5.73	-2.07	1.62	
7JARBY	0.59	0.89	0.98	3.94	-0.07	2.12	6.84	0.43	1.25	
7UPEMK	0.57	0.69	0.09	4.01	0.13	0.82	6.54	-0.25	0.30	
8NXGPG	0.60	0.95	2.64	4.13	0.49	0.87	6.71	0.13	1.04	
92MQVM	0.50	0.00		3.97	0.00	0.84	6.67	0.05	2.84	
BV9RED	0.57	0.71	0.00	3.99	0.07	0.00	6.59	-0.14	0.00	
DDYJV9	0.48	-0.20	1.48	3.70	-0.79	1.78	6.04	-1.36	1.18	
E46ZAR	0.50	0.00		3.53	-1.28	0.84	6.00	-1.46		
GWY4EK	0.42	-0.80	1.03	3.61	-1.04	0.51	6.65	0.00	0.37	
HKNTNA	0.58	0.79	0.25	3.98	0.03	1.73	7.08	0.99	0.87	
JHDB3J	0.69	1.85	0.18	4.08	0.32	0.08	6.70	0.11	0.13	
LCEV78	1.09	5.62X	0.74	8.10	12.21X	1.53	13.52	15.52X	0.21	
MTE6MJ	0.50	0.03	0.18	4.19	0.66	1.13	7.20	1.26	0.03	
P8PRPC	0.28	-2.07	0.22	3.55	-1.24	0.80	6.28	-0.82	0.13	
PGDJC6	0.50	-0.03	0.92	4.10	0.39	0.14	6.90	0.56	0.17	
RYBHC4	0.46	-0.38	0.64	3.66	-0.92	0.30	6.38	-0.61	0.15	
TLGXFP	0.52	0.21	0.06	3.83	-0.40	0.13	6.47	-0.39	0.03	
UDGKQU	0.48	-0.19	0.17	4.17	0.59	0.94	7.02	0.84	0.46	

Ca (SubTestCode 303) in the Cations Property Groups										Data units: mmolc/L
	SRW2304			SRW2305			SRW2306			
Grand Median	0.50			3.97			6.65			
Median Abs Dev	0.07			0.17			0.25			
Avg Within Lab SD	0.03			0.07			0.17			
Labs Included	17			17			17			
Labs Reporting	18			18			18			



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Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4RCUPL	0.12	0.63	0.12	1.37	0.00	0.49	3.34	1.30	1.04
7JARBY	0.08	-0.72	0.00	1.31	-0.45	0.28	2.87	-0.78	0.34
7UPEMK	0.10	-0.16	0.06	1.37	0.01	0.00	2.97	-0.34	0.20
8NXGPG	0.14	1.53	3.25	1.15	-1.74	1.26	2.75	-1.31	1.43
92MQVM	0.08	-0.60	0.41	1.40	0.28	0.00	3.13	0.40	1.80
BV9RED	0.12	0.84	0.00	1.40	0.27	0.00	3.04	0.01	0.00
DDYJV9	0.10	0.12	2.02	1.34	-0.22	1.23	2.85	-0.87	0.53
E46ZAR	0.10	0.00	0.00	1.30	-0.53	0.00	2.93	-0.48	1.36
GWY4EK	0.10	-0.12	0.41	1.41	0.34	0.87	3.13	0.37	0.90
HKNTNA	0.10	0.03	0.55	1.50	1.12	1.34	3.25	0.92	1.22
JHDB3J	0.17	2.40	0.41	1.50	1.07	0.16	3.12	0.32	0.24
LCEV78				2.74	11.13X	0.57	6.03	13.14X	0.14
MTE6MJ	0.10	0.12	0.41	1.60	1.90	0.57	3.58	2.35	0.24
P8PRPC	0.05	-1.67	0.11	1.10	-2.14	1.98	2.91	-0.57	1.18
PGDJC6	0.12	0.72		1.36	-0.07	2.37	3.04	0.00	2.09
RYBHC4	0.08	-0.68	0.60	1.35	-0.12	0.85	3.04	-0.03	0.18
TLGXFP	0.09	-0.35	0.03	1.36	-0.01	0.09	3.01	-0.14	0.06
UDGKQU	0.08	-0.77	0.03	1.51	1.20	0.62	3.33	1.28	0.39

Mg (SubTestCode 304) in the Cations Property Groups

Data units: mmolc/L

	SRW2304	SRW2305	SRW2306
Grand Median	0.10	1.37	3.04
Median Abs Dev	0.02	0.04	0.11
Avg Within Lab SD	0.01	0.04	0.09
Labs Included	17	17	17
Labs Reporting	17	18	18



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Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4RCUPL	0.48	0.88	0.53	1.08	-0.77	1.63	0.37	-3.93X	4.01
7JARBY	0.43	-0.21	0.42	1.15	-0.17	0.39	0.58	-0.47	0.47
7UPEMK	0.43	-0.13	0.19	1.17	-0.02	0.06	0.59	-0.23	0.31
8NXGPG	0.40	-0.85	2.65	1.21	0.31	0.64	0.61	0.04	0.47
92MQVM	0.44	0.07	0.49	1.21	0.29	0.92	0.63	0.43	1.35
BV9RED	0.43	-0.11	0.00	1.17	0.00	0.00	0.61	0.02	0.00
DDYJV9	0.46	0.34	1.34	1.15	-0.19	1.25	0.62	0.17	0.63
E46ZAR	0.33	-2.26	2.45	1.03	-1.14	1.47	0.57	-0.69	2.69
GWY4EK	0.46	0.35	0.49	1.25	0.61	0.92	0.65	0.77	1.17
HKNTNA	0.51	1.45	0.12	1.34	1.34	1.14	0.68	1.14	0.33
JHDB3J	0.51	1.41	0.24	1.24	0.50	0.15	0.68	1.21	0.47
LCEV78	0.44	-0.07	0.24	1.19	0.15	0.53	0.61	-0.02	0.27
MTE6MJ	0.51	1.55	0.49	1.35	1.40	0.39	0.68	1.27	0.27
P8PRPC	0.44	0.00	0.22	0.90	-2.25	2.13	0.47	-2.31	1.34
PGDJC6	0.40	-0.92	1.49	1.21	0.29	1.78	0.58	-0.41	1.89
RYBHC4	0.39	-1.06	0.73	1.10	-0.60	0.44	0.56	-0.80	0.81
TLGXFP	0.42	-0.35	0.05	1.14	-0.25	0.02	0.59	-0.23	0.07
UDGKQU	0.48	0.81	0.18	1.34	1.30	0.38	0.68	1.24	0.23
YUTTTR	0.44	0.00	0.00	1.02	-1.23	0.78	0.57	-0.69	0.27

Na (SubTestCode 305) in the Cations Property Groups

Data units: mmolc/L

	SRW2304	SRW2305	SRW2306
Grand Median	0.44	1.17	0.61
Median Abs Dev	0.02	0.06	0.03
Avg Within Lab SD	0.02	0.04	0.02
Labs Included	19	19	18
Labs Reporting	19	19	19



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K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4RCUPL	0.05	1.90	1.06	0.12	0.37	0.31	0.12	0.58	1.38
7JARBY	0.02	-0.70	0.00	0.10	-0.31	0.41	0.11	-0.53	0.83
7UPEMK	0.03	-0.11	0.04	0.11	-0.06	0.02	0.12	0.37	0.38
8NXGPG	0.04	0.90	2.52	0.14	1.85	3.92	0.13	1.05	2.23
92MQVM	0.01	-1.28	0.74	0.10	-0.68	0.41	0.10	-0.77	2.19
BV9RED	0.03	-0.21	0.00	0.13	1.06	0.00	0.13	1.00	0.00
DDYJV9	0.05	2.15	1.12	0.14	1.64	0.62	0.14	1.69	1.05
E46ZAR	0.02	-0.70	1.28	0.09	-1.24	0.83	0.10	-1.01	1.43
GWY4EK	0.03	0.46	1.95	0.10	-0.49	0.71	0.11	-0.05	0.83
HKNTNA	0.03	0.06	0.20	0.12	0.67	0.05	0.12	0.63	0.24
JHDB3J	0.03	0.17	0.00	0.11	0.25	0.41	0.12	0.43	0.00
LCEV78				0.11	0.06	0.00	0.11	-0.29	0.00
P8PRPC	0.02	-0.47	0.12	0.09	-1.04	0.25	0.10	-1.06	0.34
PGDJC6	0.03	0.17	1.28	0.08	-1.42	0.41	0.09	-1.49	0.83
RYBHC4	0.04	0.75	0.74	0.11	0.25	0.41	0.12	0.19	0.83
TLGXFP	0.02	-0.56	0.05	0.10	-0.34	0.01	0.11	-0.27	0.05
UDGKQU	0.02	-0.86	0.08	0.10	-0.22	0.21	0.10	-0.69	0.34
YUTTTR	0.03	0.00	0.00	0.11	0.18	0.00	0.11	0.05	0.08

K (SubTestCode 306) in the Cations Property Groups

Data units: mmolc/L

	SRW2304	SRW2305	SRW2306
Grand Median	0.028	0.11	0.11
Median Abs Dev	0.006	0.01	0.01
Avg Within Lab SD	0.008	0.01	0.01
Labs Included	17	18	18
Labs Reporting	17	18	18



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NH4-N (SubTestCode 307) in the Cations Property Groups

Data units: mmolc/L

WebCode	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7JARBY	0.020	1.82	0.00	0.020	1.22	0.00	0.020	-1.86	0.00
7UPEMK	0.002	-0.29	0.04	0.001	-0.12	0.42	0.052	0.22	0.04
BV9RED	0.003	-0.10	0.00	0.030	1.94	0.00	0.069	1.35	0.00
DDYJV9	0.005	0.10	2.24	0.002	0.00	2.20	0.049	0.00	2.60
JHDB3J							0.050	0.09	0.00
LCEV78				0.280	19.15X				
RYBHC4							0.044	-0.32	0.46
TLGXFP	0.001	-0.37	0.00	0.001	-0.09	0.00	0.035	-0.88	0.10
UDGKQU	0.016	1.38					0.737	44.89X	8.81

NH4-N (SubTestCode 307) in the Cations Property Groups

Data units: mmolc/L

	SRW2304	SRW2305	SRW2306
Grand Median	0.004	0.002	0.049
Median Abs Dev	0.003	0.002	0.005
Avg Within Lab SD	0.002	0.001	0.007
Labs Included	6	5	7
Labs Reporting	6	6	8



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Sum Cations (SubTestCode 308) in the Cations Property Groups										Data units: mmolc/L
WebCode	SRW2304			SRW2305			SRW2306			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7JARBY	1.14	0.89	0.95	6.53	0.34	1.23	10.41	0.27	0.76	
92MQVM	1.04	-0.07	0.47	6.67	0.68	0.71	10.54	0.53	2.44	
DDYJV9	1.10	0.45	1.57	6.33	-0.14	1.86	9.70	-1.21	0.73	
GWY4EK	0.96	-0.78	1.80	6.31	-0.19	0.99	10.33	0.11	0.84	
P8PRPC	0.80	-2.30	0.00	5.63	-1.78	0.73	9.77	-1.06	0.21	
RYBHC4	0.97	-0.74	1.06	6.22	-0.39	0.46	10.13	-0.30	0.21	
TLGXFP	1.06	0.09	0.09	6.44	0.14	0.12	10.23	-0.11	0.04	
UDGKQU	1.06	0.07	0.24	7.12	1.74	0.89	11.14	1.79	0.39	

Sum Cations (SubTestCode 308) in the Cations Property Groups				Data units: mmolc/L
	SRW2304	SRW2305	SRW2306	
Grand Median	1.05	6.39	10.3	
Median Abs Dev	0.06	0.16	0.2	
Avg Within Lab SD	0.04	0.11	0.3	
Labs Included	8	8	8	
Labs Reporting	8	8	8	



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SAR (SubTestCode 309) in the Cations Property Groups

Data units:

WebCode	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7JARBY	0.75	-0.14	0.41	0.71	0.00	0.32	0.26	-0.28	0.28
8NXGPG	0.73	-0.28	1.17	0.77	1.01	0.97	0.29	0.89	0.43
92MQVM	0.81	0.34	0.34	0.74	0.49	0.64	0.29	0.83	0.48
E46ZAR	0.63	-1.02	2.27	0.67	-0.71	1.86	0.27	-0.14	2.78
GWY4EK	0.94	1.34	1.23	0.80	1.42	0.74	0.30	1.24	0.48
LCEV78	0.84	0.55	0.11	0.72	0.22	0.37	0.27	0.00	0.00
P8PRPC	1.07	2.35	0.39	0.59	-1.99	1.78	0.22	-2.08	0.69
RYBHC4	0.76	-0.04	0.71	0.70	-0.22	0.49	0.26	-0.55	0.28
TLGXFP	0.77	0.00	0.01	0.71	-0.01	0.02	0.27	0.07	0.12

SAR (SubTestCode 309) in the Cations Property Groups

Data units:

	SRW2304	SRW2305	SRW2306
Grand Median	0.77	0.71	0.27
Median Abs Dev	0.04	0.03	0.01
Avg Within Lab SD	0.05	0.03	0.02
Labs Included	9	9	9
Labs Reporting	9	9	9



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Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
WebCode	SRW2304			SRW2305			SRW2306			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
92MQVM	0.42		0.88	1.71		1.60	0.71		0.67	
E46ZAR	0.40		0.00	0.10		0.00	0.27		1.54	
RYBHC4	0.40		1.49	1.54		0.66	0.61		0.41	

Adj-SAR (SubTestCode 310) in the Cations Property Groups										Data units:
	SRW2304			SRW2305			SRW2306			
	Grand Median	Median Abs Dev	Avg Within Lab SD	Labs Included	Labs Reporting	Grand Median	Median Abs Dev	Avg Within Lab SD	Labs Included	
	0.40			3	3	1.54			3	3
	0.02			3	3	0.03			3	3



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

WebCode	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7JARBY	0.67	0.35	0.89	5.60	-0.13	1.07	4.93	-0.16	0.63
8NXGPG	0.47	-1.22	0.57	3.72	-4.86X	2.73	3.02	-5.37X	3.28
92MQVM	0.62	-0.06	0.25	5.78	0.32	1.14	5.21	0.60	2.40
BV9RED	0.69	0.52	0.00	5.44	-0.53	0.00	5.05	0.15	0.00
DDYJV9	0.55	-0.57	0.15	5.56	-0.24	0.30	4.79	-0.56	0.65
E46ZAR	0.60	-0.18	0.00	5.73	0.21	2.47	5.20	0.56	2.19
GWY4EK	0.60	-0.16	0.18	5.43	-0.55	0.39	4.69	-0.82	0.77
HKNTNA	0.77	1.14	0.10	5.27	-0.95	0.25	4.55	-1.20	0.26
LCEV78	0.53	-0.72	0.49	6.49	2.11	1.08	5.58	1.59	0.46
P8PRPC	0.42	-1.60	0.26	4.86	-2.00	1.18	4.29	-1.91	0.33
PGDJC6	0.81	1.47	3.52	5.79	0.34	0.12	4.99	0.00	0.33
RYBHC4	0.78	1.28	0.23	6.11	1.17	0.43	5.31	0.86	0.29
TLGXFP	0.63	0.06	0.00	5.65	0.00	0.00	4.90	-0.25	0.00
UDGKQU	0.64	0.11	0.09	5.74	0.23	1.19	5.03	0.10	0.67

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

	SRW2304	SRW2305	SRW2306
Grand Median	0.62	5.65	4.99
Median Abs Dev	0.07	0.14	0.21
Avg Within Lab SD	0.07	0.09	0.09
Labs Included	14	13	13
Labs Reporting	14	14	14



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CO3 (SubTestCode 312) in the Anions Property Groups

Data units: mmolc/L

		SRW2304			SRW2305			SRW2306		
WebCode		Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
8NXGPG					0.94		1.00	0.95		1.00

CO3 (SubTestCode 312) in the Anions Property Groups

Data units: mmolc/L

		SRW2304			SRW2305			SRW2306		
Grand Median					0.94			0.95		
Median Abs Dev										
Avg Within Lab SD		0.00			0.01			0.01		
Labs Included		0			1			1		
Labs Reporting		0			1			1		



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CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4RCUPL	0.063	-3.68X	0.43				0.037	-4.79X	1.49
7JARBY	0.303	0.04	0.43	0.090	0.24	0.00	0.303	0.60	0.37
7UPEMK	0.301	0.01	0.44	0.083	-0.02	0.69	0.264	-0.19	0.21
8NXGPG	0.255	-0.70	1.25	0.053	-1.10	0.74	0.255	-0.37	1.08
92MQVM	0.300	-0.01	0.00	0.080	-0.12	0.00	0.300	0.53	0.00
BV9RED	0.395	1.47	0.00	0.113	1.07	0.00	0.339	1.31	0.00
DDYJV9	0.241	-0.92	2.02	0.075	-0.29	1.72	0.214	-1.21	1.66
E46ZAR	0.357	0.87	0.86	0.093	0.36	1.23	0.253	-0.41	0.75
GWY4EK	0.293	-0.11	1.73	0.083	0.00	1.23	0.257	-0.35	0.37
HKNTNA	10.423	157.33X	1.34	3.599	127.98X	1.17	8.906	174.29X	2.23
JHDB3J	0.327	0.41	0.43				0.307	0.66	0.37
LCEV78	0.290	-0.16	0.00						
MTE6MJ	0.233	-1.04	1.14	0.110	0.97	2.13	0.220	-1.09	0.65
P8PRPC	0.306	0.09	1.58	0.071	-0.43	0.70	0.283	0.19	2.89
RD8A3R	0.289	-0.17	0.04	0.055	-1.03	0.98	0.244	-0.59	0.37
RYBHC4	0.140	-2.49	1.50						
TLGXFP	0.374	1.15	0.00	0.148	2.35	0.00	0.335	1.24	0.00
UDGKQU	0.374	1.15	0.12	0.104	0.76	0.07	0.308	0.70	0.38

CI (SubTestCode 313) in the Anions Property Groups

Data units: mmolc/L

	SRW2304	SRW2305	SRW2306
Grand Median	0.30	0.083	0.27
Median Abs Dev	0.04	0.012	0.03
Avg Within Lab SD	0.01	0.005	0.02
Labs Included	16	13	14
Labs Reporting	18	14	16



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NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

WebCode	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4RCUPL	0.072	3.48	0.28	0.068	0.58	1.07	0.006	-0.12	0.70
7JARBY	0.013	-0.98	0.81	0.040	-2.11	0.00	0.013	0.17	0.71
7UPEMK	0.027	0.05	0.03	0.063	0.11	0.02	0.005	-0.17	0.04
92MQVM	0.023	-0.22	0.81	0.059	-0.30	0.24	0.010	0.03	0.00
BV9RED	0.018	-0.63	0.00	0.054	-0.82	0.00	0.069	2.49	0.00
DDYJV9	0.026	-0.04	0.41	0.054	-0.82	0.54	0.009	-0.03	0.24
E46ZAR	0.037	0.80	0.81	0.087	2.33	0.79	0.063	2.24	0.71
GWY4EK	0.053	2.06	3.54	0.087	2.33	3.44	0.050	1.69	3.23
HKNTNA	0.039	0.97	0.01	0.066	0.38	0.03	0.022	0.51	0.01
JHDB3J				0.060	-0.21	1.37			
MTE6MJ	0.032	0.44	0.24	0.061	-0.08	0.32	0.006	-0.15	0.07
P8PRPC	0.026	-0.03	0.04	0.065	0.26	0.12	0.003	-0.27	0.03
PGDJC6	0.117	6.88X	0.81	0.223	15.35X	2.09	0.140	5.42X	1.22
RYBHC4	0.028	0.14	0.28	0.065	0.30	0.21			
TLGXFP	0.026	0.00	0.02	0.063	0.04	0.01	0.004	-0.24	0.01
UDGKQU	0.023	-0.26	0.36	0.061	-0.08	0.20			
YUTTR	0.026	-0.02	0.04	0.062	-0.04	0.04			

NO3 (SubTestCode 314) in the Anions Property Groups

Data units: mmolc/L

	SRW2304	SRW2305	SRW2306
Grand Median	0.026	0.062	0.009
Median Abs Dev	0.003	0.003	0.005
Avg Within Lab SD	0.007	0.007	0.008
Labs Included	15	16	12
Labs Reporting	16	17	13



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

WebCode	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7JARBY	0.11	0.13	0.00	0.65	0.86	0.82	5.23	0.59	0.78
7UPEMK	0.11	-0.37	0.12	0.63	0.40	0.10	5.13	0.32	0.31
92MQVM	0.10	-1.26	0.00	0.60	-0.25	0.00	4.83	-0.55	0.34
BV9RED	0.04	-9.39X	0.00	0.21	-9.53X	0.00	1.57	-9.95X	0.00
DDYJV9	0.11	-0.08	2.02	0.59	-0.45	2.20	4.81	-0.60	3.26
E46ZAR	0.11	0.59	2.58	0.60	-0.33	1.48	4.60	-1.22	0.31
GWY4EK	0.11	-0.33	0.72	0.62	0.30	1.78	5.02	0.00	0.91
HKNTNA	0.11	0.26	0.46	0.70	2.09	0.43	5.63	1.75	0.39
JHDB3J	0.11	0.13	0.00	0.58	-0.80	0.41	4.66	-1.05	0.06
LCEV78				1.23	14.59X	2.95	10.18	14.87X	0.35
MTE6MJ	0.12	1.06	0.72	0.61	-0.09	0.82	5.50	1.38	0.03
P8PRPC	0.11	0.08	0.07	0.65	1.00	0.22	5.19	0.47	0.52
RYBHC4	0.03	-11.01X	1.24	0.53	-1.83	0.82	4.98	-0.13	0.43
TLGXFP	0.10	-1.21	0.04	0.61	0.00	0.02	4.93	-0.27	0.05
UDGKQU	0.09	-2.57	0.12	0.63	0.37	0.62	5.17	0.43	0.18

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

	SRW2304	SRW2305	SRW2306
Grand Median	0.11	0.61	5.02
Median Abs Dev	0.00	0.02	0.19
Avg Within Lab SD	0.01	0.01	0.17
Labs Included	12	13	13
Labs Reporting	14	15	15



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Sum Anions (SubTestCode 316) in the Anions Property Groups										Data units: mmolc/L
WebCode	SRW2304			SRW2305			SRW2306			
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	
7JARBY	1.09	0.49	1.45	6.38	-0.51	1.45	10.48	0.72	0.77	
92MQVM	1.00	-0.27	1.96	6.52	0.24	1.42	10.38	0.45	1.13	
DDYJV9	0.93	-0.86	0.63	6.28	-1.04	0.20	9.82	-1.16	2.30	
GWY4EK	1.07	0.27	1.11	6.22	-1.33	0.53	10.05	-0.50	0.71	
P8PRPC	0.85	-1.52	0.47	5.64	-4.45X	1.38	9.73	-1.41	0.26	
RYBHC4	0.98	-0.43	0.41	6.71	1.29	0.69	10.29	0.17	0.37	
TLGXFP	1.13	0.80	0.01	6.47	0.00	0.00	10.17	-0.17	0.03	
UDGKQU	1.12	0.74	0.15	6.53	0.32	1.45	10.51	0.81	0.35	

Sum Anions (SubTestCode 316) in the Anions Property Groups				Data units: mmolc/L
	SRW2304	SRW2305	SRW2306	
Grand Median	1.03	6.47	10.2	
Median Abs Dev	0.08	0.09	0.2	
Avg Within Lab SD	0.04	0.08	0.2	
Labs Included	8	7	8	
Labs Reporting	8	8	8	



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

WebCode	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
92MQVM	0.045	0.78	1.53	0.158	0.41	0.58	0.647	1.53	1.35
DDYJV9	0.169	2.06	1.74	0.051	0.09	1.79	-0.127	-0.47	1.98
P8PRPC	-0.047	-0.18	0.48	-0.005	-0.09	0.31	0.050	-0.01	0.00
RYBHC4	-0.013	0.18	0.64	-0.492	-1.58	0.33	-0.153	-0.54	0.12
TLGXFP	-0.073	-0.45	0.08	-0.028	-0.15	0.12	0.058	0.01	0.02
UDGKQU	-0.069	-0.41	0.09	0.588	1.73	1.49	0.628	1.49	0.51

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

	SRW2304	SRW2305	SRW2306
Grand Median	-0.030	0.023	0.054
Median Abs Dev	0.041	0.093	0.194
Avg Within Lab SD	0.043	0.114	0.370
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	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
4RCUPL	0.139	9.33X	4.50	0.164	7.09X	2.99	0.204	1.59	3.06
7UPEMK	0.023	0.68	1.74	0.043	0.53	1.47	0.163	0.06	0.75
92MQVM				0.047	0.71	1.47	0.170	0.31	0.00
BV9RED	0.015	0.06	0.00	0.020	-0.74	0.00	0.120	-1.57	0.00
DDYJV9	0.022	0.60	0.29	0.044	0.57	0.59	0.179	0.65	0.68
E46ZAR	0.043	2.18	1.74	0.053	1.07	1.47	0.177	0.57	0.75
LCEV78							0.130	-1.20	0.00
MTE6MJ	0.012	-0.14	0.63	0.025	-0.49	1.03	0.162	0.00	0.20
P8PRPC	0.013	-0.06	0.46	0.034	0.00	0.39	0.160	-0.06	1.29
PGDJC6	0.003	-0.81	1.10	0.010	-1.29	0.89	0.117	-1.70	0.49
RYBHC4				0.053	1.07	1.47	0.170	0.31	0.00
TLGXFP	0.003	-0.86	0.17	0.024	-0.53	0.00	0.152	-0.38	0.15
UDGKQU				0.026	-0.43	0.20	0.152	-0.35	0.30

Boron (SubTestCode 318) in the Other Property Groups

Data units: mg/L

	SRW2304	SRW2305	SRW2306
Grand Median	0.014	0.034	0.16
Median Abs Dev	0.009	0.010	0.01
Avg Within Lab SD	0.003	0.004	0.01
Labs Included	8	11	13
Labs Reporting	9	12	13



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

Data units: mg/L

	SRW2304			SRW2305			SRW2306		
WebCode	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
DDYJV9	0.022		1.00	0.064		1.00	0.660		1.00

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

Data units: mg/L

	SRW2304	SRW2305	SRW2306
Grand Median	0.022	0.064	0.66
Median Abs Dev			
Avg Within Lab SD	0.001	0.002	0.00
Labs Included	1	1	1
Labs Reporting	1	1	1



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

Data units: mg/L

WebCode	SRW2304			SRW2305			SRW2306		
	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score	Sample Mean	Z Score	k Score
7UPEMK	0.020	0.00	0.00	0.070	-0.08	0.00	0.720	0.62	0.52
92MQVM				0.131	1.57	2.34	0.674	0.05	1.34
DDYJV9	0.032	0.78	1.84	0.076	0.08	0.69	0.703	0.41	1.94
JHDB3J	0.040	1.34	0.00	0.080	0.19	0.00	0.667	-0.05	0.30
PGDJC6	0.005	-1.01	0.46	0.005	-1.85	0.11	0.008	-8.27X	0.29
TLGXFP	0.016	-0.25	1.19	0.063	-0.27	0.20	0.662	-0.10	0.27
UDGKQU							0.444	-2.83	0.14

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

Data units: mg/L

	SRW2304	SRW2305	SRW2306
Grand Median	0.020	0.073	0.67
Median Abs Dev	0.012	0.009	0.02
Avg Within Lab SD	0.002	0.010	0.02
Labs Included	5	6	6
Labs Reporting	5	6	7

