

Minerals Scheme

Milk Replacer

Test Material Code # 201952

Labs Reporting: 27

Analytes Reported 16

Issue Date : 07/31/2019

Analyte Proficiency Testing Report

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Horwitz SD	R-bar	# Tests			
015	Aluminum (mg / kg (ppm))	0278	179.9	2.500	245.2	17.14	10.37	15	-3.81	015.43	0
015	Aluminum (mg / kg (ppm))	0047	203.4	3.240	245.2	17.14	10.37	15	-2.44	015.52	0
015	Aluminum (mg / kg (ppm))	0208	206.0	18.00	245.2	17.14	10.37	15	-2.29	015.41	0
015	Aluminum (mg / kg (ppm))	2033	216.1	22.44	245.2	17.14	10.37	15	-1.70	015.43	0
015	Aluminum (mg / kg (ppm))	0407	235.0	16.12	245.2	17.14	10.37	15	-0.60	015.41	0
015	Aluminum (mg / kg (ppm))	2207	238.0	16.00	245.2	17.14	10.37	15	-0.42	015.42	0
015	Aluminum (mg / kg (ppm))	0510	242.0	4.000	245.2	17.14	10.37	15	-0.19	015.43	0
015	Aluminum (mg / kg (ppm))	0964	243.3	22.76	245.2	17.14	10.37	15	-0.11	015.43	0
015	Aluminum (mg / kg (ppm))	0098	249.3	16.60	245.2	17.14	10.37	15	0.24	015.43	0
015	Aluminum (mg / kg (ppm))	0553	255.5	3.000	245.2	17.14	10.37	15	0.60	015.53	0
015	Aluminum (mg / kg (ppm))	0918	257.6	5.858	245.2	17.14	10.37	15	0.72	015.53	0
015	Aluminum (mg / kg (ppm))	0227	269.0	2.000	245.2	17.14	10.37	15	1.39	015.41	0
015	Aluminum (mg / kg (ppm))	0042	278.5	19.00	245.2	17.14	10.37	15	1.94	015.42	0
015	Aluminum (mg / kg (ppm))	0870	294.2	0.0000	245.2	17.14	10.37	15	2.86	015.43	0
015	Aluminum (mg / kg (ppm))	2260	330.0	4.000	245.2	17.14	10.37	15	4.95	015.33	0
017	Boron (mg / kg (ppm))	2033	40.57	1.490	51.43	4.547	1.385	10	-2.39	017.43	0
017	Boron (mg / kg (ppm))	0047	46.83	1.730	51.43	4.547	1.385	10	-1.01	017.52	0
017	Boron (mg / kg (ppm))	0098	49.57	1.100	51.43	4.547	1.385	10	-0.41	017.43	0
017	Boron (mg / kg (ppm))	0918	49.69	0.6600	51.43	4.547	1.385	10	-0.38	017.43	0
017	Boron (mg / kg (ppm))	0553	49.80	2.200	51.43	4.547	1.385	10	-0.36	017.53	0
017	Boron (mg / kg (ppm))	2207	50.00	0.0000	51.43	4.547	1.385	10	-0.32	017.42	0
017	Boron (mg / kg (ppm))	0510	50.00	0.0000	51.43	4.547	1.385	10	-0.32	017.43	0
017	Boron (mg / kg (ppm))	0407	51.57	2.966	51.43	4.547	1.385	10	0.03	017.41	0
017	Boron (mg / kg (ppm))	0870	64.34	0.0000	51.43	4.547	1.385	10	2.84	017.43	0
017	Boron (mg / kg (ppm))	2260	87.05	3.700	51.43	4.547	1.385	10	7.83	017.99	0
021	Cobalt (mg / kg (ppm))	0407	18.79	1.825	21.45	2.163	1.715	17	-1.23	021.41	0
021	Cobalt (mg / kg (ppm))	2033	19.60	0.8100	21.45	2.163	1.715	17	-0.86	021.43	0
021	Cobalt (mg / kg (ppm))	0227	20.00	0.0000	21.45	2.163	1.715	17	-0.67	021.31	0
021	Cobalt (mg / kg (ppm))	2260	20.10	2.600	21.45	2.163	1.715	17	-0.63	021.33	0
021	Cobalt (mg / kg (ppm))	0278	20.19	0.8900	21.45	2.163	1.715	17	-0.59	021.43	0
021	Cobalt (mg / kg (ppm))	0510	20.33	0.4400	21.45	2.163	1.715	17	-0.52	021.43	0
021	Cobalt (mg / kg (ppm))	0208	20.50	2.000	21.45	2.163	1.715	17	-0.44	021.31	0
021	Cobalt (mg / kg (ppm))	2141	21.16	0.7666	21.45	2.163	1.715	17	-0.14	021.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Horwitz SD	R-bar	# Tests			
021	Cobalt (mg / kg (ppm))	0042	21.45	0.1000	21.45	2.163	1.715	17	0.00	021.42	0
021	Cobalt (mg / kg (ppm))	0918	21.83	2.764	21.45	2.163	1.715	17	0.17	021.53	0
021	Cobalt (mg / kg (ppm))	0870	21.99	0.0000	21.45	2.163	1.715	17	0.25	021.43	0
021	Cobalt (mg / kg (ppm))	2113	22.00	6.000	21.45	2.163	1.715	17	0.25	021.52	0
021	Cobalt (mg / kg (ppm))	0098	22.98	0.2600	21.45	2.163	1.715	17	0.71	021.43	0
021	Cobalt (mg / kg (ppm))	2207	23.00	4.000	21.45	2.163	1.715	17	0.72	021.42	0
021	Cobalt (mg / kg (ppm))	0047	23.16	3.070	21.45	2.163	1.715	17	0.79	021.52	0
021	Cobalt (mg / kg (ppm))	0964	23.57	1.228	21.45	2.163	1.715	17	0.98	021.43	0
021	Cobalt (mg / kg (ppm))	0553	24.00	2.400	21.45	2.163	1.715	17	1.18	021.53	0
022	Copper (mg / kg (ppm))	0017	6.095	4.087	11.66	1.289	1.511	23	-4.32	022.43	0
022	Copper (mg / kg (ppm))	2114	9.397	0.1170	11.66	1.289	1.511	23	-1.76	022.99	0
022	Copper (mg / kg (ppm))	0042	10.57	2.860	11.66	1.289	1.511	23	-0.85	022.42	0
022	Copper (mg / kg (ppm))	0098	10.73	3.024	11.66	1.289	1.511	23	-0.72	022.53	0
022	Copper (mg / kg (ppm))	0043	10.80	0.6000	11.66	1.289	1.511	23	-0.67	022.43	0
022	Copper (mg / kg (ppm))	0407	10.91	1.496	11.66	1.289	1.511	23	-0.58	022.41	0
022	Copper (mg / kg (ppm))	2033	10.99	0.7300	11.66	1.289	1.511	23	-0.52	022.43	0
022	Copper (mg / kg (ppm))	2207	11.00	0.0000	11.66	1.289	1.511	23	-0.51	022.42	0
022	Copper (mg / kg (ppm))	0918	11.20	1.770	11.66	1.289	1.511	23	-0.36	022.53	0
022	Copper (mg / kg (ppm))	0047	11.47	2.120	11.66	1.289	1.511	23	-0.15	022.52	0
022	Copper (mg / kg (ppm))	0010	11.50	1.000	11.66	1.289	1.511	23	-0.12	022.33	0
022	Copper (mg / kg (ppm))	0202	11.53	0.0620	11.66	1.289	1.511	23	-0.11	022.43	0
022	Copper (mg / kg (ppm))	0529	11.70	0.4000	11.66	1.289	1.511	23	0.03	022.31	0
022	Copper (mg / kg (ppm))	0208	11.88	1.100	11.66	1.289	1.511	23	0.17	022.41	0
022	Copper (mg / kg (ppm))	2260	12.00	0.8000	11.66	1.289	1.511	23	0.26	022.34	0
022	Copper (mg / kg (ppm))	0227	12.00	0.0000	11.66	1.289	1.511	23	0.26	022.41	0
022	Copper (mg / kg (ppm))	0510	12.00	0.0000	11.66	1.289	1.511	23	0.26	022.43	0
022	Copper (mg / kg (ppm))	2113	12.50	5.000	11.66	1.289	1.511	23	0.65	022.52	0
022	Copper (mg / kg (ppm))	0208	12.60	1.000	11.66	1.289	1.511	23	0.73	022.31	0
022	Copper (mg / kg (ppm))	0553	12.80	4.600	11.66	1.289	1.511	23	0.88	022.53	0
022	Copper (mg / kg (ppm))	0511	14.00	0.0000	11.66	1.289	1.511	23	1.81	022.41	0
022	Copper (mg / kg (ppm))	2141	14.23	1.011	11.66	1.289	1.511	23	1.99	022.43	0
022	Copper (mg / kg (ppm))	0026	15.45	2.970	11.66	1.289	1.511	23	2.94	022.42	0
023	Fluorine (mg / kg (ppm))	0227	< 0.15					0		023.01	5
023	Fluorine (mg / kg (ppm))	2260	< 1					0		023.99	5
024	Iodine (mg / kg (ppm))	2260	362.0	36.00				2		024.03	0
024	Iodine (mg / kg (ppm))	0208	385.5	13.00				2		024.99	0
034	Selenium (mg / kg (ppm))	2141	0.4586	0.0659	2.646	0.3657	0.1934	14	-5.98	034.43	0
034	Selenium (mg / kg (ppm))	0047	1.895	0.2500	2.646	0.3657	0.1934	14	-2.05	034.52	0
034	Selenium (mg / kg (ppm))	2260	2.130	0.5600	2.646	0.3657	0.1934	14	-1.41	034.33	0
034	Selenium (mg / kg (ppm))	0964	2.409	0.0399	2.646	0.3657	0.1934	14	-0.65	034.43	0
034	Selenium (mg / kg (ppm))	2207	2.450	0.3000	2.646	0.3657	0.1934	14	-0.54	034.52	0
034	Selenium (mg / kg (ppm))	0278	2.593	0.0430	2.646	0.3657	0.1934	14	-0.15	034.43	0

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			Value	Range	Rob Mean	Horwitz SD	R-bar	# Tests			
034	Selenium (mg / kg (ppm))	0098	2.642	0.0910	2.646	0.3657	0.1934	14	-0.01	034.53	0
034	Selenium (mg / kg (ppm))	0227	2.655	0.0500	2.646	0.3657	0.1934	14	0.02	034.04	0
034	Selenium (mg / kg (ppm))	0553	2.750	0.1400	2.646	0.3657	0.1934	14	0.28	034.53	0
034	Selenium (mg / kg (ppm))	0918	2.834	0.3476	2.646	0.3657	0.1934	14	0.51	034.53	0
034	Selenium (mg / kg (ppm))	0010	3.000	0.0000	2.646	0.3657	0.1934	14	0.97	034.53	0
034	Selenium (mg / kg (ppm))	0208	3.200	0.2200	2.646	0.3657	0.1934	14	1.51	034.52	0
034	Selenium (mg / kg (ppm))	2033	3.200	0.6000	2.646	0.3657	0.1934	14	1.51	034.53	0
034	Selenium (mg / kg (ppm))	0407	3.590	0.0000	2.646	0.3657	0.1934	14	2.58	034.41	0
036	Sulfur (%)	2260	0.2700	0.0380	0.3851	0.0178	0.0148	15	-6.47	036.02	0
036	Sulfur (%)	2141	0.3139	0.0036	0.3851	0.0178	0.0148	15	-4.01	036.43	0
036	Sulfur (%)	2033	0.3213	0.0159	0.3851	0.0178	0.0148	15	-3.59	036.43	0
036	Sulfur (%)	0870	0.3688	0.0054	0.3851	0.0178	0.0148	15	-0.92	036.42	0
036	Sulfur (%)	2207	0.3800	0.0200	0.3851	0.0178	0.0148	15	-0.29	036.42	0
036	Sulfur (%)	0918	0.3865	0.0010	0.3851	0.0178	0.0148	15	0.08	036.43	0
036	Sulfur (%)	0964	0.3897	0.0129	0.3851	0.0178	0.0148	15	0.25	036.43	0
036	Sulfur (%)	0227	0.3900	0.0000	0.3851	0.0178	0.0148	15	0.27	036.42	0
036	Sulfur (%)	0407	0.3998	0.0012	0.3851	0.0178	0.0148	15	0.83	036.43	0
036	Sulfur (%)	0208	0.4005	0.0030	0.3851	0.0178	0.0148	15	0.86	036.00	0
036	Sulfur (%)	0098	0.4025	0.0230	0.3851	0.0178	0.0148	15	0.98	036.43	0
036	Sulfur (%)	0202	0.4095	0.0030	0.3851	0.0178	0.0148	15	1.37	036.43	0
036	Sulfur (%)	0510	0.4150	0.0300	0.3851	0.0178	0.0148	15	1.68	036.43	0
036	Sulfur (%)	0026	0.4332	0.0166	0.3851	0.0178	0.0148	15	2.70	036.04	0
036	Sulfur (%)	0553	0.4395	0.0490	0.3851	0.0178	0.0148	15	3.06	036.53	0
038	Molybdenum (mg / kg (ppm))	2033	90.20	4.970	117.5	9.175	6.367	16	-2.98	038.43	0
038	Molybdenum (mg / kg (ppm))	0042	98.70	0.2000	117.5	9.175	6.367	16	-2.05	038.42	0
038	Molybdenum (mg / kg (ppm))	2207	105.5	9.000	117.5	9.175	6.367	16	-1.31	038.42	0
038	Molybdenum (mg / kg (ppm))	0208	106.0	4.000	117.5	9.175	6.367	16	-1.26	038.41	0
038	Molybdenum (mg / kg (ppm))	0510	112.7	1.200	117.5	9.175	6.367	16	-0.53	038.43	0
038	Molybdenum (mg / kg (ppm))	0227	114.0	0.0000	117.5	9.175	6.367	16	-0.38	038.53	0
038	Molybdenum (mg / kg (ppm))	0407	115.0	1.047	117.5	9.175	6.367	16	-0.28	038.41	0
038	Molybdenum (mg / kg (ppm))	0010	119.4	26.30	117.5	9.175	6.367	16	0.20	038.53	0
038	Molybdenum (mg / kg (ppm))	2113	120.0	0.0000	117.5	9.175	6.367	16	0.27	038.52	0
038	Molybdenum (mg / kg (ppm))	0964	121.2	1.349	117.5	9.175	6.367	16	0.40	038.43	0
038	Molybdenum (mg / kg (ppm))	2141	121.2	26.03	117.5	9.175	6.367	16	0.40	038.43	0
038	Molybdenum (mg / kg (ppm))	0047	123.6	0.0600	117.5	9.175	6.367	16	0.67	038.52	0
038	Molybdenum (mg / kg (ppm))	0553	127.0	18.00	117.5	9.175	6.367	16	1.03	038.53	0
038	Molybdenum (mg / kg (ppm))	0098	128.4	1.600	117.5	9.175	6.367	16	1.19	038.53	0
038	Molybdenum (mg / kg (ppm))	0918	132.6	3.112	117.5	9.175	6.367	16	1.65	038.53	0
038	Molybdenum (mg / kg (ppm))	2260	152.5	5.000	117.5	9.175	6.367	16	3.81	038.33	0
041	Vanadium (mg / kg (ppm))	2033	0.2600	0.0200				3		041.43	0
041	Vanadium (mg / kg (ppm))	2260	1.850	0.4200				3		041.33	0
041	Vanadium (mg / kg (ppm))	0047	82.17	9.790				3		041.52	0

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041	Vanadium (mg / kg (ppm))	2207	< 0.1					3		041.52	5
041	Vanadium (mg / kg (ppm))	0098	< 0.248					3		041.43	5
516	Arsenic, Total (mg / kg (ppm))	0425	0.8200	0.0600	2.379	0.3340	0.2307	20	-4.67	516.34	0
516	Arsenic, Total (mg / kg (ppm))	0160	1.800	0.1400	2.379	0.3340	0.2307	20	-1.73	516.53	0
516	Arsenic, Total (mg / kg (ppm))	2114	1.864	0.1110	2.379	0.3340	0.2307	20	-1.54	516.43	0
516	Arsenic, Total (mg / kg (ppm))	0964	1.970	0.0798	2.379	0.3340	0.2307	20	-1.22	516.43	0
516	Arsenic, Total (mg / kg (ppm))	0870	2.214	0.0000	2.379	0.3340	0.2307	20	-0.49	516.43	0
516	Arsenic, Total (mg / kg (ppm))	0407	2.241	0.0670	2.379	0.3340	0.2307	20	-0.41	516.43	0
516	Arsenic, Total (mg / kg (ppm))	0553	2.245	0.1300	2.379	0.3340	0.2307	20	-0.40	516.53	0
516	Arsenic, Total (mg / kg (ppm))	0918	2.295	0.1592	2.379	0.3340	0.2307	20	-0.25	516.53	0
516	Arsenic, Total (mg / kg (ppm))	0098	2.315	0.4380	2.379	0.3340	0.2307	20	-0.19	516.53	0
516	Arsenic, Total (mg / kg (ppm))	2033	2.350	0.1000	2.379	0.3340	0.2307	20	-0.09	516.53	0
516	Arsenic, Total (mg / kg (ppm))	0010	2.350	0.3000	2.379	0.3340	0.2307	20	-0.09	516.53	0
516	Arsenic, Total (mg / kg (ppm))	0047	2.370	0.4400	2.379	0.3340	0.2307	20	-0.03	516.52	0
516	Arsenic, Total (mg / kg (ppm))	2207	2.400	0.8000	2.379	0.3340	0.2307	20	0.06	516.52	0
516	Arsenic, Total (mg / kg (ppm))	0227	2.470	0.0600	2.379	0.3340	0.2307	20	0.27	516.53	0
516	Arsenic, Total (mg / kg (ppm))	0208	2.555	0.4900	2.379	0.3340	0.2307	20	0.53	516.52	0
516	Arsenic, Total (mg / kg (ppm))	2113	2.700	0.4000	2.379	0.3340	0.2307	20	0.96	516.52	0
516	Arsenic, Total (mg / kg (ppm))	2141	2.783	0.0400	2.379	0.3340	0.2307	20	1.21	516.43	0
516	Arsenic, Total (mg / kg (ppm))	0043	2.950	0.2600	2.379	0.3340	0.2307	20	1.71	516.43	0
516	Arsenic, Total (mg / kg (ppm))	0278	2.950	0.0280	2.379	0.3340	0.2307	20	1.71	516.43	0
516	Arsenic, Total (mg / kg (ppm))	2260	3.235	0.5100	2.379	0.3340	0.2307	20	2.56	516.00	0
518	Cadmium (mg / kg (ppm))	2260	0.1715	0.0170	0.3539	0.0662	0.0379	15	-2.76	518.33	0
518	Cadmium (mg / kg (ppm))	0407	0.1801	0.0288	0.3539	0.0662	0.0379	15	-2.63	518.41	0
518	Cadmium (mg / kg (ppm))	0047	0.2550	0.0100	0.3539	0.0662	0.0379	15	-1.49	518.52	0
518	Cadmium (mg / kg (ppm))	2114	0.2625	0.0030	0.3539	0.0662	0.0379	15	-1.38	518.99	0
518	Cadmium (mg / kg (ppm))	0160	0.2985	0.0310	0.3539	0.0662	0.0379	15	-0.84	518.53	0
518	Cadmium (mg / kg (ppm))	0278	0.3026	0.0134	0.3539	0.0662	0.0379	15	-0.77	518.43	0
518	Cadmium (mg / kg (ppm))	2033	0.3300	0.0400	0.3539	0.0662	0.0379	15	-0.36	518.53	0
518	Cadmium (mg / kg (ppm))	0227	0.3375	0.0770	0.3539	0.0662	0.0379	15	-0.25	518.53	0
518	Cadmium (mg / kg (ppm))	0208	0.3445	0.0450	0.3539	0.0662	0.0379	15	-0.14	518.52	0
518	Cadmium (mg / kg (ppm))	2113	0.3500	0.0600	0.3539	0.0662	0.0379	15	-0.06	518.52	0
518	Cadmium (mg / kg (ppm))	2207	0.3500	0.1000	0.3539	0.0662	0.0379	15	-0.06	518.52	0
518	Cadmium (mg / kg (ppm))	0098	0.4655	0.0510	0.3539	0.0662	0.0379	15	1.69	518.53	0
518	Cadmium (mg / kg (ppm))	0425	0.5300	0.0400	0.3539	0.0662	0.0379	15	2.66	518.34	0
518	Cadmium (mg / kg (ppm))	0918	0.5628	0.0260	0.3539	0.0662	0.0379	15	3.16	518.53	0
518	Cadmium (mg / kg (ppm))	0043	1.001	0.0270	0.3539	0.0662	0.0379	15	9.77	518.43	0
518	Cadmium (mg / kg (ppm))	0553	394.5	3.000	0.3539	0.0662	0.0379	15	5954.98	518.53	2
518	Cadmium (mg / kg (ppm))	0010	< 1		0.3539	0.0662	0.0379	15		518.53	5
518	Cadmium (mg / kg (ppm))	2141	< 2		0.3539	0.0662	0.0379	15		518.43	5
520	Chromium (mg / kg (ppm))	0047	0.2300	0.0400	0.4225	0.0769	0.0553	10	-2.50	520.52	0
520	Chromium (mg / kg (ppm))	0553	0.2830	0.0440	0.4225	0.0769	0.0553	10	-1.81	520.53	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Horwitz SD	R-bar	# Tests	Z Score	Method	
520	Chromium (mg / kg (ppm))	2113	0.2900	0.0200	0.4225	0.0769	0.0553	10	-1.72	520.52	0
520	Chromium (mg / kg (ppm))	0227	0.3225	0.0750	0.4225	0.0769	0.0553	10	-1.30	520.31	0
520	Chromium (mg / kg (ppm))	2207	0.3500	0.1000	0.4225	0.0769	0.0553	10	-0.94	520.52	0
520	Chromium (mg / kg (ppm))	2033	0.3800	0.1200	0.4225	0.0769	0.0553	10	-0.55	520.43	0
520	Chromium (mg / kg (ppm))	0407	0.4231	0.0278	0.4225	0.0769	0.0553	10	0.01	520.41	0
520	Chromium (mg / kg (ppm))	0278	0.5640	0.0098	0.4225	0.0769	0.0553	10	1.84	520.43	0
520	Chromium (mg / kg (ppm))	2260	0.6730	0.0520	0.4225	0.0769	0.0553	10	3.26	520.33	0
520	Chromium (mg / kg (ppm))	0918	1.605	0.0645	0.4225	0.0769	0.0553	10	15.36	520.53	0
520	Chromium (mg / kg (ppm))	0098	< 0.497		0.4225	0.0769	0.0553	10		520.43	5
520	Chromium (mg / kg (ppm))	2141	< 2		0.4225	0.0769	0.0553	10		520.43	5
520	Chromium (mg / kg (ppm))	0010	< 4.2		0.4225	0.0769	0.0553	10		520.53	5
526	Lead (mg / kg (ppm))	2260	0.2630	0.0720	4.787	0.6050	0.3338	18	-7.48	526.33	0
526	Lead (mg / kg (ppm))	2114	3.668	0.0150	4.787	0.6050	0.3338	18	-1.85	526.99	0
526	Lead (mg / kg (ppm))	0278	4.142	0.0130	4.787	0.6050	0.3338	18	-1.07	526.43	0
526	Lead (mg / kg (ppm))	2113	4.300	0.6000	4.787	0.6050	0.3338	18	-0.80	526.52	0
526	Lead (mg / kg (ppm))	2207	4.350	0.3000	4.787	0.6050	0.3338	18	-0.72	526.52	0
526	Lead (mg / kg (ppm))	0010	4.400	0.6000	4.787	0.6050	0.3338	18	-0.64	526.53	0
526	Lead (mg / kg (ppm))	0407	4.582	0.2011	4.787	0.6050	0.3338	18	-0.34	526.41	0
526	Lead (mg / kg (ppm))	0160	4.590	0.5600	4.787	0.6050	0.3338	18	-0.33	526.53	0
526	Lead (mg / kg (ppm))	0227	4.735	0.4500	4.787	0.6050	0.3338	18	-0.09	526.53	0
526	Lead (mg / kg (ppm))	2033	4.750	0.9000	4.787	0.6050	0.3338	18	-0.06	526.53	0
526	Lead (mg / kg (ppm))	0098	5.050	0.3800	4.787	0.6050	0.3338	18	0.44	526.53	0
526	Lead (mg / kg (ppm))	2141	5.069	0.0455	4.787	0.6050	0.3338	18	0.47	526.43	0
526	Lead (mg / kg (ppm))	0553	5.085	0.0300	4.787	0.6050	0.3338	18	0.49	526.53	0
526	Lead (mg / kg (ppm))	0918	5.188	0.2168	4.787	0.6050	0.3338	18	0.66	526.53	0
526	Lead (mg / kg (ppm))	0208	5.250	0.6400	4.787	0.6050	0.3338	18	0.77	526.52	0
526	Lead (mg / kg (ppm))	0047	5.535	0.2100	4.787	0.6050	0.3338	18	1.24	526.52	0
526	Lead (mg / kg (ppm))	0964	5.867	0.4049	4.787	0.6050	0.3338	18	1.79	526.43	0
526	Lead (mg / kg (ppm))	0043	9.495	0.3700	4.787	0.6050	0.3338	18	7.78	526.43	0
526	Lead (mg / kg (ppm))	0425	5.920	1.720	4.787	0.6050	0.3338	18	1.87	526.34	1
529	Mercury (µg / kg (ppb))	0042	820.0	210.0	1,061	168.2	77.23	9	-1.43	529.00	0
529	Mercury (µg / kg (ppb))	0160	850.0	0.0000	1,061	168.2	77.23	9	-1.25	529.99	0
529	Mercury (µg / kg (ppb))	0098	990.0	60.00	1,061	168.2	77.23	9	-0.42	529.99	0
529	Mercury (µg / kg (ppb))	0227	1,002	36.00	1,061	168.2	77.23	9	-0.35	529.99	0
529	Mercury (µg / kg (ppb))	0553	1,037	186.0	1,061	168.2	77.23	9	-0.14	529.99	0
529	Mercury (µg / kg (ppb))	2033	1,100	0.0000	1,061	168.2	77.23	9	0.23	529.99	0
529	Mercury (µg / kg (ppb))	0047	1,159	3.000	1,061	168.2	77.23	9	0.58	529.99	0
529	Mercury (µg / kg (ppb))	0208	1,235	150.0	1,061	168.2	77.23	9	1.04	529.99	0
529	Mercury (µg / kg (ppb))	2114	1,621	50.05	1,061	168.2	77.23	9	3.33	529.99	0
529	Mercury (µg / kg (ppb))	0425	0.5650	0.1100	1,061	168.2	77.23	9	-6.30	529.00	3
529	Mercury (µg / kg (ppb))	0918	0.9395	0.1290	1,061	168.2	77.23	9	-6.30	529.99	3
529	Mercury (µg / kg (ppb))	2207	1.000	0.0000	1,061	168.2	77.23	9	-6.30	529.99	3

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Horwitz SD	R-bar	# Tests			
529	Mercury (µg / kg (ppb))	0010	1.067	0.0110	1,061	168.2	77.23	9	-6.30	529.99	3
529	Mercury (µg / kg (ppb))	2260	2.715	0.2700	1,061	168.2	77.23	9	-6.29	529.00	3
529	Mercury (µg / kg (ppb))	0043	< 1.9		1,061	168.2	77.23	9		529.99	5
539	Nickel (mg / kg (ppm))	0278	21.29	0.4600	45.77	4.118	4.610	13	-5.94	539.43	0
539	Nickel (mg / kg (ppm))	0208	36.75	2.500	45.77	4.118	4.610	13	-2.19	539.41	0
539	Nickel (mg / kg (ppm))	0407	40.85	2.049	45.77	4.118	4.610	13	-1.19	539.41	0
539	Nickel (mg / kg (ppm))	2033	41.42	12.35	45.77	4.118	4.610	13	-1.06	539.43	0
539	Nickel (mg / kg (ppm))	0010	43.00	0.0000	45.77	4.118	4.610	13	-0.67	539.53	0
539	Nickel (mg / kg (ppm))	0098	45.50	5.000	45.77	4.118	4.610	13	-0.06	539.53	0
539	Nickel (mg / kg (ppm))	0042	47.65	1.100	45.77	4.118	4.610	13	0.46	539.42	0
539	Nickel (mg / kg (ppm))	2207	47.70	3.000	45.77	4.118	4.610	13	0.47	539.52	0
539	Nickel (mg / kg (ppm))	0870	49.40	0.0000	45.77	4.118	4.610	13	0.88	539.43	0
539	Nickel (mg / kg (ppm))	0918	49.55	7.241	45.77	4.118	4.610	13	0.92	539.53	0
539	Nickel (mg / kg (ppm))	2113	50.00	16.00	45.77	4.118	4.610	13	1.03	539.52	0
539	Nickel (mg / kg (ppm))	2260	51.60	6.400	45.77	4.118	4.610	13	1.42	539.33	0
539	Nickel (mg / kg (ppm))	2141	56.20	3.827	45.77	4.118	4.610	13	2.54	539.43	0

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 5 = A reporting limit and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). Flag 3 indicates not used in statistics.