

Minerals Scheme

Poultry Feed

Test Material Code # 201951

Labs Reporting: 27

Analytes Reported 16

Issue Date : 04/30/2019

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	101.9	0.3400	135.5	10.35	11.24	13	-3.25	015.43	0
015	Aluminum (mg / kg (ppm))	0047	110.3	8.670	135.5	10.35	11.24	13	-2.44	015.52	0
015	Aluminum (mg / kg (ppm))	0186	115.5	1.000	135.5	10.35	11.24	13	-1.93	015.52	0
015	Aluminum (mg / kg (ppm))	0160	124.5	1.000	135.5	10.35	11.24	13	-1.06	015.99	0
015	Aluminum (mg / kg (ppm))	0870	130.4	22.00	135.5	10.35	11.24	13	-0.49	015.43	0
015	Aluminum (mg / kg (ppm))	0208	135.5	17.00	135.5	10.35	11.24	13	0.00	015.41	0
015	Aluminum (mg / kg (ppm))	0098	138.1	1.100	135.5	10.35	11.24	13	0.25	015.43	0
015	Aluminum (mg / kg (ppm))	0918	139.0	3.630	135.5	10.35	11.24	13	0.33	015.53	0
015	Aluminum (mg / kg (ppm))	0227	140.0	6.000	135.5	10.35	11.24	13	0.43	015.41	0
015	Aluminum (mg / kg (ppm))	2033	143.9	14.40	135.5	10.35	11.24	13	0.81	015.43	0
015	Aluminum (mg / kg (ppm))	2207	155.0	20.00	135.5	10.35	11.24	13	1.88	015.52	0
015	Aluminum (mg / kg (ppm))	0042	158.5	37.00	135.5	10.35	11.24	13	2.22	015.42	0
015	Aluminum (mg / kg (ppm))	2260	245.0	14.00	135.5	10.35	11.24	13	10.57	015.33	0
017	Boron (mg / kg (ppm))	0047	56.28	4.390	76.40	6.364	1.829	9	-3.16	017.52	0
017	Boron (mg / kg (ppm))	0160	73.85	0.9000	76.40	6.364	1.829	9	-0.40	017.99	0
017	Boron (mg / kg (ppm))	0098	74.49	2.430	76.40	6.364	1.829	9	-0.30	017.43	0
017	Boron (mg / kg (ppm))	0510	74.50	1.000	76.40	6.364	1.829	9	-0.30	017.43	0
017	Boron (mg / kg (ppm))	0918	74.66	1.280	76.40	6.364	1.829	9	-0.27	017.43	0
017	Boron (mg / kg (ppm))	2207	75.50	1.000	76.40	6.364	1.829	9	-0.14	017.52	0
017	Boron (mg / kg (ppm))	2033	80.40	2.200	76.40	6.364	1.829	9	0.63	017.43	0
017	Boron (mg / kg (ppm))	0870	81.38	1.260	76.40	6.364	1.829	9	0.78	017.43	0
017	Boron (mg / kg (ppm))	2260	102.0	2.000	76.40	6.364	1.829	9	4.02	017.99	0
021	Cobalt (mg / kg (ppm))	2113	0.4000	0.0600	0.6484	0.1107	0.0415	11	-2.24	021.52	0
021	Cobalt (mg / kg (ppm))	0047	0.4450	0.0100	0.6484	0.1107	0.0415	11	-1.84	021.52	0
021	Cobalt (mg / kg (ppm))	2207	0.5500	0.1000	0.6484	0.1107	0.0415	11	-0.89	021.52	0
021	Cobalt (mg / kg (ppm))	0918	0.5765	0.0074	0.6484	0.1107	0.0415	11	-0.65	021.53	0
021	Cobalt (mg / kg (ppm))	0186	0.5805	0.0350	0.6484	0.1107	0.0415	11	-0.61	021.52	0
021	Cobalt (mg / kg (ppm))	0278	0.7025	0.0070	0.6484	0.1107	0.0415	11	0.49	021.43	0
021	Cobalt (mg / kg (ppm))	0033	0.7050	0.0300	0.6484	0.1107	0.0415	11	0.51	021.53	0
021	Cobalt (mg / kg (ppm))	0042	0.7200	0.1940	0.6484	0.1107	0.0415	11	0.65	021.42	0
021	Cobalt (mg / kg (ppm))	0510	0.7700	0.0000	0.6484	0.1107	0.0415	11	1.10	021.43	0
021	Cobalt (mg / kg (ppm))	0098	0.7755	0.0050	0.6484	0.1107	0.0415	11	1.15	021.43	0
021	Cobalt (mg / kg (ppm))	2260	0.9800	0.0080	0.6484	0.1107	0.0415	11	3.00	021.33	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))	2033	0.8100	0.4000	0.6484	0.1107	0.0415	11	1.46	021.43	1
021	Cobalt (mg / kg (ppm))	0227	< 0.75		0.6484	0.1107	0.0415	11		021.31	5
022	Copper (mg / kg (ppm))	0017	18.49	0.4680	21.20	2.142	1.242	22	-1.27	022.43	0
022	Copper (mg / kg (ppm))	0208	19.26	0.7200	21.20	2.142	1.242	22	-0.91	022.41	0
022	Copper (mg / kg (ppm))	0047	19.76	0.4000	21.20	2.142	1.242	22	-0.67	022.52	0
022	Copper (mg / kg (ppm))	0510	20.00	0.0000	21.20	2.142	1.242	22	-0.56	022.43	0
022	Copper (mg / kg (ppm))	0186	20.00	0.0000	21.20	2.142	1.242	22	-0.56	022.52	0
022	Copper (mg / kg (ppm))	2146	20.07	1.240	21.20	2.142	1.242	22	-0.53	022.51	0
022	Copper (mg / kg (ppm))	0160	20.10	0.2000	21.20	2.142	1.242	22	-0.51	022.99	0
022	Copper (mg / kg (ppm))	0918	20.31	0.0600	21.20	2.142	1.242	22	-0.42	022.53	0
022	Copper (mg / kg (ppm))	0202	20.35	1.195	21.20	2.142	1.242	22	-0.40	022.43	0
022	Copper (mg / kg (ppm))	0186	20.50	1.000	21.20	2.142	1.242	22	-0.33	022.42	0
022	Copper (mg / kg (ppm))	0098	20.96	3.760	21.20	2.142	1.242	22	-0.11	022.53	0
022	Copper (mg / kg (ppm))	2113	21.00	2.000	21.20	2.142	1.242	22	-0.09	022.52	0
022	Copper (mg / kg (ppm))	0227	21.50	1.000	21.20	2.142	1.242	22	0.14	022.41	0
022	Copper (mg / kg (ppm))	2207	21.50	1.000	21.20	2.142	1.242	22	0.14	022.52	0
022	Copper (mg / kg (ppm))	2260	21.85	0.5000	21.20	2.142	1.242	22	0.30	022.34	0
022	Copper (mg / kg (ppm))	0010	22.50	1.000	21.20	2.142	1.242	22	0.61	022.33	0
022	Copper (mg / kg (ppm))	0511	22.50	5.000	21.20	2.142	1.242	22	0.61	022.41	0
022	Copper (mg / kg (ppm))	2146	22.72	0.9600	21.20	2.142	1.242	22	0.71	022.32	0
022	Copper (mg / kg (ppm))	0964	22.83	2.186	21.20	2.142	1.242	22	0.76	022.43	0
022	Copper (mg / kg (ppm))	2033	23.00	1.400	21.20	2.142	1.242	22	0.84	022.43	0
022	Copper (mg / kg (ppm))	2114	23.33	1.540	21.20	2.142	1.242	22	0.99	022.99	0
022	Copper (mg / kg (ppm))	0529	24.95	1.700	21.20	2.142	1.242	22	1.75	022.31	0
023	Fluorine (mg / kg (ppm))	2260	46.45	1.300				3		023.99	0
023	Fluorine (mg / kg (ppm))	0227	63.00	0.0000				3		023.01	0
023	Fluorine (mg / kg (ppm))	2033	69.20	1.000				3		023.01	0
023	Fluorine (mg / kg (ppm))	0208	61.60	6.000				3		023.01	1
024	Iodine (mg / kg (ppm))	2033	1.195	0.0500				3		024.53	0
024	Iodine (mg / kg (ppm))	0208	1.410	0.1600				3		024.99	0
024	Iodine (mg / kg (ppm))	0160	1.545	0.1700				3		024.99	0
024	Iodine (mg / kg (ppm))	2260	23.40	0.0000				3		024.03	2
034	Selenium (mg / kg (ppm))	2260	1.965	0.0100	3.863	0.5042	0.2776	14	-3.76	034.33	0
034	Selenium (mg / kg (ppm))	2114	3.120	0.0200	3.863	0.5042	0.2776	14	-1.47	034.43	0
034	Selenium (mg / kg (ppm))	0010	3.500	1.000	3.863	0.5042	0.2776	14	-0.72	034.53	0
034	Selenium (mg / kg (ppm))	0186	3.565	0.1500	3.863	0.5042	0.2776	14	-0.59	034.52	0
034	Selenium (mg / kg (ppm))	0278	3.807	0.1250	3.863	0.5042	0.2776	14	-0.11	034.43	0
034	Selenium (mg / kg (ppm))	0227	3.855	0.0100	3.863	0.5042	0.2776	14	-0.02	034.53	0
034	Selenium (mg / kg (ppm))	2207	3.950	0.3000	3.863	0.5042	0.2776	14	0.17	034.52	0
034	Selenium (mg / kg (ppm))	0964	3.987	0.0248	3.863	0.5042	0.2776	14	0.25	034.43	0
034	Selenium (mg / kg (ppm))	0208	4.000	0.1800	3.863	0.5042	0.2776	14	0.27	034.52	0
034	Selenium (mg / kg (ppm))	0033	4.040	0.2600	3.863	0.5042	0.2776	14	0.35	034.53	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	
034	Selenium (mg / kg (ppm))	2033	4.050	0.8800	3.863	0.5042	0.2776	14	0.37	034.53	0
034	Selenium (mg / kg (ppm))	0047	4.130	0.0800	3.863	0.5042	0.2776	14	0.53	034.52	0
034	Selenium (mg / kg (ppm))	0098	4.196	0.7610	3.863	0.5042	0.2776	14	0.66	034.53	0
034	Selenium (mg / kg (ppm))	0918	4.887	0.0861	3.863	0.5042	0.2776	14	2.03	034.53	0
034	Selenium (mg / kg (ppm))	0160	< 10		3.863	0.5042	0.2776	14		034.99	5
036	Sulfur (%)	2260	0.2580	0.0160	0.3461	0.0162	0.0143	15	-5.42	036.02	0
036	Sulfur (%)	0186	0.3215	0.0090	0.3461	0.0162	0.0143	15	-1.51	036.52	0
036	Sulfur (%)	2207	0.3250	0.0100	0.3461	0.0162	0.0143	15	-1.30	036.42	0
036	Sulfur (%)	0202	0.3360	0.0120	0.3461	0.0162	0.0143	15	-0.62	036.43	0
036	Sulfur (%)	0186	0.3420	0.0200	0.3461	0.0162	0.0143	15	-0.25	036.42	0
036	Sulfur (%)	0160	0.3425	0.0150	0.3461	0.0162	0.0143	15	-0.22	036.99	0
036	Sulfur (%)	0098	0.3435	0.0130	0.3461	0.0162	0.0143	15	-0.16	036.43	0
036	Sulfur (%)	0227	0.3450	0.0100	0.3461	0.0162	0.0143	15	-0.07	036.42	0
036	Sulfur (%)	0010	0.3450	0.0100	0.3461	0.0162	0.0143	15	-0.07	036.43	0
036	Sulfur (%)	0918	0.3545	0.0010	0.3461	0.0162	0.0143	15	0.52	036.43	0
036	Sulfur (%)	0510	0.3550	0.0100	0.3461	0.0162	0.0143	15	0.55	036.43	0
036	Sulfur (%)	2033	0.3550	0.0100	0.3461	0.0162	0.0143	15	0.55	036.43	0
036	Sulfur (%)	0870	0.3589	0.0143	0.3461	0.0162	0.0143	15	0.79	036.42	0
036	Sulfur (%)	0964	0.3761	0.0382	0.3461	0.0162	0.0143	15	1.85	036.43	0
036	Sulfur (%)	0208	0.3920	0.0260	0.3461	0.0162	0.0143	15	2.83	036.00	0
038	Molybdenum (mg / kg (ppm))	2260	32.55	1.300	42.67	3.880	3.397	16	-2.61	038.33	0
038	Molybdenum (mg / kg (ppm))	0208	37.05	8.300	42.67	3.880	3.397	16	-1.45	038.41	0
038	Molybdenum (mg / kg (ppm))	0186	37.50	1.000	42.67	3.880	3.397	16	-1.33	038.52	0
038	Molybdenum (mg / kg (ppm))	0042	38.05	4.500	42.67	3.880	3.397	16	-1.19	038.42	0
038	Molybdenum (mg / kg (ppm))	0010	39.00	0.4000	42.67	3.880	3.397	16	-0.95	038.53	0
038	Molybdenum (mg / kg (ppm))	0033	40.25	2.100	42.67	3.880	3.397	16	-0.62	038.53	0
038	Molybdenum (mg / kg (ppm))	0160	40.80	6.000	42.67	3.880	3.397	16	-0.48	038.99	0
038	Molybdenum (mg / kg (ppm))	0098	42.62	2.600	42.67	3.880	3.397	16	-0.01	038.53	0
038	Molybdenum (mg / kg (ppm))	2113	43.50	7.000	42.67	3.880	3.397	16	0.21	038.52	0
038	Molybdenum (mg / kg (ppm))	0510	44.35	0.1000	42.67	3.880	3.397	16	0.43	038.43	0
038	Molybdenum (mg / kg (ppm))	2033	44.61	4.340	42.67	3.880	3.397	16	0.50	038.43	0
038	Molybdenum (mg / kg (ppm))	0964	45.36	1.079	42.67	3.880	3.397	16	0.69	038.43	0
038	Molybdenum (mg / kg (ppm))	2207	46.50	3.000	42.67	3.880	3.397	16	0.99	038.52	0
038	Molybdenum (mg / kg (ppm))	0227	46.90	3.000	42.67	3.880	3.397	16	1.09	038.53	0
038	Molybdenum (mg / kg (ppm))	0047	52.61	0.6400	42.67	3.880	3.397	16	2.56	038.52	0
038	Molybdenum (mg / kg (ppm))	0918	56.77	8.996	42.67	3.880	3.397	16	3.63	038.53	0
041	Vanadium (mg / kg (ppm))	0278	41.04	0.5600	47.69	4.265	3.226	7	-1.56	041.43	0
041	Vanadium (mg / kg (ppm))	0160	44.55	4.900	47.69	4.265	3.226	7	-0.74	041.99	0
041	Vanadium (mg / kg (ppm))	0208	44.95	2.500	47.69	4.265	3.226	7	-0.64	041.41	0
041	Vanadium (mg / kg (ppm))	2207	48.00	2.000	47.69	4.265	3.226	7	0.07	041.52	0
041	Vanadium (mg / kg (ppm))	0098	48.79	5.190	47.69	4.265	3.226	7	0.26	041.43	0
041	Vanadium (mg / kg (ppm))	2033	52.05	3.250	47.69	4.265	3.226	7	1.02	041.43	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			
041	Vanadium (mg / kg (ppm))	0047	54.49	4.180	47.69	4.265	3.226	7	1.59	041.52	0
041	Vanadium (mg / kg (ppm))	2260	745.5	31.00	47.69	4.265	3.226	7	163.62	041.33	2
516	Arsenic, Total (mg / kg (ppm))	2260	0.6845	0.0170	1.200	0.1867	0.1384	15	-2.76	516.00	0
516	Arsenic, Total (mg / kg (ppm))	0186	1.005	0.0300	1.200	0.1867	0.1384	15	-1.04	516.52	0
516	Arsenic, Total (mg / kg (ppm))	2146	1.018	0.0990	1.200	0.1867	0.1384	15	-0.98	516.52	0
516	Arsenic, Total (mg / kg (ppm))	0278	1.042	0.0130	1.200	0.1867	0.1384	15	-0.85	516.43	0
516	Arsenic, Total (mg / kg (ppm))	0208	1.140	0.1400	1.200	0.1867	0.1384	15	-0.32	516.52	0
516	Arsenic, Total (mg / kg (ppm))	2033	1.185	0.1100	1.200	0.1867	0.1384	15	-0.08	516.53	0
516	Arsenic, Total (mg / kg (ppm))	0010	1.200	0.0000	1.200	0.1867	0.1384	15	0.00	516.53	0
516	Arsenic, Total (mg / kg (ppm))	2146	1.200	0.2160	1.200	0.1867	0.1384	15	0.00	516.34	0
516	Arsenic, Total (mg / kg (ppm))	0033	1.205	0.1100	1.200	0.1867	0.1384	15	0.03	516.53	0
516	Arsenic, Total (mg / kg (ppm))	0227	1.205	0.3300	1.200	0.1867	0.1384	15	0.03	516.53	0
516	Arsenic, Total (mg / kg (ppm))	2207	1.300	0.4000	1.200	0.1867	0.1384	15	0.54	516.52	0
516	Arsenic, Total (mg / kg (ppm))	0047	1.315	0.0100	1.200	0.1867	0.1384	15	0.62	516.52	0
516	Arsenic, Total (mg / kg (ppm))	0098	1.379	0.1790	1.200	0.1867	0.1384	15	0.96	516.53	0
516	Arsenic, Total (mg / kg (ppm))	0918	1.404	0.2220	1.200	0.1867	0.1384	15	1.09	516.53	0
516	Arsenic, Total (mg / kg (ppm))	2113	1.600	0.2000	1.200	0.1867	0.1384	15	2.14	516.52	0
516	Arsenic, Total (mg / kg (ppm))	0160	< 10		1.200	0.1867	0.1384	15		516.99	5
518	Cadmium (mg / kg (ppm))	2114	0.5135	0.0510	0.6712	0.1140	0.0938	19	-1.38	518.99	0
518	Cadmium (mg / kg (ppm))	0160	0.6000	0.0000	0.6712	0.1140	0.0938	19	-0.62	518.99	0
518	Cadmium (mg / kg (ppm))	0227	0.6165	0.0290	0.6712	0.1140	0.0938	19	-0.48	518.53	0
518	Cadmium (mg / kg (ppm))	0964	0.6372	0.0750	0.6712	0.1140	0.0938	19	-0.30	518.43	0
518	Cadmium (mg / kg (ppm))	2146	0.6390	0.0540	0.6712	0.1140	0.0938	19	-0.28	518.34	0
518	Cadmium (mg / kg (ppm))	0186	0.6395	0.0590	0.6712	0.1140	0.0938	19	-0.28	518.52	0
518	Cadmium (mg / kg (ppm))	0208	0.6455	0.1170	0.6712	0.1140	0.0938	19	-0.23	518.52	0
518	Cadmium (mg / kg (ppm))	0278	0.6620	0.0040	0.6712	0.1140	0.0938	19	-0.08	518.43	0
518	Cadmium (mg / kg (ppm))	2033	0.6650	0.1300	0.6712	0.1140	0.0938	19	-0.05	518.53	0
518	Cadmium (mg / kg (ppm))	2146	0.6730	0.1980	0.6712	0.1140	0.0938	19	0.02	518.52	0
518	Cadmium (mg / kg (ppm))	0098	0.6745	0.1010	0.6712	0.1140	0.0938	19	0.03	518.53	0
518	Cadmium (mg / kg (ppm))	0033	0.6750	0.0700	0.6712	0.1140	0.0938	19	0.03	518.53	0
518	Cadmium (mg / kg (ppm))	0656	0.6836	0.1503	0.6712	0.1140	0.0938	19	0.11	518.34	0
518	Cadmium (mg / kg (ppm))	0042	0.6870	0.3000	0.6712	0.1140	0.0938	19	0.14	518.42	0
518	Cadmium (mg / kg (ppm))	2260	0.6930	0.0020	0.6712	0.1140	0.0938	19	0.19	518.33	0
518	Cadmium (mg / kg (ppm))	0047	0.7250	0.0900	0.6712	0.1140	0.0938	19	0.47	518.52	0
518	Cadmium (mg / kg (ppm))	2113	0.7450	0.2300	0.6712	0.1140	0.0938	19	0.65	518.52	0
518	Cadmium (mg / kg (ppm))	2207	0.7500	0.1000	0.6712	0.1140	0.0938	19	0.69	518.52	0
518	Cadmium (mg / kg (ppm))	0918	0.7544	0.0216	0.6712	0.1140	0.0938	19	0.73	518.53	0
518	Cadmium (mg / kg (ppm))	0010	< 1		0.6712	0.1140	0.0938	19		518.53	5
520	Chromium (mg / kg (ppm))	0010	39.40	3.600	52.17	4.602	3.722	18	-2.77	520.53	0
520	Chromium (mg / kg (ppm))	0278	45.60	0.6200	52.17	4.602	3.722	18	-1.43	520.43	0
520	Chromium (mg / kg (ppm))	0227	46.30	5.000	52.17	4.602	3.722	18	-1.27	520.53	0
520	Chromium (mg / kg (ppm))	0208	47.90	3.200	52.17	4.602	3.722	18	-0.93	520.41	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			
520	Chromium (mg / kg (ppm))	2113	48.50	7.000	52.17	4.602	3.722	18	-0.80	520.52	0
520	Chromium (mg / kg (ppm))	0510	48.54	1.130	52.17	4.602	3.722	18	-0.79	520.43	0
520	Chromium (mg / kg (ppm))	0186	48.80	0.4000	52.17	4.602	3.722	18	-0.73	520.52	0
520	Chromium (mg / kg (ppm))	0160	50.40	3.600	52.17	4.602	3.722	18	-0.38	520.99	0
520	Chromium (mg / kg (ppm))	2033	52.05	1.700	52.17	4.602	3.722	18	-0.03	520.43	0
520	Chromium (mg / kg (ppm))	0870	52.77	3.870	52.17	4.602	3.722	18	0.13	520.43	0
520	Chromium (mg / kg (ppm))	0033	53.60	0.8000	52.17	4.602	3.722	18	0.31	520.53	0
520	Chromium (mg / kg (ppm))	2114	54.79	7.150	52.17	4.602	3.722	18	0.57	520.43	0
520	Chromium (mg / kg (ppm))	0098	54.95	5.700	52.17	4.602	3.722	18	0.60	520.43	0
520	Chromium (mg / kg (ppm))	0964	55.73	1.725	52.17	4.602	3.722	18	0.77	520.43	0
520	Chromium (mg / kg (ppm))	0047	55.94	1.180	52.17	4.602	3.722	18	0.82	520.52	0
520	Chromium (mg / kg (ppm))	2207	58.00	12.00	52.17	4.602	3.722	18	1.27	520.52	0
520	Chromium (mg / kg (ppm))	0918	64.39	8.222	52.17	4.602	3.722	18	2.66	520.53	0
520	Chromium (mg / kg (ppm))	2260	64.95	0.1000	52.17	4.602	3.722	18	2.78	520.33	0
520	Chromium (mg / kg (ppm))	0042	37.35	20.90	52.17	4.602	3.722	18	-3.22	520.42	1
526	Lead (mg / kg (ppm))	2260	19.25	0.3000	75.25	6.282	5.222	23	-8.91	526.33	0
526	Lead (mg / kg (ppm))	2144	64.95	1.340	75.25	6.282	5.222	23	-1.64	526.31	0
526	Lead (mg / kg (ppm))	0186	66.50	7.000	75.25	6.282	5.222	23	-1.39	526.42	0
526	Lead (mg / kg (ppm))	0278	69.96	0.3500	75.25	6.282	5.222	23	-0.84	526.43	0
526	Lead (mg / kg (ppm))	0160	70.45	4.300	75.25	6.282	5.222	23	-0.76	526.99	0
526	Lead (mg / kg (ppm))	0186	70.75	5.900	75.25	6.282	5.222	23	-0.72	526.52	0
526	Lead (mg / kg (ppm))	0010	71.15	5.900	75.25	6.282	5.222	23	-0.65	526.53	0
526	Lead (mg / kg (ppm))	2207	72.15	4.100	75.25	6.282	5.222	23	-0.49	526.52	0
526	Lead (mg / kg (ppm))	0227	72.90	7.600	75.25	6.282	5.222	23	-0.37	526.53	0
526	Lead (mg / kg (ppm))	0870	73.12	17.67	75.25	6.282	5.222	23	-0.34	526.43	0
526	Lead (mg / kg (ppm))	0033	74.10	4.600	75.25	6.282	5.222	23	-0.18	526.53	0
526	Lead (mg / kg (ppm))	2146	75.28	10.46	75.25	6.282	5.222	23	0.01	526.52	0
526	Lead (mg / kg (ppm))	0042	75.95	0.1000	75.25	6.282	5.222	23	0.11	526.42	0
526	Lead (mg / kg (ppm))	0208	76.00	1.800	75.25	6.282	5.222	23	0.12	526.52	0
526	Lead (mg / kg (ppm))	2113	77.50	3.000	75.25	6.282	5.222	23	0.36	526.52	0
526	Lead (mg / kg (ppm))	2033	78.62	14.95	75.25	6.282	5.222	23	0.54	526.53	0
526	Lead (mg / kg (ppm))	0098	79.60	3.200	75.25	6.282	5.222	23	0.69	526.53	0
526	Lead (mg / kg (ppm))	0656	79.67	6.510	75.25	6.282	5.222	23	0.70	526.34	0
526	Lead (mg / kg (ppm))	2114	79.94	1.520	75.25	6.282	5.222	23	0.75	526.99	0
526	Lead (mg / kg (ppm))	2146	80.88	5.630	75.25	6.282	5.222	23	0.90	526.34	0
526	Lead (mg / kg (ppm))	0964	85.11	3.829	75.25	6.282	5.222	23	1.57	526.43	0
526	Lead (mg / kg (ppm))	0047	89.87	0.6300	75.25	6.282	5.222	23	2.33	526.52	0
526	Lead (mg / kg (ppm))	0918	100.9	9.419	75.25	6.282	5.222	23	4.09	526.53	0
529	Mercury (µg / kg (ppb))	2260	1.495	0.0100	2,001	288.4	166.1	16	-6.93	529.00	0
529	Mercury (µg / kg (ppb))	2146	1.681	0.0100	2,001	288.4	166.1	16	-6.93	529.99	0
529	Mercury (µg / kg (ppb))	0047	2.455	0.1500	2,001	288.4	166.1	16	-6.93	529.99	0
529	Mercury (µg / kg (ppb))	0186	1,495	350.0	2,001	288.4	166.1	16	-1.75	529.99	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			
529	Mercury (µg / kg (ppb))	0208	1,890	80.00	2,001	288.4	166.1	16	-0.38	529.99	0
529	Mercury (µg / kg (ppb))	0010	1,984	84.00	2,001	288.4	166.1	16	-0.06	529.99	0
529	Mercury (µg / kg (ppb))	0042	2,110	160.0	2,001	288.4	166.1	16	0.38	529.00	0
529	Mercury (µg / kg (ppb))	0098	2,180	120.0	2,001	288.4	166.1	16	0.62	529.99	0
529	Mercury (µg / kg (ppb))	2114	2,217	16.06	2,001	288.4	166.1	16	0.75	529.99	0
529	Mercury (µg / kg (ppb))	0227	2,250	60.00	2,001	288.4	166.1	16	0.86	529.99	0
529	Mercury (µg / kg (ppb))	2033	2,261	256.0	2,001	288.4	166.1	16	0.90	529.99	0
529	Mercury (µg / kg (ppb))	0033	2,280	160.0	2,001	288.4	166.1	16	0.97	529.99	0
529	Mercury (µg / kg (ppb))	0160	2,385	770.0	2,001	288.4	166.1	16	1.33	529.99	0
529	Mercury (µg / kg (ppb))	0918	2,451	51.00	2,001	288.4	166.1	16	1.56	529.99	0
529	Mercury (µg / kg (ppb))	2207	2,800	0.0000	2,001	288.4	166.1	16	2.77	529.99	0
529	Mercury (µg / kg (ppb))	0425	3,165	550.0	2,001	288.4	166.1	16	4.04	529.00	0
539	Nickel (mg / kg (ppm))	0278	161.2	4.100	206.4	14.80	13.90	17	-3.06	539.43	0
539	Nickel (mg / kg (ppm))	0042	169.5	3.000	206.4	14.80	13.90	17	-2.49	539.42	0
539	Nickel (mg / kg (ppm))	0010	180.0	16.00	206.4	14.80	13.90	17	-1.78	539.53	0
539	Nickel (mg / kg (ppm))	0186	194.0	12.00	206.4	14.80	13.90	17	-0.84	539.52	0
539	Nickel (mg / kg (ppm))	0047	196.8	9.770	206.4	14.80	13.90	17	-0.65	539.52	0
539	Nickel (mg / kg (ppm))	0160	200.0	24.00	206.4	14.80	13.90	17	-0.43	539.99	0
539	Nickel (mg / kg (ppm))	2207	206.0	28.00	206.4	14.80	13.90	17	-0.03	539.52	0
539	Nickel (mg / kg (ppm))	0208	208.5	33.00	206.4	14.80	13.90	17	0.14	539.41	0
539	Nickel (mg / kg (ppm))	2033	209.4	10.33	206.4	14.80	13.90	17	0.20	539.43	0
539	Nickel (mg / kg (ppm))	0964	214.9	11.40	206.4	14.80	13.90	17	0.58	539.43	0
539	Nickel (mg / kg (ppm))	2260	215.0	6.000	206.4	14.80	13.90	17	0.58	539.33	0
539	Nickel (mg / kg (ppm))	2113	215.0	30.00	206.4	14.80	13.90	17	0.58	539.52	0
539	Nickel (mg / kg (ppm))	0098	217.0	6.000	206.4	14.80	13.90	17	0.72	539.53	0
539	Nickel (mg / kg (ppm))	0186	217.5	11.00	206.4	14.80	13.90	17	0.75	539.42	0
539	Nickel (mg / kg (ppm))	0870	218.7	13.07	206.4	14.80	13.90	17	0.83	539.43	0
539	Nickel (mg / kg (ppm))	2114	224.5	7.500	206.4	14.80	13.90	17	1.22	539.43	0
539	Nickel (mg / kg (ppm))	0918	267.3	11.09	206.4	14.80	13.90	17	4.11	539.53	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.