



AAFCO
Association of American Feed Control Officials



Minerals Scheme

Deer Feed Medicated

Test Material Code # 202554

Analyte Proficiency Testing Report

Labs Reporting: 31

Analytes Reported 16

Issue Date : 01/31/2026

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob. Mean	Horwitz SD	Rob. R-bar	# Tests			
015	Aluminum (ppm)	0510	157.0	2.000	200.2		5.901	17	-2.99	015.43	0
015	Aluminum (ppm)	2468	162.0	7.200	200.2		5.901	17	-2.65	015.52	0
015	Aluminum (ppm)	0186	169.9	12.06	200.2		5.901	17	-2.10	015.52	0
015	Aluminum (ppm)	0032	175.7	6.684	200.2		5.901	17	-1.70	015.53	0
015	Aluminum (ppm)	0407	193.9	3.534	200.2		5.901	17	-0.43	015.41	0
015	Aluminum (ppm)	0227	194.0	0.0000	200.2		5.901	17	-0.43	015.43	0
015	Aluminum (ppm)	0511	196.0	6.000	200.2		5.901	17	-0.29	015.43	0
015	Aluminum (ppm)	0042	198.0	6.000	200.2		5.901	17	-0.15	015.42	0
015	Aluminum (ppm)	0629	200.5	5.000	200.2		5.901	17	0.02	015.43	0
015	Aluminum (ppm)	0407	205.3	0.8132	200.2		5.901	17	0.35	015.53	0
015	Aluminum (ppm)	0553	208.5	1.000	200.2		5.901	17	0.58	015.53	0
015	Aluminum (ppm)	0148	212.4	1.430	200.2		5.901	17	0.85	015.43	0
015	Aluminum (ppm)	0407	212.6	5.794	200.2		5.901	17	0.86	015.43	0
015	Aluminum (ppm)	0870	217.6	2.309	200.2		5.901	17	1.21	015.43	0
015	Aluminum (ppm)	0098	222.4	8.900	200.2		5.901	17	1.54	015.43	0
015	Aluminum (ppm)	0508	234.0	18.68	200.2		5.901	17	2.34	015.43	0
015	Aluminum (ppm)	0964	256.0	42.00	200.2		5.901	17	3.87	015.43	0
015	Aluminum (ppm)	0504	235.5	55.00	200.2		5.901	17	2.45	015.53	1
017	Boron (ppm)	0032	86.46	3.611	112.0		3.231	12	-2.90	017.53	0
017	Boron (ppm)	0510	102.5	1.000	112.0		3.231	12	-1.08	017.43	0
017	Boron (ppm)	0870	104.6	0.6172	112.0		3.231	12	-0.84	017.43	0
017	Boron (ppm)	0407	107.3	1.358	112.0		3.231	12	-0.53	017.41	0
017	Boron (ppm)	0629	108.5	1.000	112.0		3.231	12	-0.40	017.43	0
017	Boron (ppm)	0504	109.0	0.0000	112.0		3.231	12	-0.34	017.53	0
017	Boron (ppm)	0407	109.2	2.832	112.0		3.231	12	-0.32	017.43	0
017	Boron (ppm)	0407	113.1	1.496	112.0		3.231	12	0.13	017.53	0
017	Boron (ppm)	0553	117.0	0.0000	112.0		3.231	12	0.57	017.53	0
017	Boron (ppm)	0098	118.9	6.700	112.0		3.231	12	0.78	017.43	0
017	Boron (ppm)	2468	130.0	7.500	112.0		3.231	12	2.04	017.52	0
017	Boron (ppm)	0508	154.0	6.200	112.0		3.231	12	4.77	017.43	0
021	Cobalt (ppm)	2404	2.755	0.0500	4.758		0.1077	22	-3.33	021.43	0
021	Cobalt (ppm)	0042	2.970	0.0400	4.758		0.1077	22	-2.97	021.42	0
021	Cobalt (ppm)	2113	3.200	0.2000	4.758		0.1077	22	-2.59	021.52	0

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021	Cobalt (ppm)	2468	3.840	0.1800	4.758		0.1077	22	-1.52	021.52	0
021	Cobalt (ppm)	0186	4.139	0.1012	4.758		0.1077	22	-1.03	021.52	0
021	Cobalt (ppm)	0227	4.265	0.1300	4.758		0.1077	22	-0.82	021.43	0
021	Cobalt (ppm)	0629	4.520	0.0400	4.758		0.1077	22	-0.39	021.43	0
021	Cobalt (ppm)	0098	4.559	0.1310	4.758		0.1077	22	-0.33	021.53	0
021	Cobalt (ppm)	2404	4.632	0.0780	4.758		0.1077	22	-0.21	021.53	0
021	Cobalt (ppm)	0407	4.870	0.3432	4.758		0.1077	22	0.19	021.53	0
021	Cobalt (ppm)	2433	4.878	0.0055	4.758		0.1077	22	0.20	021.42	0
021	Cobalt (ppm)	0032	4.879	0.1978	4.758		0.1077	22	0.20	021.53	0
021	Cobalt (ppm)	0407	4.899	0.1215	4.758		0.1077	22	0.24	021.41	0
021	Cobalt (ppm)	0407	5.006	0.0628	4.758		0.1077	22	0.41	021.43	0
021	Cobalt (ppm)	0033	5.120	0.0600	4.758		0.1077	22	0.60	021.53	0
021	Cobalt (ppm)	0354	5.125	0.0300	4.758		0.1077	22	0.61	021.43	0
021	Cobalt (ppm)	0510	5.155	0.0500	4.758		0.1077	22	0.66	021.43	0
021	Cobalt (ppm)	0553	5.345	0.0700	4.758		0.1077	22	0.98	021.53	0
021	Cobalt (ppm)	0504	5.495	0.1100	4.758		0.1077	22	1.23	021.53	0
021	Cobalt (ppm)	0278	5.609	0.2730	4.758		0.1077	22	1.41	021.43	0
021	Cobalt (ppm)	0870	5.711	0.1460	4.758		0.1077	22	1.58	021.43	0
021	Cobalt (ppm)	0148	5.885	0.1300	4.758		0.1077	22	1.87	021.43	0
021	Cobalt (ppm)	0508	< 10		4.758		0.1077	22		021.43	5
022	Copper (ppm)	0529	177.3	0.5000	215.8		6.567	31	-2.51	022.31	0
022	Copper (ppm)	0407	186.6	8.343	215.8		6.567	31	-1.90	022.41	0
022	Copper (ppm)	0227	188.5	11.00	215.8		6.567	31	-1.77	022.43	0
022	Copper (ppm)	0032	191.5	15.55	215.8		6.567	31	-1.58	022.53	0
022	Copper (ppm)	2113	195.0	10.00	215.8		6.567	31	-1.35	022.52	0
022	Copper (ppm)	2404	204.5	0.0060	215.8		6.567	31	-0.73	022.53	0
022	Copper (ppm)	0629	207.5	3.000	215.8		6.567	31	-0.54	022.43	0
022	Copper (ppm)	0148	208.1	9.080	215.8		6.567	31	-0.50	022.43	0
022	Copper (ppm)	0511	209.0	6.000	215.8		6.567	31	-0.44	022.43	0
022	Copper (ppm)	0510	210.0	2.000	215.8		6.567	31	-0.38	022.43	0
022	Copper (ppm)	0098	210.2	2.500	215.8		6.567	31	-0.37	022.53	0
022	Copper (ppm)	0407	211.8	13.05	215.8		6.567	31	-0.26	022.53	0
022	Copper (ppm)	0042	212.0	2.000	215.8		6.567	31	-0.25	022.42	0
022	Copper (ppm)	0006	212.5	1.000	215.8		6.567	31	-0.21	022.53	0
022	Copper (ppm)	0186	212.6	0.3100	215.8		6.567	31	-0.21	022.52	0
022	Copper (ppm)	2404	213.4	2.540	215.8		6.567	31	-0.16	022.43	0
022	Copper (ppm)	0017	217.1	11.33	215.8		6.567	31	0.09	022.43	0
022	Copper (ppm)	0010	219.8	0.0000	215.8		6.567	31	0.26	022.43	0
022	Copper (ppm)	0033	220.0	4.000	215.8		6.567	31	0.27	022.53	0
022	Copper (ppm)	0009	220.1	14.20	215.8		6.567	31	0.28	022.52	0
022	Copper (ppm)	0870	222.2	3.441	215.8		6.567	31	0.42	022.43	0
022	Copper (ppm)	0208	225.3	17.70	215.8		6.567	31	0.62	022.41	0

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022	Copper (ppm)	0278	226.4	4.400	215.8		6.567	31	0.69	022.42	0
022	Copper (ppm)	2302	227.1	0.5500	215.8		6.567	31	0.74	022.99	0
022	Copper (ppm)	0553	227.5	3.000	215.8		6.567	31	0.76	022.53	0
022	Copper (ppm)	0504	229.0	14.00	215.8		6.567	31	0.86	022.42	0
022	Copper (ppm)	0504	231.0	10.00	215.8		6.567	31	0.99	022.43	0
022	Copper (ppm)	0508	231.6	20.58	215.8		6.567	31	1.03	022.43	0
022	Copper (ppm)	0964	239.5	7.000	215.8		6.567	31	1.54	022.43	0
022	Copper (ppm)	2468	243.0	2.700	215.8		6.567	31	1.77	022.42	0
022	Copper (ppm)	0407	264.0	4.624	215.8		6.567	31	3.13	022.43	0
023	Fluorine (ppm)	0227	< 15					0		023.01	5
024	Iodine (ppm)	0208	1.245	0.0500				2		024.99	0
024	Iodine (ppm)	0186	2.289	0.2200				2		024.52	0
034	Selenium, Total (Se) (ppm)	0148	2.765	0.3100	3.267		0.1694	21	-1.15	034.42	0
034	Selenium, Total (Se) (ppm)	0006	2.925	0.0500	3.267		0.1694	21	-0.78	034.53	0
034	Selenium, Total (Se) (ppm)	0032	2.969	0.2432	3.267		0.1694	21	-0.68	034.53	0
034	Selenium, Total (Se) (ppm)	0870	3.014	0.2079	3.267		0.1694	21	-0.58	034.43	0
034	Selenium, Total (Se) (ppm)	0227	3.025	0.1300	3.267		0.1694	21	-0.55	034.53	0
034	Selenium, Total (Se) (ppm)	0186	3.028	0.0316	3.267		0.1694	21	-0.55	034.52	0
034	Selenium, Total (Se) (ppm)	0553	3.095	0.0500	3.267		0.1694	21	-0.39	034.53	0
034	Selenium, Total (Se) (ppm)	2404	3.175	0.2410	3.267		0.1694	21	-0.21	034.53	0
034	Selenium, Total (Se) (ppm)	0504	3.185	0.0100	3.267		0.1694	21	-0.19	034.53	0
034	Selenium, Total (Se) (ppm)	0208	3.225	0.1100	3.267		0.1694	21	-0.10	034.52	0
034	Selenium, Total (Se) (ppm)	0629	3.225	0.4700	3.267		0.1694	21	-0.10	034.43	0
034	Selenium, Total (Se) (ppm)	2445	3.320	0.0280	3.267		0.1694	21	0.12	034.43	0
034	Selenium, Total (Se) (ppm)	2433	3.341	0.0400	3.267		0.1694	21	0.17	034.42	0
034	Selenium, Total (Se) (ppm)	2468	3.435	0.2100	3.267		0.1694	21	0.38	034.52	0
034	Selenium, Total (Se) (ppm)	0033	3.450	0.1600	3.267		0.1694	21	0.42	034.53	0
034	Selenium, Total (Se) (ppm)	2404	3.470	0.1400	3.267		0.1694	21	0.46	034.43	0
034	Selenium, Total (Se) (ppm)	0009	3.505	0.5740	3.267		0.1694	21	0.54	034.53	0
034	Selenium, Total (Se) (ppm)	0098	3.506	0.3540	3.267		0.1694	21	0.55	034.53	0
034	Selenium, Total (Se) (ppm)	0407	3.537	0.0621	3.267		0.1694	21	0.62	034.53	0
034	Selenium, Total (Se) (ppm)	0278	3.650	0.3600	3.267		0.1694	21	0.87	034.53	0
034	Selenium, Total (Se) (ppm)	0010	3.775	0.0300	3.267		0.1694	21	1.16	034.53	0
034	Selenium, Total (Se) (ppm)	0042	16.60	0.6000	3.267		0.1694	21	30.48	034.42	2
034	Selenium, Total (Se) (ppm)	2302	0.0000	0.0000	3.267		0.1694	21		034.99	4
036	Sulfur (%)	0504	0.3515	0.0010	0.3872		0.0111	18	-2.00	036.53	0
036	Sulfur (%)	0186	0.3600	0.0090	0.3872		0.0111	18	-1.52	036.42	0
036	Sulfur (%)	0407	0.3610	0.0131	0.3872		0.0111	18	-1.47	036.42	0
036	Sulfur (%)	0042	0.3640	0.0160	0.3872		0.0111	18	-1.30	036.42	0
036	Sulfur (%)	0629	0.3700	0.0000	0.3872		0.0111	18	-0.96	036.43	0
036	Sulfur (%)	0870	0.3718	0.0175	0.3872		0.0111	18	-0.87	036.42	0
036	Sulfur (%)	0553	0.3730	0.0040	0.3872		0.0111	18	-0.80	036.53	0

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036	Sulfur (%)	0964	0.3743	0.0054	0.3872		0.0111	18	-0.72	036.43	0
036	Sulfur (%)	0033	0.3765	0.0010	0.3872		0.0111	18	-0.60	036.43	0
036	Sulfur (%)	0186	0.3835	0.0164	0.3872		0.0111	18	-0.21	036.52	0
036	Sulfur (%)	0510	0.3900	0.0000	0.3872		0.0111	18	0.15	036.43	0
036	Sulfur (%)	0227	0.4000	0.0200	0.3872		0.0111	18	0.71	036.53	0
036	Sulfur (%)	0508	0.4050	0.0230	0.3872		0.0111	18	0.99	036.43	0
036	Sulfur (%)	0407	0.4051	0.0023	0.3872		0.0111	18	1.00	036.43	0
036	Sulfur (%)	2468	0.4184	0.0323	0.3872		0.0111	18	1.74	036.52	0
036	Sulfur (%)	0032	0.4199	0.0022	0.3872		0.0111	18	1.83	036.43	0
036	Sulfur (%)	0278	0.4200	0.0000	0.3872		0.0111	18	1.83	036.42	0
036	Sulfur (%)	0098	0.4265	0.0110	0.3872		0.0111	18	2.20	036.43	0
038	Molybdenum (ppm)	0032	105.8	13.88	124.6		5.869	22	-1.96	038.53	0
038	Molybdenum (ppm)	0407	115.8	2.410	124.6		5.869	22	-0.91	038.41	0
038	Molybdenum (ppm)	0407	116.6	2.789	124.6		5.869	22	-0.83	038.43	0
038	Molybdenum (ppm)	0186	118.3	1.130	124.6		5.869	22	-0.65	038.52	0
038	Molybdenum (ppm)	0407	120.8	4.694	124.6		5.869	22	-0.39	038.53	0
038	Molybdenum (ppm)	0227	121.5	19.00	124.6		5.869	22	-0.32	038.53	0
038	Molybdenum (ppm)	0006	122.0	6.000	124.6		5.869	22	-0.27	038.53	0
038	Molybdenum (ppm)	0629	122.5	1.000	124.6		5.869	22	-0.22	038.43	0
038	Molybdenum (ppm)	0098	122.8	9.800	124.6		5.869	22	-0.19	038.53	0
038	Molybdenum (ppm)	0510	123.3	0.4000	124.6		5.869	22	-0.14	038.43	0
038	Molybdenum (ppm)	0042	123.5	1.000	124.6		5.869	22	-0.12	038.42	0
038	Molybdenum (ppm)	0511	123.5	9.000	124.6		5.869	22	-0.12	038.43	0
038	Molybdenum (ppm)	2468	124.7	11.40	124.6		5.869	22	0.01	038.52	0
038	Molybdenum (ppm)	2113	125.0	10.00	124.6		5.869	22	0.04	038.52	0
038	Molybdenum (ppm)	0508	126.2	2.135	124.6		5.869	22	0.17	038.43	0
038	Molybdenum (ppm)	0033	127.0	2.000	124.6		5.869	22	0.25	038.53	0
038	Molybdenum (ppm)	0010	127.5	3.200	124.6		5.869	22	0.30	038.53	0
038	Molybdenum (ppm)	0148	129.9	1.070	124.6		5.869	22	0.55	038.43	0
038	Molybdenum (ppm)	0278	133.3	6.290	124.6		5.869	22	0.90	038.42	0
038	Molybdenum (ppm)	0504	133.5	9.000	124.6		5.869	22	0.92	038.53	0
038	Molybdenum (ppm)	0553	136.5	19.00	124.6		5.869	22	1.23	038.53	0
038	Molybdenum (ppm)	0870	139.7	4.457	124.6		5.869	22	1.56	038.43	0
041	Vanadium (ppm)	0629	1.110	0.0000	1.435		0.0730	6	-1.50	041.43	0
041	Vanadium (ppm)	0407	1.358	0.0462	1.435		0.0730	6	-0.36	041.53	0
041	Vanadium (ppm)	0553	1.445	0.0700	1.435		0.0730	6	0.04	041.53	0
041	Vanadium (ppm)	0098	1.469	0.1360	1.435		0.0730	6	0.16	041.53	0
041	Vanadium (ppm)	2468	1.565	0.0500	1.435		0.0730	6	0.60	041.52	0
041	Vanadium (ppm)	0278	1.647	0.0630	1.435		0.0730	6	0.97	041.43	0
041	Vanadium (ppm)	0870	2.360	1.300	1.435		0.0730	6	4.25	041.43	1
041	Vanadium (ppm)	0508	< 100		1.435		0.0730	6		041.43	5
516	Arsenic, Total (As) (ppm)	2445	13.33	0.0600	22.44		0.8636	24	-4.05	516.43	0

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516	Arsenic, Total (As) (ppm)	0032	19.76	1.938	22.44		0.8636	24	-1.20	516.53	0
516	Arsenic, Total (As) (ppm)	0511	20.00	0.0000	22.44		0.8636	24	-1.09	516.43	0
516	Arsenic, Total (As) (ppm)	0629	20.45	0.1000	22.44		0.8636	24	-0.89	516.43	0
516	Arsenic, Total (As) (ppm)	0186	20.45	0.0619	22.44		0.8636	24	-0.89	516.52	0
516	Arsenic, Total (As) (ppm)	2404	20.53	0.1140	22.44		0.8636	24	-0.85	516.53	0
516	Arsenic, Total (As) (ppm)	0407	21.23	0.4771	22.44		0.8636	24	-0.54	516.53	0
516	Arsenic, Total (As) (ppm)	2322	21.39	0.0000	22.44		0.8636	24	-0.47	516.43	0
516	Arsenic, Total (As) (ppm)	0006	21.70	0.2000	22.44		0.8636	24	-0.33	516.53	0
516	Arsenic, Total (As) (ppm)	2468	21.71	1.060	22.44		0.8636	24	-0.33	516.52	0
516	Arsenic, Total (As) (ppm)	0033	22.10	0.8000	22.44		0.8636	24	-0.15	516.53	0
516	Arsenic, Total (As) (ppm)	0278	22.33	0.4930	22.44		0.8636	24	-0.05	516.53	0
516	Arsenic, Total (As) (ppm)	0098	22.38	1.200	22.44		0.8636	24	-0.03	516.53	0
516	Arsenic, Total (As) (ppm)	0504	22.60	1.000	22.44		0.8636	24	0.07	516.53	0
516	Arsenic, Total (As) (ppm)	2404	22.85	0.0500	22.44		0.8636	24	0.18	516.43	0
516	Arsenic, Total (As) (ppm)	0964	22.90	1.000	22.44		0.8636	24	0.20	516.43	0
516	Arsenic, Total (As) (ppm)	0010	23.10	1.800	22.44		0.8636	24	0.29	516.53	0
516	Arsenic, Total (As) (ppm)	0354	23.19	0.0600	22.44		0.8636	24	0.33	516.43	0
516	Arsenic, Total (As) (ppm)	0227	23.90	1.200	22.44		0.8636	24	0.65	516.53	0
516	Arsenic, Total (As) (ppm)	0553	24.25	2.300	22.44		0.8636	24	0.80	516.53	0
516	Arsenic, Total (As) (ppm)	0870	25.37	2.203	22.44		0.8636	24	1.30	516.43	0
516	Arsenic, Total (As) (ppm)	0042	26.45	1.100	22.44		0.8636	24	1.78	516.42	0
516	Arsenic, Total (As) (ppm)	2113	26.50	1.000	22.44		0.8636	24	1.80	516.52	0
516	Arsenic, Total (As) (ppm)	0148	33.80	1.246	22.44		0.8636	24	5.05	516.43	0
516	Arsenic, Total (As) (ppm)	0208	19.00	4.600	22.44		0.8636	24	-1.53	516.52	1
516	Arsenic, Total (As) (ppm)	2302	0.0000	0.0000	22.44		0.8636	24		516.99	4
518	Cadmium (ppm)	0148	0.4395	0.0390	0.6783		0.0229	26	-2.08	518.43	0
518	Cadmium (ppm)	0407	0.5149	0.0129	0.6783		0.0229	26	-1.42	518.41	0
518	Cadmium (ppm)	2404	0.5400	0.0200	0.6783		0.0229	26	-1.20	518.43	0
518	Cadmium (ppm)	0629	0.5950	0.0100	0.6783		0.0229	26	-0.72	518.43	0
518	Cadmium (ppm)	0407	0.5971	0.0238	0.6783		0.0229	26	-0.71	518.53	0
518	Cadmium (ppm)	0032	0.6081	0.0167	0.6783		0.0229	26	-0.61	518.53	0
518	Cadmium (ppm)	2433	0.6105	0.0370	0.6783		0.0229	26	-0.59	518.42	0
518	Cadmium (ppm)	0407	0.6113	0.0283	0.6783		0.0229	26	-0.58	518.43	0
518	Cadmium (ppm)	0186	0.6181	0.0068	0.6783		0.0229	26	-0.52	518.52	0
518	Cadmium (ppm)	2404	0.6275	0.0250	0.6783		0.0229	26	-0.44	518.53	0
518	Cadmium (ppm)	0208	0.6385	0.0130	0.6783		0.0229	26	-0.35	518.52	0
518	Cadmium (ppm)	0964	0.6410	0.0120	0.6783		0.0229	26	-0.32	518.43	0
518	Cadmium (ppm)	0006	0.6470	0.0140	0.6783		0.0229	26	-0.27	518.53	0
518	Cadmium (ppm)	2322	0.6500	0.0000	0.6783		0.0229	26	-0.25	518.43	0
518	Cadmium (ppm)	2468	0.6500	0.0400	0.6783		0.0229	26	-0.25	518.52	0
518	Cadmium (ppm)	0278	0.6960	0.0020	0.6783		0.0229	26	0.15	518.43	0
518	Cadmium (ppm)	0553	0.6970	0.0020	0.6783		0.0229	26	0.16	518.53	0

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			Value	Range	Rob. Mean	Horwitz SD	Rob. R-bar	# Tests			
518	Cadmium (ppm)	0227	0.7315	0.0390	0.6783		0.0229	26	0.46	518.53	0
518	Cadmium (ppm)	0010	0.7350	0.0300	0.6783		0.0229	26	0.49	518.53	0
518	Cadmium (ppm)	0033	0.7355	0.0030	0.6783		0.0229	26	0.50	518.53	0
518	Cadmium (ppm)	0504	0.7490	0.0180	0.6783		0.0229	26	0.61	518.53	0
518	Cadmium (ppm)	0098	0.8115	0.0010	0.6783		0.0229	26	1.16	518.53	0
518	Cadmium (ppm)	2113	0.9300	0.0600	0.6783		0.0229	26	2.19	518.52	0
518	Cadmium (ppm)	0870	1.015	0.1497	0.6783		0.0229	26	2.93	518.43	0
518	Cadmium (ppm)	0042	1.115	0.5900	0.6783		0.0229	26	3.80	518.42	0
518	Cadmium (ppm)	0354	1.135	0.0300	0.6783		0.0229	26	3.97	518.43	0
518	Cadmium (ppm)	0508	3,482	6,962	0.6783		0.0229	26	>100	518.43	2
518	Cadmium (ppm)	2302	0.0000	0.0000	0.6783		0.0229	26		518.99	4
520	Chromium, Total (Cr) (ppm)	0042	3.775	0.4900	10.12		0.4648	25	-5.55	520.42	0
520	Chromium, Total (Cr) (ppm)	0407	6.048	0.0349	10.12		0.4648	25	-3.57	520.41	0
520	Chromium, Total (Cr) (ppm)	2113	7.800	1.000	10.12		0.4648	25	-2.03	520.52	0
520	Chromium, Total (Cr) (ppm)	2468	8.065	0.9100	10.12		0.4648	25	-1.80	520.52	0
520	Chromium, Total (Cr) (ppm)	0407	8.428	0.1816	10.12		0.4648	25	-1.48	520.43	0
520	Chromium, Total (Cr) (ppm)	2445	9.001	0.0680	10.12		0.4648	25	-0.98	520.43	0
520	Chromium, Total (Cr) (ppm)	0098	9.505	0.7700	10.12		0.4648	25	-0.54	520.53	0
520	Chromium, Total (Cr) (ppm)	0629	9.710	0.0800	10.12		0.4648	25	-0.36	520.43	0
520	Chromium, Total (Cr) (ppm)	0032	9.866	0.9279	10.12		0.4648	25	-0.23	520.53	0
520	Chromium, Total (Cr) (ppm)	0407	9.885	1.916	10.12		0.4648	25	-0.21	520.53	0
520	Chromium, Total (Cr) (ppm)	0227	9.985	1.830	10.12		0.4648	25	-0.12	520.53	0
520	Chromium, Total (Cr) (ppm)	0510	10.17	0.0600	10.12		0.4648	25	0.04	520.43	0
520	Chromium, Total (Cr) (ppm)	0010	10.25	0.1000	10.12		0.4648	25	0.11	520.53	0
520	Chromium, Total (Cr) (ppm)	2404	10.39	0.0300	10.12		0.4648	25	0.23	520.43	0
520	Chromium, Total (Cr) (ppm)	0186	10.66	0.4846	10.12		0.4648	25	0.47	520.52	0
520	Chromium, Total (Cr) (ppm)	0870	10.79	0.3672	10.12		0.4648	25	0.58	520.43	0
520	Chromium, Total (Cr) (ppm)	0511	11.00	0.0000	10.12		0.4648	25	0.77	520.43	0
520	Chromium, Total (Cr) (ppm)	0148	11.02	0.0620	10.12		0.4648	25	0.78	520.43	0
520	Chromium, Total (Cr) (ppm)	0508	11.13	0.3460	10.12		0.4648	25	0.88	520.43	0
520	Chromium, Total (Cr) (ppm)	2404	11.14	0.1260	10.12		0.4648	25	0.89	520.53	0
520	Chromium, Total (Cr) (ppm)	0354	11.34	0.0100	10.12		0.4648	25	1.06	520.43	0
520	Chromium, Total (Cr) (ppm)	0504	11.60	0.0000	10.12		0.4648	25	1.29	520.53	0
520	Chromium, Total (Cr) (ppm)	0553	11.60	1.200	10.12		0.4648	25	1.29	520.53	0
520	Chromium, Total (Cr) (ppm)	0033	11.70	0.0000	10.12		0.4648	25	1.38	520.53	0
520	Chromium, Total (Cr) (ppm)	0278	12.14	0.5610	10.12		0.4648	25	1.77	520.43	0
520	Chromium, Total (Cr) (ppm)	2302	0.0000	0.0000	10.12		0.4648	25		520.99	4
526	Lead (ppm)	0629	0.5850	0.0300	0.8669		0.0435	24	-1.99	526.43	0
526	Lead (ppm)	2404	0.7250	0.0100	0.8669		0.0435	24	-1.00	526.43	0
526	Lead (ppm)	0407	0.7333	0.0552	0.8669		0.0435	24	-0.94	526.41	0
526	Lead (ppm)	2113	0.7650	0.0500	0.8669		0.0435	24	-0.72	526.52	0
526	Lead (ppm)	2404	0.7670	0.0360	0.8669		0.0435	24	-0.70	526.53	0

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526	Lead (ppm)	0032	0.7774	0.0030	0.8669		0.0435	24	-0.63	526.53	0
526	Lead (ppm)	0186	0.7891	0.0097	0.8669		0.0435	24	-0.55	526.52	0
526	Lead (ppm)	0098	0.7970	0.1520	0.8669		0.0435	24	-0.49	526.53	0
526	Lead (ppm)	0407	0.8204	0.0250	0.8669		0.0435	24	-0.33	526.53	0
526	Lead (ppm)	2322	0.8300	0.0000	0.8669		0.0435	24	-0.26	526.43	0
526	Lead (ppm)	0227	0.8525	0.0310	0.8669		0.0435	24	-0.10	526.53	0
526	Lead (ppm)	0504	0.8610	0.0280	0.8669		0.0435	24	-0.04	526.53	0
526	Lead (ppm)	0006	0.8750	0.0060	0.8669		0.0435	24	0.06	526.53	0
526	Lead (ppm)	0278	0.8775	0.0210	0.8669		0.0435	24	0.07	526.43	0
526	Lead (ppm)	0553	0.8840	0.0320	0.8669		0.0435	24	0.12	526.53	0
526	Lead (ppm)	0033	0.8885	0.0530	0.8669		0.0435	24	0.15	526.53	0
526	Lead (ppm)	2468	0.9100	0.0400	0.8669		0.0435	24	0.30	526.52	0
526	Lead (ppm)	0208	0.9180	0.1240	0.8669		0.0435	24	0.36	526.52	0
526	Lead (ppm)	0870	0.9221	0.0555	0.8669		0.0435	24	0.39	526.43	0
526	Lead (ppm)	0010	0.9400	0.0000	0.8669		0.0435	24	0.52	526.53	0
526	Lead (ppm)	0964	1.180	0.1400	0.8669		0.0435	24	2.21	526.43	0
526	Lead (ppm)	0407	1.222	0.0715	0.8669		0.0435	24	2.51	526.43	0
526	Lead (ppm)	0354	1.500	0.0800	0.8669		0.0435	24	4.47	526.43	0
526	Lead (ppm)	2433	2.488	0.0475	0.8669		0.0435	24	11.44	526.42	0
526	Lead (ppm)	2302	0.0000	0.0000	0.8669		0.0435	24		526.99	4
526	Lead (ppm)	0042	< 5.01		0.8669		0.0435	24		526.42	5
526	Lead (ppm)	0148	< 9.7		0.8669		0.0435	24		526.43	5
529	Mercury (ppb)	2445	27.91	5.750	46.97		4.214	12	-1.85	529.99	0
529	Mercury (ppb)	0186	28.15	3.300	46.97		4.214	12	-1.82	529.99	0
529	Mercury (ppb)	2322	38.78	0.0000	46.97		4.214	12	-0.79	529.99	0
529	Mercury (ppb)	0407	41.05	0.2123	46.97		4.214	12	-0.57	529.99	0
529	Mercury (ppb)	2468	43.00	2.000	46.97		4.214	12	-0.38	529.99	0
529	Mercury (ppb)	0208	46.55	4.500	46.97		4.214	12	-0.04	529.99	0
529	Mercury (ppb)	0006	47.35	3.500	46.97		4.214	12	0.04	529.99	0
529	Mercury (ppb)	0553	48.10	0.8000	46.97		4.214	12	0.11	529.99	0
529	Mercury (ppb)	0148	51.44	2.660	46.97		4.214	12	0.43	529.99	0
529	Mercury (ppb)	0098	60.50	11.00	46.97		4.214	12	1.31	529.99	0
529	Mercury (ppb)	0010	62.50	7.000	46.97		4.214	12	1.50	529.99	0
529	Mercury (ppb)	0870	75.02	7.569	46.97		4.214	12	2.71	529.99	0
529	Mercury (ppb)	0354	60.00	20.00	46.97		4.214	12	1.26	529.99	1
529	Mercury (ppb)	2302	0.0000	0.0000	46.97		4.214	12		529.99	4
529	Mercury (ppb)	0227	< 100		46.97		4.214	12		529.99	5
529	Mercury (ppb)	0504	< 500		46.97		4.214	12		529.99	5
539	Nickel (ppm)	0407	173.5	4.210	225.1		8.380	17	-3.23	539.53	0
539	Nickel (ppm)	2113	210.0	20.00	225.1		8.380	17	-0.95	539.52	0
539	Nickel (ppm)	0407	213.1	7.323	225.1		8.380	17	-0.75	539.43	0
539	Nickel (ppm)	0407	213.2	5.990	225.1		8.380	17	-0.74	539.41	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT Z Score	Your Method	Flag
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539	Nickel (ppm)	2433	213.8	0.6415	225.1		8.380	17	-0.71	539.42	0
539	Nickel (ppm)	0511	215.0	6.000	225.1		8.380	17	-0.63	539.43	0
539	Nickel (ppm)	0186	217.1	0.5100	225.1		8.380	17	-0.50	539.52	0
539	Nickel (ppm)	0508	221.2	3.740	225.1		8.380	17	-0.24	539.43	0
539	Nickel (ppm)	0042	222.5	13.00	225.1		8.380	17	-0.16	539.42	0
539	Nickel (ppm)	0629	223.0	4.000	225.1		8.380	17	-0.13	539.43	0
539	Nickel (ppm)	0148	230.6	12.92	225.1		8.380	17	0.35	539.43	0
539	Nickel (ppm)	0278	233.5	3.741	225.1		8.380	17	0.53	539.43	0
539	Nickel (ppm)	0098	234.5	13.00	225.1		8.380	17	0.59	539.53	0
539	Nickel (ppm)	0870	238.6	3.980	225.1		8.380	17	0.85	539.43	0
539	Nickel (ppm)	2468	240.8	12.80	225.1		8.380	17	0.99	539.52	0
539	Nickel (ppm)	0010	262.0	14.00	225.1		8.380	17	2.32	539.53	0
539	Nickel (ppm)	0553	270.0	24.00	225.1		8.380	17	2.82	539.53	0
539	Nickel (ppm)	0504	242.0	52.00	225.1		8.380	17	1.06	539.53	1

Note 1: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or between -2 and -3 (warning) and Green = Z <= 2 and >= -2 (OK at 95%). Horwitz SD's assigned based on Rob Mean only.

Note 2: Data Not Used Flags: 1=Rejected for duplicates too far apart, 2=Rejected as extreme outlier, 5=Reporting limit (<), 4=Zeros submitted as values and 3=Statistical problem. Flag 0 indicates data used in calculations.

Note 3: *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). A zero range is not included in robust R-bar calculation.