



Proficiency Testing

Sample # 201543

Pork and Bone Meal

All Tests Report  
Pet Food Program

# Labs Reporting: 58

Issue Date : 10/31/2015

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score		
001	Loss on Drying (%)	0914	3.6450	0.03000	4.5762	0.31262	0.08801	12	-2.98	001.00	0
001	Loss on Drying (%)	0171	4.3100	0.06000	4.5762	0.31262	0.08801	12	-0.85	001.07	0
001	Loss on Drying (%)	0098	4.3450	0.05000	4.5762	0.31262	0.08801	12	-0.74	001.07	0
001	Loss on Drying (%)	0309	4.3872	0.19910	4.5762	0.31262	0.08801	12	-0.60	001.00	0
001	Loss on Drying (%)	0003	4.4200	0.06000	4.5762	0.31262	0.08801	12	-0.50	001.07	0
001	Loss on Drying (%)	0015	4.4950	0.01000	4.5762	0.31262	0.08801	12	-0.26	001.07	0
001	Loss on Drying (%)	0027	4.5870	0.03200	4.5762	0.31262	0.08801	12	0.03	001.00	0
001	Loss on Drying (%)	0065	4.7325	0.09500	4.5762	0.31262	0.08801	12	0.50	001.07	0
001	Loss on Drying (%)	0504	4.8150	0.07000	4.5762	0.31262	0.08801	12	0.76	001.00	0
001	Loss on Drying (%)	0876	4.8400	0.04000	4.5762	0.31262	0.08801	12	0.84	001.99	0
001	Loss on Drying (%)	2094	4.8600	0.28000	4.5762	0.31262	0.08801	12	0.91	001.03	0
001	Loss on Drying (%)	0034	8.9150	0.13000	4.5762	0.31262	0.08801	12	13.88	001.00	0
001	Loss on Drying (%)	0074	4.2650	0.69000	4.5762	0.31262	0.08801	12	-1.00	001.07	1
001	Loss on Drying (%)	0510	96.150	0.10000	4.5762	0.31262	0.08801	12	292.93	001.99	2
002	Protein (%)	0553	46.465	0.97000	49.363	0.75073	0.60643	58	-3.86	002.11	0
002	Protein (%)	0202	47.235	0.03000	49.363	0.75073	0.60643	58	-2.83	002.06	0
002	Protein (%)	2023	47.685	1.2300	49.363	0.75073	0.60643	58	-2.24	002.01	0
002	Protein (%)	2036	47.715	1.4100	49.363	0.75073	0.60643	58	-2.20	002.11	0
002	Protein (%)	0958	48.030	1.2600	49.363	0.75073	0.60643	58	-1.78	002.06	0
002	Protein (%)	0001	48.105	0.73000	49.363	0.75073	0.60643	58	-1.68	002.06	0
002	Protein (%)	2004	48.150	0.10000	49.363	0.75073	0.60643	58	-1.62	002.99	0
002	Protein (%)	0511	48.250	0.18000	49.363	0.75073	0.60643	58	-1.48	002.06	0
002	Protein (%)	0098	48.350	0.30000	49.363	0.75073	0.60643	58	-1.35	002.06	0
002	Protein (%)	0164	48.385	0.59000	49.363	0.75073	0.60643	58	-1.30	002.01	0
002	Protein (%)	0014	48.500	0.60000	49.363	0.75073	0.60643	58	-1.15	002.06	0
002	Protein (%)	0027	48.515	0.95000	49.363	0.75073	0.60643	58	-1.13	002.06	0
002	Protein (%)	0960	48.645	0.87000	49.363	0.75073	0.60643	58	-0.96	002.06	0
002	Protein (%)	0015	48.780	1.8400	49.363	0.75073	0.60643	58	-0.78	002.05	0
002	Protein (%)	0870	48.803	0.06070	49.363	0.75073	0.60643	58	-0.75	002.06	0
002	Protein (%)	2023	48.940	0.58000	49.363	0.75073	0.60643	58	-0.56	002.06	0
002	Protein (%)	0047	49.000	0.78000	49.363	0.75073	0.60643	58	-0.48	002.06	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002	Protein (%)	0171	49.050	0.30000	49.363	0.75073	0.60643	58	-0.42	002.06	0
002	Protein (%)	0074	49.075	0.01000	49.363	0.75073	0.60643	58	-0.38	002.06	0
002	Protein (%)	0504	49.140	0.04000	49.363	0.75073	0.60643	58	-0.30	002.06	0
002	Protein (%)	0969	49.150	0.70000	49.363	0.75073	0.60643	58	-0.28	002.99	0
002	Protein (%)	0512	49.205	0.99000	49.363	0.75073	0.60643	58	-0.21	002.06	0
002	Protein (%)	2094	49.255	0.31000	49.363	0.75073	0.60643	58	-0.14	002.06	0
002	Protein (%)	0789	49.260	1.0200	49.363	0.75073	0.60643	58	-0.14	002.06	0
002	Protein (%)	0961	49.275	0.79000	49.363	0.75073	0.60643	58	-0.12	002.06	0
002	Protein (%)	0098	49.310	0.62000	49.363	0.75073	0.60643	58	-0.07	002.08	0
002	Protein (%)	0876	49.350	0.02000	49.363	0.75073	0.60643	58	-0.02	002.06	0
002	Protein (%)	0417	49.355	0.27000	49.363	0.75073	0.60643	58	-0.01	002.06	0
002	Protein (%)	2089	49.385	0.07000	49.363	0.75073	0.60643	58	0.03	002.06	0
002	Protein (%)	0042	49.430	0.16000	49.363	0.75073	0.60643	58	0.09	002.02	0
002	Protein (%)	0792	49.440	0.74000	49.363	0.75073	0.60643	58	0.10	002.06	0
002	Protein (%)	0970	49.550	1.3000	49.363	0.75073	0.60643	58	0.25	002.99	0
002	Protein (%)	0309	49.653	1.8940	49.363	0.75073	0.60643	58	0.39	002.06	0
002	Protein (%)	0208	49.670	0.04000	49.363	0.75073	0.60643	58	0.41	002.06	0
002	Protein (%)	0790	49.680	0.24000	49.363	0.75073	0.60643	58	0.42	002.06	0
002	Protein (%)	0164	49.695	0.07000	49.363	0.75073	0.60643	58	0.44	002.06	0
002	Protein (%)	0510	49.700	0.40000	49.363	0.75073	0.60643	58	0.45	002.06	0
002	Protein (%)	0003	49.705	0.95000	49.363	0.75073	0.60643	58	0.46	002.06	0
002	Protein (%)	1005	49.710	0.76000	49.363	0.75073	0.60643	58	0.46	002.06	0
002	Protein (%)	0959	49.720	0.82000	49.363	0.75073	0.60643	58	0.48	002.06	0
002	Protein (%)	0407	49.728	0.93000	49.363	0.75073	0.60643	58	0.49	002.06	0
002	Protein (%)	0808	49.840	0.10000	49.363	0.75073	0.60643	58	0.64	002.06	0
002	Protein (%)	0553	49.850	3.3000	49.363	0.75073	0.60643	58	0.65	002.06	0
002	Protein (%)	0811	49.865	0.03000	49.363	0.75073	0.60643	58	0.67	002.06	0
002	Protein (%)	0042	49.895	0.19000	49.363	0.75073	0.60643	58	0.71	002.06	0
002	Protein (%)	0842	49.935	0.79000	49.363	0.75073	0.60643	58	0.76	002.06	0
002	Protein (%)	1010	49.955	0.35000	49.363	0.75073	0.60643	58	0.79	002.06	0
002	Protein (%)	0870	49.958	0.39800	49.363	0.75073	0.60643	58	0.79	002.01	0
002	Protein (%)	0841	50.005	0.07000	49.363	0.75073	0.60643	58	0.86	002.06	0
002	Protein (%)	0504	50.020	0.36000	49.363	0.75073	0.60643	58	0.88	002.04	0
002	Protein (%)	0810	50.065	0.21000	49.363	0.75073	0.60643	58	0.93	002.06	0
002	Protein (%)	0650	50.185	0.15000	49.363	0.75073	0.60643	58	1.09	002.06	0
002	Protein (%)	0840	50.195	1.1700	49.363	0.75073	0.60643	58	1.11	002.06	0
002	Protein (%)	0957	50.280	0.76000	49.363	0.75073	0.60643	58	1.22	002.06	0
002	Protein (%)	0794	50.430	0.52000	49.363	0.75073	0.60643	58	1.42	002.06	0
002	Protein (%)	0065	50.587	0.50900	49.363	0.75073	0.60643	58	1.63	002.06	0
002	Protein (%)	0051	51.050	0.10000	49.363	0.75073	0.60643	58	2.25	002.11	0
002	Protein (%)	0034	52.737	0.24100	49.363	0.75073	0.60643	58	4.49	002.06	0
002	Protein (%)	0964	34.353	29.299	49.363	0.75073	0.60643	58	-19.99	002.06	2

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003	Fat (%)	0033	9.8000	0.22000	11.575	0.28683	0.17980	23	-6.19	003.13	0
003	Fat (%)	0504	10.300	0.28000	11.575	0.28683	0.17980	23	-4.45	003.01	0
003	Fat (%)	0051	10.950	0.10000	11.575	0.28683	0.17980	23	-2.18	003.11	0
003	Fat (%)	0208	11.150	0.10000	11.575	0.28683	0.17980	23	-1.48	003.13	0
003	Fat (%)	0553	11.260	0.24000	11.575	0.28683	0.17980	23	-1.10	003.10	0
003	Fat (%)	0202	11.270	0.08000	11.575	0.28683	0.17980	23	-1.06	003.14	0
003	Fat (%)	0047	11.430	0.02000	11.575	0.28683	0.17980	23	-0.51	003.99	0
003	Fat (%)	0003	11.470	0.64000	11.575	0.28683	0.17980	23	-0.37	003.14	0
003	Fat (%)	0098	11.480	0.06000	11.575	0.28683	0.17980	23	-0.33	003.10	0
003	Fat (%)	0098	11.490	0.00000	11.575	0.28683	0.17980	23	-0.30	003.13	0
003	Fat (%)	0876	11.570	0.24000	11.575	0.28683	0.17980	23	-0.02	003.99	0
003	Fat (%)	0098	11.595	0.07000	11.575	0.28683	0.17980	23	0.07	003.09	0
003	Fat (%)	0870	11.626	0.01380	11.575	0.28683	0.17980	23	0.18	003.10	0
003	Fat (%)	0034	11.685	0.25000	11.575	0.28683	0.17980	23	0.38	003.14	0
003	Fat (%)	0027	11.705	0.11000	11.575	0.28683	0.17980	23	0.45	003.09	0
003	Fat (%)	0309	11.723	0.39870	11.575	0.28683	0.17980	23	0.52	003.00	0
003	Fat (%)	2089	11.725	0.09000	11.575	0.28683	0.17980	23	0.52	003.09	0
003	Fat (%)	2023	11.735	0.13000	11.575	0.28683	0.17980	23	0.56	003.14	0
003	Fat (%)	0171	11.795	0.09000	11.575	0.28683	0.17980	23	0.77	003.12	0
003	Fat (%)	0407	11.867	0.12280	11.575	0.28683	0.17980	23	1.02	003.14	0
003	Fat (%)	0511	12.225	0.25000	11.575	0.28683	0.17980	23	2.27	003.06	0
003	Fat (%)	2036	12.505	0.09000	11.575	0.28683	0.17980	23	3.24	003.11	0
003	Fat (%)	0914	13.590	0.54000	11.575	0.28683	0.17980	23	7.03	003.99	0
003	Fat (%)	0074	12.260	1.2200	11.575	0.28683	0.17980	23	2.39	003.06	1
004	Fiber (%)	0553	1.3050	0.33000	2.0768	0.56015	0.16329	23	-1.38	004.07	0
004	Fiber (%)	0969	1.3050	0.11000	2.0768	0.56015	0.16329	23	-1.38	004.00	0
004	Fiber (%)	2094	1.3550	0.43000	2.0768	0.56015	0.16329	23	-1.29	004.00	0
004	Fiber (%)	2036	1.5800	0.04000	2.0768	0.56015	0.16329	23	-0.89	004.11	0
004	Fiber (%)	0876	1.6300	0.32000	2.0768	0.56015	0.16329	23	-0.80	004.00	0
004	Fiber (%)	0098	1.7300	0.08000	2.0768	0.56015	0.16329	23	-0.62	004.06	0
004	Fiber (%)	2004	1.7400	0.06000	2.0768	0.56015	0.16329	23	-0.60	004.00	0
004	Fiber (%)	0042	1.8550	0.37000	2.0768	0.56015	0.16329	23	-0.40	004.07	0
004	Fiber (%)	0074	1.9150	0.35000	2.0768	0.56015	0.16329	23	-0.29	004.07	0
004	Fiber (%)	0027	1.9350	0.03000	2.0768	0.56015	0.16329	23	-0.25	004.06	0
004	Fiber (%)	0208	1.9450	0.01000	2.0768	0.56015	0.16329	23	-0.24	004.00	0
004	Fiber (%)	0309	1.9457	0.06450	2.0768	0.56015	0.16329	23	-0.23	004.00	0
004	Fiber (%)	0511	2.0000	0.00000	2.0768	0.56015	0.16329	23	-0.14	004.00	0
004	Fiber (%)	2023	2.0750	0.01000	2.0768	0.56015	0.16329	23	0.00	004.00	0
004	Fiber (%)	0003	2.1750	0.37000	2.0768	0.56015	0.16329	23	0.18	004.07	0
004	Fiber (%)	0033	2.4000	0.16000	2.0768	0.56015	0.16329	23	0.58	004.07	0
004	Fiber (%)	0510	2.5500	0.30000	2.0768	0.56015	0.16329	23	0.84	004.07	0
004	Fiber (%)	0870	2.6439	0.09780	2.0768	0.56015	0.16329	23	1.01	004.07	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004	Fiber (%)	0407	2.6849	0.11340	2.0768	0.56015	0.16329	23	1.09	004.07	0
004	Fiber (%)	0202	2.7200	0.02000	2.0768	0.56015	0.16329	23	1.15	004.07	0
004	Fiber (%)	0171	2.8200	0.02000	2.0768	0.56015	0.16329	23	1.33	004.00	0
004	Fiber (%)	0098	2.8350	0.07000	2.0768	0.56015	0.16329	23	1.35	004.07	0
004	Fiber (%)	0034	4.5000	0.40000	2.0768	0.56015	0.16329	23	4.33	004.07	0
005	Ash (%)	0970	20.900	0.00000	22.966	0.55792	0.43416	45	-3.70	005.99	0
005	Ash (%)	0811	21.955	0.39000	22.966	0.55792	0.43416	45	-1.81	005.00	0
005	Ash (%)	0650	22.110	0.32000	22.966	0.55792	0.43416	45	-1.53	005.00	0
005	Ash (%)	1010	22.140	0.08000	22.966	0.55792	0.43416	45	-1.48	005.00	0
005	Ash (%)	0840	22.225	0.13000	22.966	0.55792	0.43416	45	-1.33	005.00	0
005	Ash (%)	0957	22.270	0.38000	22.966	0.55792	0.43416	45	-1.25	005.00	0
005	Ash (%)	0960	22.330	0.16000	22.966	0.55792	0.43416	45	-1.14	005.00	0
005	Ash (%)	0027	22.465	0.69000	22.966	0.55792	0.43416	45	-0.90	005.00	0
005	Ash (%)	2094	22.480	0.46000	22.966	0.55792	0.43416	45	-0.87	005.99	0
005	Ash (%)	2004	22.500	0.80000	22.966	0.55792	0.43416	45	-0.84	005.99	0
005	Ash (%)	0959	22.510	0.72000	22.966	0.55792	0.43416	45	-0.82	005.00	0
005	Ash (%)	0407	22.555	0.67610	22.966	0.55792	0.43416	45	-0.74	005.00	0
005	Ash (%)	0808	22.610	0.22000	22.966	0.55792	0.43416	45	-0.64	005.00	0
005	Ash (%)	0870	22.648	1.2548	22.966	0.55792	0.43416	45	-0.57	005.00	0
005	Ash (%)	0841	22.655	0.05000	22.966	0.55792	0.43416	45	-0.56	005.00	0
005	Ash (%)	0003	22.670	0.66000	22.966	0.55792	0.43416	45	-0.53	005.05	0
005	Ash (%)	0964	22.755	0.17000	22.966	0.55792	0.43416	45	-0.38	005.00	0
005	Ash (%)	0098	22.810	0.28000	22.966	0.55792	0.43416	45	-0.28	005.00	0
005	Ash (%)	0842	22.830	0.16000	22.966	0.55792	0.43416	45	-0.24	005.00	0
005	Ash (%)	0015	22.865	0.79000	22.966	0.55792	0.43416	45	-0.18	005.00	0
005	Ash (%)	0810	22.865	0.05000	22.966	0.55792	0.43416	45	-0.18	005.00	0
005	Ash (%)	0051	23.050	0.30000	22.966	0.55792	0.43416	45	0.15	005.11	0
005	Ash (%)	0042	23.070	1.0200	22.966	0.55792	0.43416	45	0.19	005.00	0
005	Ash (%)	0171	23.090	0.06000	22.966	0.55792	0.43416	45	0.22	005.00	0
005	Ash (%)	0033	23.100	0.00000	22.966	0.55792	0.43416	45	0.24	005.00	0
005	Ash (%)	0309	23.111	0.08400	22.966	0.55792	0.43416	45	0.26	005.00	0
005	Ash (%)	0202	23.135	0.27000	22.966	0.55792	0.43416	45	0.30	005.99	0
005	Ash (%)	0958	23.160	1.4400	22.966	0.55792	0.43416	45	0.35	005.00	0
005	Ash (%)	0034	23.195	0.65000	22.966	0.55792	0.43416	45	0.41	005.00	0
005	Ash (%)	0961	23.230	0.34000	22.966	0.55792	0.43416	45	0.47	005.00	0
005	Ash (%)	0065	23.231	0.02750	22.966	0.55792	0.43416	45	0.48	005.05	0
005	Ash (%)	0033	23.300	0.00000	22.966	0.55792	0.43416	45	0.60	005.05	0
005	Ash (%)	0164	23.330	0.60000	22.966	0.55792	0.43416	45	0.65	005.00	0
005	Ash (%)	0417	23.355	0.41000	22.966	0.55792	0.43416	45	0.70	005.00	0
005	Ash (%)	0001	23.396	0.18490	22.966	0.55792	0.43416	45	0.77	005.00	0
005	Ash (%)	0969	23.400	0.20000	22.966	0.55792	0.43416	45	0.78	005.99	0
005	Ash (%)	0047	23.450	1.5800	22.966	0.55792	0.43416	45	0.87	005.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005	Ash (%)	0510	23.450	0.72000	22.966	0.55792	0.43416	45	0.87	005.00	0
005	Ash (%)	0511	23.480	0.10000	22.966	0.55792	0.43416	45	0.92	005.00	0
005	Ash (%)	0208	23.500	0.20000	22.966	0.55792	0.43416	45	0.96	005.00	0
005	Ash (%)	0504	23.500	0.52000	22.966	0.55792	0.43416	45	0.96	005.00	0
005	Ash (%)	2023	23.765	0.07000	22.966	0.55792	0.43416	45	1.43	005.99	0
005	Ash (%)	0553	23.855	1.2300	22.966	0.55792	0.43416	45	1.59	005.00	0
005	Ash (%)	2036	24.080	0.46000	22.966	0.55792	0.43416	45	2.00	005.11	0
005	Ash (%)	2089	24.295	0.63000	22.966	0.55792	0.43416	45	2.38	005.00	0
006	Total sugars (%)	0407	0.20000	0.08000			0.08000	1			0
008	Fiber (%)	0309	4.5881	0.16050	5.6585	0.89039	0.35739	8	-1.20	008.02	0
008	Fiber (%)	2004	5.0650	0.23000	5.6585	0.89039	0.35739	8	-0.67	008.08	0
008	Fiber (%)	0098	5.1800	0.52000	5.6585	0.89039	0.35739	8	-0.54	008.02	0
008	Fiber (%)	0504	5.3700	0.38000	5.6585	0.89039	0.35739	8	-0.32	008.02	0
008	Fiber (%)	0870	5.4119	0.26800	5.6585	0.89039	0.35739	8	-0.28	008.08	0
008	Fiber (%)	0042	6.3600	0.08000	5.6585	0.89039	0.35739	8	0.79	008.08	0
008	Fiber (%)	0407	6.9321	0.95060	5.6585	0.89039	0.35739	8	1.43	008.08	0
008	Fiber (%)	0001	7.3650	0.27000	5.6585	0.89039	0.35739	8	1.92	008.08	0
009	Fiber (%)	2004	25.500	1.6000	29.083	2.4715	1.0425	5	-1.45	009.09	0
009	Fiber (%)	0309	28.387	0.55580	29.083	2.4715	1.0425	5	-0.28	009.07	0
009	Fiber (%)	0870	29.064	1.5122	29.083	2.4715	1.0425	5	-0.01	009.09	0
009	Fiber (%)	0407	30.265	1.3044	29.083	2.4715	1.0425	5	0.48	009.09	0
009	Fiber (%)	0001	32.200	0.24000	29.083	2.4715	1.0425	5	1.26	009.09	0
010	Moisture (%)	0555	3.2500	0.10000	4.4750	0.71023	0.09000	10	-1.72	010.99	0
010	Moisture (%)	2036	3.7500	0.14000	4.4750	0.71023	0.09000	10	-1.02	010.11	0
010	Moisture (%)	0969	4.1300	0.04000	4.4750	0.71023	0.09000	10	-0.49	010.99	0
010	Moisture (%)	0970	4.3000	0.20000	4.4750	0.71023	0.09000	10	-0.25	010.99	0
010	Moisture (%)	2004	4.4550	0.07000	4.4750	0.71023	0.09000	10	-0.03	010.99	0
010	Moisture (%)	2089	4.4900	0.18000	4.4750	0.71023	0.09000	10	0.02	010.99	0
010	Moisture (%)	0553	4.5000	0.04000	4.4750	0.71023	0.09000	10	0.04	010.11	0
010	Moisture (%)	0051	5.0500	0.10000	4.4750	0.71023	0.09000	10	0.81	010.11	0
010	Moisture (%)	0164	5.1300	0.00000	4.4750	0.71023	0.09000	10	0.92	010.03	0
010	Moisture (%)	0964	7.2850	0.03000	4.4750	0.71023	0.09000	10	3.96	010.99	0
011	Loss on Drying (%)	0870	4.7165	0.02600	5.1923	0.22524	0.13355	32	-2.11	011.01	0
011	Loss on Drying (%)	0810	4.8100	0.06000	5.1923	0.22524	0.13355	32	-1.70	011.01	0
011	Loss on Drying (%)	0650	4.8750	0.15000	5.1923	0.22524	0.13355	32	-1.41	011.01	0
011	Loss on Drying (%)	0417	4.9650	0.05000	5.1923	0.22524	0.13355	32	-1.01	011.02	0
011	Loss on Drying (%)	0808	4.9800	0.06000	5.1923	0.22524	0.13355	32	-0.94	011.01	0
011	Loss on Drying (%)	0553	4.9950	0.31000	5.1923	0.22524	0.13355	32	-0.88	011.01	0
011	Loss on Drying (%)	0842	5.0150	0.03000	5.1923	0.22524	0.13355	32	-0.79	011.01	0
011	Loss on Drying (%)	0208	5.0200	0.24000	5.1923	0.22524	0.13355	32	-0.77	011.01	0
011	Loss on Drying (%)	0840	5.0400	0.08000	5.1923	0.22524	0.13355	32	-0.68	011.01	0
011	Loss on Drying (%)	0511	5.0650	0.01000	5.1923	0.22524	0.13355	32	-0.57	011.01	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011	Loss on Drying (%)	0961	5.1000	0.54000	5.1923	0.22524	0.13355	32	-0.41	011.01	0
011	Loss on Drying (%)	1010	5.1250	0.09000	5.1923	0.22524	0.13355	32	-0.30	011.01	0
011	Loss on Drying (%)	2023	5.1300	0.10000	5.1923	0.22524	0.13355	32	-0.28	011.02	0
011	Loss on Drying (%)	0407	5.1333	0.00260	5.1923	0.22524	0.13355	32	-0.26	011.01	0
011	Loss on Drying (%)	0098	5.1400	0.02000	5.1923	0.22524	0.13355	32	-0.23	011.01	0
011	Loss on Drying (%)	0164	5.1600	0.42000	5.1923	0.22524	0.13355	32	-0.14	011.01	0
011	Loss on Drying (%)	0171	5.1700	0.08000	5.1923	0.22524	0.13355	32	-0.10	011.01	0
011	Loss on Drying (%)	0841	5.1950	0.05000	5.1923	0.22524	0.13355	32	0.01	011.03	0
011	Loss on Drying (%)	0033	5.2300	0.08000	5.1923	0.22524	0.13355	32	0.17	011.01	0
011	Loss on Drying (%)	1005	5.2550	0.09000	5.1923	0.22524	0.13355	32	0.28	011.01	0
011	Loss on Drying (%)	0794	5.2600	0.06000	5.1923	0.22524	0.13355	32	0.30	011.01	0
011	Loss on Drying (%)	0790	5.2700	0.00000	5.1923	0.22524	0.13355	32	0.34	011.01	0
011	Loss on Drying (%)	0792	5.2950	0.03000	5.1923	0.22524	0.13355	32	0.46	011.01	0
011	Loss on Drying (%)	0789	5.3650	0.09000	5.1923	0.22524	0.13355	32	0.77	011.01	0
011	Loss on Drying (%)	0047	5.3800	0.08000	5.1923	0.22524	0.13355	32	0.83	011.01	0
011	Loss on Drying (%)	0957	5.4200	0.06000	5.1923	0.22524	0.13355	32	1.01	011.01	0
011	Loss on Drying (%)	0959	5.4400	0.32000	5.1923	0.22524	0.13355	32	1.10	011.01	0
011	Loss on Drying (%)	0202	5.4500	0.18000	5.1923	0.22524	0.13355	32	1.14	011.01	0
011	Loss on Drying (%)	0811	5.5400	0.02000	5.1923	0.22524	0.13355	32	1.54	011.01	0
011	Loss on Drying (%)	2083	5.5675	0.81700	5.1923	0.22524	0.13355	32	1.67	011.02	0
011	Loss on Drying (%)	0958	5.5900	0.06000	5.1923	0.22524	0.13355	32	1.77	011.01	0
011	Loss on Drying (%)	0309	5.6630	0.06800	5.1923	0.22524	0.13355	32	2.09	011.01	0
011	Loss on Drying (%)	0960	6.1150	1.2900	5.1923	0.22524	0.13355	32	4.10	011.01	1
011	Loss on Drying (%)	0510	95.300	0.00000	5.1923	0.22524	0.13355	32	400.06	011.01	2
012	Starch (%)	2023	3.3000	0.00000	4.2730	0.61181	0.41958	5	-1.59	012.00	0
012	Starch (%)	0870	4.1350	0.17790	4.2730	0.61181	0.41958	5	-0.23	012.01	0
012	Starch (%)	0407	4.3750	0.69000	4.2730	0.61181	0.41958	5	0.17	012.03	0
012	Starch (%)	0510	4.7000	0.40000	4.2730	0.61181	0.41958	5	0.70	012.04	0
012	Starch (%)	2089	4.8550	0.83000	4.2730	0.61181	0.41958	5	0.95	012.02	0
013	Fat (%)	1005	12.310	0.98000	13.269	0.31973	0.29024	38	-3.00	013.02	0
013	Fat (%)	0309	12.504	0.66790	13.269	0.31973	0.29024	38	-2.39	013.00	0
013	Fat (%)	0790	12.580	0.48000	13.269	0.31973	0.29024	38	-2.15	013.02	0
013	Fat (%)	0969	12.700	0.20000	13.269	0.31973	0.29024	38	-1.78	013.00	0
013	Fat (%)	0794	12.790	0.10000	13.269	0.31973	0.29024	38	-1.50	013.02	0
013	Fat (%)	0957	12.845	0.61000	13.269	0.31973	0.29024	38	-1.32	013.02	0
013	Fat (%)	0504	13.035	0.55000	13.269	0.31973	0.29024	38	-0.73	013.00	0
013	Fat (%)	0959	13.040	0.22000	13.269	0.31973	0.29024	38	-0.71	013.02	0
013	Fat (%)	0792	13.065	0.25000	13.269	0.31973	0.29024	38	-0.64	013.02	0
013	Fat (%)	0510	13.100	0.20000	13.269	0.31973	0.29024	38	-0.53	013.02	0
013	Fat (%)	0870	13.104	0.14320	13.269	0.31973	0.29024	38	-0.51	013.02	0
013	Fat (%)	0811	13.115	0.21000	13.269	0.31973	0.29024	38	-0.48	013.02	0
013	Fat (%)	0202	13.135	0.05000	13.269	0.31973	0.29024	38	-0.42	013.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
013	Fat (%)	0961	13.155	0.27000	13.269	0.31973	0.29024	38	-0.36	013.12	0
013	Fat (%)	0841	13.160	0.12000	13.269	0.31973	0.29024	38	-0.34	013.02	0
013	Fat (%)	0015	13.160	0.78000	13.269	0.31973	0.29024	38	-0.34	013.13	0
013	Fat (%)	0958	13.180	0.12000	13.269	0.31973	0.29024	38	-0.28	013.02	0
013	Fat (%)	2004	13.200	0.20000	13.269	0.31973	0.29024	38	-0.21	013.00	0
013	Fat (%)	0208	13.200	0.20000	13.269	0.31973	0.29024	38	-0.21	013.02	0
013	Fat (%)	0808	13.275	0.11000	13.269	0.31973	0.29024	38	0.02	013.02	0
013	Fat (%)	0098	13.300	0.02000	13.269	0.31973	0.29024	38	0.10	013.00	0
013	Fat (%)	0960	13.300	1.0200	13.269	0.31973	0.29024	38	0.10	013.02	0
013	Fat (%)	0065	13.339	0.05750	13.269	0.31973	0.29024	38	0.22	013.02	0
013	Fat (%)	0842	13.340	0.02000	13.269	0.31973	0.29024	38	0.22	013.02	0
013	Fat (%)	0789	13.350	0.10000	13.269	0.31973	0.29024	38	0.25	013.02	0
013	Fat (%)	0650	13.365	0.09000	13.269	0.31973	0.29024	38	0.30	013.02	0
013	Fat (%)	0164	13.390	0.00000	13.269	0.31973	0.29024	38	0.38	013.02	0
013	Fat (%)	0840	13.560	0.12000	13.269	0.31973	0.29024	38	0.91	013.02	0
013	Fat (%)	0511	13.580	0.24000	13.269	0.31973	0.29024	38	0.97	013.02	0
013	Fat (%)	0553	13.605	0.67000	13.269	0.31973	0.29024	38	1.05	013.02	0
013	Fat (%)	2094	13.635	0.63000	13.269	0.31973	0.29024	38	1.15	013.00	0
013	Fat (%)	0001	13.647	0.06650	13.269	0.31973	0.29024	38	1.18	013.02	0
013	Fat (%)	1010	13.713	0.11400	13.269	0.31973	0.29024	38	1.39	013.02	0
013	Fat (%)	0970	13.950	0.30000	13.269	0.31973	0.29024	38	2.13	013.00	0
013	Fat (%)	0171	13.960	0.18000	13.269	0.31973	0.29024	38	2.16	013.02	0
013	Fat (%)	2023	13.985	0.11000	13.269	0.31973	0.29024	38	2.24	013.00	0
013	Fat (%)	0810	14.030	0.04000	13.269	0.31973	0.29024	38	2.38	013.02	0
013	Fat (%)	0042	14.565	0.79000	13.269	0.31973	0.29024	38	4.05	013.13	0
015	Aluminum (mg / kg (ppm))	0171	1.4500	0.10000	15.833	17.314	2.0667	3	-0.83	015.41	0
015	Aluminum (mg / kg (ppm))	0510	11.000	2.0000	15.833	17.314	2.0667	3	-0.28	015.43	0
015	Aluminum (mg / kg (ppm))	0553	35.050	4.1000	15.833	17.314	2.0667	3	1.11	015.53	0
017	Boron (mg / kg (ppm))	0510	2.0000	0.00000			0.00000	1			0
019	Calcium (%)	0042	6.5700	0.26000	7.8099	0.45609	0.30611	32	-2.72	019.43	0
019	Calcium (%)	0970	6.8900	0.16000	7.8099	0.45609	0.30611	32	-2.02	019.44	0
019	Calcium (%)	0510	7.1450	0.11000	7.8099	0.45609	0.30611	32	-1.46	019.43	0
019	Calcium (%)	0171	7.2650	0.09000	7.8099	0.45609	0.30611	32	-1.19	019.41	0
019	Calcium (%)	0870	7.3180	0.46000	7.8099	0.45609	0.30611	32	-1.08	019.42	0
019	Calcium (%)	0014	7.4450	0.23000	7.8099	0.45609	0.30611	32	-0.80	019.31	0
019	Calcium (%)	0969	7.4450	0.69000	7.8099	0.45609	0.30611	32	-0.80	019.44	0
019	Calcium (%)	2089	7.4850	0.01000	7.8099	0.45609	0.30611	32	-0.71	019.41	0
019	Calcium (%)	0650	7.5750	0.07000	7.8099	0.45609	0.30611	32	-0.52	019.31	0
019	Calcium (%)	0098	7.6200	0.36000	7.8099	0.45609	0.30611	32	-0.42	019.41	0
019	Calcium (%)	0003	7.6250	0.57000	7.8099	0.45609	0.30611	32	-0.41	019.41	0
019	Calcium (%)	0001	7.6400	0.24000	7.8099	0.45609	0.30611	32	-0.37	019.31	0
019	Calcium (%)	0164	7.6400	0.00000	7.8099	0.45609	0.30611	32	-0.37	019.41	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019	Calcium (%)	0553	7.6850	0.89000	7.8099	0.45609	0.30611	32	-0.27	019.41	0
019	Calcium (%)	2004	7.7600	0.22000	7.8099	0.45609	0.30611	32	-0.11	019.44	0
019	Calcium (%)	0504	7.7870	0.37600	7.8099	0.45609	0.30611	32	-0.05	019.33	0
019	Calcium (%)	0555	7.8038	0.60500	7.8099	0.45609	0.30611	32	-0.01	019.42	0
019	Calcium (%)	0208	7.8650	0.03000	7.8099	0.45609	0.30611	32	0.12	019.31	0
019	Calcium (%)	0033	7.8700	0.34000	7.8099	0.45609	0.30611	32	0.13	019.43	0
019	Calcium (%)	0074	7.9100	0.16000	7.8099	0.45609	0.30611	32	0.22	019.41	0
019	Calcium (%)	0511	7.9450	0.37000	7.8099	0.45609	0.30611	32	0.30	019.41	0
019	Calcium (%)	0098	7.9700	0.38000	7.8099	0.45609	0.30611	32	0.35	019.43	0
019	Calcium (%)	0512	7.9745	0.47300	7.8099	0.45609	0.30611	32	0.36	019.41	0
019	Calcium (%)	0202	8.0700	0.14000	7.8099	0.45609	0.30611	32	0.57	019.42	0
019	Calcium (%)	2094	8.1000	0.64000	7.8099	0.45609	0.30611	32	0.64	019.43	0
019	Calcium (%)	0407	8.1282	0.08690	7.8099	0.45609	0.30611	32	0.70	019.41	0
019	Calcium (%)	2023	8.3650	0.33000	7.8099	0.45609	0.30611	32	1.22	019.44	0
019	Calcium (%)	0065	8.4143	0.15550	7.8099	0.45609	0.30611	32	1.33	019.44	0
019	Calcium (%)	0027	8.4470	0.42000	7.8099	0.45609	0.30611	32	1.40	019.43	0
019	Calcium (%)	0504	8.4855	0.33300	7.8099	0.45609	0.30611	32	1.48	019.32	0
019	Calcium (%)	0964	8.5156	0.28710	7.8099	0.45609	0.30611	32	1.55	019.43	0
019	Calcium (%)	0504	8.7735	0.30900	7.8099	0.45609	0.30611	32	2.11	019.42	0
019	Calcium (%)	0034	7.7360	1.5100	7.8099	0.45609	0.30611	32	-0.16	019.53	1
021	Cobalt (mg / kg (ppm))	0553	0.07985	0.01110	0.13453	0.06857	0.00906	5	-0.80	021.53	0
021	Cobalt (mg / kg (ppm))	0555	0.08650	0.00300	0.13453	0.06857	0.00906	5	-0.70	021.52	0
021	Cobalt (mg / kg (ppm))	0964	0.12130	0.02120	0.13453	0.06857	0.00906	5	-0.19	021.43	0
021	Cobalt (mg / kg (ppm))	0510	0.13500	0.01000	0.13453	0.06857	0.00906	5	0.01	021.43	0
021	Cobalt (mg / kg (ppm))	0171	0.25000	0.00000	0.13453	0.06857	0.00906	5	1.68	021.41	0
022	Copper (mg / kg (ppm))	0003	18.000	0.00000	24.420	2.5375	0.88397	27	-2.53	022.41	0
022	Copper (mg / kg (ppm))	0504	19.965	1.2900	24.420	2.5375	0.88397	27	-1.76	022.33	0
022	Copper (mg / kg (ppm))	0098	20.870	0.02000	24.420	2.5375	0.88397	27	-1.40	022.41	0
022	Copper (mg / kg (ppm))	0511	21.500	1.0000	24.420	2.5375	0.88397	27	-1.15	022.41	0
022	Copper (mg / kg (ppm))	0001	21.920	0.04000	24.420	2.5375	0.88397	27	-0.99	022.31	0
022	Copper (mg / kg (ppm))	0510	22.000	0.00000	24.420	2.5375	0.88397	27	-0.95	022.43	0
022	Copper (mg / kg (ppm))	0553	22.500	0.20000	24.420	2.5375	0.88397	27	-0.76	022.41	0
022	Copper (mg / kg (ppm))	0969	23.300	0.60000	24.420	2.5375	0.88397	27	-0.44	022.44	0
022	Copper (mg / kg (ppm))	2023	23.350	0.90000	24.420	2.5375	0.88397	27	-0.42	022.53	0
022	Copper (mg / kg (ppm))	2004	23.550	0.30000	24.420	2.5375	0.88397	27	-0.34	022.44	0
022	Copper (mg / kg (ppm))	0098	23.895	2.1500	24.420	2.5375	0.88397	27	-0.21	022.43	0
022	Copper (mg / kg (ppm))	0033	23.900	0.20000	24.420	2.5375	0.88397	27	-0.21	022.43	0
022	Copper (mg / kg (ppm))	2089	24.135	0.69000	24.420	2.5375	0.88397	27	-0.11	022.41	0
022	Copper (mg / kg (ppm))	0407	24.418	0.56720	24.420	2.5375	0.88397	27	0.00	022.41	0
022	Copper (mg / kg (ppm))	0074	25.000	0.00000	24.420	2.5375	0.88397	27	0.23	022.41	0
022	Copper (mg / kg (ppm))	0870	25.160	1.3200	24.420	2.5375	0.88397	27	0.29	022.42	0
022	Copper (mg / kg (ppm))	0555	25.500	1.0000	24.420	2.5375	0.88397	27	0.43	022.52	0



Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022	Copper (mg / kg (ppm))	0555	25.580	1.2400	24.420	2.5375	0.88397	27	0.46	022.42	0
022	Copper (mg / kg (ppm))	0042	25.650	0.70000	24.420	2.5375	0.88397	27	0.48	022.43	0
022	Copper (mg / kg (ppm))	0027	26.425	1.1100	24.420	2.5375	0.88397	27	0.79	022.43	0
022	Copper (mg / kg (ppm))	0171	26.450	0.30000	24.420	2.5375	0.88397	27	0.80	022.41	0
022	Copper (mg / kg (ppm))	0512	26.475	3.7700	24.420	2.5375	0.88397	27	0.81	022.41	0
022	Copper (mg / kg (ppm))	0964	26.575	0.07000	24.420	2.5375	0.88397	27	0.85	022.43	0
022	Copper (mg / kg (ppm))	0970	27.050	0.90000	24.420	2.5375	0.88397	27	1.04	022.44	0
022	Copper (mg / kg (ppm))	0034	27.195	0.53000	24.420	2.5375	0.88397	27	1.09	022.33	0
022	Copper (mg / kg (ppm))	0164	27.500	3.0000	24.420	2.5375	0.88397	27	1.21	022.41	0
022	Copper (mg / kg (ppm))	0202	32.025	1.9700	24.420	2.5375	0.88397	27	3.00	022.42	0
022	Copper (mg / kg (ppm))	0504	31.785	13.050	24.420	2.5375	0.88397	27	2.90	022.32	1
024	Iodine (mg / kg (ppm))	0969	1.7450	0.21000	1.9367	0.17567	0.10667	3	-1.09	024.99	0
024	Iodine (mg / kg (ppm))	0970	1.9750	0.01000	1.9367	0.17567	0.10667	3	0.22	024.99	0
024	Iodine (mg / kg (ppm))	2004	2.0900	0.10000	1.9367	0.17567	0.10667	3	0.87	024.99	0
025	Iron (mg / kg (ppm))	2023	213.00	6.0000	247.03	17.059	17.137	28	-1.99	025.43	0
025	Iron (mg / kg (ppm))	0870	215.60	12.200	247.03	17.059	17.137	28	-1.84	025.42	0
025	Iron (mg / kg (ppm))	0510	219.00	2.0000	247.03	17.059	17.137	28	-1.64	025.43	0
025	Iron (mg / kg (ppm))	0034	222.70	2.4000	247.03	17.059	17.137	28	-1.43	025.53	0
025	Iron (mg / kg (ppm))	2089	224.34	2.0400	247.03	17.059	17.137	28	-1.33	025.41	0
025	Iron (mg / kg (ppm))	0407	235.21	6.1000	247.03	17.059	17.137	28	-0.69	025.41	0
025	Iron (mg / kg (ppm))	2004	236.50	5.0000	247.03	17.059	17.137	28	-0.62	025.41	0
025	Iron (mg / kg (ppm))	0014	237.50	19.000	247.03	17.059	17.137	28	-0.56	025.31	0
025	Iron (mg / kg (ppm))	0511	237.50	21.000	247.03	17.059	17.137	28	-0.56	025.41	0
025	Iron (mg / kg (ppm))	0003	238.00	28.000	247.03	17.059	17.137	28	-0.53	025.41	0
025	Iron (mg / kg (ppm))	0504	245.85	8.9000	247.03	17.059	17.137	28	-0.07	025.32	0
025	Iron (mg / kg (ppm))	0042	246.50	3.0000	247.03	17.059	17.137	28	-0.03	025.43	0
025	Iron (mg / kg (ppm))	0171	247.50	7.0000	247.03	17.059	17.137	28	0.03	025.41	0
025	Iron (mg / kg (ppm))	0098	248.05	12.500	247.03	17.059	17.137	28	0.06	025.41	0
025	Iron (mg / kg (ppm))	0164	249.50	3.0000	247.03	17.059	17.137	28	0.14	025.41	0
025	Iron (mg / kg (ppm))	0969	250.50	57.000	247.03	17.059	17.137	28	0.20	025.41	0
025	Iron (mg / kg (ppm))	0964	251.15	16.570	247.03	17.059	17.137	28	0.24	025.43	0
025	Iron (mg / kg (ppm))	0027	251.96	2.9300	247.03	17.059	17.137	28	0.29	025.43	0
025	Iron (mg / kg (ppm))	0553	253.00	34.000	247.03	17.059	17.137	28	0.35	025.41	0
025	Iron (mg / kg (ppm))	0504	253.95	31.100	247.03	17.059	17.137	28	0.41	025.33	0
025	Iron (mg / kg (ppm))	0074	254.50	3.0000	247.03	17.059	17.137	28	0.44	025.41	0
025	Iron (mg / kg (ppm))	0033	254.50	31.000	247.03	17.059	17.137	28	0.44	025.43	0
025	Iron (mg / kg (ppm))	0555	263.35	51.700	247.03	17.059	17.137	28	0.96	025.42	0
025	Iron (mg / kg (ppm))	0001	263.95	25.700	247.03	17.059	17.137	28	0.99	025.31	0
025	Iron (mg / kg (ppm))	0555	265.00	50.000	247.03	17.059	17.137	28	1.05	025.52	0
025	Iron (mg / kg (ppm))	0970	268.50	7.0000	247.03	17.059	17.137	28	1.26	025.41	0
025	Iron (mg / kg (ppm))	0098	273.60	21.400	247.03	17.059	17.137	28	1.56	025.43	0
025	Iron (mg / kg (ppm))	0512	275.85	10.300	247.03	17.059	17.137	28	1.69	025.41	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027	Magnesium (%)	0510	0.19500	0.01000	0.23921	0.01543	0.01001	30	-2.87	027.43	0
027	Magnesium (%)	0504	0.21430	0.00340	0.23921	0.01543	0.01001	30	-1.61	027.33	0
027	Magnesium (%)	0970	0.22000	0.01000	0.23921	0.01543	0.01001	30	-1.25	027.44	0
027	Magnesium (%)	2004	0.22150	0.00500	0.23921	0.01543	0.01001	30	-1.15	027.44	0
027	Magnesium (%)	0969	0.22450	0.01100	0.23921	0.01543	0.01001	30	-0.95	027.44	0
027	Magnesium (%)	0001	0.22630	0.00000	0.23921	0.01543	0.01001	30	-0.84	027.31	0
027	Magnesium (%)	0042	0.22700	0.00600	0.23921	0.01543	0.01001	30	-0.79	027.43	0
027	Magnesium (%)	0034	0.22815	0.00850	0.23921	0.01543	0.01001	30	-0.72	027.53	0
027	Magnesium (%)	2023	0.23250	0.00900	0.23921	0.01543	0.01001	30	-0.44	027.44	0
027	Magnesium (%)	0870	0.23305	0.01330	0.23921	0.01543	0.01001	30	-0.40	027.42	0
027	Magnesium (%)	0164	0.23350	0.00300	0.23921	0.01543	0.01001	30	-0.37	027.41	0
027	Magnesium (%)	0003	0.23500	0.03000	0.23921	0.01543	0.01001	30	-0.27	027.41	0
027	Magnesium (%)	0171	0.23600	0.00200	0.23921	0.01543	0.01001	30	-0.21	027.41	0
027	Magnesium (%)	0014	0.23650	0.00500	0.23921	0.01543	0.01001	30	-0.18	027.31	0
027	Magnesium (%)	0553	0.23650	0.02300	0.23921	0.01543	0.01001	30	-0.18	027.41	0
027	Magnesium (%)	0504	0.23860	0.00540	0.23921	0.01543	0.01001	30	-0.04	027.32	0
027	Magnesium (%)	0098	0.24000	0.02000	0.23921	0.01543	0.01001	30	0.05	027.41	0
027	Magnesium (%)	2089	0.24000	0.00000	0.23921	0.01543	0.01001	30	0.05	027.41	0
027	Magnesium (%)	0650	0.24230	0.00300	0.23921	0.01543	0.01001	30	0.20	027.31	0
027	Magnesium (%)	0033	0.24500	0.01000	0.23921	0.01543	0.01001	30	0.38	027.43	0
027	Magnesium (%)	0208	0.24550	0.00700	0.23921	0.01543	0.01001	30	0.41	027.31	0
027	Magnesium (%)	0027	0.24550	0.02100	0.23921	0.01543	0.01001	30	0.41	027.43	0
027	Magnesium (%)	0512	0.24890	0.00320	0.23921	0.01543	0.01001	30	0.63	027.41	0
027	Magnesium (%)	0407	0.25425	0.00690	0.23921	0.01543	0.01001	30	0.97	027.41	0
027	Magnesium (%)	0074	0.25500	0.01000	0.23921	0.01543	0.01001	30	1.02	027.41	0
027	Magnesium (%)	0511	0.26000	0.02000	0.23921	0.01543	0.01001	30	1.35	027.41	0
027	Magnesium (%)	0964	0.26485	0.00650	0.23921	0.01543	0.01001	30	1.66	027.43	0
027	Magnesium (%)	0098	0.26500	0.03000	0.23921	0.01543	0.01001	30	1.67	027.43	0
027	Magnesium (%)	0065	0.27000	0.00800	0.23921	0.01543	0.01001	30	2.00	027.44	0
027	Magnesium (%)	0202	0.27500	0.01000	0.23921	0.01543	0.01001	30	2.32	027.42	0
027	Magnesium (%)	0555	0.26425	0.04570	0.23921	0.01543	0.01001	30	1.62	027.42	1
028	Manganese (mg / kg (ppm))	0870	14.525	0.89000	19.133	2.7898	1.0692	26	-1.65	028.42	0
028	Manganese (mg / kg (ppm))	0510	15.000	0.00000	19.133	2.7898	1.0692	26	-1.48	028.43	0
028	Manganese (mg / kg (ppm))	0033	15.300	2.2000	19.133	2.7898	1.0692	26	-1.37	028.43	0
028	Manganese (mg / kg (ppm))	2023	15.650	1.1000	19.133	2.7898	1.0692	26	-1.25	028.44	0
028	Manganese (mg / kg (ppm))	0164	16.000	0.00000	19.133	2.7898	1.0692	26	-1.12	028.41	0
028	Manganese (mg / kg (ppm))	0511	17.000	0.00000	19.133	2.7898	1.0692	26	-0.76	028.41	0
028	Manganese (mg / kg (ppm))	0969	17.250	0.30000	19.133	2.7898	1.0692	26	-0.67	028.44	0
028	Manganese (mg / kg (ppm))	2004	18.000	0.00000	19.133	2.7898	1.0692	26	-0.41	028.44	0
028	Manganese (mg / kg (ppm))	0074	18.500	1.0000	19.133	2.7898	1.0692	26	-0.23	028.41	0
028	Manganese (mg / kg (ppm))	0553	18.750	0.30000	19.133	2.7898	1.0692	26	-0.14	028.41	0
028	Manganese (mg / kg (ppm))	0504	18.880	2.4600	19.133	2.7898	1.0692	26	-0.09	028.33	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028	Manganese (mg / kg (ppm))	0407	18.921	0.77810	19.133	2.7898	1.0692	26	-0.08	028.41	0
028	Manganese (mg / kg (ppm))	0512	18.925	1.2100	19.133	2.7898	1.0692	26	-0.07	028.41	0
028	Manganese (mg / kg (ppm))	0003	19.000	0.00000	19.133	2.7898	1.0692	26	-0.05	028.41	0
028	Manganese (mg / kg (ppm))	2089	19.560	0.04000	19.133	2.7898	1.0692	26	0.15	028.41	0
028	Manganese (mg / kg (ppm))	0027	19.670	0.92000	19.133	2.7898	1.0692	26	0.19	028.43	0
028	Manganese (mg / kg (ppm))	0970	20.250	0.70000	19.133	2.7898	1.0692	26	0.40	028.44	0
028	Manganese (mg / kg (ppm))	0098	20.365	1.0300	19.133	2.7898	1.0692	26	0.44	028.41	0
028	Manganese (mg / kg (ppm))	0504	20.430	0.32000	19.133	2.7898	1.0692	26	0.46	028.32	0
028	Manganese (mg / kg (ppm))	0555	20.690	3.0600	19.133	2.7898	1.0692	26	0.56	028.42	0
028	Manganese (mg / kg (ppm))	0964	20.690	2.1000	19.133	2.7898	1.0692	26	0.56	028.43	0
028	Manganese (mg / kg (ppm))	0555	22.200	3.6000	19.133	2.7898	1.0692	26	1.10	028.52	0
028	Manganese (mg / kg (ppm))	0001	23.055	3.3500	19.133	2.7898	1.0692	26	1.41	028.31	0
028	Manganese (mg / kg (ppm))	0202	24.510	1.0400	19.133	2.7898	1.0692	26	1.93	028.42	0
028	Manganese (mg / kg (ppm))	0042	27.600	0.80000	19.133	2.7898	1.0692	26	3.03	028.43	0
028	Manganese (mg / kg (ppm))	0171	33.700	0.60000	19.133	2.7898	1.0692	26	5.22	028.41	0
028	Manganese (mg / kg (ppm))	0098	19.905	5.0900	19.133	2.7898	1.0692	26	0.28	028.43	1
031	Phosphorus (%)	0003	2.8800	0.18000	3.9939	0.31014	0.18059	34	-3.59	031.41	0
031	Phosphorus (%)	0047	3.4000	0.36000	3.9939	0.31014	0.18059	34	-1.91	031.03	0
031	Phosphorus (%)	0042	3.5600	0.10000	3.9939	0.31014	0.18059	34	-1.40	031.43	0
031	Phosphorus (%)	0510	3.5750	0.03000	3.9939	0.31014	0.18059	34	-1.35	031.43	0
031	Phosphorus (%)	0171	3.6750	0.03000	3.9939	0.31014	0.18059	34	-1.03	031.41	0
031	Phosphorus (%)	0970	3.6950	0.15000	3.9939	0.31014	0.18059	34	-0.96	031.44	0
031	Phosphorus (%)	2023	3.7600	0.46000	3.9939	0.31014	0.18059	34	-0.75	031.44	0
031	Phosphorus (%)	0969	3.7750	0.37000	3.9939	0.31014	0.18059	34	-0.71	031.44	0
031	Phosphorus (%)	0650	3.8100	0.04000	3.9939	0.31014	0.18059	34	-0.59	031.01	0
031	Phosphorus (%)	0013	3.8400	0.30000	3.9939	0.31014	0.18059	34	-0.50	031.02	0
031	Phosphorus (%)	0870	3.8480	0.24600	3.9939	0.31014	0.18059	34	-0.47	031.42	0
031	Phosphorus (%)	2089	3.8550	0.01000	3.9939	0.31014	0.18059	34	-0.45	031.41	0
031	Phosphorus (%)	0074	3.8750	0.23000	3.9939	0.31014	0.18059	34	-0.38	031.41	0
031	Phosphorus (%)	0098	3.8800	0.03000	3.9939	0.31014	0.18059	34	-0.37	031.41	0
031	Phosphorus (%)	2004	3.9000	0.00000	3.9939	0.31014	0.18059	34	-0.30	031.44	0
031	Phosphorus (%)	0511	3.9600	0.04000	3.9939	0.31014	0.18059	34	-0.11	031.01	0
031	Phosphorus (%)	0098	3.9620	0.45800	3.9939	0.31014	0.18059	34	-0.10	031.43	0
031	Phosphorus (%)	0001	3.9860	0.08800	3.9939	0.31014	0.18059	34	-0.03	031.03	0
031	Phosphorus (%)	0034	3.9950	0.60800	3.9939	0.31014	0.18059	34	0.00	031.53	0
031	Phosphorus (%)	0164	4.0100	0.06000	3.9939	0.31014	0.18059	34	0.05	031.41	0
031	Phosphorus (%)	0553	4.0400	0.36000	3.9939	0.31014	0.18059	34	0.15	031.41	0
031	Phosphorus (%)	0504	4.0950	0.13000	3.9939	0.31014	0.18059	34	0.33	031.03	0
031	Phosphorus (%)	0208	4.1650	0.03000	3.9939	0.31014	0.18059	34	0.55	031.01	0
031	Phosphorus (%)	0512	4.1750	0.15800	3.9939	0.31014	0.18059	34	0.58	031.41	0
031	Phosphorus (%)	0504	4.2425	0.32700	3.9939	0.31014	0.18059	34	0.80	031.42	0
031	Phosphorus (%)	0014	4.2800	0.10000	3.9939	0.31014	0.18059	34	0.92	031.42	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031	Phosphorus (%)	0065	4.2843	0.18050	3.9939	0.31014	0.18059	34	0.94	031.44	0
031	Phosphorus (%)	0202	4.3000	0.16000	3.9939	0.31014	0.18059	34	0.99	031.42	0
031	Phosphorus (%)	0555	4.3094	0.14330	3.9939	0.31014	0.18059	34	1.02	031.42	0
031	Phosphorus (%)	0033	4.3100	0.20000	3.9939	0.31014	0.18059	34	1.02	031.43	0
031	Phosphorus (%)	0964	4.3288	0.14000	3.9939	0.31014	0.18059	34	1.08	031.43	0
031	Phosphorus (%)	0027	4.3730	0.25000	3.9939	0.31014	0.18059	34	1.22	031.43	0
031	Phosphorus (%)	0407	4.4750	0.03110	3.9939	0.31014	0.18059	34	1.55	031.41	0
031	Phosphorus (%)	2094	4.7100	0.14000	3.9939	0.31014	0.18059	34	2.31	031.43	0
032	Potassium (%)	0202	0.47500	0.01000	0.55040	0.03202	0.01565	29	-2.36	032.42	0
032	Potassium (%)	0047	0.50000	0.02000	0.55040	0.03202	0.01565	29	-1.57	032.02	0
032	Potassium (%)	0098	0.51000	0.00000	0.55040	0.03202	0.01565	29	-1.26	032.43	0
032	Potassium (%)	2023	0.51100	0.02400	0.55040	0.03202	0.01565	29	-1.23	032.44	0
032	Potassium (%)	0003	0.51500	0.01000	0.55040	0.03202	0.01565	29	-1.11	032.41	0
032	Potassium (%)	0014	0.52050	0.04700	0.55040	0.03202	0.01565	29	-0.93	032.31	0
032	Potassium (%)	0171	0.52100	0.00600	0.55040	0.03202	0.01565	29	-0.92	032.41	0
032	Potassium (%)	0001	0.53300	0.00600	0.55040	0.03202	0.01565	29	-0.54	032.99	0
032	Potassium (%)	0870	0.53335	0.02650	0.55040	0.03202	0.01565	29	-0.53	032.42	0
032	Potassium (%)	0407	0.53865	0.01190	0.55040	0.03202	0.01565	29	-0.37	032.41	0
032	Potassium (%)	0164	0.54000	0.00000	0.55040	0.03202	0.01565	29	-0.32	032.41	0
032	Potassium (%)	2004	0.54250	0.00700	0.55040	0.03202	0.01565	29	-0.25	032.44	0
032	Potassium (%)	0033	0.54500	0.03000	0.55040	0.03202	0.01565	29	-0.17	032.43	0
032	Potassium (%)	0042	0.54700	0.03200	0.55040	0.03202	0.01565	29	-0.11	032.43	0
032	Potassium (%)	0969	0.55050	0.00100	0.55040	0.03202	0.01565	29	0.00	032.44	0
032	Potassium (%)	0034	0.55350	0.02140	0.55040	0.03202	0.01565	29	0.10	032.53	0
032	Potassium (%)	0512	0.55645	0.00810	0.55040	0.03202	0.01565	29	0.19	032.41	0
032	Potassium (%)	0504	0.55800	0.02000	0.55040	0.03202	0.01565	29	0.24	032.42	0
032	Potassium (%)	0511	0.56000	0.02000	0.55040	0.03202	0.01565	29	0.30	032.41	0
032	Potassium (%)	0510	0.56000	0.00000	0.55040	0.03202	0.01565	29	0.30	032.43	0
032	Potassium (%)	0650	0.56500	0.03000	0.55040	0.03202	0.01565	29	0.46	032.31	0
032	Potassium (%)	2089	0.57000	0.00000	0.55040	0.03202	0.01565	29	0.61	032.41	0
032	Potassium (%)	0555	0.57255	0.01830	0.55040	0.03202	0.01565	29	0.69	032.42	0
032	Potassium (%)	0098	0.57500	0.05000	0.55040	0.03202	0.01565	29	0.77	032.41	0
032	Potassium (%)	0027	0.59450	0.00700	0.55040	0.03202	0.01565	29	1.38	032.43	0
032	Potassium (%)	0074	0.60000	0.02000	0.55040	0.03202	0.01565	29	1.55	032.41	0
032	Potassium (%)	0970	0.60150	0.02100	0.55040	0.03202	0.01565	29	1.60	032.44	0
032	Potassium (%)	0065	0.61775	0.00650	0.55040	0.03202	0.01565	29	2.10	032.44	0
032	Potassium (%)	0964	0.64385	0.00010	0.55040	0.03202	0.01565	29	2.92	032.43	0
032	Potassium (%)	0553	0.56250	0.07900	0.55040	0.03202	0.01565	29	0.38	032.41	1
033	Salt as chloride (%)	0171	0.43500	0.03000	0.60720	0.06242	0.01750	9	-2.76	033.99	0
033	Salt as chloride (%)	0504	0.55000	0.02000	0.60720	0.06242	0.01750	9	-0.92	033.00	0
033	Salt as chloride (%)	0407	0.55450	0.00100	0.60720	0.06242	0.01750	9	-0.84	033.01	0
033	Salt as chloride (%)	0309	0.60425	0.03650	0.60720	0.06242	0.01750	9	-0.05	033.99	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033	Salt as chloride (%)	0098	0.61000	0.00000	0.60720	0.06242	0.01750	9	0.04	033.01	0
033	Salt as chloride (%)	0164	0.64500	0.01000	0.60720	0.06242	0.01750	9	0.61	033.01	0
033	Salt as chloride (%)	2023	0.64500	0.01000	0.60720	0.06242	0.01750	9	0.61	033.01	0
033	Salt as chloride (%)	0510	0.65000	0.02000	0.60720	0.06242	0.01750	9	0.69	033.01	0
033	Salt as chloride (%)	0650	0.68500	0.03000	0.60720	0.06242	0.01750	9	1.25	033.01	0
034	Selenium (mg / kg (ppm))	0964	0.52150	0.00860	0.76781	0.14808	0.01856	8	-1.66	034.43	0
034	Selenium (mg / kg (ppm))	0969	0.52550	0.00900	0.76781	0.14808	0.01856	8	-1.64	034.99	0
034	Selenium (mg / kg (ppm))	0098	0.73100	0.00600	0.76781	0.14808	0.01856	8	-0.25	034.01	0
034	Selenium (mg / kg (ppm))	0164	0.76500	0.03000	0.76781	0.14808	0.01856	8	-0.02	034.04	0
034	Selenium (mg / kg (ppm))	2004	0.78650	0.02100	0.76781	0.14808	0.01856	8	0.13	034.99	0
034	Selenium (mg / kg (ppm))	0553	0.84800	0.01200	0.76781	0.14808	0.01856	8	0.54	034.53	0
034	Selenium (mg / kg (ppm))	0034	0.87045	0.06190	0.76781	0.14808	0.01856	8	0.69	034.53	0
034	Selenium (mg / kg (ppm))	2023	1.0000	0.00000	0.76781	0.14808	0.01856	8	1.57	034.53	0
034	Selenium (mg / kg (ppm))	0555	0.84500	0.13000	0.76781	0.14808	0.01856	8	0.52	034.52	1
035	Sodium (%)	0042	0.45450	0.01100	0.52132	0.03030	0.01270	27	-2.21	035.43	0
035	Sodium (%)	0510	0.46600	0.00200	0.52132	0.03030	0.01270	27	-1.83	035.43	0
035	Sodium (%)	0171	0.48000	0.00000	0.52132	0.03030	0.01270	27	-1.36	035.41	0
035	Sodium (%)	0034	0.48235	0.02050	0.52132	0.03030	0.01270	27	-1.29	035.53	0
035	Sodium (%)	0650	0.49000	0.02000	0.52132	0.03030	0.01270	27	-1.03	035.31	0
035	Sodium (%)	2089	0.50000	0.00000	0.52132	0.03030	0.01270	27	-0.70	035.41	0
035	Sodium (%)	0098	0.50000	0.02000	0.52132	0.03030	0.01270	27	-0.70	035.43	0
035	Sodium (%)	0969	0.50500	0.01000	0.52132	0.03030	0.01270	27	-0.54	035.41	0
035	Sodium (%)	0014	0.51250	0.03300	0.52132	0.03030	0.01270	27	-0.29	035.31	0
035	Sodium (%)	2023	0.51700	0.01800	0.52132	0.03030	0.01270	27	-0.14	035.41	0
035	Sodium (%)	0164	0.51750	0.00100	0.52132	0.03030	0.01270	27	-0.13	035.41	0
035	Sodium (%)	0970	0.51900	0.00200	0.52132	0.03030	0.01270	27	-0.08	035.41	0
035	Sodium (%)	0870	0.51945	0.01030	0.52132	0.03030	0.01270	27	-0.06	035.42	0
035	Sodium (%)	0504	0.52000	0.00600	0.52132	0.03030	0.01270	27	-0.04	035.42	0
035	Sodium (%)	0208	0.52100	0.02000	0.52132	0.03030	0.01270	27	-0.01	035.31	0
035	Sodium (%)	2004	0.52400	0.01000	0.52132	0.03030	0.01270	27	0.09	035.41	0
035	Sodium (%)	0003	0.53000	0.02000	0.52132	0.03030	0.01270	27	0.29	035.41	0
035	Sodium (%)	0098	0.53000	0.00000	0.52132	0.03030	0.01270	27	0.29	035.41	0
035	Sodium (%)	0512	0.53440	0.01700	0.52132	0.03030	0.01270	27	0.43	035.41	0
035	Sodium (%)	0407	0.54175	0.00890	0.52132	0.03030	0.01270	27	0.67	035.41	0
035	Sodium (%)	0555	0.54175	0.03830	0.52132	0.03030	0.01270	27	0.67	035.42	0
035	Sodium (%)	2094	0.54500	0.01000	0.52132	0.03030	0.01270	27	0.78	035.43	0
035	Sodium (%)	0027	0.54950	0.02100	0.52132	0.03030	0.01270	27	0.93	035.43	0
035	Sodium (%)	0553	0.55100	0.02400	0.52132	0.03030	0.01270	27	0.98	035.41	0
035	Sodium (%)	0065	0.56375	0.00950	0.52132	0.03030	0.01270	27	1.40	035.41	0
035	Sodium (%)	0202	0.59000	0.00000	0.52132	0.03030	0.01270	27	2.27	035.42	0
035	Sodium (%)	0964	0.65245	0.01030	0.52132	0.03030	0.01270	27	4.33	035.43	0
036	Sulfur (%)	2089	0.39500	0.01000	0.43369	0.03223	0.01358	14	-1.20	036.42	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036	Sulfur (%)	0870	0.40150	0.02480	0.43369	0.03223	0.01358	14	-1.00	036.42	0
036	Sulfur (%)	0001	0.40250	0.02100	0.43369	0.03223	0.01358	14	-0.97	036.04	0
036	Sulfur (%)	0407	0.40715	0.00170	0.43369	0.03223	0.01358	14	-0.82	036.42	0
036	Sulfur (%)	0164	0.42000	0.02000	0.43369	0.03223	0.01358	14	-0.42	036.42	0
036	Sulfur (%)	0202	0.42000	0.00000	0.43369	0.03223	0.01358	14	-0.42	036.42	0
036	Sulfur (%)	0171	0.42200	0.00200	0.43369	0.03223	0.01358	14	-0.36	036.42	0
036	Sulfur (%)	0555	0.42305	0.00970	0.43369	0.03223	0.01358	14	-0.33	036.42	0
036	Sulfur (%)	0510	0.45500	0.01000	0.43369	0.03223	0.01358	14	0.66	036.43	0
036	Sulfur (%)	0964	0.45815	0.04390	0.43369	0.03223	0.01358	14	0.76	036.43	0
036	Sulfur (%)	0098	0.45930	0.00400	0.43369	0.03223	0.01358	14	0.79	036.43	0
036	Sulfur (%)	0098	0.46000	0.00000	0.43369	0.03223	0.01358	14	0.82	036.04	0
036	Sulfur (%)	0027	0.47150	0.01300	0.43369	0.03223	0.01358	14	1.17	036.43	0
036	Sulfur (%)	0033	0.48500	0.03000	0.43369	0.03223	0.01358	14	1.59	036.43	0
037	Zinc (mg / kg (ppm))	0870	91.700	0.46000	143.96	11.660	5.2077	27	-4.48	037.42	0
037	Zinc (mg / kg (ppm))	0164	119.50	1.0000	143.96	11.660	5.2077	27	-2.10	037.41	0
037	Zinc (mg / kg (ppm))	0001	122.30	14.600	143.96	11.660	5.2077	27	-1.86	037.31	0
037	Zinc (mg / kg (ppm))	0510	128.50	1.0000	143.96	11.660	5.2077	27	-1.33	037.43	0
037	Zinc (mg / kg (ppm))	0504	128.95	4.1000	143.96	11.660	5.2077	27	-1.29	037.33	0
037	Zinc (mg / kg (ppm))	2023	134.50	3.0000	143.96	11.660	5.2077	27	-0.81	037.43	0
037	Zinc (mg / kg (ppm))	0033	137.00	2.0000	143.96	11.660	5.2077	27	-0.60	037.43	0
037	Zinc (mg / kg (ppm))	0511	138.00	4.0000	143.96	11.660	5.2077	27	-0.51	037.41	0
037	Zinc (mg / kg (ppm))	0969	139.50	1.0000	143.96	11.660	5.2077	27	-0.38	037.44	0
037	Zinc (mg / kg (ppm))	0014	141.00	6.0000	143.96	11.660	5.2077	27	-0.25	037.31	0
037	Zinc (mg / kg (ppm))	0553	142.50	5.0000	143.96	11.660	5.2077	27	-0.13	037.41	0
037	Zinc (mg / kg (ppm))	2004	143.00	0.00000	143.96	11.660	5.2077	27	-0.08	037.44	0
037	Zinc (mg / kg (ppm))	0555	143.50	1.0000	143.96	11.660	5.2077	27	-0.04	037.52	0
037	Zinc (mg / kg (ppm))	0098	143.70	11.200	143.96	11.660	5.2077	27	-0.02	037.43	0
037	Zinc (mg / kg (ppm))	0504	144.75	1.7000	143.96	11.660	5.2077	27	0.07	037.32	0
037	Zinc (mg / kg (ppm))	2089	145.89	0.01000	143.96	11.660	5.2077	27	0.17	037.41	0
037	Zinc (mg / kg (ppm))	0098	146.30	15.200	143.96	11.660	5.2077	27	0.20	037.41	0
037	Zinc (mg / kg (ppm))	0042	147.50	9.0000	143.96	11.660	5.2077	27	0.30	037.43	0
037	Zinc (mg / kg (ppm))	0407	148.14	2.2680	143.96	11.660	5.2077	27	0.36	037.41	0
037	Zinc (mg / kg (ppm))	0964	150.75	11.830	143.96	11.660	5.2077	27	0.58	037.43	0
037	Zinc (mg / kg (ppm))	0171	154.00	0.00000	143.96	11.660	5.2077	27	0.86	037.41	0
037	Zinc (mg / kg (ppm))	0970	155.00	2.0000	143.96	11.660	5.2077	27	0.95	037.44	0
037	Zinc (mg / kg (ppm))	0202	156.02	1.9900	143.96	11.660	5.2077	27	1.03	037.42	0
037	Zinc (mg / kg (ppm))	0555	156.25	5.7000	143.96	11.660	5.2077	27	1.05	037.42	0
037	Zinc (mg / kg (ppm))	0003	163.00	14.000	143.96	11.660	5.2077	27	1.63	037.41	0
037	Zinc (mg / kg (ppm))	0027	172.97	12.950	143.96	11.660	5.2077	27	2.49	037.43	0
037	Zinc (mg / kg (ppm))	0512	173.50	9.6000	143.96	11.660	5.2077	27	2.53	037.41	0
037	Zinc (mg / kg (ppm))	0074	179.50	33.000	143.96	11.660	5.2077	27	3.05	037.41	1
038	Molybdenum (mg / kg (ppm))	0510	0.25000	0.10000	0.41023	0.07881	0.04758	6	-2.03	038.43	0

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038	Molybdenum (mg / kg (ppm))	0964	0.38630	0.04700	0.41023	0.07881	0.04758	6	-0.30	038.43	0
038	Molybdenum (mg / kg (ppm))	2023	0.39500	0.03000	0.41023	0.07881	0.04758	6	-0.19	038.53	0
038	Molybdenum (mg / kg (ppm))	0553	0.40550	0.04700	0.41023	0.07881	0.04758	6	-0.06	038.53	0
038	Molybdenum (mg / kg (ppm))	0555	0.47405	0.00150	0.41023	0.07881	0.04758	6	0.81	038.42	0
038	Molybdenum (mg / kg (ppm))	0555	0.55000	0.06000	0.41023	0.07881	0.04758	6	1.77	038.52	0
040	Barium (mg / kg (ppm))	0555	2.8500	1.3000			1.3000	1			0
041	Vanadium (mg / kg (ppm))	0553	0.19700	0.00200			0.00100	2	-0.71	041.53	0
041	Vanadium (mg / kg (ppm))	0555	0.40000	0.00000			0.00100	2	0.71	041.52	0
042	Chloride (%)	2004	0.38900	0.00200	0.39617	0.00881	0.00367	3	-0.81	042.00	0
042	Chloride (%)	0969	0.39350	0.00700	0.39617	0.00881	0.00367	3	-0.30	042.00	0
042	Chloride (%)	0970	0.40600	0.00200	0.39617	0.00881	0.00367	3	1.12	042.99	0
101	Choline Chloride (mg / kg (ppm))	2004	860.00	98.000			98.000	1			0
102	Niacin (mg / kg (ppm))	2004	70.850	1.7000			3.3000	2	-0.71	102.01	0
102	Niacin (mg / kg (ppm))	0969	72.450	4.9000			3.3000	2	0.71	102.01	0
103	Pantothenic Acid (mg / kg (ppm))	2004	8.4000	0.20000			0.10000	2	-0.71	103.02	0
103	Pantothenic Acid (mg / kg (ppm))	0969	11.000	0.00000			0.10000	2	0.71	103.02	0
104	Riboflavin (mg / kg (ppm))	2023	7.5000	0.06000	8.3167	1.0867	0.18667	3	-0.75	104.03	0
104	Riboflavin (mg / kg (ppm))	2004	7.9000	0.20000	8.3167	1.0867	0.18667	3	-0.38	104.02	0
104	Riboflavin (mg / kg (ppm))	0969	9.5500	0.30000	8.3167	1.0867	0.18667	3	1.13	104.02	0
105	Thiamine (mg / kg (ppm))	2023	1.7800	0.10000	2.6100	0.78886	0.06667	3	-1.05	105.00	0
105	Thiamine (mg / kg (ppm))	0969	2.7000	0.00000	2.6100	0.78886	0.06667	3	0.11	105.99	0
105	Thiamine (mg / kg (ppm))	2004	3.3500	0.10000	2.6100	0.78886	0.06667	3	0.94	105.99	0
106	Vitamin A (KU / kg)	2023	0.18500	0.03000				1			0
106	Vitamin A (KU / kg)	0969	0.00000	0.00000				1			4
107	Vitamin B12 (µg / kg (ppb))	0969	88.000	0.40000			2.7000	2	-0.71	107.00	0
107	Vitamin B12 (µg / kg (ppb))	2004	95.200	5.0000			2.7000	2	0.71	107.00	0
108	Vitamin D3 (KU / kg)	2023	1.7050	0.73000				1			0
108	Vitamin D3 (KU / kg)	0969	0.00000	0.00000				1			4
108	Vitamin D3 (KU / kg)	0970	0.00000	0.00000				1			4
108	Vitamin D3 (KU / kg)	2004	0.00000	0.00000				1			4
109	Vitamin E (mg / kg (ppm))	0969	9.3450	0.03000			0.61500	2	-0.71	109.02	0
109	Vitamin E (mg / kg (ppm))	2023	13.400	1.2000			0.61500	2	0.71	109.02	0
112	Pyridoxine (µg / g)	0969	2.2100	0.30000			0.29000	2	-0.71	112.00	0
112	Pyridoxine (µg / g)	2004	2.6000	0.28000			0.29000	2	0.71	112.00	0
113	Folic Acid (mg / kg (ppm))	0969	1.1650	0.17000			0.14500	2	-0.71	113.01	0
113	Folic Acid (mg / kg (ppm))	2004	1.1800	0.12000			0.14500	2	0.71	113.01	0
114	Biotin (mg / kg (ppm))	0969	0.25900	0.00200			0.00300	2	-0.71	114.01	0
114	Biotin (mg / kg (ppm))	2004	0.26100	0.00400			0.00300	2	0.71	114.01	0
120	Alanine (%)	2023	3.3750	0.15000	3.5598	0.09751	0.14530	8	-1.89	120.02	0
120	Alanine (%)	0970	3.4550	0.15000	3.5598	0.09751	0.14530	8	-1.07	120.01	0
120	Alanine (%)	2004	3.5250	0.13000	3.5598	0.09751	0.14530	8	-0.36	120.01	0
120	Alanine (%)	0504	3.5350	0.41000	3.5598	0.09751	0.14530	8	-0.25	120.00	0

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120	Alanine (%)	0870	3.5941	0.05240	3.5598	0.09751	0.14530	8	0.35	120.00	0
120	Alanine (%)	0227	3.6150	0.03000	3.5598	0.09751	0.14530	8	0.57	120.00	0
120	Alanine (%)	0969	3.6250	0.11000	3.5598	0.09751	0.14530	8	0.67	120.01	0
120	Alanine (%)	0171	3.8850	0.13000	3.5598	0.09751	0.14530	8	3.34	120.00	0
121	Arginine (%)	2023	3.0850	0.11000	3.3536	0.15198	0.11433	8	-1.77	121.02	0
121	Arginine (%)	0870	3.1839	0.08460	3.3536	0.15198	0.11433	8	-1.12	121.00	0
121	Arginine (%)	0504	3.3100	0.08000	3.3536	0.15198	0.11433	8	-0.29	121.00	0
121	Arginine (%)	0227	3.3450	0.05000	3.3536	0.15198	0.11433	8	-0.06	121.00	0
121	Arginine (%)	2004	3.3750	0.17000	3.3536	0.15198	0.11433	8	0.14	121.01	0
121	Arginine (%)	0969	3.4250	0.05000	3.3536	0.15198	0.11433	8	0.47	121.01	0
121	Arginine (%)	0970	3.4700	0.12000	3.3536	0.15198	0.11433	8	0.77	121.01	0
121	Arginine (%)	0171	3.7750	0.25000	3.3536	0.15198	0.11433	8	2.77	121.00	0
122	Aspartic (%)	2023	3.3750	0.07000	3.5814	0.17183	0.11598	8	-1.20	122.02	0
122	Aspartic (%)	2004	3.4250	0.33000	3.5814	0.17183	0.11598	8	-0.91	122.01	0
122	Aspartic (%)	0969	3.4900	0.08000	3.5814	0.17183	0.11598	8	-0.53	122.01	0
122	Aspartic (%)	0970	3.5700	0.08000	3.5814	0.17183	0.11598	8	-0.07	122.01	0
122	Aspartic (%)	0870	3.5962	0.07780	3.5814	0.17183	0.11598	8	0.09	122.00	0
122	Aspartic (%)	0227	3.6350	0.05000	3.5814	0.17183	0.11598	8	0.31	122.00	0
122	Aspartic (%)	0504	3.7400	0.00000	3.5814	0.17183	0.11598	8	0.92	122.00	0
122	Aspartic (%)	0171	3.8200	0.24000	3.5814	0.17183	0.11598	8	1.39	122.00	0
124	Cysteine/Cystine (%)	2004	0.37500	0.00800	0.41595	0.04126	0.02571	8	-0.99	124.01	0
124	Cysteine/Cystine (%)	0969	0.38200	0.01600	0.41595	0.04126	0.02571	8	-0.82	124.01	0
124	Cysteine/Cystine (%)	0227	0.39000	0.00000	0.41595	0.04126	0.02571	8	-0.63	124.00	0
124	Cysteine/Cystine (%)	0870	0.39505	0.02470	0.41595	0.04126	0.02571	8	-0.51	124.00	0
124	Cysteine/Cystine (%)	2023	0.41500	0.07000	0.41595	0.04126	0.02571	8	-0.02	124.02	0
124	Cysteine/Cystine (%)	0970	0.44250	0.06700	0.41595	0.04126	0.02571	8	0.64	124.01	0
124	Cysteine/Cystine (%)	0171	0.46500	0.01000	0.41595	0.04126	0.02571	8	1.19	124.00	0
124	Cysteine/Cystine (%)	0504	0.48500	0.01000	0.41595	0.04126	0.02571	8	1.67	124.00	0
125	Glutamic (%)	2004	5.9600	0.40000	6.1572	0.17356	0.14990	8	-1.14	125.01	0
125	Glutamic (%)	0171	6.0200	0.14000	6.1572	0.17356	0.14990	8	-0.79	125.00	0
125	Glutamic (%)	2023	6.0600	0.08000	6.1572	0.17356	0.14990	8	-0.56	125.02	0
125	Glutamic (%)	0970	6.1100	0.20000	6.1572	0.17356	0.14990	8	-0.27	125.01	0
125	Glutamic (%)	0969	6.1300	0.00000	6.1572	0.17356	0.14990	8	-0.16	125.01	0
125	Glutamic (%)	0504	6.2700	0.14000	6.1572	0.17356	0.14990	8	0.65	125.00	0
125	Glutamic (%)	0870	6.3092	0.07920	6.1572	0.17356	0.14990	8	0.88	125.00	0
125	Glutamic (%)	0227	6.4600	0.16000	6.1572	0.17356	0.14990	8	1.74	125.00	0
126	Glycine (%)	0171	5.7100	0.10000	6.2258	0.32518	0.26536	7	-1.59	126.00	0
126	Glycine (%)	0970	5.8450	0.35000	6.2258	0.32518	0.26536	7	-1.17	126.01	0
126	Glycine (%)	0969	6.0850	0.35000	6.2258	0.32518	0.26536	7	-0.43	126.01	0
126	Glycine (%)	2023	6.3550	0.55000	6.2258	0.32518	0.26536	7	0.40	126.02	0
126	Glycine (%)	0870	6.3845	0.25750	6.2258	0.32518	0.26536	7	0.49	126.00	0
126	Glycine (%)	2004	6.4500	0.12000	6.2258	0.32518	0.26536	7	0.69	126.01	0



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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
126	Glycine (%)	0227	6.5750	0.13000	6.2258	0.32518	0.26536	7	1.07	126.00	0
127	Histidine (%)	0969	0.73950	0.02100	0.88146	0.08517	0.03024	8	-1.67	127.01	0
127	Histidine (%)	2004	0.80150	0.03300	0.88146	0.08517	0.03024	8	-0.94	127.01	0
127	Histidine (%)	2023	0.82000	0.02000	0.88146	0.08517	0.03024	8	-0.72	127.02	0
127	Histidine (%)	0870	0.89585	0.02190	0.88146	0.08517	0.03024	8	0.17	127.00	0
127	Histidine (%)	0970	0.90600	0.00600	0.88146	0.08517	0.03024	8	0.29	127.01	0
127	Histidine (%)	0227	0.91000	0.00000	0.88146	0.08517	0.03024	8	0.34	127.00	0
127	Histidine (%)	0171	0.92500	0.05000	0.88146	0.08517	0.03024	8	0.51	127.00	0
127	Histidine (%)	0504	1.0450	0.09000	0.88146	0.08517	0.03024	8	1.92	127.00	0
128	Isoleucine (%)	2023	1.1900	0.00000	1.3812	0.08579	0.05420	8	-2.23	128.02	0
128	Isoleucine (%)	0504	1.3050	0.07000	1.3812	0.08579	0.05420	8	-0.89	128.00	0
128	Isoleucine (%)	2004	1.3600	0.14000	1.3812	0.08579	0.05420	8	-0.25	128.01	0
128	Isoleucine (%)	0227	1.3750	0.03000	1.3812	0.08579	0.05420	8	-0.07	128.00	0
128	Isoleucine (%)	0969	1.3900	0.04000	1.3812	0.08579	0.05420	8	0.10	128.01	0
128	Isoleucine (%)	0870	1.4294	0.06360	1.3812	0.08579	0.05420	8	0.56	128.00	0
128	Isoleucine (%)	0171	1.4500	0.08000	1.3812	0.08579	0.05420	8	0.80	128.00	0
128	Isoleucine (%)	0970	1.4850	0.01000	1.3812	0.08579	0.05420	8	1.21	128.01	0
129	Leucine (%)	2004	2.8650	0.21000	3.0428	0.15408	0.07544	8	-1.15	129.01	0
129	Leucine (%)	2023	2.8950	0.03000	3.0428	0.15408	0.07544	8	-0.96	129.02	0
129	Leucine (%)	0969	2.9800	0.04000	3.0428	0.15408	0.07544	8	-0.41	129.01	0
129	Leucine (%)	0870	2.9921	0.12350	3.0428	0.15408	0.07544	8	-0.33	129.00	0
129	Leucine (%)	0227	3.0450	0.01000	3.0428	0.15408	0.07544	8	0.01	129.00	0
129	Leucine (%)	0970	3.1300	0.10000	3.0428	0.15408	0.07544	8	0.57	129.01	0
129	Leucine (%)	0504	3.2000	0.02000	3.0428	0.15408	0.07544	8	1.02	129.00	0
129	Leucine (%)	0171	3.2350	0.07000	3.0428	0.15408	0.07544	8	1.25	129.00	0
130	L-Lysine (%)	2023	2.2200	0.04000	2.4173	0.16685	0.04110	9	-1.18	130.02	0
130	L-Lysine (%)	0969	2.2250	0.05000	2.4173	0.16685	0.04110	9	-1.15	130.01	0
130	L-Lysine (%)	2004	2.2950	0.03000	2.4173	0.16685	0.04110	9	-0.73	130.01	0
130	L-Lysine (%)	0970	2.3600	0.04000	2.4173	0.16685	0.04110	9	-0.34	130.01	0
130	L-Lysine (%)	0227	2.4350	0.01000	2.4173	0.16685	0.04110	9	0.11	130.00	0
130	L-Lysine (%)	0504	2.5350	0.01000	2.4173	0.16685	0.04110	9	0.71	130.00	0
130	L-Lysine (%)	0870	2.5379	0.05890	2.4173	0.16685	0.04110	9	0.72	130.00	0
130	L-Lysine (%)	0027	2.5475	0.13100	2.4173	0.16685	0.04110	9	0.78	130.05	0
130	L-Lysine (%)	0171	2.6000	0.00000	2.4173	0.16685	0.04110	9	1.10	130.00	0
131	Methionine (%)	2023	0.66500	0.01000	0.72312	0.04433	0.04525	8	-1.31	131.02	0
131	Methionine (%)	0171	0.69500	0.05000	0.72312	0.04433	0.04525	8	-0.63	131.00	0
131	Methionine (%)	0227	0.69500	0.03000	0.72312	0.04433	0.04525	8	-0.63	131.00	0
131	Methionine (%)	2004	0.70650	0.08100	0.72312	0.04433	0.04525	8	-0.37	131.01	0
131	Methionine (%)	0504	0.73500	0.03000	0.72312	0.04433	0.04525	8	0.27	131.00	0
131	Methionine (%)	0870	0.75050	0.03500	0.72312	0.04433	0.04525	8	0.62	131.00	0
131	Methionine (%)	0970	0.75550	0.06100	0.72312	0.04433	0.04525	8	0.73	131.01	0
131	Methionine (%)	0969	0.78750	0.06500	0.72312	0.04433	0.04525	8	1.45	131.01	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
132	Phenylalanine (%)	0504	1.5800	0.02000	1.6614	0.06583	0.04323	8	-1.24	132.00	0
132	Phenylalanine (%)	2004	1.5850	0.13000	1.6614	0.06583	0.04323	8	-1.16	132.01	0
132	Phenylalanine (%)	0969	1.6400	0.02000	1.6614	0.06583	0.04323	8	-0.32	132.01	0
132	Phenylalanine (%)	2023	1.6550	0.03000	1.6614	0.06583	0.04323	8	-0.10	132.02	0
132	Phenylalanine (%)	0227	1.6700	0.02000	1.6614	0.06583	0.04323	8	0.13	132.00	0
132	Phenylalanine (%)	0970	1.7100	0.04000	1.6614	0.06583	0.04323	8	0.74	132.01	0
132	Phenylalanine (%)	0171	1.7250	0.05000	1.6614	0.06583	0.04323	8	0.97	132.00	0
132	Phenylalanine (%)	0870	1.7258	0.03580	1.6614	0.06583	0.04323	8	0.98	132.00	0
133	Proline (%)	0970	4.0800	0.12000	4.2997	0.25734	0.11660	7	-0.85	133.99	0
133	Proline (%)	0969	4.0900	0.00000	4.2997	0.25734	0.11660	7	-0.81	133.99	0
133	Proline (%)	0870	4.1173	0.09620	4.2997	0.25734	0.11660	7	-0.71	133.00	0
133	Proline (%)	0227	4.2750	0.05000	4.2997	0.25734	0.11660	7	-0.10	133.00	0
133	Proline (%)	2004	4.3900	0.16000	4.2997	0.25734	0.11660	7	0.35	133.04	0
133	Proline (%)	2023	4.4600	0.28000	4.2997	0.25734	0.11660	7	0.62	133.99	0
133	Proline (%)	0171	4.9650	0.11000	4.2997	0.25734	0.11660	7	2.59	133.00	0
134	Serine (%)	2004	1.8000	0.12000	1.9145	0.05344	0.08739	8	-2.14	134.01	0
134	Serine (%)	0970	1.8700	0.14000	1.9145	0.05344	0.08739	8	-0.83	134.01	0
134	Serine (%)	2023	1.8900	0.06000	1.9145	0.05344	0.08739	8	-0.46	134.02	0
134	Serine (%)	0969	1.9000	0.02000	1.9145	0.05344	0.08739	8	-0.27	134.01	0
134	Serine (%)	0870	1.9305	0.05910	1.9145	0.05344	0.08739	8	0.30	134.00	0
134	Serine (%)	0504	1.9450	0.13000	1.9145	0.05344	0.08739	8	0.57	134.00	0
134	Serine (%)	0227	1.9500	0.06000	1.9145	0.05344	0.08739	8	0.66	134.00	0
134	Serine (%)	0171	2.0850	0.11000	1.9145	0.05344	0.08739	8	3.19	134.00	0
135	Threonine (%)	2004	1.4850	0.15000	1.5826	0.03676	0.04403	8	-2.66	135.01	0
135	Threonine (%)	2023	1.5000	0.00000	1.5826	0.03676	0.04403	8	-2.25	135.02	0
135	Threonine (%)	0969	1.5400	0.02000	1.5826	0.03676	0.04403	8	-1.16	135.01	0
135	Threonine (%)	0870	1.5915	0.01220	1.5826	0.03676	0.04403	8	0.24	135.00	0
135	Threonine (%)	0227	1.5950	0.05000	1.5826	0.03676	0.04403	8	0.34	135.00	0
135	Threonine (%)	0171	1.6100	0.04000	1.5826	0.03676	0.04403	8	0.74	135.00	0
135	Threonine (%)	0970	1.6150	0.07000	1.5826	0.03676	0.04403	8	0.88	135.01	0
135	Threonine (%)	0504	1.6150	0.01000	1.5826	0.03676	0.04403	8	0.88	135.00	0
136	Tryptophan (%)	2023	0.22000	0.00000	0.30659	0.06074	0.01876	7	-1.43	136.02	0
136	Tryptophan (%)	0969	0.25550	0.02100	0.30659	0.06074	0.01876	7	-0.84	136.99	0
136	Tryptophan (%)	0870	0.30015	0.00330	0.30659	0.06074	0.01876	7	-0.11	136.00	0
136	Tryptophan (%)	2004	0.30650	0.04900	0.30659	0.06074	0.01876	7	0.00	136.99	0
136	Tryptophan (%)	0227	0.35000	0.00000	0.30659	0.06074	0.01876	7	0.71	136.00	0
136	Tryptophan (%)	0504	0.35000	0.04000	0.30659	0.06074	0.01876	7	0.71	136.99	0
136	Tryptophan (%)	0970	0.36400	0.01800	0.30659	0.06074	0.01876	7	0.95	136.99	0
137	Tyrosine (%)	0870	0.88955	0.00350	1.1850	0.13319	0.04169	8	-2.22	137.00	0
137	Tyrosine (%)	2023	1.0400	0.04000	1.1850	0.13319	0.04169	8	-1.09	137.02	0
137	Tyrosine (%)	0227	1.1100	0.02000	1.1850	0.13319	0.04169	8	-0.56	137.00	0
137	Tyrosine (%)	2004	1.1850	0.09000	1.1850	0.13319	0.04169	8	0.00	137.01	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
137	Tyrosine (%)	0969	1.2450	0.01000	1.1850	0.13319	0.04169	8	0.45	137.01	0
137	Tyrosine (%)	0171	1.2750	0.03000	1.1850	0.13319	0.04169	8	0.68	137.00	0
137	Tyrosine (%)	0970	1.2900	0.06000	1.1850	0.13319	0.04169	8	0.79	137.01	0
137	Tyrosine (%)	0504	1.3200	0.08000	1.1850	0.13319	0.04169	8	1.01	137.00	0
138	Valine (%)	2023	1.7100	0.04000	2.0358	0.13741	0.06415	8	-2.37	138.02	0
138	Valine (%)	2004	1.9250	0.13000	2.0358	0.13741	0.06415	8	-0.81	138.01	0
138	Valine (%)	0504	1.9750	0.01000	2.0358	0.13741	0.06415	8	-0.44	138.00	0
138	Valine (%)	0870	2.0396	0.11320	2.0358	0.13741	0.06415	8	0.03	138.00	0
138	Valine (%)	0969	2.0450	0.05000	2.0358	0.13741	0.06415	8	0.07	138.01	0
138	Valine (%)	0227	2.1050	0.01000	2.0358	0.13741	0.06415	8	0.50	138.00	0
138	Valine (%)	0970	2.1600	0.06000	2.0358	0.13741	0.06415	8	0.90	138.01	0
138	Valine (%)	0171	2.2000	0.10000	2.0358	0.13741	0.06415	8	1.19	138.00	0
139	Taurine (%)	2004	0.05050	0.00140	0.06579	0.01498	0.00286	5	-0.83	139.01	0
139	Taurine (%)	0970	0.05615	0.00050	0.06579	0.01498	0.00286	5	-0.68	139.00	0
139	Taurine (%)	0171	0.07400	0.00200	0.06579	0.01498	0.00286	5	-0.20	139.00	0
139	Taurine (%)	0969	0.08250	0.00040	0.06579	0.01498	0.00286	5	0.02	139.00	0
139	Taurine (%)	0504	0.14500	0.01000	0.06579	0.01498	0.00286	5	1.68	139.00	0
400	Water activity (Units)	2083	0.38600	0.00200			0.00200	1			0
516	Arsenic, total (mg / kg (ppm))	0227	0.04550	0.00100	0.04688	0.00194	0.01777	3	-0.60	516.53	0
516	Arsenic, total (mg / kg (ppm))	0553	0.04825	0.00230	0.04688	0.00194	0.01777	3	-0.55	516.53	0
516	Arsenic, total (mg / kg (ppm))	0555	0.14500	0.05000	0.04688	0.00194	0.01777	3	1.15	516.52	0
518	Cadmium (mg / kg (ppm))	0227	0.02150	0.00100	0.03462	0.02199	0.00983	4	-0.88	518.53	0
518	Cadmium (mg / kg (ppm))	0553	0.02235	0.00090	0.03462	0.02199	0.00983	4	-0.85	518.53	0
518	Cadmium (mg / kg (ppm))	0171	0.06000	0.00000	0.03462	0.02199	0.00983	4	0.84	518.41	0
518	Cadmium (mg / kg (ppm))	0555	0.06110	0.03740	0.03462	0.02199	0.00983	4	0.89	518.42	0
518	Cadmium (mg / kg (ppm))	0555	0.00000	0.00000	0.03462	0.02199	0.00983	4	-1.85	518.52	4
520	Chromium (mg / kg (ppm))	0510	0.57500	0.05000	0.63238	0.09876	0.09700	5	-0.51	520.43	0
520	Chromium (mg / kg (ppm))	2023	0.58000	0.12000	0.63238	0.09876	0.09700	5	-0.50	520.53	0
520	Chromium (mg / kg (ppm))	0553	0.59450	0.03500	0.63238	0.09876	0.09700	5	-0.49	520.53	0
520	Chromium (mg / kg (ppm))	0555	0.78000	0.16000	0.63238	0.09876	0.09700	5	-0.28	520.52	0
520	Chromium (mg / kg (ppm))	0171	2.6100	0.12000	0.63238	0.09876	0.09700	5	1.78	520.41	0
526	Lead (mg / kg (ppm))	0227	0.19050	0.01100	0.20483	0.02105	0.03175	4	-0.82	526.53	0
526	Lead (mg / kg (ppm))	0171	0.19500	0.01000	0.20483	0.02105	0.03175	4	-0.70	526.41	0
526	Lead (mg / kg (ppm))	0553	0.22900	0.01600	0.20483	0.02105	0.03175	4	0.17	526.53	0
526	Lead (mg / kg (ppm))	0555	0.27500	0.09000	0.20483	0.02105	0.03175	4	1.35	526.52	0
539	Nickel (mg / kg (ppm))	2023	0.99500	0.07000	1.1775	0.17390	0.11000	4	-1.05	539.53	0
539	Nickel (mg / kg (ppm))	0553	1.0650	0.07000	1.1775	0.17390	0.11000	4	-0.65	539.53	0
539	Nickel (mg / kg (ppm))	0171	1.3000	0.20000	1.1775	0.17390	0.11000	4	0.70	539.41	0
539	Nickel (mg / kg (ppm))	0555	1.3500	0.10000	1.1775	0.17390	0.11000	4	0.99	539.52	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, 8 = Analyst data exempt and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in this case the Z Scores are included for information only (Grey, No Action!). Flag 9

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			

indicates no statistics calculated for this dataset. To review the problem please see all submitted data for this test.