



**AAFCO**  
Association of American Feed Control Officials



**Pet Food Ingredient Scheme**  
**Soybean Meal**  
**Test Material Code # 202341**

**# Labs Reporting: 38**  
**# Analytes Reported 94**  
**Issue Date : 03/31/2023**

**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	Robust SD	R-bar	# Tests			
001	Loss on Drying (%)	2155	6.895	0.2100	9.102	0.3069	0.1169	20	-7.19	001.99	0
001	Loss on Drying (%)	0889	8.505	0.0500	9.102	0.3069	0.1169	20	-1.95	001.99	0
001	Loss on Drying (%)	0010	8.700	0.0000	9.102	0.3069	0.1169	20	-1.31	001.07	0
001	Loss on Drying (%)	0034	8.810	0.2800	9.102	0.3069	0.1169	20	-0.95	001.07	0
001	Loss on Drying (%)	0171	8.915	0.0100	9.102	0.3069	0.1169	20	-0.61	001.07	0
001	Loss on Drying (%)	0510	8.950	0.1000	9.102	0.3069	0.1169	20	-0.50	001.99	0
001	Loss on Drying (%)	0918	8.980	0.0200	9.102	0.3069	0.1169	20	-0.40	001.99	0
001	Loss on Drying (%)	0142	8.990	0.0000	9.102	0.3069	0.1169	20	-0.37	001.07	0
001	Loss on Drying (%)	0003	9.040	0.0400	9.102	0.3069	0.1169	20	-0.20	001.07	0
001	Loss on Drying (%)	0650	9.095	0.0900	9.102	0.3069	0.1169	20	-0.02	001.07	0
001	Loss on Drying (%)	2124	9.160	0.1000	9.102	0.3069	0.1169	20	0.19	001.03	0
001	Loss on Drying (%)	0226	9.200	0.2800	9.102	0.3069	0.1169	20	0.32	001.07	0
001	Loss on Drying (%)	0098	9.285	0.1100	9.102	0.3069	0.1169	20	0.60	001.07	0
001	Loss on Drying (%)	0027	9.289	0.0190	9.102	0.3069	0.1169	20	0.61	001.00	0
001	Loss on Drying (%)	0504	9.295	0.1100	9.102	0.3069	0.1169	20	0.63	001.00	0
001	Loss on Drying (%)	0028	9.310	0.2800	9.102	0.3069	0.1169	20	0.68	001.07	0
001	Loss on Drying (%)	0876	9.315	0.1100	9.102	0.3069	0.1169	20	0.69	001.07	0
001	Loss on Drying (%)	2124	9.415	0.0300	9.102	0.3069	0.1169	20	1.02	001.07	0
001	Loss on Drying (%)	0309	9.470	0.0400	9.102	0.3069	0.1169	20	1.20	001.00	0
001	Loss on Drying (%)	0407	9.539	0.2258	9.102	0.3069	0.1169	20	1.42	001.07	0
002	Protein, Crude (%)	2302	45.90	0.0000	48.86	0.3837	0.2465	38	-7.72	002.06	0
002	Protein, Crude (%)	2023	46.57	0.3700	48.86	0.3837	0.2465	38	-5.98	002.06	0
002	Protein, Crude (%)	0407	46.78	0.0991	48.86	0.3837	0.2465	38	-5.42	002.05	0
002	Protein, Crude (%)	0028	47.17	0.2100	48.86	0.3837	0.2465	38	-4.42	002.06	0
002	Protein, Crude (%)	0889	47.26	0.7000	48.86	0.3837	0.2465	38	-4.17	002.99	0
002	Protein, Crude (%)	0511	48.23	0.4600	48.86	0.3837	0.2465	38	-1.64	002.06	0
002	Protein, Crude (%)	0870	48.30	0.3980	48.86	0.3837	0.2465	38	-1.46	002.01	0
002	Protein, Crude (%)	0164	48.51	0.2500	48.86	0.3837	0.2465	38	-0.93	002.01	0
002	Protein, Crude (%)	2184	48.58	0.2500	48.86	0.3837	0.2465	38	-0.75	002.06	0
002	Protein, Crude (%)	0407	48.69	0.3230	48.86	0.3837	0.2465	38	-0.45	002.06	0
002	Protein, Crude (%)	2312	48.75	0.0300	48.86	0.3837	0.2465	38	-0.30	002.06	0
002	Protein, Crude (%)	0010	48.75	0.3000	48.86	0.3837	0.2465	38	-0.29	002.06	0
002	Protein, Crude (%)	0098	48.82	0.1600	48.86	0.3837	0.2465	38	-0.11	002.08	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
002	Protein, Crude (%)	0504	48.87	0.3300	48.86	0.3837	0.2465	38	0.01	002.06	0
002	Protein, Crude (%)	2124	48.87	0.2600	48.86	0.3837	0.2465	38	0.02	002.06	0
002	Protein, Crude (%)	0504	48.89	0.0700	48.86	0.3837	0.2465	38	0.06	002.04	0
002	Protein, Crude (%)	0510	48.90	0.2000	48.86	0.3837	0.2465	38	0.10	002.06	0
002	Protein, Crude (%)	0027	48.92	0.0400	48.86	0.3837	0.2465	38	0.15	002.06	0
002	Protein, Crude (%)	0164	48.95	0.3000	48.86	0.3837	0.2465	38	0.23	002.06	0
002	Protein, Crude (%)	0208	48.95	0.5000	48.86	0.3837	0.2465	38	0.23	002.06	0
002	Protein, Crude (%)	0001	48.96	0.2900	48.86	0.3837	0.2465	38	0.25	002.06	0
002	Protein, Crude (%)	0876	48.96	0.0900	48.86	0.3837	0.2465	38	0.25	002.06	0
002	Protein, Crude (%)	0870	48.98	0.1000	48.86	0.3837	0.2465	38	0.31	002.06	0
002	Protein, Crude (%)	0171	48.99	0.0700	48.86	0.3837	0.2465	38	0.32	002.06	0
002	Protein, Crude (%)	0529	48.99	0.1700	48.86	0.3837	0.2465	38	0.32	002.06	0
002	Protein, Crude (%)	2089	49.04	0.0800	48.86	0.3837	0.2465	38	0.47	002.06	0
002	Protein, Crude (%)	0034	49.09	0.1200	48.86	0.3837	0.2465	38	0.60	002.06	0
002	Protein, Crude (%)	0142	49.09	0.0800	48.86	0.3837	0.2465	38	0.60	002.06	0
002	Protein, Crude (%)	0650	49.10	0.0100	48.86	0.3837	0.2465	38	0.61	002.06	0
002	Protein, Crude (%)	0047	49.10	0.8000	48.86	0.3837	0.2465	38	0.62	002.06	0
002	Protein, Crude (%)	0098	49.10	0.0000	48.86	0.3837	0.2465	38	0.62	002.06	0
002	Protein, Crude (%)	0425	49.16	0.1900	48.86	0.3837	0.2465	38	0.77	002.06	0
002	Protein, Crude (%)	1019	49.18	0.1500	48.86	0.3837	0.2465	38	0.82	002.06	0
002	Protein, Crude (%)	0508	49.18	0.0570	48.86	0.3837	0.2465	38	0.83	002.06	0
002	Protein, Crude (%)	0309	49.20	0.0560	48.86	0.3837	0.2465	38	0.88	002.06	0
002	Protein, Crude (%)	0003	49.33	1.130	48.86	0.3837	0.2465	38	1.21	002.06	0
002	Protein, Crude (%)	0918	49.49	0.0200	48.86	0.3837	0.2465	38	1.64	002.06	0
002	Protein, Crude (%)	0226	49.63	0.2100	48.86	0.3837	0.2465	38	1.99	002.06	0
002	Protein, Crude (%)	2155	49.55	1.830	48.86	0.3837	0.2465	38	1.78	002.06	1
003	Fat, Crude (%)	0504	0.6350	0.2700	1.007	0.2098	0.0851	26	-1.77	003.01	0
003	Fat, Crude (%)	0098	0.7150	0.0300	1.007	0.2098	0.0851	26	-1.39	003.10	0
003	Fat, Crude (%)	1019	0.7250	0.0100	1.007	0.2098	0.0851	26	-1.34	003.99	0
003	Fat, Crude (%)	0918	0.7600	0.3000	1.007	0.2098	0.0851	26	-1.18	003.06	0
003	Fat, Crude (%)	0098	0.7900	0.0200	1.007	0.2098	0.0851	26	-1.03	003.09	0
003	Fat, Crude (%)	0003	0.8300	0.0400	1.007	0.2098	0.0851	26	-0.84	003.14	0
003	Fat, Crude (%)	0164	0.8750	0.0100	1.007	0.2098	0.0851	26	-0.63	003.06	0
003	Fat, Crude (%)	2155	0.8940	0.0520	1.007	0.2098	0.0851	26	-0.54	003.10	0
003	Fat, Crude (%)	0098	0.9300	0.0000	1.007	0.2098	0.0851	26	-0.37	003.13	0
003	Fat, Crude (%)	2023	0.9550	0.0100	1.007	0.2098	0.0851	26	-0.25	003.14	0
003	Fat, Crude (%)	0510	0.9650	0.0700	1.007	0.2098	0.0851	26	-0.20	003.14	0
003	Fat, Crude (%)	0034	0.9750	0.0300	1.007	0.2098	0.0851	26	-0.15	003.14	0
003	Fat, Crude (%)	0171	1.035	0.0300	1.007	0.2098	0.0851	26	0.13	003.14	0
003	Fat, Crude (%)	0876	1.050	0.2400	1.007	0.2098	0.0851	26	0.20	003.14	0
003	Fat, Crude (%)	0226	1.055	0.0100	1.007	0.2098	0.0851	26	0.23	003.14	0
003	Fat, Crude (%)	0529	1.055	0.1100	1.007	0.2098	0.0851	26	0.23	003.14	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Your	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests	Z Score	Method	
003	Fat, Crude (%)	0171	1.075	0.0100	1.007	0.2098	0.0851	26	0.32	003.12	0
003	Fat, Crude (%)	0511	1.080	0.0800	1.007	0.2098	0.0851	26	0.35	003.14	0
003	Fat, Crude (%)	0889	1.125	0.2500	1.007	0.2098	0.0851	26	0.56	003.10	0
003	Fat, Crude (%)	0407	1.140	0.0630	1.007	0.2098	0.0851	26	0.63	003.14	0
003	Fat, Crude (%)	0309	1.143	0.0270	1.007	0.2098	0.0851	26	0.65	003.00	0
003	Fat, Crude (%)	0870	1.186	0.0040	1.007	0.2098	0.0851	26	0.86	003.10	0
003	Fat, Crude (%)	2302	1.240	0.0400	1.007	0.2098	0.0851	26	1.11	003.14	0
003	Fat, Crude (%)	0425	1.250	0.0600	1.007	0.2098	0.0851	26	1.16	003.06	0
003	Fat, Crude (%)	0870	1.346	0.0303	1.007	0.2098	0.0851	26	1.61	003.13	0
003	Fat, Crude (%)	2089	1.425	0.3300	1.007	0.2098	0.0851	26	1.99	003.13	0
003	Fat, Crude (%)	2184	8.005	0.1700	1.007	0.2098	0.0851	26	33.36	003.10	2
004	Fiber, Crude (%)	0407	2.734	0.3073	3.671	0.2507	0.1806	22	-3.74	004.07	0
004	Fiber, Crude (%)	0510	2.850	0.1000	3.671	0.2507	0.1806	22	-3.28	004.07	0
004	Fiber, Crude (%)	0028	3.250	0.3000	3.671	0.2507	0.1806	22	-1.68	004.07	0
004	Fiber, Crude (%)	0309	3.461	0.0220	3.671	0.2507	0.1806	22	-0.84	004.00	0
004	Fiber, Crude (%)	2312	3.500	0.0000	3.671	0.2507	0.1806	22	-0.68	004.00	0
004	Fiber, Crude (%)	2089	3.505	0.4100	3.671	0.2507	0.1806	22	-0.66	004.03	0
004	Fiber, Crude (%)	0164	3.550	0.3000	3.671	0.2507	0.1806	22	-0.48	004.00	0
004	Fiber, Crude (%)	0511	3.600	0.4000	3.671	0.2507	0.1806	22	-0.28	004.07	0
004	Fiber, Crude (%)	0425	3.650	0.5000	3.671	0.2507	0.1806	22	-0.08	004.00	0
004	Fiber, Crude (%)	0876	3.650	0.1000	3.671	0.2507	0.1806	22	-0.08	004.07	0
004	Fiber, Crude (%)	2023	3.680	0.0600	3.671	0.2507	0.1806	22	0.04	004.00	0
004	Fiber, Crude (%)	0208	3.680	0.0800	3.671	0.2507	0.1806	22	0.04	004.00	0
004	Fiber, Crude (%)	2302	3.735	0.0500	3.671	0.2507	0.1806	22	0.25	004.07	0
004	Fiber, Crude (%)	0171	3.735	0.0300	3.671	0.2507	0.1806	22	0.25	004.00	0
004	Fiber, Crude (%)	0529	3.765	0.2700	3.671	0.2507	0.1806	22	0.37	004.07	0
004	Fiber, Crude (%)	0226	3.775	0.0700	3.671	0.2507	0.1806	22	0.41	004.07	0
004	Fiber, Crude (%)	2124	3.835	0.0500	3.671	0.2507	0.1806	22	0.65	004.07	0
004	Fiber, Crude (%)	0504	3.860	0.0200	3.671	0.2507	0.1806	22	0.75	004.00	0
004	Fiber, Crude (%)	0918	3.895	0.1300	3.671	0.2507	0.1806	22	0.89	004.06	0
004	Fiber, Crude (%)	0003	3.910	0.3400	3.671	0.2507	0.1806	22	0.95	004.07	0
004	Fiber, Crude (%)	0870	4.090	0.0038	3.671	0.2507	0.1806	22	1.67	004.07	0
004	Fiber, Crude (%)	0034	4.145	0.2500	3.671	0.2507	0.1806	22	1.89	004.07	0
005	Ash (%)	0510	6.050	0.0600	6.375	0.2507	0.1039	28	-1.30	005.00	0
005	Ash (%)	0511	6.050	0.1000	6.375	0.2507	0.1039	28	-1.30	005.03	0
005	Ash (%)	0407	6.069	0.3340	6.375	0.2507	0.1039	28	-1.22	005.00	0
005	Ash (%)	0208	6.080	0.0800	6.375	0.2507	0.1039	28	-1.18	005.00	0
005	Ash (%)	0142	6.120	0.0200	6.375	0.2507	0.1039	28	-1.02	005.00	0
005	Ash (%)	0870	6.132	0.0945	6.375	0.2507	0.1039	28	-0.97	005.00	0
005	Ash (%)	0650	6.215	0.1700	6.375	0.2507	0.1039	28	-0.64	005.00	0
005	Ash (%)	0425	6.235	0.0100	6.375	0.2507	0.1039	28	-0.56	005.00	0
005	Ash (%)	0027	6.284	0.0080	6.375	0.2507	0.1039	28	-0.36	005.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
005	Ash (%)	2023	6.285	0.0900	6.375	0.2507	0.1039	28	-0.36	005.99	0
005	Ash (%)	0876	6.295	0.0300	6.375	0.2507	0.1039	28	-0.32	005.00	0
005	Ash (%)	0098	6.300	0.0000	6.375	0.2507	0.1039	28	-0.30	005.00	0
005	Ash (%)	0918	6.305	0.0500	6.375	0.2507	0.1039	28	-0.28	005.00	0
005	Ash (%)	0889	6.330	0.1200	6.375	0.2507	0.1039	28	-0.18	005.05	0
005	Ash (%)	2124	6.375	0.1700	6.375	0.2507	0.1039	28	0.00	005.00	0
005	Ash (%)	0164	6.380	0.2200	6.375	0.2507	0.1039	28	0.02	005.00	0
005	Ash (%)	0504	6.425	0.1500	6.375	0.2507	0.1039	28	0.20	005.00	0
005	Ash (%)	2312	6.425	0.2300	6.375	0.2507	0.1039	28	0.20	005.00	0
005	Ash (%)	0034	6.428	0.1530	6.375	0.2507	0.1039	28	0.21	005.05	0
005	Ash (%)	0001	6.442	0.1830	6.375	0.2507	0.1039	28	0.26	005.00	0
005	Ash (%)	0171	6.495	0.0100	6.375	0.2507	0.1039	28	0.48	005.00	0
005	Ash (%)	2302	6.560	0.1400	6.375	0.2507	0.1039	28	0.74	005.00	0
005	Ash (%)	2089	6.645	0.0500	6.375	0.2507	0.1039	28	1.08	005.00	0
005	Ash (%)	0226	6.650	0.0400	6.375	0.2507	0.1039	28	1.10	005.00	0
005	Ash (%)	0047	6.700	0.0000	6.375	0.2507	0.1039	28	1.30	005.00	0
005	Ash (%)	0309	6.729	0.0060	6.375	0.2507	0.1039	28	1.41	005.00	0
005	Ash (%)	0529	6.900	0.0000	6.375	0.2507	0.1039	28	2.09	005.00	0
005	Ash (%)	0003	7.230	0.0800	6.375	0.2507	0.1039	28	3.41	005.05	0
005	Ash (%)	1019	6.215	1.050	6.375	0.2507	0.1039	28	-0.64	005.00	1
005	Ash (%)	2184	9.700	0.0800	6.375	0.2507	0.1039	28	13.26	005.00	2
006	Total Sugars (%)	0226	9.780	0.3200				2		006.99	0
006	Total Sugars (%)	0407	11.48	0.1200				2		006.00	0
007	Urease (%)	2302	0.0150	0.0100				1		007.00	0
008	Fiber, Acid Detergent (%)	2302	4.300	0.1200	4.864	0.4622	0.2197	9	-1.22	008.08	0
008	Fiber, Acid Detergent (%)	0504	4.520	0.7600	4.864	0.4622	0.2197	9	-0.74	008.02	0
008	Fiber, Acid Detergent (%)	0511	4.600	0.0000	4.864	0.4622	0.2197	9	-0.57	008.08	0
008	Fiber, Acid Detergent (%)	0001	4.722	0.3570	4.864	0.4622	0.2197	9	-0.31	008.08	0
008	Fiber, Acid Detergent (%)	0309	4.790	0.1210	4.864	0.4622	0.2197	9	-0.16	008.02	0
008	Fiber, Acid Detergent (%)	0226	4.800	0.0600	4.864	0.4622	0.2197	9	-0.14	008.02	0
008	Fiber, Acid Detergent (%)	0889	5.140	0.0800	4.864	0.4622	0.2197	9	0.60	008.08	0
008	Fiber, Acid Detergent (%)	0870	5.350	0.2351	4.864	0.4622	0.2197	9	1.05	008.08	0
008	Fiber, Acid Detergent (%)	0407	6.256	0.0242	4.864	0.4622	0.2197	9	3.01	008.08	0
008	Fiber, Acid Detergent (%)	0918	9.555	4.890	4.864	0.4622	0.2197	9	10.15	008.08	1
009	Fiber, Neutral Detergent (%)	0889	7.155	0.0700	7.781	0.4474	0.2946	8	-1.40	009.09	0
009	Fiber, Neutral Detergent (%)	0407	7.439	0.6616	7.781	0.4474	0.2946	8	-0.76	009.09	0
009	Fiber, Neutral Detergent (%)	0226	7.605	0.0100	7.781	0.4474	0.2946	8	-0.39	009.07	0
009	Fiber, Neutral Detergent (%)	0309	7.757	0.0020	7.781	0.4474	0.2946	8	-0.05	009.07	0
009	Fiber, Neutral Detergent (%)	2302	7.770	0.1800	7.781	0.4474	0.2946	8	-0.03	009.09	0
009	Fiber, Neutral Detergent (%)	0164	8.000	0.8000	7.781	0.4474	0.2946	8	0.49	009.09	0
009	Fiber, Neutral Detergent (%)	0870	8.124	0.2935	7.781	0.4474	0.2946	8	0.77	009.09	0
009	Fiber, Neutral Detergent (%)	0504	8.400	0.3400	7.781	0.4474	0.2946	8	1.38	009.09	0

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009	Fiber, Neutral Detergent (%)	0918	10.71	2.620	7.781	0.4474	0.2946	8	6.55	009.09	1
010	Moisture (%)	2089	8.955	0.0100				2		010.99	0
010	Moisture (%)	0164	9.255	0.0500				2		010.03	0
011	Loss on Drying, HT (%)	1019	8.770	0.0800	9.777	0.4800	0.0942	16	-2.10	011.01	0
011	Loss on Drying, HT (%)	0511	9.170	0.1000	9.777	0.4800	0.0942	16	-1.26	011.01	0
011	Loss on Drying, HT (%)	0047	9.300	0.0000	9.777	0.4800	0.0942	16	-0.99	011.01	0
011	Loss on Drying, HT (%)	0171	9.405	0.1100	9.777	0.4800	0.0942	16	-0.77	011.01	0
011	Loss on Drying, HT (%)	0208	9.565	0.1700	9.777	0.4800	0.0942	16	-0.44	011.01	0
011	Loss on Drying, HT (%)	0164	9.660	0.0200	9.777	0.4800	0.0942	16	-0.24	011.01	0
011	Loss on Drying, HT (%)	0226	9.740	0.1600	9.777	0.4800	0.0942	16	-0.08	011.01	0
011	Loss on Drying, HT (%)	0098	9.760	0.0000	9.777	0.4800	0.0942	16	-0.04	011.01	0
011	Loss on Drying, HT (%)	0425	9.795	0.0100	9.777	0.4800	0.0942	16	0.04	011.01	0
011	Loss on Drying, HT (%)	0870	9.866	0.0859	9.777	0.4800	0.0942	16	0.18	011.01	0
011	Loss on Drying, HT (%)	2312	9.875	0.0300	9.777	0.4800	0.0942	16	0.20	011.01	0
011	Loss on Drying, HT (%)	2023	9.940	0.0200	9.777	0.4800	0.0942	16	0.34	011.02	0
011	Loss on Drying, HT (%)	0529	10.06	0.4000	9.777	0.4800	0.0942	16	0.59	011.02	0
011	Loss on Drying, HT (%)	0510	10.25	0.1000	9.777	0.4800	0.0942	16	0.99	011.01	0
011	Loss on Drying, HT (%)	2302	10.49	0.0200	9.777	0.4800	0.0942	16	1.49	011.01	0
011	Loss on Drying, HT (%)	0407	10.56	0.0122	9.777	0.4800	0.0942	16	1.63	011.01	0
011	Loss on Drying, HT (%)	0309	9.585	0.5700	9.777	0.4800	0.0942	16	-0.40	011.01	1
011	Loss on Drying, HT (%)	2184	0.9450	0.0900	9.777	0.4800	0.0942	16	-18.40	011.01	2
012	Starch (%)	0226	0.4200	0.0400	1.539	1.541	0.1185	8	-0.73	012.04	0
012	Starch (%)	0407	0.6575	0.0850	1.539	1.541	0.1185	8	-0.57	012.01	0
012	Starch (%)	0027	0.6700	0.1200	1.539	1.541	0.1185	8	-0.56	012.20	0
012	Starch (%)	0407	0.8666	0.0040	1.539	1.541	0.1185	8	-0.44	012.03	0
012	Starch (%)	0870	1.005	0.0188	1.539	1.541	0.1185	8	-0.35	012.01	0
012	Starch (%)	0510	1.300	0.2000	1.539	1.541	0.1185	8	-0.15	012.04	0
012	Starch (%)	0918	3.540	0.3800	1.539	1.541	0.1185	8	1.30	012.01	0
012	Starch (%)	2023	4.450	0.1000	1.539	1.541	0.1185	8	1.89	012.00	0
013	Fat, Pretreat (%)	2124	1.200	0.1000	2.913	0.7538	0.2305	11	-2.27	013.10	0
013	Fat, Pretreat (%)	0208	2.170	0.8800	2.913	0.7538	0.2305	11	-0.99	013.02	0
013	Fat, Pretreat (%)	0098	2.490	0.1200	2.913	0.7538	0.2305	11	-0.56	013.02	0
013	Fat, Pretreat (%)	0407	2.590	0.2800	2.913	0.7538	0.2305	11	-0.43	013.02	0
013	Fat, Pretreat (%)	0650	2.595	0.3100	2.913	0.7538	0.2305	11	-0.42	013.00	0
013	Fat, Pretreat (%)	0001	2.867	0.3340	2.913	0.7538	0.2305	11	-0.06	013.02	0
013	Fat, Pretreat (%)	0870	3.252	0.0606	2.913	0.7538	0.2305	11	0.45	013.02	0
013	Fat, Pretreat (%)	0171	3.310	0.1000	2.913	0.7538	0.2305	11	0.53	013.02	0
013	Fat, Pretreat (%)	2312	3.340	0.0200	2.913	0.7538	0.2305	11	0.57	013.02	0
013	Fat, Pretreat (%)	0010	3.600	0.0000	2.913	0.7538	0.2305	11	0.91	013.02	0
013	Fat, Pretreat (%)	0309	4.050	0.1000	2.913	0.7538	0.2305	11	1.51	013.00	0
013	Fat, Pretreat (%)	0407	3.195	1.822	2.913	0.7538	0.2305	11	0.37	013.13	1
014	Fiber, Total Dietary (%)	0227	16.35	0.1000				1		014.01	0



Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
015	Aluminum (ppm)	0407	24.57	0.6969				3		015.41	0
015	Aluminum (ppm)	0407	26.13	3.889				3		015.53	0
015	Aluminum (ppm)	0407	26.52	1.388				3		015.43	0
015	Aluminum (ppm)	0510	2.500	1.000				3		015.43	2
017	Boron (ppm)	0407	30.85	2.399	36.54	3.884	1.163	5		017.53	0
017	Boron (ppm)	0226	35.08	0.0800	36.54	3.884	1.163	5		017.41	0
017	Boron (ppm)	0510	36.50	1.000	36.54	3.884	1.163	5		017.43	0
017	Boron (ppm)	0407	39.85	1.081	36.54	3.884	1.163	5		017.41	0
017	Boron (ppm)	0407	40.40	1.257	36.54	3.884	1.163	5		017.43	0
019	Calcium (%)	0142	0.3490	0.0094	0.3833	0.0250	0.0167	25	-1.37	019.31	0
019	Calcium (%)	0001	0.3527	0.0081	0.3833	0.0250	0.0167	25	-1.23	019.31	0
019	Calcium (%)	0407	0.3543	0.0318	0.3833	0.0250	0.0167	25	-1.16	019.53	0
019	Calcium (%)	2089	0.3550	0.0100	0.3833	0.0250	0.0167	25	-1.13	019.43	0
019	Calcium (%)	0870	0.3621	0.0069	0.3833	0.0250	0.0167	25	-0.85	019.43	0
019	Calcium (%)	0870	0.3693	0.0213	0.3833	0.0250	0.0167	25	-0.56	019.42	0
019	Calcium (%)	0529	0.3700	0.0000	0.3833	0.0250	0.0167	25	-0.53	019.31	0
019	Calcium (%)	0511	0.3700	0.0000	0.3833	0.0250	0.0167	25	-0.53	019.43	0
019	Calcium (%)	0164	0.3720	0.0040	0.3833	0.0250	0.0167	25	-0.45	019.41	0
019	Calcium (%)	0098	0.3750	0.0100	0.3833	0.0250	0.0167	25	-0.33	019.41	0
019	Calcium (%)	0010	0.3750	0.0100	0.3833	0.0250	0.0167	25	-0.33	019.43	0
019	Calcium (%)	0051	0.3773	0.0101	0.3833	0.0250	0.0167	25	-0.24	019.43	0
019	Calcium (%)	0171	0.3800	0.0000	0.3833	0.0250	0.0167	25	-0.13	019.41	0
019	Calcium (%)	0510	0.3800	0.0000	0.3833	0.0250	0.0167	25	-0.13	019.43	0
019	Calcium (%)	0876	0.3874	0.0148	0.3833	0.0250	0.0167	25	0.17	019.43	0
019	Calcium (%)	0160	0.3900	0.0000	0.3833	0.0250	0.0167	25	0.27	019.42	0
019	Calcium (%)	2124	0.3900	0.0000	0.3833	0.0250	0.0167	25	0.27	019.43	0
019	Calcium (%)	2428	0.3900	0.0000	0.3833	0.0250	0.0167	25	0.27	019.53	0
019	Calcium (%)	0027	0.3925	0.0030	0.3833	0.0250	0.0167	25	0.37	019.43	0
019	Calcium (%)	0098	0.4050	0.0100	0.3833	0.0250	0.0167	25	0.87	019.43	0
019	Calcium (%)	0407	0.4056	0.0255	0.3833	0.0250	0.0167	25	0.89	019.41	0
019	Calcium (%)	0407	0.4187	0.0217	0.3833	0.0250	0.0167	25	1.42	019.43	0
019	Calcium (%)	0504	0.4195	0.0770	0.3833	0.0250	0.0167	25	1.45	019.42	0
019	Calcium (%)	0226	0.4250	0.0100	0.3833	0.0250	0.0167	25	1.67	019.41	0
019	Calcium (%)	0226	0.4700	0.0000	0.3833	0.0250	0.0167	25	3.47	019.43	0
019	Calcium (%)	0047	0.5150	0.0900	0.3833	0.0250	0.0167	25	5.27	019.52	1
021	Cobalt (ppm)	0407	0.2692	0.0148	0.3391	0.0882	0.0225	5		021.53	0
021	Cobalt (ppm)	0510	0.2750	0.0300	0.3391	0.0882	0.0225	5		021.43	0
021	Cobalt (ppm)	0171	0.2800	0.0200	0.3391	0.0882	0.0225	5		021.41	0
021	Cobalt (ppm)	0407	0.4316	0.0134	0.3391	0.0882	0.0225	5		021.41	0
021	Cobalt (ppm)	0407	0.4396	0.0342	0.3391	0.0882	0.0225	5		021.43	0
021	Cobalt (ppm)	0164	< 0.5		0.3391	0.0882	0.0225	5		021.31	5
021	Cobalt (ppm)	2428	< 0.5		0.3391	0.0882	0.0225	5		021.53	5

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
021	Cobalt (ppm)	0160	< 1		0.3391	0.0882	0.0225	5		021.42	5
022	Copper (ppm)	0511	13.00	0.0000	14.57	1.013	0.4049	23	-1.55	022.43	0
022	Copper (ppm)	0407	13.49	0.2932	14.57	1.013	0.4049	23	-1.06	022.41	0
022	Copper (ppm)	2124	13.50	0.4000	14.57	1.013	0.4049	23	-1.06	022.43	0
022	Copper (ppm)	0047	13.61	0.0400	14.57	1.013	0.4049	23	-0.95	022.52	0
022	Copper (ppm)	0870	13.65	0.3200	14.57	1.013	0.4049	23	-0.91	022.43	0
022	Copper (ppm)	0407	13.71	0.9416	14.57	1.013	0.4049	23	-0.85	022.53	0
022	Copper (ppm)	0870	13.73	0.4700	14.57	1.013	0.4049	23	-0.83	022.42	0
022	Copper (ppm)	0160	14.00	0.0000	14.57	1.013	0.4049	23	-0.56	022.42	0
022	Copper (ppm)	0510	14.00	0.0000	14.57	1.013	0.4049	23	-0.56	022.43	0
022	Copper (ppm)	0098	14.34	0.1200	14.57	1.013	0.4049	23	-0.23	022.43	0
022	Copper (ppm)	2428	14.50	1.000	14.57	1.013	0.4049	23	-0.07	022.43	0
022	Copper (ppm)	0407	14.71	0.4255	14.57	1.013	0.4049	23	0.13	022.43	0
022	Copper (ppm)	0171	14.72	0.1300	14.57	1.013	0.4049	23	0.14	022.41	0
022	Copper (ppm)	0226	14.90	0.3600	14.57	1.013	0.4049	23	0.33	022.43	0
022	Copper (ppm)	0051	14.91	0.1100	14.57	1.013	0.4049	23	0.33	022.43	0
022	Copper (ppm)	0164	15.00	0.0000	14.57	1.013	0.4049	23	0.42	022.41	0
022	Copper (ppm)	0010	15.10	0.2500	14.57	1.013	0.4049	23	0.52	022.33	0
022	Copper (ppm)	0098	15.31	0.8700	14.57	1.013	0.4049	23	0.72	022.41	0
022	Copper (ppm)	0027	15.38	0.3730	14.57	1.013	0.4049	23	0.80	022.43	0
022	Copper (ppm)	0504	15.60	0.6000	14.57	1.013	0.4049	23	1.02	022.42	0
022	Copper (ppm)	2089	15.76	0.6000	14.57	1.013	0.4049	23	1.17	022.43	0
022	Copper (ppm)	0529	16.57	0.3700	14.57	1.013	0.4049	23	1.97	022.31	0
022	Copper (ppm)	0226	16.67	0.0200	14.57	1.013	0.4049	23	2.07	022.41	0
025	Iron (ppm)	0511	92.50	3.000	105.1	8.633	3.449	22	-1.46	025.43	0
025	Iron (ppm)	0870	93.29	4.540	105.1	8.633	3.449	22	-1.36	025.42	0
025	Iron (ppm)	0407	95.23	6.002	105.1	8.633	3.449	22	-1.14	025.53	0
025	Iron (ppm)	0047	95.68	1.430	105.1	8.633	3.449	22	-1.09	025.52	0
025	Iron (ppm)	0051	97.86	2.150	105.1	8.633	3.449	22	-0.84	025.43	0
025	Iron (ppm)	0510	98.50	3.000	105.1	8.633	3.449	22	-0.76	025.43	0
025	Iron (ppm)	0160	99.30	0.2000	105.1	8.633	3.449	22	-0.67	025.42	0
025	Iron (ppm)	0164	100.5	1.000	105.1	8.633	3.449	22	-0.53	025.41	0
025	Iron (ppm)	0098	104.4	1.600	105.1	8.633	3.449	22	-0.08	025.41	0
025	Iron (ppm)	0504	104.5	5.000	105.1	8.633	3.449	22	-0.07	025.42	0
025	Iron (ppm)	0870	104.5	6.200	105.1	8.633	3.449	22	-0.07	025.43	0
025	Iron (ppm)	2124	106.6	1.990	105.1	8.633	3.449	22	0.17	025.43	0
025	Iron (ppm)	0171	107.1	0.6000	105.1	8.633	3.449	22	0.24	025.41	0
025	Iron (ppm)	0226	108.8	1.970	105.1	8.633	3.449	22	0.43	025.41	0
025	Iron (ppm)	0407	109.4	14.86	105.1	8.633	3.449	22	0.50	025.41	0
025	Iron (ppm)	0876	109.8	6.190	105.1	8.633	3.449	22	0.55	025.43	0
025	Iron (ppm)	2428	110.0	0.0000	105.1	8.633	3.449	22	0.57	025.53	0
025	Iron (ppm)	0407	110.3	1.494	105.1	8.633	3.449	22	0.60	025.43	0

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025	Iron (ppm)	0529	114.3	1.870	105.1	8.633	3.449	22	1.07	025.31	0
025	Iron (ppm)	0098	114.5	4.500	105.1	8.633	3.449	22	1.09	025.43	0
025	Iron (ppm)	0226	116.5	3.570	105.1	8.633	3.449	22	1.33	025.43	0
025	Iron (ppm)	2089	130.1	1.260	105.1	8.633	3.449	22	2.90	025.43	0
025	Iron (ppm)	0001	109.0	19.47	105.1	8.633	3.449	22	0.45	025.31	1
027	Magnesium (%)	0407	0.2802	0.0275	0.3017	0.0125	0.0107	23	-1.72	027.53	0
027	Magnesium (%)	0529	0.2845	0.0090	0.3017	0.0125	0.0107	23	-1.37	027.31	0
027	Magnesium (%)	0510	0.2900	0.0000	0.3017	0.0125	0.0107	23	-0.93	027.43	0
027	Magnesium (%)	0407	0.2923	0.0116	0.3017	0.0125	0.0107	23	-0.75	027.41	0
027	Magnesium (%)	0142	0.2927	0.0043	0.3017	0.0125	0.0107	23	-0.72	027.31	0
027	Magnesium (%)	0001	0.2935	0.0094	0.3017	0.0125	0.0107	23	-0.65	027.31	0
027	Magnesium (%)	0160	0.2950	0.0100	0.3017	0.0125	0.0107	23	-0.53	027.42	0
027	Magnesium (%)	0511	0.2950	0.0100	0.3017	0.0125	0.0107	23	-0.53	027.43	0
027	Magnesium (%)	0407	0.2956	0.0046	0.3017	0.0125	0.0107	23	-0.48	027.43	0
027	Magnesium (%)	0870	0.2962	0.0076	0.3017	0.0125	0.0107	23	-0.44	027.43	0
027	Magnesium (%)	0870	0.2979	0.0110	0.3017	0.0125	0.0107	23	-0.30	027.42	0
027	Magnesium (%)	0047	0.2985	0.0090	0.3017	0.0125	0.0107	23	-0.25	027.52	0
027	Magnesium (%)	0164	0.3005	0.0170	0.3017	0.0125	0.0107	23	-0.09	027.41	0
027	Magnesium (%)	0226	0.3050	0.0100	0.3017	0.0125	0.0107	23	0.27	027.43	0
027	Magnesium (%)	2124	0.3050	0.0100	0.3017	0.0125	0.0107	23	0.27	027.43	0
027	Magnesium (%)	0051	0.3088	0.0026	0.3017	0.0125	0.0107	23	0.57	027.43	0
027	Magnesium (%)	0876	0.3092	0.0206	0.3017	0.0125	0.0107	23	0.60	027.43	0
027	Magnesium (%)	0098	0.3100	0.0000	0.3017	0.0125	0.0107	23	0.66	027.41	0
027	Magnesium (%)	2089	0.3100	0.0000	0.3017	0.0125	0.0107	23	0.66	027.43	0
027	Magnesium (%)	0171	0.3150	0.0100	0.3017	0.0125	0.0107	23	1.06	027.41	0
027	Magnesium (%)	2428	0.3200	0.0000	0.3017	0.0125	0.0107	23	1.46	027.53	0
027	Magnesium (%)	0226	0.3250	0.0100	0.3017	0.0125	0.0107	23	1.86	027.41	0
027	Magnesium (%)	0098	0.3250	0.0100	0.3017	0.0125	0.0107	23	1.86	027.43	0
027	Magnesium (%)	0504	0.3350	0.0520	0.3017	0.0125	0.0107	23	2.66	027.42	1
028	Manganese (ppm)	0510	48.50	1.000	53.04	3.291	1.249	24	-1.38	028.43	0
028	Manganese (ppm)	0511	48.50	1.000	53.04	3.291	1.249	24	-1.38	028.43	0
028	Manganese (ppm)	0870	48.73	1.420	53.04	3.291	1.249	24	-1.31	028.43	0
028	Manganese (ppm)	0407	49.54	1.031	53.04	3.291	1.249	24	-1.06	028.53	0
028	Manganese (ppm)	0047	49.79	0.6200	53.04	3.291	1.249	24	-0.99	028.52	0
028	Manganese (ppm)	0870	49.96	1.030	53.04	3.291	1.249	24	-0.94	028.42	0
028	Manganese (ppm)	0164	50.00	0.0000	53.04	3.291	1.249	24	-0.92	028.41	0
028	Manganese (ppm)	0226	52.13	0.6600	53.04	3.291	1.249	24	-0.28	028.43	0
028	Manganese (ppm)	0504	52.35	1.300	53.04	3.291	1.249	24	-0.21	028.42	0
028	Manganese (ppm)	0051	52.64	1.150	53.04	3.291	1.249	24	-0.12	028.43	0
028	Manganese (ppm)	0171	52.75	0.1500	53.04	3.291	1.249	24	-0.09	028.41	0
028	Manganese (ppm)	0160	53.25	0.7000	53.04	3.291	1.249	24	0.06	028.42	0
028	Manganese (ppm)	0529	53.44	3.880	53.04	3.291	1.249	24	0.12	028.31	0



Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
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028	Manganese (ppm)	0098	53.74	0.5600	53.04	3.291	1.249	24	0.21	028.41	0
028	Manganese (ppm)	0001	53.85	0.8000	53.04	3.291	1.249	24	0.25	028.31	0
028	Manganese (ppm)	2428	54.00	0.0000	53.04	3.291	1.249	24	0.29	028.53	0
028	Manganese (ppm)	2124	54.73	1.860	53.04	3.291	1.249	24	0.51	028.43	0
028	Manganese (ppm)	0098	55.62	1.000	53.04	3.291	1.249	24	0.78	028.43	0
028	Manganese (ppm)	0027	55.70	1.703	53.04	3.291	1.249	24	0.81	028.43	0
028	Manganese (ppm)	0407	56.03	1.420	53.04	3.291	1.249	24	0.91	028.41	0
028	Manganese (ppm)	0876	56.21	3.115	53.04	3.291	1.249	24	0.96	028.43	0
028	Manganese (ppm)	0407	56.41	1.072	53.04	3.291	1.249	24	1.02	028.43	0
028	Manganese (ppm)	2089	57.19	1.530	53.04	3.291	1.249	24	1.26	028.43	0
028	Manganese (ppm)	0226	59.42	0.4800	53.04	3.291	1.249	24	1.94	028.41	0
031	Phosphorus (%)	0051	0.6293	0.0023	0.6978	0.0309	0.0163	26	-2.22	031.43	0
031	Phosphorus (%)	0142	0.6534	0.0034	0.6978	0.0309	0.0163	26	-1.44	031.01	0
031	Phosphorus (%)	0047	0.6550	0.0100	0.6978	0.0309	0.0163	26	-1.39	031.42	0
031	Phosphorus (%)	0407	0.6664	0.0673	0.6978	0.0309	0.0163	26	-1.02	031.53	0
031	Phosphorus (%)	0001	0.6720	0.0180	0.6978	0.0309	0.0163	26	-0.83	031.43	0
031	Phosphorus (%)	0171	0.6750	0.0100	0.6978	0.0309	0.0163	26	-0.74	031.41	0
031	Phosphorus (%)	0010	0.6750	0.0100	0.6978	0.0309	0.0163	26	-0.74	031.43	0
031	Phosphorus (%)	0511	0.6800	0.0000	0.6978	0.0309	0.0163	26	-0.58	031.43	0
031	Phosphorus (%)	0164	0.6830	0.0060	0.6978	0.0309	0.0163	26	-0.48	031.41	0
031	Phosphorus (%)	0226	0.6850	0.0100	0.6978	0.0309	0.0163	26	-0.41	031.43	0
031	Phosphorus (%)	0529	0.6950	0.0100	0.6978	0.0309	0.0163	26	-0.09	031.01	0
031	Phosphorus (%)	0226	0.6950	0.0100	0.6978	0.0309	0.0163	26	-0.09	031.41	0
031	Phosphorus (%)	2089	0.6950	0.0100	0.6978	0.0309	0.0163	26	-0.09	031.43	0
031	Phosphorus (%)	0001	0.7000	0.0080	0.6978	0.0309	0.0163	26	0.07	031.03	0
031	Phosphorus (%)	2124	0.7000	0.0200	0.6978	0.0309	0.0163	26	0.07	031.43	0
031	Phosphorus (%)	0160	0.7050	0.0300	0.6978	0.0309	0.0163	26	0.23	031.42	0
031	Phosphorus (%)	0027	0.7085	0.0010	0.6978	0.0309	0.0163	26	0.35	031.43	0
031	Phosphorus (%)	0098	0.7141	0.0007	0.6978	0.0309	0.0163	26	0.53	031.41	0
031	Phosphorus (%)	0510	0.7150	0.0300	0.6978	0.0309	0.0163	26	0.56	031.43	0
031	Phosphorus (%)	0407	0.7171	0.0231	0.6978	0.0309	0.0163	26	0.62	031.41	0
031	Phosphorus (%)	0870	0.7231	0.0066	0.6978	0.0309	0.0163	26	0.82	031.42	0
031	Phosphorus (%)	0876	0.7244	0.0287	0.6978	0.0309	0.0163	26	0.86	031.43	0
031	Phosphorus (%)	2428	0.7300	0.0000	0.6978	0.0309	0.0163	26	1.04	031.53	0
031	Phosphorus (%)	0870	0.7380	0.0239	0.6978	0.0309	0.0163	26	1.30	031.43	0
031	Phosphorus (%)	0098	0.7416	0.0331	0.6978	0.0309	0.0163	26	1.42	031.43	0
031	Phosphorus (%)	0407	0.7466	0.0192	0.6978	0.0309	0.0163	26	1.58	031.43	0
031	Phosphorus (%)	0504	0.8300	0.3260	0.6978	0.0309	0.0163	26	4.28	031.42	1
032	Potassium (%)	0027	2.138	0.0510	2.327	0.1133	0.0709	28	-1.67	032.43	0
032	Potassium (%)	0504	2.142	0.1200	2.327	0.1133	0.0709	28	-1.63	032.42	0
032	Potassium (%)	0407	2.196	0.2126	2.327	0.1133	0.0709	28	-1.16	032.53	0
032	Potassium (%)	0160	2.200	0.0200	2.327	0.1133	0.0709	28	-1.12	032.42	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
032	Potassium (%)	0529	2.205	0.0100	2.327	0.1133	0.0709	28	-1.08	032.31	0
032	Potassium (%)	0047	2.205	0.2500	2.327	0.1133	0.0709	28	-1.08	032.42	0
032	Potassium (%)	0510	2.250	0.0000	2.327	0.1133	0.0709	28	-0.68	032.43	0
032	Potassium (%)	0407	2.260	0.0168	2.327	0.1133	0.0709	28	-0.59	032.41	0
032	Potassium (%)	2089	2.260	0.0200	2.327	0.1133	0.0709	28	-0.59	032.43	0
032	Potassium (%)	0171	2.285	0.0100	2.327	0.1133	0.0709	28	-0.37	032.41	0
032	Potassium (%)	0226	2.295	0.0300	2.327	0.1133	0.0709	28	-0.28	032.43	0
032	Potassium (%)	0511	2.300	0.0200	2.327	0.1133	0.0709	28	-0.24	032.43	0
032	Potassium (%)	0142	2.312	0.0004	2.327	0.1133	0.0709	28	-0.13	032.31	0
032	Potassium (%)	2124	2.345	0.0700	2.327	0.1133	0.0709	28	0.16	032.43	0
032	Potassium (%)	0407	2.349	0.0366	2.327	0.1133	0.0709	28	0.19	032.43	0
032	Potassium (%)	2428	2.350	0.1000	2.327	0.1133	0.0709	28	0.20	032.53	0
032	Potassium (%)	0870	2.355	0.0640	2.327	0.1133	0.0709	28	0.24	032.43	0
032	Potassium (%)	0098	2.360	0.0400	2.327	0.1133	0.0709	28	0.29	032.43	0
032	Potassium (%)	0208	2.394	0.2300	2.327	0.1133	0.0709	28	0.59	032.41	0
032	Potassium (%)	0010	2.395	0.1300	2.327	0.1133	0.0709	28	0.60	032.43	0
032	Potassium (%)	0051	2.395	0.0374	2.327	0.1133	0.0709	28	0.60	032.43	0
032	Potassium (%)	0164	2.400	0.0400	2.327	0.1133	0.0709	28	0.64	032.41	0
032	Potassium (%)	0208	2.405	0.0500	2.327	0.1133	0.0709	28	0.69	032.31	0
032	Potassium (%)	0876	2.416	0.1230	2.327	0.1133	0.0709	28	0.78	032.43	0
032	Potassium (%)	0098	2.460	0.0200	2.327	0.1133	0.0709	28	1.17	032.41	0
032	Potassium (%)	0001	2.463	0.0060	2.327	0.1133	0.0709	28	1.20	032.99	0
032	Potassium (%)	0870	2.585	0.1660	2.327	0.1133	0.0709	28	2.27	032.42	0
032	Potassium (%)	0226	2.650	0.0400	2.327	0.1133	0.0709	28	2.85	032.41	0
033	Salt as chloride (%)	0510	0.0165	0.0000	0.0326	0.0224	0.0100	4		033.01	0
033	Salt as chloride (%)	0407	0.0190	0.0000	0.0326	0.0224	0.0100	4		033.01	0
033	Salt as chloride (%)	0226	0.0300	0.0000	0.0326	0.0224	0.0100	4		033.01	0
033	Salt as chloride (%)	0098	0.0650	0.0100	0.0326	0.0224	0.0100	4		033.01	0
033	Salt as chloride (%)	0650	0.0750	0.0900	0.0326	0.0224	0.0100	4		033.99	1
033	Salt as chloride (%)	2023	< 0.05		0.0326	0.0224	0.0100	4		033.01	5
033	Salt as chloride (%)	0309	< 0.1		0.0326	0.0224	0.0100	4		033.00	5
033	Salt as chloride (%)	0164	< 0.1		0.0326	0.0224	0.0100	4		033.01	5
034	Selenium, Total (Se) (ppm)	0164	0.1920	0.0020				3		034.04	0
034	Selenium, Total (Se) (ppm)	0407	0.2601	0.0412				3		034.53	0
034	Selenium, Total (Se) (ppm)	0010	0.3850	0.0100				3		034.53	0
034	Selenium, Total (Se) (ppm)	2428	< 0.5					3		034.53	5
034	Selenium, Total (Se) (ppm)	0160	< 10					3		034.42	5
035	Sodium (%)	0407	0.0020	0.0000	0.0083	0.0081	0.0006	14	-0.78	035.53	0
035	Sodium (%)	2428	0.0024	0.0000	0.0083	0.0081	0.0006	14	-0.73	035.53	0
035	Sodium (%)	0051	0.0025	0.0004	0.0083	0.0081	0.0006	14	-0.72	035.43	0
035	Sodium (%)	0870	0.0032	0.0001	0.0083	0.0081	0.0006	14	-0.64	035.43	0
035	Sodium (%)	0098	0.0035	0.0010	0.0083	0.0081	0.0006	14	-0.59	035.43	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
035	Sodium (%)	0870	0.0039	0.0002	0.0083	0.0081	0.0006	14	-0.54	035.42	0
035	Sodium (%)	0098	0.0040	0.0000	0.0083	0.0081	0.0006	14	-0.53	035.41	0
035	Sodium (%)	0407	0.0041	0.0002	0.0083	0.0081	0.0006	14	-0.52	035.43	0
035	Sodium (%)	0164	0.0065	0.0010	0.0083	0.0081	0.0006	14	-0.22	035.41	0
035	Sodium (%)	2089	0.0100	0.0000	0.0083	0.0081	0.0006	14	0.21	035.43	0
035	Sodium (%)	0510	0.0145	0.0010	0.0083	0.0081	0.0006	14	0.76	035.43	0
035	Sodium (%)	0171	0.0200	0.0000	0.0083	0.0081	0.0006	14	1.44	035.41	0
035	Sodium (%)	0226	0.0200	0.0000	0.0083	0.0081	0.0006	14	1.44	035.41	0
035	Sodium (%)	0226	0.0200	0.0000	0.0083	0.0081	0.0006	14	1.44	035.43	0
035	Sodium (%)	0407	0.0062	0.0021	0.0083	0.0081	0.0006	14	-0.27	035.41	1
035	Sodium (%)	0160	< 0.01		0.0083	0.0081	0.0006	14		035.42	5
035	Sodium (%)	2124	< 0.01		0.0083	0.0081	0.0006	14		035.43	5
036	Sulfur (%)	0171	0.2450	0.0300	0.3964	0.0258	0.0133	13	-5.86	036.42	0
036	Sulfur (%)	0870	0.3745	0.0033	0.3964	0.0258	0.0133	13	-0.85	036.42	0
036	Sulfur (%)	0160	0.3750	0.0100	0.3964	0.0258	0.0133	13	-0.83	036.42	0
036	Sulfur (%)	0407	0.3751	0.0149	0.3964	0.0258	0.0133	13	-0.82	036.42	0
036	Sulfur (%)	0870	0.3805	0.0154	0.3964	0.0258	0.0133	13	-0.61	036.43	0
036	Sulfur (%)	0407	0.3807	0.0070	0.3964	0.0258	0.0133	13	-0.61	036.43	0
036	Sulfur (%)	0164	0.4100	0.0000	0.3964	0.0258	0.0133	13	0.53	036.42	0
036	Sulfur (%)	2089	0.4100	0.0000	0.3964	0.0258	0.0133	13	0.53	036.43	0
036	Sulfur (%)	0510	0.4100	0.0200	0.3964	0.0258	0.0133	13	0.53	036.43	0
036	Sulfur (%)	0876	0.4129	0.0078	0.3964	0.0258	0.0133	13	0.64	036.43	0
036	Sulfur (%)	2428	0.4200	0.0200	0.3964	0.0258	0.0133	13	0.92	036.43	0
036	Sulfur (%)	0098	0.4215	0.0077	0.3964	0.0258	0.0133	13	0.97	036.43	0
036	Sulfur (%)	0226	0.4250	0.0100	0.3964	0.0258	0.0133	13	1.11	036.04	0
037	Zinc (ppm)	0870	46.31	0.8700	55.12	4.483	1.693	23	-1.97	037.42	0
037	Zinc (ppm)	0511	48.50	1.000	55.12	4.483	1.693	23	-1.48	037.43	0
037	Zinc (ppm)	0407	50.12	3.520	55.12	4.483	1.693	23	-1.12	037.53	0
037	Zinc (ppm)	0051	50.91	1.580	55.12	4.483	1.693	23	-0.94	037.43	0
037	Zinc (ppm)	0870	51.25	2.120	55.12	4.483	1.693	23	-0.86	037.43	0
037	Zinc (ppm)	0510	51.50	1.000	55.12	4.483	1.693	23	-0.81	037.43	0
037	Zinc (ppm)	0164	52.00	0.0000	55.12	4.483	1.693	23	-0.70	037.41	0
037	Zinc (ppm)	0001	52.49	1.640	55.12	4.483	1.693	23	-0.59	037.31	0
037	Zinc (ppm)	0160	53.40	0.2000	55.12	4.483	1.693	23	-0.38	037.42	0
037	Zinc (ppm)	2124	54.18	0.1700	55.12	4.483	1.693	23	-0.21	037.43	0
037	Zinc (ppm)	2089	55.56	1.040	55.12	4.483	1.693	23	0.10	037.43	0
037	Zinc (ppm)	0529	55.69	0.6200	55.12	4.483	1.693	23	0.13	037.31	0
037	Zinc (ppm)	2428	56.00	0.0000	55.12	4.483	1.693	23	0.20	037.53	0
037	Zinc (ppm)	0047	56.53	4.450	55.12	4.483	1.693	23	0.31	037.52	0
037	Zinc (ppm)	0407	57.32	3.563	55.12	4.483	1.693	23	0.49	037.41	0
037	Zinc (ppm)	0226	57.82	0.3600	55.12	4.483	1.693	23	0.60	037.43	0
037	Zinc (ppm)	0098	58.10	0.7100	55.12	4.483	1.693	23	0.66	037.41	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
037	Zinc (ppm)	0407	58.14	0.2086	55.12	4.483	1.693	23	0.67	037.43	0
037	Zinc (ppm)	0171	58.47	0.0800	55.12	4.483	1.693	23	0.75	037.41	0
037	Zinc (ppm)	0226	58.83	0.7300	55.12	4.483	1.693	23	0.83	037.41	0
037	Zinc (ppm)	0504	59.00	0.0000	55.12	4.483	1.693	23	0.86	037.42	0
037	Zinc (ppm)	0876	61.82	6.095	55.12	4.483	1.693	23	1.49	037.43	0
037	Zinc (ppm)	0098	63.03	3.900	55.12	4.483	1.693	23	1.76	037.43	0
037	Zinc (ppm)	0010	61.70	11.60	55.12	4.483	1.693	23	1.47	037.33	1
038	Molybdenum (ppm)	0510	1.700	0.2000	1.994	0.2052	0.1169	9	-1.43	038.43	0
038	Molybdenum (ppm)	0171	1.850	0.0200	1.994	0.2052	0.1169	9	-0.70	038.41	0
038	Molybdenum (ppm)	0407	1.862	0.1284	1.994	0.2052	0.1169	9	-0.64	038.53	0
038	Molybdenum (ppm)	0407	1.886	0.1354	1.994	0.2052	0.1169	9	-0.53	038.41	0
038	Molybdenum (ppm)	0160	2.050	0.1000	1.994	0.2052	0.1169	9	0.27	038.42	0
038	Molybdenum (ppm)	0407	2.065	0.2780	1.994	0.2052	0.1169	9	0.35	038.43	0
038	Molybdenum (ppm)	0164	2.080	0.0200	1.994	0.2052	0.1169	9	0.42	038.51	0
038	Molybdenum (ppm)	0226	2.205	0.0700	1.994	0.2052	0.1169	9	1.03	038.41	0
038	Molybdenum (ppm)	2428	2.250	0.1000	1.994	0.2052	0.1169	9	1.25	038.53	0
040	Barium (ppm)	0407	12.93	0.5757				1		040.53	0
041	Vanadium (ppm)	0407	0.0773	0.0035				1		041.53	0
042	Chloride (%)	0226	0.0300	0.0000				1		042.00	0
101	Choline Chloride (ppm)	0227	< 0.06					0		101.02	5
102	Niacin (ppm)	0227	24.55	0.5000				1		102.01	0
103	Pantothenic Acid (ppm)	0227	11.20	0.2000				1		103.01	0
104	Riboflavin (ppm)	0227	2.020	0.4000				1		104.00	0
105	Thiamine (ppm)	0227	31.25	0.9000				1		105.01	0
107	Vitamin B12 (ppb)	0227	< 4.4					0		107.00	5
109	Vitamin E (IU / kg)	0227	1.745	0.0900				1		109.02	0
112	Pyridoxine (µg / g)	0227	5.965	0.0300				1		112.01	0
113	Folic Acid (ppm)	0227	2.765	0.1700				1		113.01	0
114	Biotin (ppm)	0227	0.4150	0.0160				1		114.01	0
120	Alanine (%)	2428	2.060	0.0000	2.136	0.0538	0.0127	5		120.99	0
120	Alanine (%)	0504	2.110	0.0200	2.136	0.0538	0.0127	5		120.00	0
120	Alanine (%)	0226	2.139	0.0192	2.136	0.0538	0.0127	5		120.00	0
120	Alanine (%)	0870	2.176	0.0014	2.136	0.0538	0.0127	5		120.00	0
120	Alanine (%)	0227	2.195	0.0100	2.136	0.0538	0.0127	5		120.00	0
120	Alanine (%)	0407	1.899	0.0980	2.136	0.0538	0.0127	5		120.05	1
121	Arginine (%)	2428	3.010	0.0400	3.408	0.1202	0.0498	6	-3.31	121.99	0
121	Arginine (%)	0407	3.346	0.1540	3.408	0.1202	0.0498	6	-0.52	121.05	0
121	Arginine (%)	0226	3.420	0.0248	3.408	0.1202	0.0498	6	0.10	121.00	0
121	Arginine (%)	0870	3.460	0.0298	3.408	0.1202	0.0498	6	0.43	121.00	0
121	Arginine (%)	0504	3.475	0.0100	3.408	0.1202	0.0498	6	0.55	121.00	0
121	Arginine (%)	0227	3.520	0.0400	3.408	0.1202	0.0498	6	0.93	121.00	0
122	Aspartic (%)	0407	4.119	0.1890	5.320	0.6765	0.0744	5		122.05	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
122	Aspartic (%)	0504	5.530	0.0600	5.320	0.6765	0.0744	5		122.00	0
122	Aspartic (%)	0226	5.552	0.0471	5.320	0.6765	0.0744	5		122.00	0
122	Aspartic (%)	0870	5.679	0.0561	5.320	0.6765	0.0744	5		122.00	0
122	Aspartic (%)	0227	5.720	0.0200	5.320	0.6765	0.0744	5		122.00	0
122	Aspartic (%)	2428	4.205	1.910	5.320	0.6765	0.0744	5		122.99	1
124	Cysteine/Cystine (%)	0227	0.6700	0.0000	0.7002	0.0286	0.0121	6	-1.06	124.00	0
124	Cysteine/Cystine (%)	0226	0.6811	0.0146	0.7002	0.0286	0.0121	6	-0.67	124.00	0
124	Cysteine/Cystine (%)	0407	0.6856	0.0136	0.7002	0.0286	0.0121	6	-0.51	124.05	0
124	Cysteine/Cystine (%)	0870	0.7098	0.0023	0.7002	0.0286	0.0121	6	0.33	124.00	0
124	Cysteine/Cystine (%)	2428	0.7200	0.0200	0.7002	0.0286	0.0121	6	0.69	124.99	0
124	Cysteine/Cystine (%)	0504	0.7350	0.0100	0.7002	0.0286	0.0121	6	1.21	124.00	0
125	Glutamic (%)	0407	7.697	0.1330	8.880	0.6981	0.0860	5		125.05	0
125	Glutamic (%)	0504	8.920	0.1000	8.880	0.6981	0.0860	5		125.00	0
125	Glutamic (%)	0227	9.115	0.0100	8.880	0.6981	0.0860	5		125.00	0
125	Glutamic (%)	0870	9.132	0.0371	8.880	0.6981	0.0860	5		125.00	0
125	Glutamic (%)	0226	9.535	0.1499	8.880	0.6981	0.0860	5		125.00	0
125	Glutamic (%)	2428	6.915	3.190	8.880	0.6981	0.0860	5		125.99	1
126	Glycine (%)	0504	2.055	0.0100	2.090	0.0436	0.0662	6	-0.80	126.00	0
126	Glycine (%)	0870	2.058	0.0038	2.090	0.0436	0.0662	6	-0.73	126.00	0
126	Glycine (%)	0226	2.071	0.0102	2.090	0.0436	0.0662	6	-0.44	126.00	0
126	Glycine (%)	2428	2.080	0.1200	2.090	0.0436	0.0662	6	-0.23	126.99	0
126	Glycine (%)	0227	2.130	0.0200	2.090	0.0436	0.0662	6	0.92	126.00	0
126	Glycine (%)	0407	2.146	0.2330	2.090	0.0436	0.0662	6	1.28	126.05	0
127	Histidine (%)	0407	1.111	0.0200	1.271	0.1205	0.0214	6	-1.33	127.05	0
127	Histidine (%)	2428	1.205	0.0700	1.271	0.1205	0.0214	6	-0.55	127.99	0
127	Histidine (%)	0504	1.275	0.0100	1.271	0.1205	0.0214	6	0.04	127.00	0
127	Histidine (%)	0227	1.285	0.0100	1.271	0.1205	0.0214	6	0.12	127.00	0
127	Histidine (%)	0870	1.324	0.0041	1.271	0.1205	0.0214	6	0.45	127.00	0
127	Histidine (%)	0226	1.424	0.0140	1.271	0.1205	0.0214	6	1.27	127.00	0
128	Isoleucine (%)	2428	1.940	0.1200	2.181	0.2009	0.0879	6	-1.20	128.99	0
128	Isoleucine (%)	0407	2.057	0.2520	2.181	0.2009	0.0879	6	-0.62	128.05	0
128	Isoleucine (%)	0226	2.102	0.0315	2.181	0.2009	0.0879	6	-0.39	128.00	0
128	Isoleucine (%)	0870	2.266	0.0239	2.181	0.2009	0.0879	6	0.42	128.00	0
128	Isoleucine (%)	0227	2.305	0.0300	2.181	0.2009	0.0879	6	0.62	128.00	0
128	Isoleucine (%)	0504	2.415	0.0700	2.181	0.2009	0.0879	6	1.17	128.00	0
129	Leucine (%)	0407	3.181	0.1880	3.676	0.2291	0.0692	6	-2.16	129.05	0
129	Leucine (%)	2428	3.530	0.1200	3.676	0.2291	0.0692	6	-0.64	129.99	0
129	Leucine (%)	0870	3.767	0.0013	3.676	0.2291	0.0692	6	0.40	129.00	0
129	Leucine (%)	0504	3.780	0.0600	3.676	0.2291	0.0692	6	0.45	129.00	0
129	Leucine (%)	0226	3.793	0.0160	3.676	0.2291	0.0692	6	0.51	129.00	0
129	Leucine (%)	0227	3.855	0.0300	3.676	0.2291	0.0692	6	0.78	129.00	0
130	L-Lysine (%)	0407	2.475	0.1330	2.994	0.3105	0.0719	5		130.05	0



Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
130	L-Lysine (%)	0226	2.956	0.0479	2.994	0.3105	0.0719	5		130.00	0
130	L-Lysine (%)	0504	3.100	0.0400	2.994	0.3105	0.0719	5		130.00	0
130	L-Lysine (%)	0227	3.185	0.1300	2.994	0.3105	0.0719	5		130.00	0
130	L-Lysine (%)	0870	3.252	0.0088	2.994	0.3105	0.0719	5		130.00	0
130	L-Lysine (%)	2428	2.530	1.180	2.994	0.3105	0.0719	5		130.99	1
131	Methionine (%)	0226	0.6274	0.0263	0.7121	0.0678	0.0225	6	-1.25	131.00	0
131	Methionine (%)	2428	0.6630	0.0020	0.7121	0.0678	0.0225	6	-0.72	131.99	0
131	Methionine (%)	0504	0.7050	0.0100	0.7121	0.0678	0.0225	6	-0.10	131.00	0
131	Methionine (%)	0227	0.7400	0.0000	0.7121	0.0678	0.0225	6	0.41	131.00	0
131	Methionine (%)	0407	0.7452	0.0428	0.7121	0.0678	0.0225	6	0.49	131.05	0
131	Methionine (%)	0870	0.7920	0.0313	0.7121	0.0678	0.0225	6	1.18	131.00	0
132	Phenylalanine (%)	0407	2.329	0.0310	2.505	0.1421	0.0271	6	-1.24	132.05	0
132	Phenylalanine (%)	0226	2.399	0.0085	2.505	0.1421	0.0271	6	-0.74	132.00	0
132	Phenylalanine (%)	0504	2.525	0.0300	2.505	0.1421	0.0271	6	0.14	132.00	0
132	Phenylalanine (%)	0227	2.540	0.0200	2.505	0.1421	0.0271	6	0.25	132.00	0
132	Phenylalanine (%)	0870	2.551	0.0029	2.505	0.1421	0.0271	6	0.33	132.00	0
132	Phenylalanine (%)	2428	2.685	0.0700	2.505	0.1421	0.0271	6	1.27	132.99	0
133	Proline (%)	0407	2.173	0.2460	2.384	0.1894	0.0994	6	-1.11	133.05	0
133	Proline (%)	2428	2.190	0.1400	2.384	0.1894	0.0994	6	-1.02	133.99	0
133	Proline (%)	0504	2.410	0.0800	2.384	0.1894	0.0994	6	0.14	133.00	0
133	Proline (%)	0870	2.450	0.0079	2.384	0.1894	0.0994	6	0.35	133.00	0
133	Proline (%)	0226	2.493	0.0125	2.384	0.1894	0.0994	6	0.58	133.00	0
133	Proline (%)	0227	2.585	0.1100	2.384	0.1894	0.0994	6	1.06	133.00	0
134	Serine (%)	0407	1.609	0.0060	2.256	0.4179	0.0259	5		134.05	0
134	Serine (%)	0504	2.060	0.0000	2.256	0.4179	0.0259	5		134.00	0
134	Serine (%)	0227	2.495	0.0500	2.256	0.4179	0.0259	5		134.00	0
134	Serine (%)	0226	2.527	0.0433	2.256	0.4179	0.0259	5		134.00	0
134	Serine (%)	0870	2.589	0.0042	2.256	0.4179	0.0259	5		134.00	0
134	Serine (%)	2428	2.405	0.2300	2.256	0.4179	0.0259	5		134.99	1
135	Threonine (%)	0407	1.308	0.0180	1.811	0.2889	0.0164	5		135.05	0
135	Threonine (%)	0226	1.852	0.0188	1.811	0.2889	0.0164	5		135.00	0
135	Threonine (%)	0504	1.895	0.0100	1.811	0.2889	0.0164	5		135.00	0
135	Threonine (%)	0227	1.980	0.0200	1.811	0.2889	0.0164	5		135.00	0
135	Threonine (%)	0870	2.020	0.0151	1.811	0.2889	0.0164	5		135.00	0
135	Threonine (%)	2428	1.770	0.1600	1.811	0.2889	0.0164	5		135.99	1
136	Tryptophan (%)	2428	0.5850	0.0300	0.6721	0.0682	0.0201	6	-1.28	136.99	0
136	Tryptophan (%)	0226	0.6316	0.0261	0.6721	0.0682	0.0201	6	-0.59	136.03	0
136	Tryptophan (%)	0504	0.6650	0.0100	0.6721	0.0682	0.0201	6	-0.10	136.99	0
136	Tryptophan (%)	0407	0.6770	0.0020	0.6721	0.0682	0.0201	6	0.07	136.05	0
136	Tryptophan (%)	0870	0.7242	0.0322	0.6721	0.0682	0.0201	6	0.76	136.00	0
136	Tryptophan (%)	0227	0.7500	0.0000	0.6721	0.0682	0.0201	6	1.14	136.00	0
137	Tyrosine (%)	2428	1.205	0.0300	1.575	0.1760	0.0202	6	-2.10	137.99	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
137	Tyrosine (%)	0407	1.523	0.0130	1.575	0.1760	0.0202	6	-0.30	137.05	0
137	Tyrosine (%)	0870	1.531	0.0158	1.575	0.1760	0.0202	6	-0.25	137.00	0
137	Tyrosine (%)	0227	1.660	0.0400	1.575	0.1760	0.0202	6	0.48	137.00	0
137	Tyrosine (%)	0226	1.697	0.0026	1.575	0.1760	0.0202	6	0.69	137.00	0
137	Tyrosine (%)	0504	1.730	0.0200	1.575	0.1760	0.0202	6	0.88	137.00	0
138	Valine (%)	2428	1.985	0.2300	2.251	0.2012	0.1025	6	-1.32	138.99	0
138	Valine (%)	0407	2.109	0.2520	2.251	0.2012	0.1025	6	-0.71	138.05	0
138	Valine (%)	0226	2.234	0.0150	2.251	0.2012	0.1025	6	-0.09	138.00	0
138	Valine (%)	0870	2.344	0.0280	2.251	0.2012	0.1025	6	0.46	138.00	0
138	Valine (%)	0504	2.385	0.0500	2.251	0.2012	0.1025	6	0.67	138.00	0
138	Valine (%)	0227	2.450	0.0400	2.251	0.2012	0.1025	6	0.99	138.00	0
139	Taurine (%)	0407	0.0100	0.0000				2		139.05	0
139	Taurine (%)	0504	0.1400	0.0000				2		139.00	0
160	Fructose (%)	0227	0.5450	0.0500				1		160.99	0
162	Glucose (%)	0227	< 0.15					0		162.99	5
163	Lactose (%)	0227	< 0.15					0		163.99	5
164	Maltose (%)	0227	< 0.15					0		164.99	5
165	Sucrose (%)	0227	6.365	0.0700				1		165.99	0
166	Raffinose (%)	0227	1.035	0.0100				1		166.99	0
167	Stachyose (%)	0227	5.005	0.0500				1		167.99	0
400	Water Activity (Units)	0051	0.5095	0.0110				3		400.01	0
400	Water Activity (Units)	0010	0.5120	0.0076				3		400.01	0
400	Water Activity (Units)	0407	0.5155	0.0001				3		400.01	0
516	Arsenic, Total (As) (ppm)	2428	0.0135	0.0010				3		516.53	0
516	Arsenic, Total (As) (ppm)	0227	0.0150	0.0020				3		516.53	0
516	Arsenic, Total (As) (ppm)	0407	0.0161	0.0025				3		516.53	0
516	Arsenic, Total (As) (ppm)	2124	< 0.89					3		516.43	5
518	Cadmium (ppm)	0407	0.0337	0.0180	0.0432	0.0087	0.0160	6	-1.09	518.41	0
518	Cadmium (ppm)	0407	0.0396	0.0136	0.0432	0.0087	0.0160	6	-0.41	518.43	0
518	Cadmium (ppm)	0171	0.0400	0.0000	0.0432	0.0087	0.0160	6	-0.37	518.41	0
518	Cadmium (ppm)	0407	0.0432	0.0033	0.0432	0.0087	0.0160	6	-0.01	518.53	0
518	Cadmium (ppm)	0227	0.0465	0.0010	0.0432	0.0087	0.0160	6	0.38	518.53	0
518	Cadmium (ppm)	2428	0.0680	0.0440	0.0432	0.0087	0.0160	6	2.84	518.53	0
518	Cadmium (ppm)	2124	< 0.16		0.0432	0.0087	0.0160	6		518.43	5
520	Chromium, Total (Cr) (ppm)	0407	0.3174	0.0206	0.3968	0.0574	0.0203	5		520.53	0
520	Chromium, Total (Cr) (ppm)	0407	0.3779	0.0071	0.3968	0.0574	0.0203	5		520.43	0
520	Chromium, Total (Cr) (ppm)	0407	0.3836	0.0240	0.3968	0.0574	0.0203	5		520.41	0
520	Chromium, Total (Cr) (ppm)	0510	0.4450	0.0300	0.3968	0.0574	0.0203	5		520.43	0
520	Chromium, Total (Cr) (ppm)	0171	0.4600	0.0200	0.3968	0.0574	0.0203	5		520.41	0
520	Chromium, Total (Cr) (ppm)	2428	< 0.5		0.3968	0.0574	0.0203	5		520.53	5
526	Lead (ppm)	2428	0.0205	0.0010	0.0782	0.0976	0.0121	6	-0.59	526.53	0
526	Lead (ppm)	0407	0.0215	0.0015	0.0782	0.0976	0.0121	6	-0.58	526.53	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Tests			
526	Lead (ppm)	0227	0.0220	0.0020	0.0782	0.0976	0.0121	6	-0.58	526.53	0
526	Lead (ppm)	0171	0.0300	0.0200	0.0782	0.0976	0.0121	6	-0.49	526.41	0
526	Lead (ppm)	0407	0.1635	0.0165	0.0782	0.0976	0.0121	6	0.87	526.41	0
526	Lead (ppm)	0407	0.2115	0.0314	0.0782	0.0976	0.0121	6	1.37	526.43	0
529	Mercury (ppb)	0407	1.057	0.0100				1		529.99	0
529	Mercury (ppb)	0227	< 0.01					1		529.99	5
529	Mercury (ppb)	2428	< 0.01					1		529.99	5
539	Nickel (ppm)	0407	2.919	0.1760	3.199	0.2684	0.2088	4		539.53	0
539	Nickel (ppm)	0407	3.022	0.0460	3.199	0.2684	0.2088	4		539.41	0
539	Nickel (ppm)	2428	3.400	0.2000	3.199	0.2684	0.2088	4		539.53	0
539	Nickel (ppm)	0407	3.456	0.4133	3.199	0.2684	0.2088	4		539.43	0
710	Lauric Acid (12:0) (% (w/w))	0226	< 0.005					0		710.99	5
714	Myristic Acid (14:0) (% (w/w))	0226	< 0.005					0		714.99	5
716	Palmitic Acid (16:0) (% (w/w))	0226	0.3603	0.0006				1		716.99	0
718	Palmitoleic Acid (9c-16:1) (% (w/w))	0226	< 0.005					0		718.99	5
722	Stearic Acid (18:0) (% (w/w))	0226	0.0839	0.0037				1		722.99	0
724	Oleic Acid (9c-18:1) (% (w/w))	0226	0.2332	0.0009				1		724.99	0
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	0226	1.130	0.0000				1		726.99	0
728	alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/w))	0226	0.1486	0.0004				1		728.99	0
730	Arachidic Acid (20:0) (% (w/w))	0226	< 0.005					0		730.99	5
732	Gondoic Acid (11c-20:1) (% (w/w))	0226	< 0.005					0		732.99	5
740	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c) (% (w/w))	0226	< 0.005					0		740.99	5
742	Behenic Acid (22:0) (% (w/w))	0226	0.0092	0.0002				1		742.99	0
744	Erucic Acid (13c-22:1) (% (w/w))	0226	< 0.005					0		744.99	5
746	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c) (% (w/w))	0226	< 0.005					0		746.99	5
748	Lignoceric Acid (24:0) (% (w/w))	0226	0.0063	0.0001				1		748.99	0
750	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c) (% (w/w))	0226	< 0.005					0		750.99	5
752	Nervonic Acid (24:1) isomers (% (w/w))	0226	< 0.005					0		752.99	5
772	Total Fatty Acids (% (w/w))	0226	1.970	0.0000				1		772.99	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.