



**AAFCO**<sup>®</sup>  
Association of American Feed Control Officials



**Pet Food Ingredient Scheme**

**Corn**

**# Labs Reporting: 84**

**# Analytes Reported 73**

**Test Material Code # 202342**

**Analyte Proficiency Testing Report**

**Issue Date : 06/30/2023**

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests			
001	Loss on Drying (%)	2155	10.51	0.2800	12.56	0.2583	0.1032	60	-7.93	001.99	0
001	Loss on Drying (%)	0407	12.03	0.0369	12.56	0.2583	0.1032	60	-2.06	001.00	0
001	Loss on Drying (%)	0845	12.06	0.1100	12.56	0.2583	0.1032	60	-1.95	001.07	0
001	Loss on Drying (%)	1020	12.11	0.0100	12.56	0.2583	0.1032	60	-1.75	001.07	0
001	Loss on Drying (%)	0309	12.11	0.3000	12.56	0.2583	0.1032	60	-1.73	001.00	0
001	Loss on Drying (%)	2122	12.11	0.1000	12.56	0.2583	0.1032	60	-1.73	001.00	0
001	Loss on Drying (%)	2124	12.24	0.1600	12.56	0.2583	0.1032	60	-1.23	001.03	0
001	Loss on Drying (%)	1022	12.25	0.0000	12.56	0.2583	0.1032	60	-1.19	001.07	0
001	Loss on Drying (%)	1021	12.31	0.0500	12.56	0.2583	0.1032	60	-0.98	001.07	0
001	Loss on Drying (%)	2124	12.32	0.0100	12.56	0.2583	0.1032	60	-0.94	001.07	0
001	Loss on Drying (%)	0656	12.32	0.0000	12.56	0.2583	0.1032	60	-0.92	001.99	0
001	Loss on Drying (%)	0504	12.33	0.0300	12.56	0.2583	0.1032	60	-0.90	001.00	0
001	Loss on Drying (%)	0027	12.34	0.0450	12.56	0.2583	0.1032	60	-0.86	001.07	0
001	Loss on Drying (%)	0510	12.35	0.1000	12.56	0.2583	0.1032	60	-0.80	001.99	0
001	Loss on Drying (%)	0910	12.35	0.1000	12.56	0.2583	0.1032	60	-0.80	001.99	0
001	Loss on Drying (%)	0034	12.36	0.0800	12.56	0.2583	0.1032	60	-0.77	001.07	0
001	Loss on Drying (%)	2435	12.39	0.1000	12.56	0.2583	0.1032	60	-0.65	001.07	0
001	Loss on Drying (%)	2219	12.40	0.0700	12.56	0.2583	0.1032	60	-0.63	001.07	0
001	Loss on Drying (%)	0171	12.43	0.0300	12.56	0.2583	0.1032	60	-0.51	001.07	0
001	Loss on Drying (%)	2420	12.45	0.1200	12.56	0.2583	0.1032	60	-0.42	001.07	0
001	Loss on Drying (%)	0142	12.46	0.1000	12.56	0.2583	0.1032	60	-0.38	001.07	0
001	Loss on Drying (%)	2426	12.48	0.1000	12.56	0.2583	0.1032	60	-0.30	001.07	0
001	Loss on Drying (%)	2393	12.49	0.0800	12.56	0.2583	0.1032	60	-0.26	001.03	0
001	Loss on Drying (%)	0028	12.49	0.0000	12.56	0.2583	0.1032	60	-0.26	001.07	0
001	Loss on Drying (%)	2381	12.49	0.0000	12.56	0.2583	0.1032	60	-0.26	001.07	0
001	Loss on Drying (%)	2362	12.50	0.4800	12.56	0.2583	0.1032	60	-0.22	001.07	0
001	Loss on Drying (%)	0139	12.55	0.0700	12.56	0.2583	0.1032	60	-0.05	001.07	0
001	Loss on Drying (%)	2415	12.55	0.1200	12.56	0.2583	0.1032	60	-0.03	001.00	0
001	Loss on Drying (%)	0918	12.57	0.0000	12.56	0.2583	0.1032	60	0.05	001.99	0
001	Loss on Drying (%)	0226	12.59	0.0000	12.56	0.2583	0.1032	60	0.13	001.07	0
001	Loss on Drying (%)	2437	12.60	0.1100	12.56	0.2583	0.1032	60	0.14	001.07	0
001	Loss on Drying (%)	2429	12.60	0.1200	12.56	0.2583	0.1032	60	0.16	001.07	0
001	Loss on Drying (%)	0003	12.62	0.4100	12.56	0.2583	0.1032	60	0.22	001.07	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
001	Loss on Drying (%)	2414	12.63	0.0200	12.56	0.2583	0.1032	60	0.28	001.07	0
001	Loss on Drying (%)	2424	12.64	0.2600	12.56	0.2583	0.1032	60	0.32	001.07	0
001	Loss on Drying (%)	0098	12.65	0.0300	12.56	0.2583	0.1032	60	0.34	001.07	0
001	Loss on Drying (%)	0650	12.66	0.1800	12.56	0.2583	0.1032	60	0.40	001.07	0
001	Loss on Drying (%)	2422	12.66	0.1400	12.56	0.2583	0.1032	60	0.40	001.07	0
001	Loss on Drying (%)	2444	12.66	0.1200	12.56	0.2583	0.1032	60	0.40	001.07	0
001	Loss on Drying (%)	2156	12.67	0.0500	12.56	0.2583	0.1032	60	0.42	001.07	0
001	Loss on Drying (%)	2436	12.68	0.3400	12.56	0.2583	0.1032	60	0.47	001.07	0
001	Loss on Drying (%)	2419	12.70	0.0100	12.56	0.2583	0.1032	60	0.53	001.07	0
001	Loss on Drying (%)	2438	12.70	0.2800	12.56	0.2583	0.1032	60	0.55	001.07	0
001	Loss on Drying (%)	2408	12.72	0.1700	12.56	0.2583	0.1032	60	0.61	001.07	0
001	Loss on Drying (%)	2421	12.74	0.2200	12.56	0.2583	0.1032	60	0.71	001.07	0
001	Loss on Drying (%)	2361	12.75	0.0900	12.56	0.2583	0.1032	60	0.73	001.07	0
001	Loss on Drying (%)	2439	12.75	0.0300	12.56	0.2583	0.1032	60	0.73	001.07	0
001	Loss on Drying (%)	2330	12.76	0.1700	12.56	0.2583	0.1032	60	0.76	001.07	0
001	Loss on Drying (%)	2220	12.77	0.1400	12.56	0.2583	0.1032	60	0.82	001.07	0
001	Loss on Drying (%)	2293	12.78	0.0300	12.56	0.2583	0.1032	60	0.84	001.07	0
001	Loss on Drying (%)	2382	12.79	0.1500	12.56	0.2583	0.1032	60	0.88	001.07	0
001	Loss on Drying (%)	1023	12.81	0.0300	12.56	0.2583	0.1032	60	0.96	001.07	0
001	Loss on Drying (%)	0407	12.83	0.0424	12.56	0.2583	0.1032	60	1.06	001.07	0
001	Loss on Drying (%)	2416	12.84	0.0300	12.56	0.2583	0.1032	60	1.07	001.07	0
001	Loss on Drying (%)	2452	12.84	0.0600	12.56	0.2583	0.1032	60	1.09	001.07	0
001	Loss on Drying (%)	2380	12.91	0.0200	12.56	0.2583	0.1032	60	1.36	001.07	0
001	Loss on Drying (%)	2417	12.93	0.0800	12.56	0.2583	0.1032	60	1.44	001.07	0
001	Loss on Drying (%)	2385	12.97	0.0100	12.56	0.2583	0.1032	60	1.58	001.07	0
001	Loss on Drying (%)	0074	13.12	0.5000	12.56	0.2583	0.1032	60	2.18	001.07	0
001	Loss on Drying (%)	0619	13.30	0.0000	12.56	0.2583	0.1032	60	2.87	001.03	0
001	Loss on Drying (%)	2395	9.205	0.2700	12.56	0.2583	0.1032	60	-12.98	001.07	2
002	Protein, Crude (%)	2089	6.410	0.0400	7.509	0.1697	0.0962	86	-6.48	002.06	0
002	Protein, Crude (%)	0529	6.780	0.1800	7.509	0.1697	0.0962	86	-4.30	002.06	0
002	Protein, Crude (%)	0510	7.050	0.1000	7.509	0.1697	0.0962	86	-2.71	002.06	0
002	Protein, Crude (%)	2381	7.175	0.0300	7.509	0.1697	0.0962	86	-1.97	002.06	0
002	Protein, Crude (%)	2124	7.200	0.1000	7.509	0.1697	0.0962	86	-1.82	002.06	0
002	Protein, Crude (%)	2415	7.210	0.0400	7.509	0.1697	0.0962	86	-1.76	002.00	0
002	Protein, Crude (%)	2385	7.220	0.0200	7.509	0.1697	0.0962	86	-1.70	002.06	0
002	Protein, Crude (%)	0164	7.250	0.0000	7.509	0.1697	0.0962	86	-1.53	002.01	0
002	Protein, Crude (%)	0164	7.250	0.0000	7.509	0.1697	0.0962	86	-1.53	002.06	0
002	Protein, Crude (%)	0026	7.257	0.0770	7.509	0.1697	0.0962	86	-1.49	002.06	0
002	Protein, Crude (%)	2420	7.289	0.1975	7.509	0.1697	0.0962	86	-1.30	002.06	0
002	Protein, Crude (%)	0910	7.300	0.0000	7.509	0.1697	0.0962	86	-1.23	002.01	0
002	Protein, Crude (%)	2424	7.309	0.3445	7.509	0.1697	0.0962	86	-1.18	002.06	0
002	Protein, Crude (%)	2414	7.325	0.0900	7.509	0.1697	0.0962	86	-1.08	002.06	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
002	Protein, Crude (%)	0042	7.350	0.1000	7.509	0.1697	0.0962	86	-0.94	002.06	0
002	Protein, Crude (%)	0918	7.360	0.0400	7.509	0.1697	0.0962	86	-0.88	002.06	0
002	Protein, Crude (%)	0504	7.375	0.1100	7.509	0.1697	0.0962	86	-0.79	002.04	0
002	Protein, Crude (%)	2023	7.380	0.0200	7.509	0.1697	0.0962	86	-0.76	002.10	0
002	Protein, Crude (%)	2382	7.380	0.0400	7.509	0.1697	0.0962	86	-0.76	002.06	0
002	Protein, Crude (%)	0010	7.386	0.2400	7.509	0.1697	0.0962	86	-0.73	002.06	0
002	Protein, Crude (%)	2444	7.390	0.1000	7.509	0.1697	0.0962	86	-0.70	002.06	0
002	Protein, Crude (%)	0870	7.394	0.1500	7.509	0.1697	0.0962	86	-0.68	002.06	0
002	Protein, Crude (%)	2184	7.405	0.1500	7.509	0.1697	0.0962	86	-0.61	002.06	0
002	Protein, Crude (%)	2380	7.410	0.1400	7.509	0.1697	0.0962	86	-0.58	002.06	0
002	Protein, Crude (%)	0208	7.420	0.3400	7.509	0.1697	0.0962	86	-0.52	002.06	0
002	Protein, Crude (%)	2417	7.425	0.0194	7.509	0.1697	0.0962	86	-0.49	002.06	0
002	Protein, Crude (%)	0047	7.450	0.3000	7.509	0.1697	0.0962	86	-0.35	002.06	0
002	Protein, Crude (%)	0407	7.460	0.1400	7.509	0.1697	0.0962	86	-0.29	002.05	0
002	Protein, Crude (%)	2437	7.465	0.0100	7.509	0.1697	0.0962	86	-0.26	002.06	0
002	Protein, Crude (%)	0511	7.470	0.0400	7.509	0.1697	0.0962	86	-0.23	002.06	0
002	Protein, Crude (%)	2408	7.470	0.0400	7.509	0.1697	0.0962	86	-0.23	002.06	0
002	Protein, Crude (%)	2452	7.475	0.0700	7.509	0.1697	0.0962	86	-0.20	002.06	0
002	Protein, Crude (%)	0870	7.483	0.2670	7.509	0.1697	0.0962	86	-0.16	002.01	0
002	Protein, Crude (%)	2156	7.485	0.0100	7.509	0.1697	0.0962	86	-0.14	002.06	0
002	Protein, Crude (%)	0650	7.490	0.3000	7.509	0.1697	0.0962	86	-0.11	002.06	0
002	Protein, Crude (%)	2422	7.497	0.1137	7.509	0.1697	0.0962	86	-0.07	002.06	0
002	Protein, Crude (%)	2421	7.500	0.0800	7.509	0.1697	0.0962	86	-0.05	002.06	0
002	Protein, Crude (%)	0098	7.500	0.0000	7.509	0.1697	0.0962	86	-0.05	002.08	0
002	Protein, Crude (%)	2426	7.505	0.1100	7.509	0.1697	0.0962	86	-0.02	002.06	0
002	Protein, Crude (%)	2419	7.515	0.0580	7.509	0.1697	0.0962	86	0.04	002.06	0
002	Protein, Crude (%)	2219	7.516	0.0462	7.509	0.1697	0.0962	86	0.04	002.06	0
002	Protein, Crude (%)	2362	7.518	0.1100	7.509	0.1697	0.0962	86	0.05	002.06	0
002	Protein, Crude (%)	1021	7.518	0.0416	7.509	0.1697	0.0962	86	0.05	002.06	0
002	Protein, Crude (%)	0074	7.520	0.3000	7.509	0.1697	0.0962	86	0.06	002.06	0
002	Protein, Crude (%)	2438	7.525	0.0700	7.509	0.1697	0.0962	86	0.09	002.06	0
002	Protein, Crude (%)	2435	7.535	0.0100	7.509	0.1697	0.0962	86	0.15	002.06	0
002	Protein, Crude (%)	2393	7.540	0.1800	7.509	0.1697	0.0962	86	0.18	002.05	0
002	Protein, Crude (%)	0226	7.540	0.0000	7.509	0.1697	0.0962	86	0.18	002.06	0
002	Protein, Crude (%)	0309	7.540	0.0336	7.509	0.1697	0.0962	86	0.19	002.06	0
002	Protein, Crude (%)	2220	7.541	0.0543	7.509	0.1697	0.0962	86	0.19	002.06	0
002	Protein, Crude (%)	0139	7.544	0.0139	7.509	0.1697	0.0962	86	0.20	002.06	0
002	Protein, Crude (%)	2439	7.550	0.0400	7.509	0.1697	0.0962	86	0.24	002.06	0
002	Protein, Crude (%)	2293	7.550	0.0085	7.509	0.1697	0.0962	86	0.24	002.06	0
002	Protein, Crude (%)	2361	7.556	0.0304	7.509	0.1697	0.0962	86	0.28	002.06	0
002	Protein, Crude (%)	0407	7.558	0.1290	7.509	0.1697	0.0962	86	0.29	002.06	0
002	Protein, Crude (%)	2429	7.560	0.0600	7.509	0.1697	0.0962	86	0.30	002.06	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
002	Protein, Crude (%)	2330	7.565	0.0500	7.509	0.1697	0.0962	86	0.33	002.06	0
002	Protein, Crude (%)	2436	7.565	0.0100	7.509	0.1697	0.0962	86	0.33	002.06	0
002	Protein, Crude (%)	2416	7.574	0.0990	7.509	0.1697	0.0962	86	0.39	002.06	0
002	Protein, Crude (%)	0508	7.578	0.0711	7.509	0.1697	0.0962	86	0.41	002.06	0
002	Protein, Crude (%)	2033	7.590	0.0800	7.509	0.1697	0.0962	86	0.48	002.06	0
002	Protein, Crude (%)	2302	7.590	0.1800	7.509	0.1697	0.0962	86	0.48	002.06	0
002	Protein, Crude (%)	0845	7.595	0.5700	7.509	0.1697	0.0962	86	0.51	002.00	0
002	Protein, Crude (%)	0142	7.595	0.1300	7.509	0.1697	0.0962	86	0.51	002.06	0
002	Protein, Crude (%)	0504	7.605	0.0100	7.509	0.1697	0.0962	86	0.57	002.06	0
002	Protein, Crude (%)	0098	7.610	0.2400	7.509	0.1697	0.0962	86	0.60	002.06	0
002	Protein, Crude (%)	0656	7.620	0.0000	7.509	0.1697	0.0962	86	0.65	002.11	0
002	Protein, Crude (%)	2122	7.625	0.1500	7.509	0.1697	0.0962	86	0.68	002.04	0
002	Protein, Crude (%)	2016	7.625	0.0500	7.509	0.1697	0.0962	86	0.68	002.06	0
002	Protein, Crude (%)	2312	7.635	0.0900	7.509	0.1697	0.0962	86	0.74	002.06	0
002	Protein, Crude (%)	1023	7.645	0.0647	7.509	0.1697	0.0962	86	0.80	002.06	0
002	Protein, Crude (%)	0554	7.660	0.0400	7.509	0.1697	0.0962	86	0.89	002.06	0
002	Protein, Crude (%)	0880	7.680	0.3600	7.509	0.1697	0.0962	86	1.01	002.06	0
002	Protein, Crude (%)	1022	7.686	0.0647	7.509	0.1697	0.0962	86	1.05	002.06	0
002	Protein, Crude (%)	0003	7.700	0.2290	7.509	0.1697	0.0962	86	1.12	002.06	0
002	Protein, Crude (%)	0171	7.700	0.0000	7.509	0.1697	0.0962	86	1.13	002.06	0
002	Protein, Crude (%)	0001	7.718	0.0270	7.509	0.1697	0.0962	86	1.23	002.06	0
002	Protein, Crude (%)	1020	7.725	0.0693	7.509	0.1697	0.0962	86	1.27	002.06	0
002	Protein, Crude (%)	0619	7.725	0.0100	7.509	0.1697	0.0962	86	1.27	002.06	0
002	Protein, Crude (%)	0619	7.810	0.1200	7.509	0.1697	0.0962	86	1.77	002.01	0
002	Protein, Crude (%)	0034	7.820	0.0800	7.509	0.1697	0.0962	86	1.83	002.06	0
002	Protein, Crude (%)	2373	7.895	0.0500	7.509	0.1697	0.0962	86	2.28	002.99	0
002	Protein, Crude (%)	0425	7.905	0.1900	7.509	0.1697	0.0962	86	2.33	002.06	0
002	Protein, Crude (%)	2023	7.905	0.1900	7.509	0.1697	0.0962	86	2.33	002.06	0
002	Protein, Crude (%)	0656	8.040	0.0000	7.509	0.1697	0.0962	86	3.13	002.06	0
002	Protein, Crude (%)	0656	8.170	0.0000	7.509	0.1697	0.0962	86	3.90	002.01	0
002	Protein, Crude (%)	0242	6.980	0.7600	7.509	0.1697	0.0962	86	-3.12	002.06	1
002	Protein, Crude (%)	2155	7.798	0.8000	7.509	0.1697	0.0962	86	1.70	002.06	1
002	Protein, Crude (%)	2395	49.39	0.9000	7.509	0.1697	0.0962	86	>100	002.06	2
003	Fat, Crude (%)	0656	2.790	0.0000	3.205	0.1498	0.1076	51	-2.77	003.06	0
003	Fat, Crude (%)	2089	2.805	0.2100	3.205	0.1498	0.1076	51	-2.67	003.13	0
003	Fat, Crude (%)	0619	2.845	0.0300	3.205	0.1498	0.1076	51	-2.41	003.14	0
003	Fat, Crude (%)	2302	2.920	0.0200	3.205	0.1498	0.1076	51	-1.91	003.14	0
003	Fat, Crude (%)	0003	2.930	0.1600	3.205	0.1498	0.1076	51	-1.84	003.14	0
003	Fat, Crude (%)	0511	2.980	0.0400	3.205	0.1498	0.1076	51	-1.50	003.14	0
003	Fat, Crude (%)	0918	3.000	0.2600	3.205	0.1498	0.1076	51	-1.37	003.06	0
003	Fat, Crude (%)	1021	3.035	0.1900	3.205	0.1498	0.1076	51	-1.14	003.00	0
003	Fat, Crude (%)	1023	3.065	0.5100	3.205	0.1498	0.1076	51	-0.94	003.00	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
003	Fat, Crude (%)	0074	3.070	0.0800	3.205	0.1498	0.1076	51	-0.90	003.14	0
003	Fat, Crude (%)	2416	3.100	0.4000	3.205	0.1498	0.1076	51	-0.70	003.00	0
003	Fat, Crude (%)	0870	3.114	0.1763	3.205	0.1498	0.1076	51	-0.61	003.10	0
003	Fat, Crude (%)	2417	3.120	0.3200	3.205	0.1498	0.1076	51	-0.57	003.00	0
003	Fat, Crude (%)	0164	3.135	0.0700	3.205	0.1498	0.1076	51	-0.47	003.06	0
003	Fat, Crude (%)	2184	3.135	0.0100	3.205	0.1498	0.1076	51	-0.47	003.10	0
003	Fat, Crude (%)	0028	3.140	0.0200	3.205	0.1498	0.1076	51	-0.44	003.13	0
003	Fat, Crude (%)	1020	3.140	0.0400	3.205	0.1498	0.1076	51	-0.44	003.00	0
003	Fat, Crude (%)	0034	3.155	0.2100	3.205	0.1498	0.1076	51	-0.34	003.14	0
003	Fat, Crude (%)	0529	3.160	0.4200	3.205	0.1498	0.1076	51	-0.30	003.14	0
003	Fat, Crude (%)	2155	3.165	0.0570	3.205	0.1498	0.1076	51	-0.27	003.10	0
003	Fat, Crude (%)	0910	3.165	0.0700	3.205	0.1498	0.1076	51	-0.27	003.06	0
003	Fat, Crude (%)	0142	3.180	0.0200	3.205	0.1498	0.1076	51	-0.17	003.00	0
003	Fat, Crude (%)	0309	3.185	0.0592	3.205	0.1498	0.1076	51	-0.13	003.00	0
003	Fat, Crude (%)	0098	3.195	0.1500	3.205	0.1498	0.1076	51	-0.07	003.10	0
003	Fat, Crude (%)	0171	3.210	0.0200	3.205	0.1498	0.1076	51	0.03	003.12	0
003	Fat, Crude (%)	2033	3.220	0.0800	3.205	0.1498	0.1076	51	0.10	003.06	0
003	Fat, Crude (%)	0870	3.237	0.0171	3.205	0.1498	0.1076	51	0.21	003.13	0
003	Fat, Crude (%)	1022	3.240	0.0600	3.205	0.1498	0.1076	51	0.23	003.00	0
003	Fat, Crude (%)	0171	3.240	0.1000	3.205	0.1498	0.1076	51	0.23	003.14	0
003	Fat, Crude (%)	0407	3.241	0.0090	3.205	0.1498	0.1076	51	0.24	003.14	0
003	Fat, Crude (%)	2420	3.270	0.2600	3.205	0.1498	0.1076	51	0.43	003.00	0
003	Fat, Crude (%)	0098	3.270	0.1000	3.205	0.1498	0.1076	51	0.43	003.09	0
003	Fat, Crude (%)	0242	3.270	0.1000	3.205	0.1498	0.1076	51	0.43	003.10	0
003	Fat, Crude (%)	2452	3.275	0.0300	3.205	0.1498	0.1076	51	0.47	003.00	0
003	Fat, Crude (%)	0226	3.275	0.0500	3.205	0.1498	0.1076	51	0.47	003.14	0
003	Fat, Crude (%)	0508	3.282	0.1671	3.205	0.1498	0.1076	51	0.51	003.09	0
003	Fat, Crude (%)	2419	3.285	0.1500	3.205	0.1498	0.1076	51	0.53	003.00	0
003	Fat, Crude (%)	2421	3.285	0.0500	3.205	0.1498	0.1076	51	0.53	003.00	0
003	Fat, Crude (%)	2426	3.290	0.0400	3.205	0.1498	0.1076	51	0.57	003.00	0
003	Fat, Crude (%)	0619	3.300	0.1400	3.205	0.1498	0.1076	51	0.63	003.10	0
003	Fat, Crude (%)	0098	3.315	0.2700	3.205	0.1498	0.1076	51	0.73	003.13	0
003	Fat, Crude (%)	0026	3.325	0.0300	3.205	0.1498	0.1076	51	0.80	003.14	0
003	Fat, Crude (%)	2373	3.330	0.0400	3.205	0.1498	0.1076	51	0.83	003.00	0
003	Fat, Crude (%)	2422	3.335	0.0100	3.205	0.1498	0.1076	51	0.87	003.00	0
003	Fat, Crude (%)	2424	3.355	0.1500	3.205	0.1498	0.1076	51	1.00	003.00	0
003	Fat, Crude (%)	0504	3.380	0.5000	3.205	0.1498	0.1076	51	1.17	003.01	0
003	Fat, Crude (%)	2023	3.380	0.0200	3.205	0.1498	0.1076	51	1.17	003.14	0
003	Fat, Crude (%)	2393	3.475	0.1500	3.205	0.1498	0.1076	51	1.80	003.99	0
003	Fat, Crude (%)	0510	3.735	0.1100	3.205	0.1498	0.1076	51	3.54	003.14	0
003	Fat, Crude (%)	0425	4.135	0.1100	3.205	0.1498	0.1076	51	6.21	003.06	0
003	Fat, Crude (%)	0042	4.985	0.0300	3.205	0.1498	0.1076	51	11.88	003.14	0



Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
003	Fat, Crude (%)	0880	3.000	0.8000	3.205	0.1498	0.1076	51	-1.37	003.99	1
003	Fat, Crude (%)	0554	12.95	0.0100	3.205	0.1498	0.1076	51	65.03	003.14	2
004	Fiber, Crude (%)	0554	0.2950	0.2100	1.530	0.4139	0.1349	33	-2.98	004.07	0
004	Fiber, Crude (%)	2393	0.5000	0.2400	1.530	0.4139	0.1349	33	-2.49	004.06	0
004	Fiber, Crude (%)	0510	0.5500	0.3000	1.530	0.4139	0.1349	33	-2.37	004.07	0
004	Fiber, Crude (%)	0656	0.5500	0.0000	1.530	0.4139	0.1349	33	-2.37	004.07	0
004	Fiber, Crude (%)	0918	0.9800	0.0200	1.530	0.4139	0.1349	33	-1.33	004.06	0
004	Fiber, Crude (%)	0242	1.105	0.0100	1.530	0.4139	0.1349	33	-1.03	004.07	0
004	Fiber, Crude (%)	2089	1.200	0.1000	1.530	0.4139	0.1349	33	-0.80	004.03	0
004	Fiber, Crude (%)	0208	1.240	0.1400	1.530	0.4139	0.1349	33	-0.70	004.00	0
004	Fiber, Crude (%)	2373	1.270	0.0200	1.530	0.4139	0.1349	33	-0.63	004.07	0
004	Fiber, Crude (%)	0026	1.300	0.0000	1.530	0.4139	0.1349	33	-0.55	004.07	0
004	Fiber, Crude (%)	2312	1.400	0.2000	1.530	0.4139	0.1349	33	-0.31	004.00	0
004	Fiber, Crude (%)	0309	1.448	0.0192	1.530	0.4139	0.1349	33	-0.20	004.00	0
004	Fiber, Crude (%)	0407	1.452	0.2008	1.530	0.4139	0.1349	33	-0.19	004.07	0
004	Fiber, Crude (%)	0910	1.500	0.0000	1.530	0.4139	0.1349	33	-0.07	004.07	0
004	Fiber, Crude (%)	0504	1.505	0.0100	1.530	0.4139	0.1349	33	-0.06	004.00	0
004	Fiber, Crude (%)	0034	1.505	0.3300	1.530	0.4139	0.1349	33	-0.06	004.07	0
004	Fiber, Crude (%)	0164	1.550	0.1000	1.530	0.4139	0.1349	33	0.05	004.00	0
004	Fiber, Crude (%)	0619	1.635	0.1100	1.530	0.4139	0.1349	33	0.25	004.07	0
004	Fiber, Crude (%)	2033	1.650	0.1000	1.530	0.4139	0.1349	33	0.29	004.03	0
004	Fiber, Crude (%)	2302	1.655	0.0500	1.530	0.4139	0.1349	33	0.30	004.07	0
004	Fiber, Crude (%)	0870	1.737	0.0267	1.530	0.4139	0.1349	33	0.50	004.07	0
004	Fiber, Crude (%)	0074	1.740	0.3000	1.530	0.4139	0.1349	33	0.51	004.07	0
004	Fiber, Crude (%)	0226	1.755	0.0900	1.530	0.4139	0.1349	33	0.54	004.07	0
004	Fiber, Crude (%)	2122	1.755	0.2900	1.530	0.4139	0.1349	33	0.54	004.07	0
004	Fiber, Crude (%)	0425	1.800	0.2000	1.530	0.4139	0.1349	33	0.65	004.00	0
004	Fiber, Crude (%)	0042	1.800	0.0000	1.530	0.4139	0.1349	33	0.65	004.00	0
004	Fiber, Crude (%)	0003	1.840	0.0200	1.530	0.4139	0.1349	33	0.75	004.07	0
004	Fiber, Crude (%)	2124	1.865	0.2100	1.530	0.4139	0.1349	33	0.81	004.07	0
004	Fiber, Crude (%)	2023	1.910	0.0600	1.530	0.4139	0.1349	33	0.92	004.00	0
004	Fiber, Crude (%)	0511	1.950	0.3000	1.530	0.4139	0.1349	33	1.02	004.07	0
004	Fiber, Crude (%)	0529	1.995	0.0500	1.530	0.4139	0.1349	33	1.12	004.07	0
004	Fiber, Crude (%)	0171	2.190	0.2000	1.530	0.4139	0.1349	33	1.60	004.00	0
004	Fiber, Crude (%)	0845	2.320	0.0200	1.530	0.4139	0.1349	33	1.91	004.06	0
005	Ash (%)	2373	0.9000	0.0400	1.131	0.0510	0.0386	73	-4.54	005.00	0
005	Ash (%)	0208	0.9325	0.0070	1.131	0.0510	0.0386	73	-3.90	005.00	0
005	Ash (%)	0226	0.9500	0.0000	1.131	0.0510	0.0386	73	-3.56	005.00	0
005	Ash (%)	0918	1.030	0.0200	1.131	0.0510	0.0386	73	-1.99	005.00	0
005	Ash (%)	2124	1.035	0.0300	1.131	0.0510	0.0386	73	-1.89	005.00	0
005	Ash (%)	2382	1.035	0.0500	1.131	0.0510	0.0386	73	-1.89	005.00	0
005	Ash (%)	0142	1.040	0.0000	1.131	0.0510	0.0386	73	-1.79	005.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
005	Ash (%)	2361	1.060	0.0200	1.131	0.0510	0.0386	73	-1.40	005.00	0
005	Ash (%)	2385	1.060	0.0200	1.131	0.0510	0.0386	73	-1.40	005.00	0
005	Ash (%)	2219	1.065	0.0700	1.131	0.0510	0.0386	73	-1.30	005.00	0
005	Ash (%)	2293	1.070	0.0600	1.131	0.0510	0.0386	73	-1.20	005.00	0
005	Ash (%)	2380	1.075	0.0300	1.131	0.0510	0.0386	73	-1.11	005.00	0
005	Ash (%)	2184	1.085	0.0100	1.131	0.0510	0.0386	73	-0.91	005.00	0
005	Ash (%)	2408	1.085	0.1100	1.131	0.0510	0.0386	73	-0.91	005.00	0
005	Ash (%)	2016	1.095	0.0300	1.131	0.0510	0.0386	73	-0.71	005.00	0
005	Ash (%)	2429	1.095	0.0100	1.131	0.0510	0.0386	73	-0.71	005.03	0
005	Ash (%)	0098	1.100	0.0600	1.131	0.0510	0.0386	73	-0.62	005.00	0
005	Ash (%)	0425	1.100	0.0000	1.131	0.0510	0.0386	73	-0.62	005.00	0
005	Ash (%)	0171	1.105	0.0100	1.131	0.0510	0.0386	73	-0.52	005.00	0
005	Ash (%)	2414	1.105	0.0100	1.131	0.0510	0.0386	73	-0.52	005.00	0
005	Ash (%)	2023	1.105	0.0300	1.131	0.0510	0.0386	73	-0.52	005.99	0
005	Ash (%)	0042	1.110	0.1400	1.131	0.0510	0.0386	73	-0.42	005.00	0
005	Ash (%)	0870	1.113	0.0004	1.131	0.0510	0.0386	73	-0.37	005.00	0
005	Ash (%)	2362	1.115	0.0700	1.131	0.0510	0.0386	73	-0.32	005.00	0
005	Ash (%)	2436	1.115	0.1900	1.131	0.0510	0.0386	73	-0.32	005.03	0
005	Ash (%)	2435	1.115	0.0100	1.131	0.0510	0.0386	73	-0.32	005.03	0
005	Ash (%)	2330	1.120	0.0600	1.131	0.0510	0.0386	73	-0.22	005.00	0
005	Ash (%)	0026	1.125	0.0900	1.131	0.0510	0.0386	73	-0.13	005.00	0
005	Ash (%)	2220	1.125	0.0500	1.131	0.0510	0.0386	73	-0.13	005.00	0
005	Ash (%)	2312	1.125	0.0700	1.131	0.0510	0.0386	73	-0.13	005.00	0
005	Ash (%)	2437	1.125	0.0100	1.131	0.0510	0.0386	73	-0.13	005.03	0
005	Ash (%)	0619	1.125	0.0100	1.131	0.0510	0.0386	73	-0.13	005.05	0
005	Ash (%)	2417	1.125	0.0100	1.131	0.0510	0.0386	73	-0.13	005.05	0
005	Ash (%)	0650	1.130	0.0200	1.131	0.0510	0.0386	73	-0.03	005.00	0
005	Ash (%)	0656	1.130	0.0000	1.131	0.0510	0.0386	73	-0.03	005.00	0
005	Ash (%)	2415	1.130	0.0000	1.131	0.0510	0.0386	73	-0.03	005.05	0
005	Ash (%)	0504	1.135	0.0100	1.131	0.0510	0.0386	73	0.07	005.00	0
005	Ash (%)	1020	1.135	0.0100	1.131	0.0510	0.0386	73	0.07	005.00	0
005	Ash (%)	2426	1.135	0.0300	1.131	0.0510	0.0386	73	0.07	005.05	0
005	Ash (%)	2302	1.140	0.0000	1.131	0.0510	0.0386	73	0.17	005.00	0
005	Ash (%)	0242	1.140	0.0800	1.131	0.0510	0.0386	73	0.17	005.00	0
005	Ash (%)	2422	1.140	0.0800	1.131	0.0510	0.0386	73	0.17	005.05	0
005	Ash (%)	0407	1.143	0.0064	1.131	0.0510	0.0386	73	0.22	005.00	0
005	Ash (%)	0510	1.145	0.0100	1.131	0.0510	0.0386	73	0.27	005.00	0
005	Ash (%)	2444	1.145	0.0100	1.131	0.0510	0.0386	73	0.27	005.00	0
005	Ash (%)	2438	1.145	0.0300	1.131	0.0510	0.0386	73	0.27	005.03	0
005	Ash (%)	0139	1.145	0.0100	1.131	0.0510	0.0386	73	0.27	005.05	0
005	Ash (%)	1021	1.145	0.0100	1.131	0.0510	0.0386	73	0.27	005.05	0
005	Ash (%)	1022	1.145	0.0100	1.131	0.0510	0.0386	73	0.27	005.05	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
005	Ash (%)	0529	1.150	0.0000	1.131	0.0510	0.0386	73	0.37	005.00	0
005	Ash (%)	2421	1.150	0.0400	1.131	0.0510	0.0386	73	0.37	005.05	0
005	Ash (%)	0845	1.155	0.0100	1.131	0.0510	0.0386	73	0.46	005.05	0
005	Ash (%)	1023	1.160	0.0200	1.131	0.0510	0.0386	73	0.56	005.00	0
005	Ash (%)	2416	1.160	0.0200	1.131	0.0510	0.0386	73	0.56	005.05	0
005	Ash (%)	2424	1.160	0.0400	1.131	0.0510	0.0386	73	0.56	005.05	0
005	Ash (%)	0001	1.162	0.0340	1.131	0.0510	0.0386	73	0.60	005.00	0
005	Ash (%)	0003	1.165	0.0500	1.131	0.0510	0.0386	73	0.66	005.05	0
005	Ash (%)	2452	1.165	0.0300	1.131	0.0510	0.0386	73	0.66	005.05	0
005	Ash (%)	0164	1.170	0.0400	1.131	0.0510	0.0386	73	0.76	005.00	0
005	Ash (%)	2439	1.170	0.0000	1.131	0.0510	0.0386	73	0.76	005.03	0
005	Ash (%)	2381	1.175	0.0300	1.131	0.0510	0.0386	73	0.86	005.00	0
005	Ash (%)	2420	1.180	0.0200	1.131	0.0510	0.0386	73	0.95	005.05	0
005	Ash (%)	0309	1.185	0.1700	1.131	0.0510	0.0386	73	1.05	005.00	0
005	Ash (%)	0554	1.190	0.2800	1.131	0.0510	0.0386	73	1.15	005.00	0
005	Ash (%)	0047	1.200	0.0000	1.131	0.0510	0.0386	73	1.35	005.00	0
005	Ash (%)	2033	1.200	0.0000	1.131	0.0510	0.0386	73	1.35	005.00	0
005	Ash (%)	2419	1.200	0.0200	1.131	0.0510	0.0386	73	1.35	005.05	0
005	Ash (%)	0880	1.200	0.2000	1.131	0.0510	0.0386	73	1.35	005.00	0
005	Ash (%)	2393	1.220	0.1400	1.131	0.0510	0.0386	73	1.74	005.00	0
005	Ash (%)	2122	1.245	0.0100	1.131	0.0510	0.0386	73	2.23	005.00	0
005	Ash (%)	2156	1.245	0.1900	1.131	0.0510	0.0386	73	2.23	005.00	0
005	Ash (%)	2089	1.280	0.0600	1.131	0.0510	0.0386	73	2.92	005.00	0
005	Ash (%)	0511	1.300	0.2000	1.131	0.0510	0.0386	73	3.31	005.03	0
005	Ash (%)	0034	6.193	0.1600	1.131	0.0510	0.0386	73	99.29	005.05	2
005	Ash (%)	2395	6.320	0.7800	1.131	0.0510	0.0386	73	>100	005.00	2
006	Total Sugars (%)	0407	1.780	0.2000				2		006.00	0
006	Total Sugars (%)	2312	2.182	0.1180				2		006.99	0
008	Fiber, Acid Detergent (%)	2089	1.860	0.0800	2.279	0.3237	0.1049	13	-1.29	008.02	0
008	Fiber, Acid Detergent (%)	2302	1.875	0.0300	2.279	0.3237	0.1049	13	-1.25	008.08	0
008	Fiber, Acid Detergent (%)	0619	2.085	0.0300	2.279	0.3237	0.1049	13	-0.60	008.08	0
008	Fiber, Acid Detergent (%)	0001	2.105	0.1850	2.279	0.3237	0.1049	13	-0.54	008.08	0
008	Fiber, Acid Detergent (%)	0309	2.106	0.0733	2.279	0.3237	0.1049	13	-0.53	008.02	0
008	Fiber, Acid Detergent (%)	0511	2.200	0.4000	2.279	0.3237	0.1049	13	-0.24	008.08	0
008	Fiber, Acid Detergent (%)	0918	2.250	0.1800	2.279	0.3237	0.1049	13	-0.09	008.08	0
008	Fiber, Acid Detergent (%)	0910	2.290	0.1800	2.279	0.3237	0.1049	13	0.03	008.99	0
008	Fiber, Acid Detergent (%)	0026	2.370	0.0000	2.279	0.3237	0.1049	13	0.28	008.08	0
008	Fiber, Acid Detergent (%)	0042	2.445	0.0900	2.279	0.3237	0.1049	13	0.51	008.08	0
008	Fiber, Acid Detergent (%)	0870	2.587	0.0152	2.279	0.3237	0.1049	13	0.95	008.08	0
008	Fiber, Acid Detergent (%)	0407	2.688	0.1476	2.279	0.3237	0.1049	13	1.26	008.08	0
008	Fiber, Acid Detergent (%)	0226	3.145	0.0100	2.279	0.3237	0.1049	13	2.68	008.02	0
008	Fiber, Acid Detergent (%)	0504	3.390	0.8000	2.279	0.3237	0.1049	13	3.43	008.02	1



Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
009	Fiber, Neutral Detergent (%)	2302	6.435	0.2100	7.181	0.4238	0.2006	9	-1.76	009.09	0
009	Fiber, Neutral Detergent (%)	0504	6.895	0.2500	7.181	0.4238	0.2006	9	-0.67	009.09	0
009	Fiber, Neutral Detergent (%)	0910	6.950	0.1000	7.181	0.4238	0.2006	9	-0.54	009.99	0
009	Fiber, Neutral Detergent (%)	0619	6.990	0.0600	7.181	0.4238	0.2006	9	-0.45	009.09	0
009	Fiber, Neutral Detergent (%)	0407	7.301	0.1310	7.181	0.4238	0.2006	9	0.28	009.09	0
009	Fiber, Neutral Detergent (%)	2089	7.310	0.0600	7.181	0.4238	0.2006	9	0.30	009.07	0
009	Fiber, Neutral Detergent (%)	0309	7.409	0.3285	7.181	0.4238	0.2006	9	0.54	009.07	0
009	Fiber, Neutral Detergent (%)	0870	7.411	0.2567	7.181	0.4238	0.2006	9	0.54	009.09	0
009	Fiber, Neutral Detergent (%)	0226	12.68	0.5300	7.181	0.4238	0.2006	9	12.96	009.07	0
009	Fiber, Neutral Detergent (%)	0918	7.610	1.200	7.181	0.4238	0.2006	9	1.01	009.09	1
010	Moisture (%)	2089	12.77	0.1200				1		010.99	0
011	Loss on Drying, HT (%)	0026	11.59	0.1400	13.10	0.4318	0.0924	21	-3.51	011.01	0
011	Loss on Drying, HT (%)	2016	12.02	1.040	13.10	0.4318	0.0924	21	-2.51	011.01	0
011	Loss on Drying, HT (%)	2312	12.47	0.0000	13.10	0.4318	0.0924	21	-1.47	011.01	0
011	Loss on Drying, HT (%)	0511	12.61	0.6300	13.10	0.4318	0.0924	21	-1.15	011.01	0
011	Loss on Drying, HT (%)	0309	12.68	0.1200	13.10	0.4318	0.0924	21	-0.98	011.01	0
011	Loss on Drying, HT (%)	0226	12.87	0.0400	13.10	0.4318	0.0924	21	-0.54	011.01	0
011	Loss on Drying, HT (%)	0098	12.99	0.0300	13.10	0.4318	0.0924	21	-0.27	011.01	0
011	Loss on Drying, HT (%)	2033	13.02	0.0100	13.10	0.4318	0.0924	21	-0.20	011.02	0
011	Loss on Drying, HT (%)	0425	13.12	0.0300	13.10	0.4318	0.0924	21	0.03	011.01	0
011	Loss on Drying, HT (%)	0208	13.15	0.1000	13.10	0.4318	0.0924	21	0.11	011.01	0
011	Loss on Drying, HT (%)	0171	13.19	0.0400	13.10	0.4318	0.0924	21	0.20	011.01	0
011	Loss on Drying, HT (%)	0529	13.25	0.1100	13.10	0.4318	0.0924	21	0.33	011.02	0
011	Loss on Drying, HT (%)	0047	13.25	0.1000	13.10	0.4318	0.0924	21	0.34	011.01	0
011	Loss on Drying, HT (%)	0242	13.32	0.1800	13.10	0.4318	0.0924	21	0.50	011.01	0
011	Loss on Drying, HT (%)	0164	13.39	0.2200	13.10	0.4318	0.0924	21	0.66	011.01	0
011	Loss on Drying, HT (%)	2184	13.40	0.0100	13.10	0.4318	0.0924	21	0.68	011.01	0
011	Loss on Drying, HT (%)	2302	13.41	0.0600	13.10	0.4318	0.0924	21	0.71	011.01	0
011	Loss on Drying, HT (%)	2023	13.44	0.0200	13.10	0.4318	0.0924	21	0.78	011.02	0
011	Loss on Drying, HT (%)	0870	13.53	0.0692	13.10	0.4318	0.0924	21	0.98	011.01	0
011	Loss on Drying, HT (%)	0510	13.55	0.1000	13.10	0.4318	0.0924	21	1.03	011.01	0
011	Loss on Drying, HT (%)	0407	13.66	0.0744	13.10	0.4318	0.0924	21	1.28	011.01	0
011	Loss on Drying, HT (%)	0880	9.910	1.140	13.10	0.4318	0.0924	21	-7.40	011.01	1
011	Loss on Drying, HT (%)	0554	3.125	0.1500	13.10	0.4318	0.0924	21	-23.11	011.01	2
012	Starch (%)	0510	60.30	0.4000	64.68	3.306	0.5602	10	-1.33	012.04	0
012	Starch (%)	0407	61.63	0.5780	64.68	3.306	0.5602	10	-0.92	012.03	0
012	Starch (%)	0656	62.67	0.0000	64.68	3.306	0.5602	10	-0.61	012.03	0
012	Starch (%)	0870	63.06	0.6615	64.68	3.306	0.5602	10	-0.49	012.01	0
012	Starch (%)	0226	63.90	0.6400	64.68	3.306	0.5602	10	-0.24	012.04	0
012	Starch (%)	0407	64.14	0.7523	64.68	3.306	0.5602	10	-0.16	012.01	0
012	Starch (%)	0918	66.99	0.4930	64.68	3.306	0.5602	10	0.70	012.99	0
012	Starch (%)	0619	67.30	0.4000	64.68	3.306	0.5602	10	0.79	012.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
012	Starch (%)	2023	68.00	0.2000	64.68	3.306	0.5602	10	1.00	012.00	0
012	Starch (%)	0918	68.83	0.9170	64.68	3.306	0.5602	10	1.25	012.01	0
013	Fat, Pretreat (%)	2122	2.940	0.2200	3.780	0.2983	0.1344	25	-2.82	013.02	0
013	Fat, Pretreat (%)	2016	3.185	0.0700	3.780	0.2983	0.1344	25	-1.99	013.00	0
013	Fat, Pretreat (%)	0139	3.200	0.0200	3.780	0.2983	0.1344	25	-1.94	013.02	0
013	Fat, Pretreat (%)	2124	3.505	0.0100	3.780	0.2983	0.1344	25	-0.92	013.10	0
013	Fat, Pretreat (%)	2312	3.530	0.0000	3.780	0.2983	0.1344	25	-0.84	013.02	0
013	Fat, Pretreat (%)	0309	3.584	0.4613	3.780	0.2983	0.1344	25	-0.66	013.00	0
013	Fat, Pretreat (%)	0098	3.645	0.1100	3.780	0.2983	0.1344	25	-0.45	013.02	0
013	Fat, Pretreat (%)	0208	3.665	0.2700	3.780	0.2983	0.1344	25	-0.39	013.02	0
013	Fat, Pretreat (%)	0910	3.700	0.0800	3.780	0.2983	0.1344	25	-0.27	013.00	0
013	Fat, Pretreat (%)	0650	3.710	0.1400	3.780	0.2983	0.1344	25	-0.23	013.00	0
013	Fat, Pretreat (%)	0001	3.746	0.2390	3.780	0.2983	0.1344	25	-0.12	013.02	0
013	Fat, Pretreat (%)	2393	3.760	0.2000	3.780	0.2983	0.1344	25	-0.07	013.00	0
013	Fat, Pretreat (%)	0242	3.770	0.0800	3.780	0.2983	0.1344	25	-0.03	013.00	0
013	Fat, Pretreat (%)	2436	3.785	0.2700	3.780	0.2983	0.1344	25	0.02	013.00	0
013	Fat, Pretreat (%)	2437	3.850	0.0000	3.780	0.2983	0.1344	25	0.23	013.00	0
013	Fat, Pretreat (%)	2438	3.850	0.0400	3.780	0.2983	0.1344	25	0.23	013.00	0
013	Fat, Pretreat (%)	0870	3.854	0.1493	3.780	0.2983	0.1344	25	0.25	013.02	0
013	Fat, Pretreat (%)	2435	3.870	0.0800	3.780	0.2983	0.1344	25	0.30	013.00	0
013	Fat, Pretreat (%)	0845	3.895	0.1700	3.780	0.2983	0.1344	25	0.39	013.10	0
013	Fat, Pretreat (%)	2429	3.960	0.0400	3.780	0.2983	0.1344	25	0.60	013.00	0
013	Fat, Pretreat (%)	2023	4.035	0.0300	3.780	0.2983	0.1344	25	0.85	013.02	0
013	Fat, Pretreat (%)	0171	4.120	0.0400	3.780	0.2983	0.1344	25	1.14	013.02	0
013	Fat, Pretreat (%)	2414	4.215	0.2700	3.780	0.2983	0.1344	25	1.46	013.02	0
013	Fat, Pretreat (%)	0407	4.248	0.1205	3.780	0.2983	0.1344	25	1.57	013.13	0
013	Fat, Pretreat (%)	0407	4.268	0.1530	3.780	0.2983	0.1344	25	1.63	013.02	0
013	Fat, Pretreat (%)	2439	3.745	0.7900	3.780	0.2983	0.1344	25	-0.12	013.00	1
015	Aluminum (ppm)	0407	0.6667	0.2315				3		015.53	0
015	Aluminum (ppm)	0407	0.7368	0.2026				3		015.43	0
015	Aluminum (ppm)	0407	2.240	1.124				3		015.41	0
017	Boron (ppm)	0407	0.7207	0.1377	1.432	0.4644	0.0885	5		017.41	0
017	Boron (ppm)	0407	1.346	0.1531	1.432	0.4644	0.0885	5		017.53	0
017	Boron (ppm)	0407	1.545	0.0032	1.432	0.4644	0.0885	5		017.43	0
017	Boron (ppm)	0918	1.550	0.0600	1.432	0.4644	0.0885	5		017.43	0
017	Boron (ppm)	0510	2.000	0.0000	1.432	0.4644	0.0885	5		017.43	0
019	Calcium (%)	0026	0.0025	0.0010	0.0069	0.0037	0.0005	35	-1.18	019.42	0
019	Calcium (%)	0918	0.0030	0.0020	0.0069	0.0037	0.0005	35	-1.04	019.43	0
019	Calcium (%)	2429	0.0036	0.0005	0.0069	0.0037	0.0005	35	-0.90	019.43	0
019	Calcium (%)	2023	0.0036	0.0002	0.0069	0.0037	0.0005	35	-0.88	019.43	0
019	Calcium (%)	0870	0.0039	0.0000	0.0069	0.0037	0.0005	35	-0.80	019.42	0
019	Calcium (%)	0870	0.0040	0.0000	0.0069	0.0037	0.0005	35	-0.78	019.43	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
019	Calcium (%)	2124	0.0040	0.0000	0.0069	0.0037	0.0005	35	-0.78	019.43	0
019	Calcium (%)	2439	0.0040	0.0006	0.0069	0.0037	0.0005	35	-0.78	019.43	0
019	Calcium (%)	2428	0.0040	0.0016	0.0069	0.0037	0.0005	35	-0.78	019.53	0
019	Calcium (%)	0098	0.0041	0.0004	0.0069	0.0037	0.0005	35	-0.75	019.43	0
019	Calcium (%)	2033	0.0041	0.0002	0.0069	0.0037	0.0005	35	-0.75	019.43	0
019	Calcium (%)	2438	0.0041	0.0002	0.0069	0.0037	0.0005	35	-0.75	019.43	0
019	Calcium (%)	2435	0.0042	0.0002	0.0069	0.0037	0.0005	35	-0.72	019.43	0
019	Calcium (%)	0098	0.0043	0.0001	0.0069	0.0037	0.0005	35	-0.71	019.41	0
019	Calcium (%)	0407	0.0044	0.0005	0.0069	0.0037	0.0005	35	-0.68	019.53	0
019	Calcium (%)	0164	0.0045	0.0010	0.0069	0.0037	0.0005	35	-0.64	019.41	0
019	Calcium (%)	2436	0.0045	0.0004	0.0069	0.0037	0.0005	35	-0.64	019.43	0
019	Calcium (%)	2437	0.0050	0.0000	0.0069	0.0037	0.0005	35	-0.51	019.43	0
019	Calcium (%)	0407	0.0057	0.0004	0.0069	0.0037	0.0005	35	-0.32	019.43	0
019	Calcium (%)	0407	0.0068	0.0001	0.0069	0.0037	0.0005	35	-0.04	019.41	0
019	Calcium (%)	0656	0.0100	0.0000	0.0069	0.0037	0.0005	35	0.83	019.31	0
019	Calcium (%)	0226	0.0100	0.0000	0.0069	0.0037	0.0005	35	0.83	019.41	0
019	Calcium (%)	0619	0.0100	0.0000	0.0069	0.0037	0.0005	35	0.83	019.41	0
019	Calcium (%)	1020	0.0100	0.0000	0.0069	0.0037	0.0005	35	0.83	019.41	0
019	Calcium (%)	1022	0.0100	0.0000	0.0069	0.0037	0.0005	35	0.83	019.41	0
019	Calcium (%)	1023	0.0100	0.0000	0.0069	0.0037	0.0005	35	0.83	019.41	0
019	Calcium (%)	0042	0.0100	0.0000	0.0069	0.0037	0.0005	35	0.83	019.43	0
019	Calcium (%)	0226	0.0100	0.0000	0.0069	0.0037	0.0005	35	0.83	019.43	0
019	Calcium (%)	0510	0.0100	0.0000	0.0069	0.0037	0.0005	35	0.83	019.43	0
019	Calcium (%)	0511	0.0100	0.0000	0.0069	0.0037	0.0005	35	0.83	019.43	0
019	Calcium (%)	2089	0.0100	0.0000	0.0069	0.0037	0.0005	35	0.83	019.43	0
019	Calcium (%)	2382	0.0100	0.0000	0.0069	0.0037	0.0005	35	0.83	019.44	0
019	Calcium (%)	1021	0.0200	0.0000	0.0069	0.0037	0.0005	35	3.50	019.41	0
019	Calcium (%)	2415	0.0200	0.0000	0.0069	0.0037	0.0005	35	3.50	019.44	0
019	Calcium (%)	2302	0.0300	0.0000	0.0069	0.0037	0.0005	35	6.17	019.00	0
019	Calcium (%)	2408	0.0215	0.0370	0.0069	0.0037	0.0005	35	3.90	019.44	1
019	Calcium (%)	2219	0.0000	0.0000	0.0069	0.0037	0.0005	35		019.44	4
019	Calcium (%)	2220	0.0000	0.0000	0.0069	0.0037	0.0005	35		019.44	4
019	Calcium (%)	2293	0.0000	0.0000	0.0069	0.0037	0.0005	35		019.44	4
019	Calcium (%)	2330	0.0000	0.0000	0.0069	0.0037	0.0005	35		019.44	4
019	Calcium (%)	2361	0.0000	0.0000	0.0069	0.0037	0.0005	35		019.44	4
019	Calcium (%)	2362	0.0000	0.0000	0.0069	0.0037	0.0005	35		019.44	4
019	Calcium (%)	2380	0.0000	0.0000	0.0069	0.0037	0.0005	35		019.44	4
019	Calcium (%)	2381	0.0000	0.0000	0.0069	0.0037	0.0005	35		019.44	4
019	Calcium (%)	2385	0.0000	0.0000	0.0069	0.0037	0.0005	35		019.44	4
019	Calcium (%)	2414	0.0000	0.0000	0.0069	0.0037	0.0005	35		019.44	4
019	Calcium (%)	2416	0.0000	0.0000	0.0069	0.0037	0.0005	35		019.44	4
019	Calcium (%)	2417	0.0000	0.0000	0.0069	0.0037	0.0005	35		019.44	4

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019	Calcium (%)	2419	0.0000	0.0000	0.0069	0.0037	0.0005	35	019.44	4	
019	Calcium (%)	2420	0.0000	0.0000	0.0069	0.0037	0.0005	35	019.44	4	
019	Calcium (%)	2421	0.0000	0.0000	0.0069	0.0037	0.0005	35	019.44	4	
019	Calcium (%)	2422	0.0000	0.0000	0.0069	0.0037	0.0005	35	019.44	4	
019	Calcium (%)	2424	0.0000	0.0000	0.0069	0.0037	0.0005	35	019.44	4	
019	Calcium (%)	2426	0.0000	0.0000	0.0069	0.0037	0.0005	35	019.44	4	
019	Calcium (%)	2444	0.0000	0.0000	0.0069	0.0037	0.0005	35	019.44	4	
019	Calcium (%)	2452	0.0000	0.0000	0.0069	0.0037	0.0005	35	019.44	4	
019	Calcium (%)	2156	0.0040	0.0080	0.0069	0.0037	0.0005	35	019.44	4	
019	Calcium (%)	0139	0.0050	0.0100	0.0069	0.0037	0.0005	35	019.41	4	
019	Calcium (%)	2250	< 0.005		0.0069	0.0037	0.0005	35	019.53	5	
019	Calcium (%)	0242	< 0.01		0.0069	0.0037	0.0005	35	019.99	5	
019	Calcium (%)	0910	< 0.02		0.0069	0.0037	0.0005	35	019.41	5	
021	Cobalt (ppm)	0407	0.0156	0.0003	0.1487	0.1042	0.0190	4	021.53	0	
021	Cobalt (ppm)	0407	0.1163	0.0118	0.1487	0.1042	0.0190	4	021.41	0	
021	Cobalt (ppm)	0510	0.2250	0.0300	0.1487	0.1042	0.0190	4	021.43	0	
021	Cobalt (ppm)	0407	0.2379	0.0337	0.1487	0.1042	0.0190	4	021.43	0	
021	Cobalt (ppm)	0164	< 0.5		0.1487	0.1042	0.0190	4	021.31	5	
021	Cobalt (ppm)	2428	< 0.5		0.1487	0.1042	0.0190	4	021.53	5	
022	Copper (ppm)	2023	0.0100	0.0000	1.637	0.3805	0.1101	34	-4.28	0	
022	Copper (ppm)	2408	0.0388	0.0445	1.637	0.3805	0.1101	34	-4.20	0	
022	Copper (ppm)	0171	0.3900	0.1200	1.637	0.3805	0.1101	34	-3.28	0	
022	Copper (ppm)	0511	1.000	0.0000	1.637	0.3805	0.1101	34	-1.67	0	
022	Copper (ppm)	2124	1.110	0.2400	1.637	0.3805	0.1101	34	-1.39	0	
022	Copper (ppm)	0226	1.265	0.0500	1.637	0.3805	0.1101	34	-0.98	0	
022	Copper (ppm)	2429	1.300	0.0000	1.637	0.3805	0.1101	34	-0.89	0	
022	Copper (ppm)	2428	1.400	0.2000	1.637	0.3805	0.1101	34	-0.62	0	
022	Copper (ppm)	2438	1.425	0.0500	1.637	0.3805	0.1101	34	-0.56	0	
022	Copper (ppm)	0026	1.472	0.1190	1.637	0.3805	0.1101	34	-0.44	0	
022	Copper (ppm)	2436	1.500	0.2000	1.637	0.3805	0.1101	34	-0.36	0	
022	Copper (ppm)	0870	1.540	0.0170	1.637	0.3805	0.1101	34	-0.26	0	
022	Copper (ppm)	0870	1.613	0.0460	1.637	0.3805	0.1101	34	-0.06	0	
022	Copper (ppm)	2382	1.617	0.0940	1.637	0.3805	0.1101	34	-0.05	0	
022	Copper (ppm)	2444	1.619	0.0780	1.637	0.3805	0.1101	34	-0.05	0	
022	Copper (ppm)	2415	1.628	0.0150	1.637	0.3805	0.1101	34	-0.03	0	
022	Copper (ppm)	2414	1.630	0.1070	1.637	0.3805	0.1101	34	-0.02	0	
022	Copper (ppm)	0918	1.655	0.1100	1.637	0.3805	0.1101	34	0.05	0	
022	Copper (ppm)	2380	1.668	0.0300	1.637	0.3805	0.1101	34	0.08	0	
022	Copper (ppm)	2033	1.700	0.0000	1.637	0.3805	0.1101	34	0.16	0	
022	Copper (ppm)	0407	1.705	0.5534	1.637	0.3805	0.1101	34	0.18	0	
022	Copper (ppm)	0407	1.720	0.2469	1.637	0.3805	0.1101	34	0.22	0	
022	Copper (ppm)	0010	1.750	0.1000	1.637	0.3805	0.1101	34	0.30	0	

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
022	Copper (ppm)	2381	1.795	0.1370	1.637	0.3805	0.1101	34	0.41	022.44	0
022	Copper (ppm)	0407	1.799	0.0076	1.637	0.3805	0.1101	34	0.43	022.41	0
022	Copper (ppm)	2219	1.945	0.2160	1.637	0.3805	0.1101	34	0.81	022.44	0
022	Copper (ppm)	2220	1.953	0.0300	1.637	0.3805	0.1101	34	0.83	022.44	0
022	Copper (ppm)	0510	2.000	0.0000	1.637	0.3805	0.1101	34	0.95	022.43	0
022	Copper (ppm)	2330	2.025	0.2830	1.637	0.3805	0.1101	34	1.02	022.44	0
022	Copper (ppm)	0619	2.035	0.0100	1.637	0.3805	0.1101	34	1.05	022.41	0
022	Copper (ppm)	0226	2.050	0.0000	1.637	0.3805	0.1101	34	1.08	022.41	0
022	Copper (ppm)	2156	2.070	0.0200	1.637	0.3805	0.1101	34	1.14	022.44	0
022	Copper (ppm)	0164	2.350	0.1000	1.637	0.3805	0.1101	34	1.87	022.41	0
022	Copper (ppm)	0047	3.139	0.1910	1.637	0.3805	0.1101	34	3.95	022.52	0
022	Copper (ppm)	0042	3.245	1.370	1.637	0.3805	0.1101	34	4.22	022.43	1
022	Copper (ppm)	2089	4.480	1.160	1.637	0.3805	0.1101	34	7.47	022.43	1
022	Copper (ppm)	0656	< 0.1514		1.637	0.3805	0.1101	34		022.31	5
022	Copper (ppm)	0242	< 1		1.637	0.3805	0.1101	34		022.99	5
022	Copper (ppm)	0529	< 9.6		1.637	0.3805	0.1101	34		022.31	5
025	Iron (ppm)	2023	0.1450	0.0100	17.65	3.916	1.293	23	-4.47	025.43	0
025	Iron (ppm)	2428	12.35	5.300	17.65	3.916	1.293	23	-1.35	025.53	0
025	Iron (ppm)	2089	12.61	2.430	17.65	3.916	1.293	23	-1.29	025.43	0
025	Iron (ppm)	0242	14.00	0.0000	17.65	3.916	1.293	23	-0.93	025.99	0
025	Iron (ppm)	0226	15.46	0.2900	17.65	3.916	1.293	23	-0.56	025.43	0
025	Iron (ppm)	0870	15.87	0.8500	17.65	3.916	1.293	23	-0.46	025.42	0
025	Iron (ppm)	0407	16.07	1.154	17.65	3.916	1.293	23	-0.40	025.53	0
025	Iron (ppm)	0870	16.24	0.4300	17.65	3.916	1.293	23	-0.36	025.43	0
025	Iron (ppm)	2124	16.37	0.4500	17.65	3.916	1.293	23	-0.33	025.43	0
025	Iron (ppm)	0510	16.50	1.000	17.65	3.916	1.293	23	-0.29	025.43	0
025	Iron (ppm)	0511	16.50	3.000	17.65	3.916	1.293	23	-0.29	025.43	0
025	Iron (ppm)	2033	16.50	1.000	17.65	3.916	1.293	23	-0.29	025.43	0
025	Iron (ppm)	0918	17.61	2.610	17.65	3.916	1.293	23	-0.01	025.43	0
025	Iron (ppm)	0164	18.00	0.0000	17.65	3.916	1.293	23	0.09	025.41	0
025	Iron (ppm)	0171	18.40	0.4000	17.65	3.916	1.293	23	0.19	025.41	0
025	Iron (ppm)	0407	19.21	0.2323	17.65	3.916	1.293	23	0.40	025.43	0
025	Iron (ppm)	0529	19.30	0.2000	17.65	3.916	1.293	23	0.42	025.31	0
025	Iron (ppm)	0407	19.90	1.525	17.65	3.916	1.293	23	0.57	025.41	0
025	Iron (ppm)	0226	20.99	0.3200	17.65	3.916	1.293	23	0.85	025.41	0
025	Iron (ppm)	0619	21.80	1.000	17.65	3.916	1.293	23	1.06	025.41	0
025	Iron (ppm)	0026	24.74	7.326	17.65	3.916	1.293	23	1.81	025.42	0
025	Iron (ppm)	0042	26.50	7.000	17.65	3.916	1.293	23	2.26	025.43	0
025	Iron (ppm)	0047	30.52	0.4300	17.65	3.916	1.293	23	3.28	025.52	0
025	Iron (ppm)	0656	< 0.162		17.65	3.916	1.293	23		025.31	5
027	Magnesium (%)	0026	0.0495	0.0010	0.0709	0.0054	0.0027	58	-3.95	027.42	0
027	Magnesium (%)	2385	0.0630	0.0000	0.0709	0.0054	0.0027	58	-1.46	027.44	0



Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
027	Magnesium (%)	2421	0.0640	0.0000	0.0709	0.0054	0.0027	58	-1.28	027.44	0
027	Magnesium (%)	2429	0.0653	0.0059	0.0709	0.0054	0.0027	58	-1.05	027.43	0
027	Magnesium (%)	2381	0.0655	0.0010	0.0709	0.0054	0.0027	58	-1.00	027.44	0
027	Magnesium (%)	2444	0.0655	0.0010	0.0709	0.0054	0.0027	58	-1.00	027.44	0
027	Magnesium (%)	2023	0.0657	0.0015	0.0709	0.0054	0.0027	58	-0.97	027.43	0
027	Magnesium (%)	2156	0.0660	0.0020	0.0709	0.0054	0.0027	58	-0.91	027.44	0
027	Magnesium (%)	2382	0.0660	0.0000	0.0709	0.0054	0.0027	58	-0.91	027.44	0
027	Magnesium (%)	2414	0.0660	0.0000	0.0709	0.0054	0.0027	58	-0.91	027.44	0
027	Magnesium (%)	2452	0.0660	0.0020	0.0709	0.0054	0.0027	58	-0.91	027.44	0
027	Magnesium (%)	2416	0.0665	0.0010	0.0709	0.0054	0.0027	58	-0.82	027.44	0
027	Magnesium (%)	2219	0.0670	0.0020	0.0709	0.0054	0.0027	58	-0.73	027.44	0
027	Magnesium (%)	2415	0.0670	0.0000	0.0709	0.0054	0.0027	58	-0.73	027.44	0
027	Magnesium (%)	2417	0.0670	0.0000	0.0709	0.0054	0.0027	58	-0.73	027.44	0
027	Magnesium (%)	2420	0.0670	0.0000	0.0709	0.0054	0.0027	58	-0.73	027.44	0
027	Magnesium (%)	2426	0.0670	0.0020	0.0709	0.0054	0.0027	58	-0.73	027.44	0
027	Magnesium (%)	2408	0.0680	0.0020	0.0709	0.0054	0.0027	58	-0.54	027.44	0
027	Magnesium (%)	2419	0.0680	0.0000	0.0709	0.0054	0.0027	58	-0.54	027.44	0
027	Magnesium (%)	2422	0.0680	0.0040	0.0709	0.0054	0.0027	58	-0.54	027.44	0
027	Magnesium (%)	2424	0.0680	0.0020	0.0709	0.0054	0.0027	58	-0.54	027.44	0
027	Magnesium (%)	2330	0.0685	0.0010	0.0709	0.0054	0.0027	58	-0.45	027.44	0
027	Magnesium (%)	2362	0.0685	0.0010	0.0709	0.0054	0.0027	58	-0.45	027.44	0
027	Magnesium (%)	2380	0.0685	0.0010	0.0709	0.0054	0.0027	58	-0.45	027.44	0
027	Magnesium (%)	2293	0.0690	0.0000	0.0709	0.0054	0.0027	58	-0.36	027.44	0
027	Magnesium (%)	2361	0.0690	0.0060	0.0709	0.0054	0.0027	58	-0.36	027.44	0
027	Magnesium (%)	0407	0.0699	0.0004	0.0709	0.0054	0.0027	58	-0.19	027.53	0
027	Magnesium (%)	0656	0.0700	0.0000	0.0709	0.0054	0.0027	58	-0.17	027.31	0
027	Magnesium (%)	0226	0.0700	0.0000	0.0709	0.0054	0.0027	58	-0.17	027.43	0
027	Magnesium (%)	0511	0.0700	0.0000	0.0709	0.0054	0.0027	58	-0.17	027.43	0
027	Magnesium (%)	0242	0.0700	0.0000	0.0709	0.0054	0.0027	58	-0.17	027.99	0
027	Magnesium (%)	1020	0.0705	0.0010	0.0709	0.0054	0.0027	58	-0.08	027.41	0
027	Magnesium (%)	1021	0.0705	0.0010	0.0709	0.0054	0.0027	58	-0.08	027.41	0
027	Magnesium (%)	0918	0.0705	0.0010	0.0709	0.0054	0.0027	58	-0.08	027.43	0
027	Magnesium (%)	0870	0.0710	0.0023	0.0709	0.0054	0.0027	58	0.00	027.43	0
027	Magnesium (%)	1022	0.0710	0.0000	0.0709	0.0054	0.0027	58	0.01	027.41	0
027	Magnesium (%)	2436	0.0725	0.0087	0.0709	0.0054	0.0027	58	0.28	027.43	0
027	Magnesium (%)	0870	0.0728	0.0002	0.0709	0.0054	0.0027	58	0.34	027.42	0
027	Magnesium (%)	0139	0.0735	0.0050	0.0709	0.0054	0.0027	58	0.47	027.41	0
027	Magnesium (%)	0098	0.0741	0.0000	0.0709	0.0054	0.0027	58	0.58	027.41	0
027	Magnesium (%)	2439	0.0741	0.0052	0.0709	0.0054	0.0027	58	0.58	027.43	0
027	Magnesium (%)	0098	0.0743	0.0003	0.0709	0.0054	0.0027	58	0.61	027.43	0
027	Magnesium (%)	0504	0.0745	0.0070	0.0709	0.0054	0.0027	58	0.66	027.42	0
027	Magnesium (%)	2428	0.0745	0.0050	0.0709	0.0054	0.0027	58	0.66	027.53	0

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027	Magnesium (%)	0407	0.0747	0.0022	0.0709	0.0054	0.0027	58	0.69	027.41	0
027	Magnesium (%)	0510	0.0750	0.0100	0.0709	0.0054	0.0027	58	0.75	027.43	0
027	Magnesium (%)	2435	0.0753	0.0024	0.0709	0.0054	0.0027	58	0.80	027.43	0
027	Magnesium (%)	0164	0.0765	0.0010	0.0709	0.0054	0.0027	58	1.02	027.41	0
027	Magnesium (%)	1023	0.0770	0.0000	0.0709	0.0054	0.0027	58	1.12	027.41	0
027	Magnesium (%)	0407	0.0780	0.0017	0.0709	0.0054	0.0027	58	1.29	027.43	0
027	Magnesium (%)	2438	0.0781	0.0039	0.0709	0.0054	0.0027	58	1.31	027.43	0
027	Magnesium (%)	0226	0.0800	0.0000	0.0709	0.0054	0.0027	58	1.67	027.41	0
027	Magnesium (%)	2089	0.0800	0.0000	0.0709	0.0054	0.0027	58	1.67	027.43	0
027	Magnesium (%)	2124	0.0800	0.0000	0.0709	0.0054	0.0027	58	1.67	027.43	0
027	Magnesium (%)	2437	0.0805	0.0091	0.0709	0.0054	0.0027	58	1.75	027.43	0
027	Magnesium (%)	2033	0.0820	0.0020	0.0709	0.0054	0.0027	58	2.04	027.43	0
027	Magnesium (%)	0619	0.0910	0.0060	0.0709	0.0054	0.0027	58	3.70	027.41	0
027	Magnesium (%)	0042	0.2145	0.0050	0.0709	0.0054	0.0027	58	26.44	027.43	0
027	Magnesium (%)	2220	5.599	0.7340	0.0709	0.0054	0.0027	58	>100	027.44	2
028	Manganese (ppm)	2023	0.0560	0.0020	5.732	0.5109	0.2394	52	-11.11	028.43	0
028	Manganese (ppm)	0026	3.471	0.0400	5.732	0.5109	0.2394	52	-4.43	028.42	0
028	Manganese (ppm)	2429	4.875	0.4500	5.732	0.5109	0.2394	52	-1.68	028.43	0
028	Manganese (ppm)	0511	5.000	0.0000	5.732	0.5109	0.2394	52	-1.43	028.43	0
028	Manganese (ppm)	0242	5.000	0.0000	5.732	0.5109	0.2394	52	-1.43	028.99	0
028	Manganese (ppm)	0139	5.063	0.6830	5.732	0.5109	0.2394	52	-1.31	028.41	0
028	Manganese (ppm)	0164	5.150	0.1000	5.732	0.5109	0.2394	52	-1.14	028.41	0
028	Manganese (ppm)	0407	5.165	0.3355	5.732	0.5109	0.2394	52	-1.11	028.53	0
028	Manganese (ppm)	0226	5.230	0.1000	5.732	0.5109	0.2394	52	-0.98	028.43	0
028	Manganese (ppm)	2416	5.315	0.0900	5.732	0.5109	0.2394	52	-0.82	028.44	0
028	Manganese (ppm)	0918	5.385	0.3300	5.732	0.5109	0.2394	52	-0.68	028.43	0
028	Manganese (ppm)	2421	5.395	0.4100	5.732	0.5109	0.2394	52	-0.66	028.44	0
028	Manganese (ppm)	2424	5.430	0.0000	5.732	0.5109	0.2394	52	-0.59	028.44	0
028	Manganese (ppm)	2436	5.450	1.100	5.732	0.5109	0.2394	52	-0.55	028.43	0
028	Manganese (ppm)	2452	5.459	0.3580	5.732	0.5109	0.2394	52	-0.54	028.44	0
028	Manganese (ppm)	2420	5.490	0.3200	5.732	0.5109	0.2394	52	-0.47	028.44	0
028	Manganese (ppm)	2439	5.500	0.5000	5.732	0.5109	0.2394	52	-0.46	028.43	0
028	Manganese (ppm)	2417	5.537	0.3480	5.732	0.5109	0.2394	52	-0.38	028.44	0
028	Manganese (ppm)	2428	5.550	0.9000	5.732	0.5109	0.2394	52	-0.36	028.53	0
028	Manganese (ppm)	2408	5.559	0.6280	5.732	0.5109	0.2394	52	-0.34	028.44	0
028	Manganese (ppm)	0171	5.595	0.1500	5.732	0.5109	0.2394	52	-0.27	028.41	0
028	Manganese (ppm)	0870	5.596	0.3720	5.732	0.5109	0.2394	52	-0.27	028.42	0
028	Manganese (ppm)	2422	5.605	0.2100	5.732	0.5109	0.2394	52	-0.25	028.44	0
028	Manganese (ppm)	2361	5.630	0.9170	5.732	0.5109	0.2394	52	-0.20	028.41	0
028	Manganese (ppm)	2426	5.640	0.1200	5.732	0.5109	0.2394	52	-0.18	028.44	0
028	Manganese (ppm)	2435	5.650	0.1000	5.732	0.5109	0.2394	52	-0.16	028.43	0
028	Manganese (ppm)	0098	5.685	0.0300	5.732	0.5109	0.2394	52	-0.09	028.43	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
028	Manganese (ppm)	2419	5.705	0.7700	5.732	0.5109	0.2394	52	-0.05	028.44	0
028	Manganese (ppm)	0098	5.755	0.2300	5.732	0.5109	0.2394	52	0.04	028.41	0
028	Manganese (ppm)	0870	5.778	0.3090	5.732	0.5109	0.2394	52	0.09	028.43	0
028	Manganese (ppm)	2089	5.840	0.0200	5.732	0.5109	0.2394	52	0.21	028.43	0
028	Manganese (ppm)	2382	5.870	0.0400	5.732	0.5109	0.2394	52	0.27	028.44	0
028	Manganese (ppm)	2438	5.925	0.0500	5.732	0.5109	0.2394	52	0.38	028.43	0
028	Manganese (ppm)	0042	6.000	0.7000	5.732	0.5109	0.2394	52	0.52	028.43	0
028	Manganese (ppm)	0510	6.000	0.0000	5.732	0.5109	0.2394	52	0.52	028.43	0
028	Manganese (ppm)	2033	6.005	0.0100	5.732	0.5109	0.2394	52	0.53	028.43	0
028	Manganese (ppm)	2124	6.005	0.0700	5.732	0.5109	0.2394	52	0.53	028.43	0
028	Manganese (ppm)	2437	6.100	0.0000	5.732	0.5109	0.2394	52	0.72	028.43	0
028	Manganese (ppm)	2444	6.107	0.0370	5.732	0.5109	0.2394	52	0.73	028.44	0
028	Manganese (ppm)	2415	6.112	0.0740	5.732	0.5109	0.2394	52	0.74	028.41	0
028	Manganese (ppm)	0407	6.164	0.0314	5.732	0.5109	0.2394	52	0.84	028.41	0
028	Manganese (ppm)	2380	6.196	0.0950	5.732	0.5109	0.2394	52	0.91	028.44	0
028	Manganese (ppm)	0407	6.204	0.0708	5.732	0.5109	0.2394	52	0.92	028.43	0
028	Manganese (ppm)	2414	6.213	0.0340	5.732	0.5109	0.2394	52	0.94	028.44	0
028	Manganese (ppm)	0226	6.220	0.1800	5.732	0.5109	0.2394	52	0.95	028.41	0
028	Manganese (ppm)	0047	6.255	0.3500	5.732	0.5109	0.2394	52	1.02	028.52	0
028	Manganese (ppm)	2381	6.352	0.1260	5.732	0.5109	0.2394	52	1.21	028.44	0
028	Manganese (ppm)	2385	6.362	0.0210	5.732	0.5109	0.2394	52	1.23	028.44	0
028	Manganese (ppm)	0529	6.450	1.100	5.732	0.5109	0.2394	52	1.40	028.31	0
028	Manganese (ppm)	0619	6.590	0.2400	5.732	0.5109	0.2394	52	1.68	028.41	0
028	Manganese (ppm)	1021	6.705	0.0920	5.732	0.5109	0.2394	52	1.90	028.41	0
028	Manganese (ppm)	1022	6.788	0.0390	5.732	0.5109	0.2394	52	2.07	028.41	0
028	Manganese (ppm)	2156	4.635	1.590	5.732	0.5109	0.2394	52	-2.15	028.44	1
028	Manganese (ppm)	0656	< 0.059		5.732	0.5109	0.2394	52		028.31	5
031	Phosphorus (%)	0026	0.1985	0.0070	0.2478	0.0193	0.0109	65	-2.55	031.42	0
031	Phosphorus (%)	0242	0.2100	0.0000	0.2478	0.0193	0.0109	65	-1.96	031.99	0
031	Phosphorus (%)	2429	0.2105	0.0180	0.2478	0.0193	0.0109	65	-1.93	031.43	0
031	Phosphorus (%)	0407	0.2230	0.0007	0.2478	0.0193	0.0109	65	-1.29	031.53	0
031	Phosphorus (%)	2385	0.2300	0.0000	0.2478	0.0193	0.0109	65	-0.92	031.44	0
031	Phosphorus (%)	2415	0.2300	0.0000	0.2478	0.0193	0.0109	65	-0.92	031.44	0
031	Phosphorus (%)	2417	0.2300	0.0000	0.2478	0.0193	0.0109	65	-0.92	031.44	0
031	Phosphorus (%)	2419	0.2300	0.0000	0.2478	0.0193	0.0109	65	-0.92	031.44	0
031	Phosphorus (%)	2420	0.2300	0.0000	0.2478	0.0193	0.0109	65	-0.92	031.44	0
031	Phosphorus (%)	2421	0.2300	0.0000	0.2478	0.0193	0.0109	65	-0.92	031.44	0
031	Phosphorus (%)	2444	0.2300	0.0000	0.2478	0.0193	0.0109	65	-0.92	031.44	0
031	Phosphorus (%)	2452	0.2300	0.0000	0.2478	0.0193	0.0109	65	-0.92	031.44	0
031	Phosphorus (%)	0504	0.2305	0.0230	0.2478	0.0193	0.0109	65	-0.90	031.42	0
031	Phosphorus (%)	0027	0.2308	0.0054	0.2478	0.0193	0.0109	65	-0.88	031.43	0
031	Phosphorus (%)	2439	0.2313	0.0369	0.2478	0.0193	0.0109	65	-0.86	031.43	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
031	Phosphorus (%)	0139	0.2350	0.0100	0.2478	0.0193	0.0109	65	-0.66	031.41	0
031	Phosphorus (%)	2380	0.2350	0.0100	0.2478	0.0193	0.0109	65	-0.66	031.44	0
031	Phosphorus (%)	2416	0.2350	0.0100	0.2478	0.0193	0.0109	65	-0.66	031.44	0
031	Phosphorus (%)	2426	0.2350	0.0100	0.2478	0.0193	0.0109	65	-0.66	031.44	0
031	Phosphorus (%)	2428	0.2350	0.0500	0.2478	0.0193	0.0109	65	-0.66	031.53	0
031	Phosphorus (%)	2436	0.2352	0.0304	0.2478	0.0193	0.0109	65	-0.65	031.43	0
031	Phosphorus (%)	0098	0.2392	0.0021	0.2478	0.0193	0.0109	65	-0.45	031.41	0
031	Phosphorus (%)	0529	0.2400	0.0000	0.2478	0.0193	0.0109	65	-0.40	031.01	0
031	Phosphorus (%)	1023	0.2400	0.0000	0.2478	0.0193	0.0109	65	-0.40	031.41	0
031	Phosphorus (%)	0226	0.2400	0.0000	0.2478	0.0193	0.0109	65	-0.40	031.43	0
031	Phosphorus (%)	2381	0.2400	0.0000	0.2478	0.0193	0.0109	65	-0.40	031.44	0
031	Phosphorus (%)	2382	0.2400	0.0000	0.2478	0.0193	0.0109	65	-0.40	031.44	0
031	Phosphorus (%)	2422	0.2400	0.0200	0.2478	0.0193	0.0109	65	-0.40	031.44	0
031	Phosphorus (%)	2424	0.2400	0.0000	0.2478	0.0193	0.0109	65	-0.40	031.44	0
031	Phosphorus (%)	0918	0.2405	0.0010	0.2478	0.0193	0.0109	65	-0.38	031.43	0
031	Phosphorus (%)	0001	0.2415	0.0041	0.2478	0.0193	0.0109	65	-0.33	031.03	0
031	Phosphorus (%)	0098	0.2435	0.0037	0.2478	0.0193	0.0109	65	-0.23	031.43	0
031	Phosphorus (%)	0511	0.2450	0.0100	0.2478	0.0193	0.0109	65	-0.15	031.43	0
031	Phosphorus (%)	2414	0.2450	0.0100	0.2478	0.0193	0.0109	65	-0.15	031.44	0
031	Phosphorus (%)	2435	0.2455	0.0101	0.2478	0.0193	0.0109	65	-0.12	031.43	0
031	Phosphorus (%)	0407	0.2483	0.0021	0.2478	0.0193	0.0109	65	0.02	031.41	0
031	Phosphorus (%)	0171	0.2500	0.0000	0.2478	0.0193	0.0109	65	0.11	031.41	0
031	Phosphorus (%)	0226	0.2500	0.0000	0.2478	0.0193	0.0109	65	0.11	031.41	0
031	Phosphorus (%)	0010	0.2500	0.0000	0.2478	0.0193	0.0109	65	0.11	031.43	0
031	Phosphorus (%)	0001	0.2515	0.0070	0.2478	0.0193	0.0109	65	0.19	031.43	0
031	Phosphorus (%)	2438	0.2516	0.0095	0.2478	0.0193	0.0109	65	0.19	031.43	0
031	Phosphorus (%)	0164	0.2545	0.0010	0.2478	0.0193	0.0109	65	0.35	031.41	0
031	Phosphorus (%)	1021	0.2550	0.0100	0.2478	0.0193	0.0109	65	0.37	031.41	0
031	Phosphorus (%)	2033	0.2550	0.0080	0.2478	0.0193	0.0109	65	0.37	031.43	0
031	Phosphorus (%)	2408	0.2585	0.0030	0.2478	0.0193	0.0109	65	0.55	031.44	0
031	Phosphorus (%)	1020	0.2600	0.0000	0.2478	0.0193	0.0109	65	0.63	031.41	0
031	Phosphorus (%)	0510	0.2600	0.0200	0.2478	0.0193	0.0109	65	0.63	031.43	0
031	Phosphorus (%)	2124	0.2600	0.0000	0.2478	0.0193	0.0109	65	0.63	031.43	0
031	Phosphorus (%)	1022	0.2600	0.0000	0.2478	0.0193	0.0109	65	0.63	031.44	0
031	Phosphorus (%)	2219	0.2605	0.0050	0.2478	0.0193	0.0109	65	0.66	031.44	0
031	Phosphorus (%)	2293	0.2620	0.0000	0.2478	0.0193	0.0109	65	0.73	031.44	0
031	Phosphorus (%)	2361	0.2625	0.0090	0.2478	0.0193	0.0109	65	0.76	031.44	0
031	Phosphorus (%)	0870	0.2644	0.0047	0.2478	0.0193	0.0109	65	0.85	031.42	0
031	Phosphorus (%)	0870	0.2648	0.0061	0.2478	0.0193	0.0109	65	0.88	031.43	0
031	Phosphorus (%)	2330	0.2655	0.0070	0.2478	0.0193	0.0109	65	0.91	031.44	0
031	Phosphorus (%)	0407	0.2728	0.0083	0.2478	0.0193	0.0109	65	1.29	031.43	0
031	Phosphorus (%)	0047	0.2750	0.0300	0.2478	0.0193	0.0109	65	1.41	031.42	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
031	Phosphorus (%)	2156	0.2775	0.0330	0.2478	0.0193	0.0109	65	1.54	031.44	0
031	Phosphorus (%)	2089	0.2800	0.0000	0.2478	0.0193	0.0109	65	1.66	031.43	0
031	Phosphorus (%)	2437	0.2827	0.0032	0.2478	0.0193	0.0109	65	1.80	031.43	0
031	Phosphorus (%)	2302	0.2900	0.0000	0.2478	0.0193	0.0109	65	2.18	031.01	0
031	Phosphorus (%)	2362	0.2900	0.0480	0.2478	0.0193	0.0109	65	2.18	031.44	0
031	Phosphorus (%)	0656	0.3000	0.0000	0.2478	0.0193	0.0109	65	2.70	031.01	0
031	Phosphorus (%)	0619	0.3210	0.0220	0.2478	0.0193	0.0109	65	3.79	031.41	0
031	Phosphorus (%)	0042	0.5940	0.0100	0.2478	0.0193	0.0109	65	17.91	031.43	0
031	Phosphorus (%)	2220	0.4865	0.4490	0.2478	0.0193	0.0109	65	12.35	031.44	1
031	Phosphorus (%)	2023	24.65	0.1000	0.2478	0.0193	0.0109	65	>100	031.43	2
032	Potassium (%)	0026	0.2255	0.0010	0.3041	0.0213	0.0127	63	-3.69	032.42	0
032	Potassium (%)	0047	0.2650	0.0300	0.3041	0.0213	0.0127	63	-1.83	032.42	0
032	Potassium (%)	2385	0.2650	0.0100	0.3041	0.0213	0.0127	63	-1.83	032.44	0
032	Potassium (%)	2415	0.2700	0.0200	0.3041	0.0213	0.0127	63	-1.60	032.44	0
032	Potassium (%)	2381	0.2750	0.0100	0.3041	0.0213	0.0127	63	-1.36	032.44	0
032	Potassium (%)	2444	0.2750	0.0100	0.3041	0.0213	0.0127	63	-1.36	032.44	0
032	Potassium (%)	0242	0.2750	0.0100	0.3041	0.0213	0.0127	63	-1.36	032.99	0
032	Potassium (%)	0226	0.2800	0.0000	0.3041	0.0213	0.0127	63	-1.13	032.43	0
032	Potassium (%)	2380	0.2800	0.0000	0.3041	0.0213	0.0127	63	-1.13	032.44	0
032	Potassium (%)	2429	0.2802	0.0171	0.3041	0.0213	0.0127	63	-1.12	032.43	0
032	Potassium (%)	2382	0.2850	0.0100	0.3041	0.0213	0.0127	63	-0.89	032.44	0
032	Potassium (%)	2421	0.2850	0.0100	0.3041	0.0213	0.0127	63	-0.89	032.44	0
032	Potassium (%)	0407	0.2858	0.0080	0.3041	0.0213	0.0127	63	-0.86	032.41	0
032	Potassium (%)	2220	0.2870	0.0220	0.3041	0.0213	0.0127	63	-0.80	032.44	0
032	Potassium (%)	2408	0.2875	0.0090	0.3041	0.0213	0.0127	63	-0.78	032.44	0
032	Potassium (%)	2293	0.2880	0.0240	0.3041	0.0213	0.0127	63	-0.75	032.44	0
032	Potassium (%)	2361	0.2890	0.0040	0.3041	0.0213	0.0127	63	-0.71	032.44	0
032	Potassium (%)	2330	0.2895	0.0150	0.3041	0.0213	0.0127	63	-0.68	032.44	0
032	Potassium (%)	2414	0.2900	0.0000	0.3041	0.0213	0.0127	63	-0.66	032.44	0
032	Potassium (%)	0407	0.2924	0.0058	0.3041	0.0213	0.0127	63	-0.55	032.53	0
032	Potassium (%)	2452	0.2950	0.0100	0.3041	0.0213	0.0127	63	-0.43	032.44	0
032	Potassium (%)	2219	0.2955	0.0070	0.3041	0.0213	0.0127	63	-0.40	032.44	0
032	Potassium (%)	0918	0.2965	0.0030	0.3041	0.0213	0.0127	63	-0.35	032.43	0
032	Potassium (%)	0139	0.3000	0.0200	0.3041	0.0213	0.0127	63	-0.19	032.41	0
032	Potassium (%)	2416	0.3000	0.0000	0.3041	0.0213	0.0127	63	-0.19	032.44	0
032	Potassium (%)	2417	0.3000	0.0000	0.3041	0.0213	0.0127	63	-0.19	032.44	0
032	Potassium (%)	2419	0.3000	0.0000	0.3041	0.0213	0.0127	63	-0.19	032.44	0
032	Potassium (%)	2420	0.3000	0.0000	0.3041	0.0213	0.0127	63	-0.19	032.44	0
032	Potassium (%)	2426	0.3000	0.0000	0.3041	0.0213	0.0127	63	-0.19	032.44	0
032	Potassium (%)	2156	0.3005	0.0210	0.3041	0.0213	0.0127	63	-0.17	032.44	0
032	Potassium (%)	0001	0.3044	0.0158	0.3041	0.0213	0.0127	63	0.02	032.99	0
032	Potassium (%)	0870	0.3047	0.0160	0.3041	0.0213	0.0127	63	0.03	032.43	0



Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
032	Potassium (%)	2436	0.3074	0.0333	0.3041	0.0213	0.0127	63	0.15	032.43	0
032	Potassium (%)	0208	0.3090	0.0100	0.3041	0.0213	0.0127	63	0.23	032.41	0
032	Potassium (%)	1023	0.3100	0.0000	0.3041	0.0213	0.0127	63	0.28	032.41	0
032	Potassium (%)	2089	0.3100	0.0000	0.3041	0.0213	0.0127	63	0.28	032.43	0
032	Potassium (%)	2124	0.3100	0.0000	0.3041	0.0213	0.0127	63	0.28	032.43	0
032	Potassium (%)	2422	0.3100	0.0200	0.3041	0.0213	0.0127	63	0.28	032.44	0
032	Potassium (%)	2424	0.3100	0.0000	0.3041	0.0213	0.0127	63	0.28	032.44	0
032	Potassium (%)	0027	0.3122	0.0105	0.3041	0.0213	0.0127	63	0.38	032.43	0
032	Potassium (%)	0164	0.3150	0.0020	0.3041	0.0213	0.0127	63	0.51	032.41	0
032	Potassium (%)	0226	0.3150	0.0100	0.3041	0.0213	0.0127	63	0.51	032.41	0
032	Potassium (%)	0098	0.3150	0.0100	0.3041	0.0213	0.0127	63	0.51	032.43	0
032	Potassium (%)	0511	0.3150	0.0300	0.3041	0.0213	0.0127	63	0.51	032.43	0
032	Potassium (%)	2428	0.3150	0.0100	0.3041	0.0213	0.0127	63	0.51	032.53	0
032	Potassium (%)	2439	0.3176	0.0252	0.3041	0.0213	0.0127	63	0.64	032.43	0
032	Potassium (%)	2435	0.3177	0.0059	0.3041	0.0213	0.0127	63	0.64	032.43	0
032	Potassium (%)	2362	0.3195	0.0430	0.3041	0.0213	0.0127	63	0.73	032.44	0
032	Potassium (%)	0529	0.3200	0.0000	0.3041	0.0213	0.0127	63	0.75	032.31	0
032	Potassium (%)	0098	0.3200	0.0000	0.3041	0.0213	0.0127	63	0.75	032.41	0
032	Potassium (%)	0010	0.3200	0.0060	0.3041	0.0213	0.0127	63	0.75	032.43	0
032	Potassium (%)	0510	0.3200	0.0000	0.3041	0.0213	0.0127	63	0.75	032.43	0
032	Potassium (%)	0870	0.3229	0.0126	0.3041	0.0213	0.0127	63	0.88	032.42	0
032	Potassium (%)	1021	0.3250	0.0100	0.3041	0.0213	0.0127	63	0.98	032.41	0
032	Potassium (%)	2438	0.3270	0.0115	0.3041	0.0213	0.0127	63	1.07	032.43	0
032	Potassium (%)	0042	0.3290	0.0060	0.3041	0.0213	0.0127	63	1.17	032.43	0
032	Potassium (%)	0656	0.3300	0.0000	0.3041	0.0213	0.0127	63	1.22	032.31	0
032	Potassium (%)	1020	0.3300	0.0000	0.3041	0.0213	0.0127	63	1.22	032.41	0
032	Potassium (%)	1022	0.3300	0.0000	0.3041	0.0213	0.0127	63	1.22	032.41	0
032	Potassium (%)	2033	0.3450	0.0100	0.3041	0.0213	0.0127	63	1.92	032.43	0
032	Potassium (%)	0407	0.3481	0.0093	0.3041	0.0213	0.0127	63	2.07	032.43	0
032	Potassium (%)	0619	0.3505	0.0230	0.3041	0.0213	0.0127	63	2.18	032.41	0
032	Potassium (%)	2437	0.3579	0.0002	0.3041	0.0213	0.0127	63	2.53	032.43	0
032	Potassium (%)	0504	0.2550	0.0740	0.3041	0.0213	0.0127	63	-2.30	032.42	1
032	Potassium (%)	0208	0.3595	0.0730	0.3041	0.0213	0.0127	63	2.60	032.31	1
032	Potassium (%)	2023	28.85	0.1000	0.3041	0.0213	0.0127	63	>100	032.43	2
033	Salt as chloride (%)	2023	0.0500	0.0000	0.0724	0.0134		5		033.01	0
033	Salt as chloride (%)	0650	0.0700	0.0000	0.0724	0.0134		5		033.99	0
033	Salt as chloride (%)	0407	0.0790	0.0000	0.0724	0.0134		5		033.01	0
033	Salt as chloride (%)	0242	0.0800	0.0000	0.0724	0.0134		5		033.01	0
033	Salt as chloride (%)	0510	0.0830	0.0000	0.0724	0.0134		5		033.01	0
033	Salt as chloride (%)	0619	0.0285	0.0010	0.0724	0.0134		5		033.01	1
033	Salt as chloride (%)	0309	< 0.1		0.0724	0.0134		5		033.00	5
033	Salt as chloride (%)	0164	< 0.1		0.0724	0.0134		5		033.01	5

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests			
034	Selenium, Total (Se) (ppm)	0164	0.0600	0.0080				2		034.04	0
034	Selenium, Total (Se) (ppm)	0407	0.0715	0.0091				2		034.53	0
034	Selenium, Total (Se) (ppm)	2428	< 0.5					2		034.53	5
035	Sodium (%)	0870	0.0004	0.0000	0.0069	0.0056	0.0029	36	-1.16	035.42	0
035	Sodium (%)	0870	0.0004	0.0000	0.0069	0.0056	0.0029	36	-1.16	035.43	0
035	Sodium (%)	0407	0.0005	0.0008	0.0069	0.0056	0.0029	36	-1.14	035.53	0
035	Sodium (%)	2438	0.0008	0.0001	0.0069	0.0056	0.0029	36	-1.10	035.43	0
035	Sodium (%)	0407	0.0009	0.0002	0.0069	0.0056	0.0029	36	-1.07	035.41	0
035	Sodium (%)	0407	0.0010	0.0001	0.0069	0.0056	0.0029	36	-1.06	035.43	0
035	Sodium (%)	2429	0.0010	0.0014	0.0069	0.0056	0.0029	36	-1.05	035.43	0
035	Sodium (%)	2437	0.0011	0.0003	0.0069	0.0056	0.0029	36	-1.05	035.43	0
035	Sodium (%)	2435	0.0011	0.0001	0.0069	0.0056	0.0029	36	-1.05	035.43	0
035	Sodium (%)	0226	0.0024	0.0008	0.0069	0.0056	0.0029	36	-0.81	035.43	0
035	Sodium (%)	2220	0.0040	0.0040	0.0069	0.0056	0.0029	36	-0.52	035.41	0
035	Sodium (%)	2330	0.0040	0.0040	0.0069	0.0056	0.0029	36	-0.52	035.41	0
035	Sodium (%)	2408	0.0040	0.0040	0.0069	0.0056	0.0029	36	-0.52	035.41	0
035	Sodium (%)	0619	0.0045	0.0010	0.0069	0.0056	0.0029	36	-0.43	035.41	0
035	Sodium (%)	2293	0.0055	0.0030	0.0069	0.0056	0.0029	36	-0.26	035.41	0
035	Sodium (%)	2361	0.0055	0.0050	0.0069	0.0056	0.0029	36	-0.26	035.41	0
035	Sodium (%)	2362	0.0055	0.0050	0.0069	0.0056	0.0029	36	-0.26	035.41	0
035	Sodium (%)	2156	0.0060	0.0080	0.0069	0.0056	0.0029	36	-0.17	035.41	0
035	Sodium (%)	0042	0.0065	0.0030	0.0069	0.0056	0.0029	36	-0.08	035.43	0
035	Sodium (%)	2219	0.0080	0.0100	0.0069	0.0056	0.0029	36	0.19	035.41	0
035	Sodium (%)	0226	0.0100	0.0000	0.0069	0.0056	0.0029	36	0.54	035.41	0
035	Sodium (%)	1020	0.0100	0.0000	0.0069	0.0056	0.0029	36	0.54	035.41	0
035	Sodium (%)	1021	0.0100	0.0000	0.0069	0.0056	0.0029	36	0.54	035.41	0
035	Sodium (%)	1022	0.0100	0.0000	0.0069	0.0056	0.0029	36	0.54	035.41	0
035	Sodium (%)	1023	0.0100	0.0000	0.0069	0.0056	0.0029	36	0.54	035.41	0
035	Sodium (%)	2382	0.0100	0.0000	0.0069	0.0056	0.0029	36	0.54	035.41	0
035	Sodium (%)	2385	0.0100	0.0000	0.0069	0.0056	0.0029	36	0.54	035.41	0
035	Sodium (%)	2414	0.0100	0.0000	0.0069	0.0056	0.0029	36	0.54	035.41	0
035	Sodium (%)	2419	0.0100	0.0000	0.0069	0.0056	0.0029	36	0.54	035.41	0
035	Sodium (%)	2422	0.0100	0.0000	0.0069	0.0056	0.0029	36	0.54	035.41	0
035	Sodium (%)	2426	0.0100	0.0000	0.0069	0.0056	0.0029	36	0.54	035.41	0
035	Sodium (%)	2380	0.0200	0.0000	0.0069	0.0056	0.0029	36	2.32	035.41	0
035	Sodium (%)	2381	0.0200	0.0000	0.0069	0.0056	0.0029	36	2.32	035.41	0
035	Sodium (%)	2415	0.0200	0.0000	0.0069	0.0056	0.0029	36	2.32	035.41	0
035	Sodium (%)	2444	0.0200	0.0000	0.0069	0.0056	0.0029	36	2.32	035.41	0
035	Sodium (%)	2089	0.0250	0.0100	0.0069	0.0056	0.0029	36	3.21	035.43	0
035	Sodium (%)	2421	0.0000	0.0000	0.0069	0.0056	0.0029	36		035.41	4
035	Sodium (%)	2439	0.0000	0.0000	0.0069	0.0056	0.0029	36		035.43	4
035	Sodium (%)	2436	0.0002	0.0004	0.0069	0.0056	0.0029	36		035.43	4

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests			
035	Sodium (%)	0139	0.0050	0.0100	0.0069	0.0056	0.0029	36		035.41	4
035	Sodium (%)	2416	0.0050	0.0100	0.0069	0.0056	0.0029	36		035.41	4
035	Sodium (%)	2417	0.0050	0.0100	0.0069	0.0056	0.0029	36		035.41	4
035	Sodium (%)	2420	0.0050	0.0100	0.0069	0.0056	0.0029	36		035.41	4
035	Sodium (%)	2424	0.0050	0.0100	0.0069	0.0056	0.0029	36		035.41	4
035	Sodium (%)	2452	0.0050	0.0100	0.0069	0.0056	0.0029	36		035.41	4
035	Sodium (%)	2428	< 0.0005		0.0069	0.0056	0.0029	36		035.53	5
035	Sodium (%)	2033	< 0.001		0.0069	0.0056	0.0029	36		035.43	5
035	Sodium (%)	2124	< 0.001		0.0069	0.0056	0.0029	36		035.43	5
035	Sodium (%)	0164	< 0.002		0.0069	0.0056	0.0029	36		035.41	5
035	Sodium (%)	2023	< 0.002		0.0069	0.0056	0.0029	36		035.43	5
035	Sodium (%)	2250	< 0.005		0.0069	0.0056	0.0029	36		035.53	5
035	Sodium (%)	0918	< 0.01		0.0069	0.0056	0.0029	36		035.43	5
035	Sodium (%)	0242	< 0.01		0.0069	0.0056	0.0029	36		035.99	5
036	Sulfur (%)	0870	0.0929	0.0011	0.0994	0.0060	0.0036	11	-1.08	036.42	0
036	Sulfur (%)	2428	0.0935	0.0110	0.0994	0.0060	0.0036	11	-0.97	036.43	0
036	Sulfur (%)	0042	0.0950	0.0080	0.0994	0.0060	0.0036	11	-0.72	036.43	0
036	Sulfur (%)	0870	0.0956	0.0022	0.0994	0.0060	0.0036	11	-0.62	036.43	0
036	Sulfur (%)	0918	0.0975	0.0050	0.0994	0.0060	0.0036	11	-0.31	036.43	0
036	Sulfur (%)	0098	0.0987	0.0005	0.0994	0.0060	0.0036	11	-0.12	036.43	0
036	Sulfur (%)	0164	0.1000	0.0000	0.0994	0.0060	0.0036	11	0.10	036.42	0
036	Sulfur (%)	0510	0.1000	0.0000	0.0994	0.0060	0.0036	11	0.10	036.43	0
036	Sulfur (%)	0407	0.1044	0.0003	0.0994	0.0060	0.0036	11	0.83	036.43	0
036	Sulfur (%)	0407	0.1072	0.0018	0.0994	0.0060	0.0036	11	1.30	036.42	0
036	Sulfur (%)	2089	0.1500	0.0000	0.0994	0.0060	0.0036	11	8.39	036.43	0
036	Sulfur (%)	0242	< 0.1		0.0994	0.0060	0.0036	11		036.99	5
037	Zinc (ppm)	2023	0.1900	0.0000	18.62	3.778	0.9119	42	-4.88	037.43	0
037	Zinc (ppm)	2408	0.2520	0.0760	18.62	3.778	0.9119	42	-4.86	037.41	0
037	Zinc (ppm)	0027	6.500	1.000	18.62	3.778	0.9119	42	-3.21	037.43	0
037	Zinc (ppm)	0226	11.94	0.1500	18.62	3.778	0.9119	42	-1.77	037.43	0
037	Zinc (ppm)	2381	12.48	0.5500	18.62	3.778	0.9119	42	-1.63	037.41	0
037	Zinc (ppm)	2414	13.46	0.0900	18.62	3.778	0.9119	42	-1.37	037.44	0
037	Zinc (ppm)	2444	13.59	0.3400	18.62	3.778	0.9119	42	-1.33	037.44	0
037	Zinc (ppm)	2382	14.81	0.3800	18.62	3.778	0.9119	42	-1.01	037.41	0
037	Zinc (ppm)	2428	15.00	4.000	18.62	3.778	0.9119	42	-0.96	037.53	0
037	Zinc (ppm)	2220	15.45	4.290	18.62	3.778	0.9119	42	-0.84	037.41	0
037	Zinc (ppm)	2429	16.35	2.100	18.62	3.778	0.9119	42	-0.60	037.43	0
037	Zinc (ppm)	0407	17.28	1.671	18.62	3.778	0.9119	42	-0.36	037.53	0
037	Zinc (ppm)	0511	17.50	1.000	18.62	3.778	0.9119	42	-0.30	037.43	0
037	Zinc (ppm)	0001	17.55	0.8700	18.62	3.778	0.9119	42	-0.29	037.31	0
037	Zinc (ppm)	0918	17.89	0.3200	18.62	3.778	0.9119	42	-0.19	037.43	0
037	Zinc (ppm)	0870	18.14	0.2200	18.62	3.778	0.9119	42	-0.13	037.42	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
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037	Zinc (ppm)	0242	18.50	3.000	18.62	3.778	0.9119	42	-0.03	037.99	0
037	Zinc (ppm)	0870	18.71	0.3400	18.62	3.778	0.9119	42	0.02	037.43	0
037	Zinc (ppm)	0164	19.00	0.0000	18.62	3.778	0.9119	42	0.10	037.41	0
037	Zinc (ppm)	2124	19.23	0.2700	18.62	3.778	0.9119	42	0.16	037.43	0
037	Zinc (ppm)	2438	19.25	0.5000	18.62	3.778	0.9119	42	0.17	037.43	0
037	Zinc (ppm)	0098	19.28	0.3900	18.62	3.778	0.9119	42	0.17	037.43	0
037	Zinc (ppm)	0010	19.55	0.3000	18.62	3.778	0.9119	42	0.25	037.33	0
037	Zinc (ppm)	2436	19.60	0.2000	18.62	3.778	0.9119	42	0.26	037.43	0
037	Zinc (ppm)	0529	19.65	0.1000	18.62	3.778	0.9119	42	0.27	037.31	0
037	Zinc (ppm)	0098	19.72	1.170	18.62	3.778	0.9119	42	0.29	037.41	0
037	Zinc (ppm)	0510	20.00	0.0000	18.62	3.778	0.9119	42	0.36	037.43	0
037	Zinc (ppm)	2033	20.30	0.2000	18.62	3.778	0.9119	42	0.44	037.43	0
037	Zinc (ppm)	0407	20.54	0.5640	18.62	3.778	0.9119	42	0.51	037.41	0
037	Zinc (ppm)	2219	20.63	2.920	18.62	3.778	0.9119	42	0.53	037.41	0
037	Zinc (ppm)	0656	20.87	0.0000	18.62	3.778	0.9119	42	0.59	037.31	0
037	Zinc (ppm)	0026	20.98	3.233	18.62	3.778	0.9119	42	0.62	037.42	0
037	Zinc (ppm)	2415	21.02	0.0500	18.62	3.778	0.9119	42	0.63	037.44	0
037	Zinc (ppm)	0171	21.03	0.8900	18.62	3.778	0.9119	42	0.64	037.41	0
037	Zinc (ppm)	0226	21.04	0.2200	18.62	3.778	0.9119	42	0.64	037.41	0
037	Zinc (ppm)	2380	21.19	0.2500	18.62	3.778	0.9119	42	0.68	037.41	0
037	Zinc (ppm)	0407	21.55	0.8084	18.62	3.778	0.9119	42	0.77	037.43	0
037	Zinc (ppm)	0047	22.84	1.610	18.62	3.778	0.9119	42	1.11	037.52	0
037	Zinc (ppm)	0042	23.10	1.200	18.62	3.778	0.9119	42	1.18	037.43	0
037	Zinc (ppm)	0619	24.25	4.300	18.62	3.778	0.9119	42	1.49	037.41	0
037	Zinc (ppm)	0504	25.00	2.000	18.62	3.778	0.9119	42	1.69	037.42	0
037	Zinc (ppm)	2089	27.29	1.220	18.62	3.778	0.9119	42	2.29	037.43	0
037	Zinc (ppm)	2156	11.45	8.600	18.62	3.778	0.9119	42	-1.90	037.41	1
037	Zinc (ppm)	2330	13.46	7.937	18.62	3.778	0.9119	42	-1.37	037.41	1
038	Molybdenum (ppm)	0407	0.1171	0.0319	0.1242	0.0076	0.0113	4		038.41	0
038	Molybdenum (ppm)	0407	0.1203	0.0032	0.1242	0.0076	0.0113	4		038.43	0
038	Molybdenum (ppm)	0407	0.1248	0.0032	0.1242	0.0076	0.0113	4		038.53	0
038	Molybdenum (ppm)	0164	0.1345	0.0070	0.1242	0.0076	0.0113	4		038.41	0
038	Molybdenum (ppm)	0510	0.3500	0.1000	0.1242	0.0076	0.0113	4		038.43	1
038	Molybdenum (ppm)	2428	< 0.5		0.1242	0.0076	0.0113	4		038.53	5
040	Barium (ppm)	0407	0.1894	0.0477				1		040.53	0
041	Vanadium (ppm)	0407	0.0105	0.0122				1		041.53	0
115	Non Protein N (NPN) (%)	0407	0.1300	0.0000				1		115.00	0
120	Alanine (%)	2023	0.4950	0.0100	0.5563	0.0402	0.0246	9	-1.53	120.02	0
120	Alanine (%)	0407	0.5235	0.0050	0.5563	0.0402	0.0246	9	-0.82	120.05	0
120	Alanine (%)	2428	0.5250	0.1100	0.5563	0.0402	0.0246	9	-0.78	120.99	0
120	Alanine (%)	0226	0.5491	0.0045	0.5563	0.0402	0.0246	9	-0.18	120.00	0
120	Alanine (%)	0504	0.5650	0.0100	0.5563	0.0402	0.0246	9	0.22	120.00	0

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120	Alanine (%)	0870	0.5705	0.0310	0.5563	0.0402	0.0246	9	0.35	120.05	0
120	Alanine (%)	0619	0.5875	0.0070	0.5563	0.0402	0.0246	9	0.78	120.00	0
120	Alanine (%)	0918	0.5900	0.0600	0.5563	0.0402	0.0246	9	0.84	120.00	0
120	Alanine (%)	0656	0.6000	0.0000	0.5563	0.0402	0.0246	9	1.09	120.99	0
121	Arginine (%)	0504	0.3300	0.0000	0.3581	0.0246	0.0161	9	-1.14	121.00	0
121	Arginine (%)	2023	0.3300	0.0000	0.3581	0.0246	0.0161	9	-1.14	121.02	0
121	Arginine (%)	0407	0.3345	0.0030	0.3581	0.0246	0.0161	9	-0.96	121.05	0
121	Arginine (%)	0918	0.3550	0.0100	0.3581	0.0246	0.0161	9	-0.13	121.00	0
121	Arginine (%)	2428	0.3650	0.0500	0.3581	0.0246	0.0161	9	0.28	121.99	0
121	Arginine (%)	0870	0.3690	0.0180	0.3581	0.0246	0.0161	9	0.44	121.05	0
121	Arginine (%)	0226	0.3766	0.0047	0.3581	0.0246	0.0161	9	0.75	121.00	0
121	Arginine (%)	0656	0.3800	0.0000	0.3581	0.0246	0.0161	9	0.89	121.99	0
121	Arginine (%)	0619	0.3830	0.0220	0.3581	0.0246	0.0161	9	1.01	121.00	0
122	Aspartic (%)	2428	0.4350	0.0700	0.4930	0.0399	0.0234	9	-1.45	122.99	0
122	Aspartic (%)	2023	0.4600	0.0000	0.4930	0.0399	0.0234	9	-0.83	122.02	0
122	Aspartic (%)	0407	0.4685	0.0010	0.4930	0.0399	0.0234	9	-0.61	122.05	0
122	Aspartic (%)	0504	0.4850	0.0100	0.4930	0.0399	0.0234	9	-0.20	122.00	0
122	Aspartic (%)	0226	0.4927	0.0178	0.4930	0.0399	0.0234	9	-0.01	122.00	0
122	Aspartic (%)	0656	0.5000	0.0000	0.4930	0.0399	0.0234	9	0.18	122.99	0
122	Aspartic (%)	0918	0.5200	0.0400	0.4930	0.0399	0.0234	9	0.68	122.00	0
122	Aspartic (%)	0619	0.5355	0.0230	0.4930	0.0399	0.0234	9	1.07	122.00	0
122	Aspartic (%)	0870	0.5400	0.0180	0.4930	0.0399	0.0234	9	1.18	122.05	0
124	Cysteine/Cystine (%)	0226	0.1679	0.0026	0.2050	0.0304	0.0135	8	-1.22	124.00	0
124	Cysteine/Cystine (%)	0619	0.1860	0.0120	0.2050	0.0304	0.0135	8	-0.63	124.00	0
124	Cysteine/Cystine (%)	0504	0.1900	0.0000	0.2050	0.0304	0.0135	8	-0.49	124.00	0
124	Cysteine/Cystine (%)	0656	0.1900	0.0000	0.2050	0.0304	0.0135	8	-0.49	124.99	0
124	Cysteine/Cystine (%)	0918	0.2050	0.0300	0.2050	0.0304	0.0135	8	0.00	124.00	0
124	Cysteine/Cystine (%)	2023	0.2200	0.0000	0.2050	0.0304	0.0135	8	0.49	124.02	0
124	Cysteine/Cystine (%)	0407	0.2349	0.0057	0.2050	0.0304	0.0135	8	0.98	124.05	0
124	Cysteine/Cystine (%)	0870	0.2465	0.0170	0.2050	0.0304	0.0135	8	1.36	124.05	0
124	Cysteine/Cystine (%)	2428	0.5100	0.1800	0.2050	0.0304	0.0135	8	10.04	124.99	1
125	Glutamic (%)	2428	1.340	0.2800	1.438	0.0986	0.0713	9	-0.99	125.99	0
125	Glutamic (%)	0407	1.340	0.0240	1.438	0.0986	0.0713	9	-0.99	125.05	0
125	Glutamic (%)	2023	1.365	0.0100	1.438	0.0986	0.0713	9	-0.74	125.02	0
125	Glutamic (%)	0619	1.395	0.0300	1.438	0.0986	0.0713	9	-0.43	125.00	0
125	Glutamic (%)	0504	1.435	0.0500	1.438	0.0986	0.0713	9	-0.03	125.00	0
125	Glutamic (%)	0226	1.453	0.0101	1.438	0.0986	0.0713	9	0.16	125.00	0
125	Glutamic (%)	0656	1.490	0.0000	1.438	0.0986	0.0713	9	0.53	125.99	0
125	Glutamic (%)	0918	1.535	0.1700	1.438	0.0986	0.0713	9	0.99	125.00	0
125	Glutamic (%)	0870	1.658	0.0810	1.438	0.0986	0.0713	9	2.23	125.05	0
126	Glycine (%)	2023	0.2800	0.0000	0.3096	0.0251	0.0149	9	-1.18	126.02	0
126	Glycine (%)	2428	0.2800	0.0400	0.3096	0.0251	0.0149	9	-1.18	126.99	0



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126	Glycine (%)	0504	0.3000	0.0000	0.3096	0.0251	0.0149	9	-0.38	126.00	0
126	Glycine (%)	0407	0.3035	0.0050	0.3096	0.0251	0.0149	9	-0.24	126.05	0
126	Glycine (%)	0226	0.3068	0.0032	0.3096	0.0251	0.0149	9	-0.11	126.00	0
126	Glycine (%)	0619	0.3190	0.0040	0.3096	0.0251	0.0149	9	0.37	126.00	0
126	Glycine (%)	0918	0.3200	0.0200	0.3096	0.0251	0.0149	9	0.41	126.00	0
126	Glycine (%)	0656	0.3300	0.0000	0.3096	0.0251	0.0149	9	0.81	126.99	0
126	Glycine (%)	0870	0.3535	0.0190	0.3096	0.0251	0.0149	9	1.75	126.05	0
127	Histidine (%)	0407	0.1245	0.0010	0.2147	0.0252	0.0042	8	-3.57	127.05	0
127	Histidine (%)	0226	0.1994	0.0049	0.2147	0.0252	0.0042	8	-0.61	127.00	0
127	Histidine (%)	0918	0.2050	0.0100	0.2147	0.0252	0.0042	8	-0.39	127.00	0
127	Histidine (%)	2023	0.2100	0.0000	0.2147	0.0252	0.0042	8	-0.19	127.02	0
127	Histidine (%)	0504	0.2200	0.0000	0.2147	0.0252	0.0042	8	0.21	127.00	0
127	Histidine (%)	0870	0.2240	0.0040	0.2147	0.0252	0.0042	8	0.37	127.05	0
127	Histidine (%)	0656	0.2300	0.0000	0.2147	0.0252	0.0042	8	0.61	127.99	0
127	Histidine (%)	0619	0.3075	0.0010	0.2147	0.0252	0.0042	8	3.68	127.00	0
127	Histidine (%)	2428	0.2000	0.0400	0.2147	0.0252	0.0042	8	-0.58	127.99	1
128	Isoleucine (%)	2023	0.2400	0.0000	0.2661	0.0183	0.0070	8	-1.43	128.02	0
128	Isoleucine (%)	0870	0.2515	0.0030	0.2661	0.0183	0.0070	8	-0.80	128.05	0
128	Isoleucine (%)	0918	0.2550	0.0100	0.2661	0.0183	0.0070	8	-0.61	128.00	0
128	Isoleucine (%)	0407	0.2630	0.0020	0.2661	0.0183	0.0070	8	-0.17	128.05	0
128	Isoleucine (%)	0504	0.2750	0.0100	0.2661	0.0183	0.0070	8	0.49	128.00	0
128	Isoleucine (%)	0226	0.2796	0.0058	0.2661	0.0183	0.0070	8	0.74	128.00	0
128	Isoleucine (%)	0656	0.2800	0.0000	0.2661	0.0183	0.0070	8	0.76	128.99	0
128	Isoleucine (%)	0619	0.2845	0.0110	0.2661	0.0183	0.0070	8	1.01	128.00	0
128	Isoleucine (%)	2428	0.3400	0.2200	0.2661	0.0183	0.0070	8	4.04	128.99	1
129	Leucine (%)	0656	0.8300	0.0000	0.9029	0.0548	0.0384	8	-1.33	129.99	0
129	Leucine (%)	2023	0.8600	0.0000	0.9029	0.0548	0.0384	8	-0.78	129.02	0
129	Leucine (%)	0407	0.8680	0.0060	0.9029	0.0548	0.0384	8	-0.64	129.05	0
129	Leucine (%)	0226	0.9025	0.0185	0.9029	0.0548	0.0384	8	-0.01	129.00	0
129	Leucine (%)	0504	0.9150	0.0300	0.9029	0.0548	0.0384	8	0.22	129.00	0
129	Leucine (%)	0619	0.9255	0.0190	0.9029	0.0548	0.0384	8	0.41	129.00	0
129	Leucine (%)	0918	0.9450	0.0900	0.9029	0.0548	0.0384	8	0.77	129.00	0
129	Leucine (%)	0870	0.9775	0.0670	0.9029	0.0548	0.0384	8	1.36	129.05	0
129	Leucine (%)	2428	0.8900	0.2400	0.9029	0.0548	0.0384	8	-0.24	129.99	1
130	L-Lysine (%)	0407	0.2160	0.0040	0.2398	0.0221	0.0097	9	-1.08	130.05	0
130	L-Lysine (%)	0918	0.2200	0.0000	0.2398	0.0221	0.0097	9	-0.90	130.00	0
130	L-Lysine (%)	2428	0.2200	0.0200	0.2398	0.0221	0.0097	9	-0.90	130.99	0
130	L-Lysine (%)	2023	0.2250	0.0100	0.2398	0.0221	0.0097	9	-0.67	130.02	0
130	L-Lysine (%)	0504	0.2450	0.0100	0.2398	0.0221	0.0097	9	0.23	130.00	0
130	L-Lysine (%)	0656	0.2500	0.0000	0.2398	0.0221	0.0097	9	0.46	130.99	0
130	L-Lysine (%)	0870	0.2580	0.0060	0.2398	0.0221	0.0097	9	0.82	130.05	0
130	L-Lysine (%)	0619	0.2605	0.0130	0.2398	0.0221	0.0097	9	0.93	130.00	0

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130	L-Lysine (%)	0226	0.2640	0.0074	0.2398	0.0221	0.0097	9	1.09	130.00	0
131	Methionine (%)	2428	0.1600	0.0000	0.1857	0.0233	0.0100	8	-1.10	131.99	0
131	Methionine (%)	0226	0.1648	0.0062	0.1857	0.0233	0.0100	8	-0.89	131.00	0
131	Methionine (%)	2023	0.1750	0.0100	0.1857	0.0233	0.0100	8	-0.46	131.02	0
131	Methionine (%)	0504	0.1800	0.0200	0.1857	0.0233	0.0100	8	-0.24	131.00	0
131	Methionine (%)	0619	0.1875	0.0110	0.1857	0.0233	0.0100	8	0.08	131.00	0
131	Methionine (%)	0656	0.1900	0.0000	0.1857	0.0233	0.0100	8	0.18	131.99	0
131	Methionine (%)	0870	0.2075	0.0110	0.1857	0.0233	0.0100	8	0.93	131.05	0
131	Methionine (%)	0407	0.2347	0.0017	0.1857	0.0233	0.0100	8	2.10	131.05	0
131	Methionine (%)	0918	< 0.01		0.1857	0.0233	0.0100	8		131.00	5
132	Phenylalanine (%)	2023	0.3000	0.0000	0.3622	0.0277	0.0110	8	-2.24	132.02	0
132	Phenylalanine (%)	0407	0.3345	0.0010	0.3622	0.0277	0.0110	8	-1.00	132.05	0
132	Phenylalanine (%)	0619	0.3590	0.0200	0.3622	0.0277	0.0110	8	-0.11	132.00	0
132	Phenylalanine (%)	0918	0.3650	0.0100	0.3622	0.0277	0.0110	8	0.10	132.00	0
132	Phenylalanine (%)	0504	0.3700	0.0000	0.3622	0.0277	0.0110	8	0.28	132.00	0
132	Phenylalanine (%)	0656	0.3700	0.0000	0.3622	0.0277	0.0110	8	0.28	132.99	0
132	Phenylalanine (%)	0226	0.3823	0.0022	0.3622	0.0277	0.0110	8	0.73	132.00	0
132	Phenylalanine (%)	0870	0.3960	0.0220	0.3622	0.0277	0.0110	8	1.22	132.05	0
132	Phenylalanine (%)	2428	0.3000	0.1000	0.3622	0.0277	0.0110	8	-2.24	132.99	1
133	Proline (%)	2428	0.5750	0.1500	0.6856	0.0587	0.0367	9	-1.88	133.99	0
133	Proline (%)	0407	0.6395	0.0010	0.6856	0.0587	0.0367	9	-0.79	133.05	0
133	Proline (%)	0619	0.6570	0.0420	0.6856	0.0587	0.0367	9	-0.49	133.00	0
133	Proline (%)	0226	0.6695	0.0015	0.6856	0.0587	0.0367	9	-0.28	133.00	0
133	Proline (%)	0504	0.6750	0.0300	0.6856	0.0587	0.0367	9	-0.18	133.00	0
133	Proline (%)	0656	0.7200	0.0000	0.6856	0.0587	0.0367	9	0.59	133.99	0
133	Proline (%)	0870	0.7220	0.0460	0.6856	0.0587	0.0367	9	0.62	133.05	0
133	Proline (%)	0918	0.7250	0.0700	0.6856	0.0587	0.0367	9	0.67	133.00	0
133	Proline (%)	2023	0.7650	0.0100	0.6856	0.0587	0.0367	9	1.35	133.99	0
134	Serine (%)	0407	0.2725	0.0230	0.3738	0.0224	0.0260	9	-4.52	134.05	0
134	Serine (%)	0504	0.3550	0.0300	0.3738	0.0224	0.0260	9	-0.84	134.00	0
134	Serine (%)	2023	0.3600	0.0000	0.3738	0.0224	0.0260	9	-0.62	134.02	0
134	Serine (%)	2428	0.3750	0.0500	0.3738	0.0224	0.0260	9	0.05	134.99	0
134	Serine (%)	0226	0.3779	0.0041	0.3738	0.0224	0.0260	9	0.18	134.00	0
134	Serine (%)	0619	0.3790	0.0140	0.3738	0.0224	0.0260	9	0.23	134.00	0
134	Serine (%)	0656	0.3800	0.0000	0.3738	0.0224	0.0260	9	0.27	134.99	0
134	Serine (%)	0918	0.3900	0.0400	0.3738	0.0224	0.0260	9	0.72	134.00	0
134	Serine (%)	0870	0.4285	0.0210	0.3738	0.0224	0.0260	9	2.44	134.05	0
135	Threonine (%)	0407	0.2095	0.0030	0.2699	0.0209	0.0112	9	-2.89	135.05	0
135	Threonine (%)	2023	0.2500	0.0000	0.2699	0.0209	0.0112	9	-0.95	135.02	0
135	Threonine (%)	2428	0.2600	0.0400	0.2699	0.0209	0.0112	9	-0.48	135.99	0
135	Threonine (%)	0619	0.2640	0.0040	0.2699	0.0209	0.0112	9	-0.28	135.00	0
135	Threonine (%)	0504	0.2750	0.0100	0.2699	0.0209	0.0112	9	0.24	135.00	0

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT	Your	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests	Z Score	Method	
135	Threonine (%)	0226	0.2769	0.0017	0.2699	0.0209	0.0112	9	0.33	135.00	0
135	Threonine (%)	0656	0.2800	0.0000	0.2699	0.0209	0.0112	9	0.48	135.99	0
135	Threonine (%)	0918	0.2900	0.0200	0.2699	0.0209	0.0112	9	0.96	135.00	0
135	Threonine (%)	0870	0.2950	0.0120	0.2699	0.0209	0.0112	9	1.20	135.05	0
136	Tryptophan (%)	2023	0.0500	0.0000	0.0659	0.0150	0.0076	7	-1.06	136.02	0
136	Tryptophan (%)	0504	0.0550	0.0100	0.0659	0.0150	0.0076	7	-0.72	136.99	0
136	Tryptophan (%)	0226	0.0592	0.0015	0.0659	0.0150	0.0076	7	-0.45	136.03	0
136	Tryptophan (%)	0619	0.0620	0.0040	0.0659	0.0150	0.0076	7	-0.26	136.00	0
136	Tryptophan (%)	0407	0.0715	0.0110	0.0659	0.0150	0.0076	7	0.38	136.05	0
136	Tryptophan (%)	0918	0.0750	0.0100	0.0659	0.0150	0.0076	7	0.61	136.00	0
136	Tryptophan (%)	0870	0.1725	0.0090	0.0659	0.0150	0.0076	7	7.10	136.05	0
136	Tryptophan (%)	2428	0.1500	0.0400	0.0659	0.0150	0.0076	7	5.60	136.99	1
137	Tyrosine (%)	0504	0.1500	0.0000	0.2273	0.0778	0.0442	8	-0.99	137.00	0
137	Tyrosine (%)	2023	0.1700	0.0000	0.2273	0.0778	0.0442	8	-0.74	137.02	0
137	Tyrosine (%)	0407	0.1865	0.0690	0.2273	0.0778	0.0442	8	-0.52	137.05	0
137	Tyrosine (%)	0918	0.2000	0.0000	0.2273	0.0778	0.0442	8	-0.35	137.00	0
137	Tyrosine (%)	2428	0.2000	0.0800	0.2273	0.0778	0.0442	8	-0.35	137.99	0
137	Tyrosine (%)	0226	0.2637	0.0046	0.2273	0.0778	0.0442	8	0.47	137.00	0
137	Tyrosine (%)	0656	0.3100	0.0000	0.2273	0.0778	0.0442	8	1.06	137.99	0
137	Tyrosine (%)	0870	0.3385	0.0230	0.2273	0.0778	0.0442	8	1.43	137.05	0
137	Tyrosine (%)	0910	< 0.1		0.2273	0.0778	0.0442	8		137.00	5
138	Valine (%)	2023	0.3450	0.0100	0.3825	0.0338	0.0125	8	-1.11	138.02	0
138	Valine (%)	0870	0.3600	0.0240	0.3825	0.0338	0.0125	8	-0.67	138.05	0
138	Valine (%)	0504	0.3650	0.0100	0.3825	0.0338	0.0125	8	-0.52	138.00	0
138	Valine (%)	0918	0.3650	0.0300	0.3825	0.0338	0.0125	8	-0.52	138.00	0
138	Valine (%)	0226	0.3746	0.0047	0.3825	0.0338	0.0125	8	-0.24	138.00	0
138	Valine (%)	0656	0.4100	0.0000	0.3825	0.0338	0.0125	8	0.81	138.99	0
138	Valine (%)	0407	0.4165	0.0030	0.3825	0.0338	0.0125	8	1.01	138.05	0
138	Valine (%)	0619	0.4240	0.0060	0.3825	0.0338	0.0125	8	1.23	138.00	0
138	Valine (%)	2428	0.2600	0.0800	0.3825	0.0338	0.0125	8	-3.62	138.99	1
139	Taurine (%)	0407	0.0010	0.0000				2		139.05	0
139	Taurine (%)	0504	0.1600	0.0200				2		139.00	0
400	Water Activity (Units)	0407	0.5823	0.0001				1		400.01	0
413	Starch, Resistant (%)	0171	63.15	0.8100				1		413.01	0
516	Arsenic, Total (As) (ppm)	0407	0.0226	0.0098				1		516.53	0
516	Arsenic, Total (As) (ppm)	2428	< 0.5					1		516.53	5
516	Arsenic, Total (As) (ppm)	2124	< 0.89					1		516.43	5
518	Cadmium (ppm)	0407	0.0039	0.0004				3		518.53	0
518	Cadmium (ppm)	0407	0.0131	0.0025				3		518.41	0
518	Cadmium (ppm)	0407	0.0199	0.0177				3		518.43	0
518	Cadmium (ppm)	2124	< 0.16					3		518.43	5
518	Cadmium (ppm)	2428	< 0.25					3		518.53	5

Method Group	Analyte Group (Units)	Lab Code	Lab Data		Robust* Analyte Values				AAFCO PT Z Score	Your Method	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Tests			
520	Chromium, Total (Cr) (ppm)	0407	0.0595	0.0361				3	520.53	0	
520	Chromium, Total (Cr) (ppm)	0407	0.2674	0.0031				3	520.41	0	
520	Chromium, Total (Cr) (ppm)	0407	0.3438	0.0016				3	520.43	0	
520	Chromium, Total (Cr) (ppm)	0510	0.3400	0.2200				3	520.43	1	
520	Chromium, Total (Cr) (ppm)	2428	< 0.5					3	520.53	5	
526	Lead (ppm)	0407	0.0045	0.0007				3	526.53	0	
526	Lead (ppm)	0407	0.0401	0.0476				3	526.41	0	
526	Lead (ppm)	0407	0.2472	0.0288				3	526.43	0	
526	Lead (ppm)	2428	< 0.5					3	526.53	5	
529	Mercury (ppb)	0407	1.056	0.0621				1	529.99	0	
529	Mercury (ppb)	2428	< 100					1	529.99	5	
539	Nickel (ppm)	0407	0.4500	0.0201				3	539.53	0	
539	Nickel (ppm)	0407	0.5025	0.0842				3	539.43	0	
539	Nickel (ppm)	0407	0.5381	0.0118				3	539.41	0	
539	Nickel (ppm)	2428	< 0.5					3	539.53	5	
710	Lauric Acid (12:0) (% (w/w))	0164	< 0.02					0	710.99	5	
714	Myristic Acid (14:0) (% (w/w))	0164	< 0.02					0	714.99	5	
716	Palmitic Acid (16:0) (% (w/w))	0164	0.2945	0.0010				1	716.99	0	
718	Palmitoleic Acid (9c-16:1) (% (w/w))	0164	< 0.02					0	718.99	5	
724	Oleic Acid (9c-18:1) (% (w/w))	0164	0.8555	0.0030				1	724.99	0	
726	Linoleic Acid (9c,12c-18:2) (% (w/w))	0164	1.641	0.0080				1	726.99	0	
728	alpha-Linolenic Acid (9c,12c,15c-18:3)	0164	0.0360	0.0000				1	728.99	0	
742	Behenic Acid (22:0) (% (w/w))	0164	< 0.02					0	742.99	5	
754	Total n-3 Polyunsaturated (Omega-3)	0164	0.0360	0.0000				1	754.99	0	
756	Total n-6 Polyunsaturated (Omega-6)	0164	1.641	0.0080				1	756.99	0	
758	Total Saturated Fatty Acids (% (w/w))	0164	0.3695	0.0010				1	758.99	0	
762	Total Monounsaturated Fatty Acids (%)	0164	0.8930	0.0020				1	762.99	0	
766	Total Polyunsaturated Fatty Acids (%)	0164	1.677	0.0080				1	766.99	0	
770	Total Fat (equivalent to NLEA) (% (w/w))	0164	3.076	0.0130				1	770.99	0	
772	Total Fatty Acids (% (w/w))	0164	2.942	0.0130				1	772.99	0	

**Note 1:** Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or between -2 and -3 (warning) and Green = Z <= 2 and >= -2 (OK at 95%).

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

**Note 3:** \*Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). A zero range is not included in robust R-bar calculation.