



**AAFCO**  
Association of American Feed Control Officials



**Animal Feed Scheme**

**Equine Feed**

**Test Material Code # 202322**

**Method Proficiency Testing Report**

**# Labs Reporting: 154**

**# Methods Reported 357**

**Issue Date : 03/31/2023**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.6000	0.0000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	8.701	0.0597	9.156	0.3460	0.0499	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.109	0.0100	9.156	0.3460	0.0499	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.300	0.1200	9.156	0.3460	0.0499	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.515	0.0100	9.156	0.3460	0.0499	4			0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.285	0.0100				2			0
001.03	Loss on Drying, Low temp. methods (%)	0843	9.760	0.1000				2			0
001.05	Loss on Drying, LECO (%)	0644	9.315	0.0220				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.600	0.2200	9.272	0.2957	0.0850	40	-2.27	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	8.650	0.1000	9.272	0.2957	0.0850	40	-2.10	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	8.725	0.0500	9.272	0.2957	0.0850	40	-1.85	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0010	8.900	0.0000	9.272	0.2957	0.0850	40	-1.26	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2442	8.910	0.0400	9.272	0.2957	0.0850	40	-1.22	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	8.955	0.0700	9.272	0.2957	0.0850	40	-1.07	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	8.970	0.0600	9.272	0.2957	0.0850	40	-1.02	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	8.985	0.3100	9.272	0.2957	0.0850	40	-0.97	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2345	8.985	0.1700	9.272	0.2957	0.0850	40	-0.97	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	9.080	0.0000	9.272	0.2957	0.0850	40	-0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	9.119	0.0100	9.272	0.2957	0.0850	40	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	9.140	0.0400	9.272	0.2957	0.0850	40	-0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	9.150	0.1000	9.272	0.2957	0.0850	40	-0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.155	0.0100	9.272	0.2957	0.0850	40	-0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	9.170	0.1000	9.272	0.2957	0.0850	40	-0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	9.220	0.0000	9.272	0.2957	0.0850	40	-0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.235	0.0100	9.272	0.2957	0.0850	40	-0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.245	0.0300	9.272	0.2957	0.0850	40	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0039	9.250	0.1000	9.272	0.2957	0.0850	40	-0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.270	0.0800	9.272	0.2957	0.0850	40	-0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.295	0.1300	9.272	0.2957	0.0850	40	0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.305	0.0300	9.272	0.2957	0.0850	40	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.325	0.3500	9.272	0.2957	0.0850	40	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	9.330	0.0600	9.272	0.2957	0.0850	40	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2195	9.355	0.0100	9.272	0.2957	0.0850	40	0.28	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	9.360	0.0800	9.272	0.2957	0.0850	40	0.30	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.375	0.0900	9.272	0.2957	0.0850	40	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	9.375	0.1100	9.272	0.2957	0.0850	40	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	9.392	0.0010	9.272	0.2957	0.0850	40	0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	9.430	0.0800	9.272	0.2957	0.0850	40	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.500	0.2000	9.272	0.2957	0.0850	40	0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	9.500	0.0200	9.272	0.2957	0.0850	40	0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	9.505	0.0300	9.272	0.2957	0.0850	40	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.545	0.0100	9.272	0.2957	0.0850	40	0.92	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.605	0.0700	9.272	0.2957	0.0850	40	1.13	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2445	9.645	0.0300	9.272	0.2957	0.0850	40	1.26	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	9.670	0.1506	9.272	0.2957	0.0850	40	1.35	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.735	0.0100	9.272	0.2957	0.0850	40	1.57	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.760	0.0000	9.272	0.2957	0.0850	40	1.65	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.760	0.1000	9.272	0.2957	0.0850	40	1.65	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.710	2.780	9.272	0.2957	0.0850	40	-1.90	3%	1
001.99	Loss on Drying, Miscellaneous (%)	0889	8.505	0.2100	9.193	0.3934	0.1199	15	-1.75	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.785	0.0500	9.193	0.3934	0.1199	15	-1.04	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	8.827	0.0080	9.193	0.3934	0.1199	15	-0.93	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	8.860	0.2400	9.193	0.3934	0.1199	15	-0.85	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	9.015	0.0500	9.193	0.3934	0.1199	15	-0.45	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.050	0.1000	9.193	0.3934	0.1199	15	-0.36	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	9.160	0.0000	9.193	0.3934	0.1199	15	-0.08	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.175	0.0500	9.193	0.3934	0.1199	15	-0.05	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	9.200	0.0000	9.193	0.3934	0.1199	15	0.02	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	9.220	0.0800	9.193	0.3934	0.1199	15	0.07	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.515	0.0900	9.193	0.3934	0.1199	15	0.82	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	9.535	0.0700	9.193	0.3934	0.1199	15	0.87	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.535	0.1500	9.193	0.3934	0.1199	15	0.87	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	9.705	0.1300	9.193	0.3934	0.1199	15	1.30	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.714	0.3312	9.193	0.3934	0.1199	15	1.32	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.480	0.6600	9.193	0.3934	0.1199	15	-1.81	4%	1
002.00	Protein, Crude, Crude (%)	0169	14.39	0.1100				2			0
002.00	Protein, Crude, Crude (%)	2345	16.06	0.6000				2			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2442	15.04	0.0400	15.60	0.2487	0.0808	18	-2.26	2%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	15.29	0.0600	15.60	0.2487	0.0808	18	-1.26	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2195	15.33	0.0575	15.60	0.2487	0.0808	18	-1.09	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0848	15.42	0.0600	15.60	0.2487	0.0808	18	-0.73	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0875	15.47	0.1800	15.60	0.2487	0.0808	18	-0.53	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	15.48	0.0700	15.60	0.2487	0.0808	18	-0.51	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2445	15.49	0.0100	15.60	0.2487	0.0808	18	-0.47	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	15.50	0.0000	15.60	0.2487	0.0808	18	-0.41	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.01	Protein, Crude, Auto Kjel-Foss (%)	0610	15.55	0.0000	15.60	0.2487	0.0808	18	-0.21	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2325	15.65	0.0200	15.60	0.2487	0.0808	18	0.19	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2259	15.71	0.1630	15.60	0.2487	0.0808	18	0.42	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0674	15.71	0.0000	15.60	0.2487	0.0808	18	0.43	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2193	15.73	0.0300	15.60	0.2487	0.0808	18	0.49	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0652	15.75	0.1000	15.60	0.2487	0.0808	18	0.59	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	15.77	0.0000	15.60	0.2487	0.0808	18	0.67	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2434	15.88	0.0000	15.60	0.2487	0.0808	18	1.11	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2397	15.93	0.0200	15.60	0.2487	0.0808	18	1.32	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0685	16.20	0.2400	15.60	0.2487	0.0808	18	2.40	2%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	15.66	0.3850	15.60	0.2487	0.0808	18	0.23	0%	1
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	2394	15.24	0.0200				2			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	15.45	0.0500				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	15.63	0.0500				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	14.24	0.0800	15.48	0.2275	0.1053	17	-5.45	4%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0921	14.97	0.2900	15.48	0.2275	0.1053	17	-2.26	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2097	15.26	0.1140	15.48	0.2275	0.1053	17	-0.95	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	15.33	0.0700	15.48	0.2275	0.1053	17	-0.68	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	15.35	0.1100	15.48	0.2275	0.1053	17	-0.59	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	15.39	0.3000	15.48	0.2275	0.1053	17	-0.40	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	15.43	0.0200	15.48	0.2275	0.1053	17	-0.22	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	15.47	0.0400	15.48	0.2275	0.1053	17	-0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	15.47	0.0200	15.48	0.2275	0.1053	17	-0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	15.50	0.1400	15.48	0.2275	0.1053	17	0.09	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	15.55	0.1000	15.48	0.2275	0.1053	17	0.31	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	15.56	0.1734	15.48	0.2275	0.1053	17	0.33	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	15.65	0.0320	15.48	0.2275	0.1053	17	0.73	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	15.65	0.1000	15.48	0.2275	0.1053	17	0.75	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	15.72	0.0800	15.48	0.2275	0.1053	17	1.05	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	15.77	0.0200	15.48	0.2275	0.1053	17	1.27	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	15.80	0.1000	15.48	0.2275	0.1053	17	1.41	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	15.46	0.6600	15.48	0.2275	0.1053	17	-0.09	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0646	14.91	0.1300	15.76	0.3352	0.1770	102	-2.55	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	15.00	0.2000	15.76	0.3352	0.1770	102	-2.27	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	15.14	0.0500	15.76	0.3352	0.1770	102	-1.87	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	15.16	0.0400	15.76	0.3352	0.1770	102	-1.79	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0038	15.18	0.0600	15.76	0.3352	0.1770	102	-1.73	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	15.21	0.1300	15.76	0.3352	0.1770	102	-1.66	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	15.25	0.3000	15.76	0.3352	0.1770	102	-1.52	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	15.28	0.2800	15.76	0.3352	0.1770	102	-1.43	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	15.29	0.1900	15.76	0.3352	0.1770	102	-1.42	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	15.30	0.0000	15.76	0.3352	0.1770	102	-1.37	1%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0011	15.39	0.0300	15.76	0.3352	0.1770	102	-1.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	15.39	0.3800	15.76	0.3352	0.1770	102	-1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	15.42	0.1800	15.76	0.3352	0.1770	102	-1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	15.44	0.0000	15.76	0.3352	0.1770	102	-0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0208	15.45	0.5000	15.76	0.3352	0.1770	102	-0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	15.45	0.1000	15.76	0.3352	0.1770	102	-0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	15.45	0.0400	15.76	0.3352	0.1770	102	-0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	15.47	0.0150	15.76	0.3352	0.1770	102	-0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	15.47	0.0600	15.76	0.3352	0.1770	102	-0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	15.48	0.2400	15.76	0.3352	0.1770	102	-0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	15.50	0.1250	15.76	0.3352	0.1770	102	-0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	15.50	0.0000	15.76	0.3352	0.1770	102	-0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	15.51	0.3700	15.76	0.3352	0.1770	102	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	15.51	0.0700	15.76	0.3352	0.1770	102	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	15.55	0.1700	15.76	0.3352	0.1770	102	-0.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	15.55	0.1000	15.76	0.3352	0.1770	102	-0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	15.55	0.1000	15.76	0.3352	0.1770	102	-0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	15.55	0.1000	15.76	0.3352	0.1770	102	-0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	15.58	0.0688	15.76	0.3352	0.1770	102	-0.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	15.59	0.5200	15.76	0.3352	0.1770	102	-0.51	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	15.59	0.0200	15.76	0.3352	0.1770	102	-0.51	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	15.60	0.0300	15.76	0.3352	0.1770	102	-0.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	15.60	0.0900	15.76	0.3352	0.1770	102	-0.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	15.60	0.2187	15.76	0.3352	0.1770	102	-0.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	15.61	0.0000	15.76	0.3352	0.1770	102	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	15.64	0.3030	15.76	0.3352	0.1770	102	-0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	15.65	0.1000	15.76	0.3352	0.1770	102	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	15.65	0.1000	15.76	0.3352	0.1770	102	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0039	15.65	0.1000	15.76	0.3352	0.1770	102	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	15.65	0.1000	15.76	0.3352	0.1770	102	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	15.65	0.1000	15.76	0.3352	0.1770	102	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	15.65	0.1000	15.76	0.3352	0.1770	102	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	15.65	0.1800	15.76	0.3352	0.1770	102	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	15.65	0.0150	15.76	0.3352	0.1770	102	-0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	15.67	0.2000	15.76	0.3352	0.1770	102	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	15.67	0.2800	15.76	0.3352	0.1770	102	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	15.70	0.2200	15.76	0.3352	0.1770	102	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2319	15.70	0.2000	15.76	0.3352	0.1770	102	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2389	15.70	0.0000	15.76	0.3352	0.1770	102	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	15.71	0.4800	15.76	0.3352	0.1770	102	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	15.71	0.0640	15.76	0.3352	0.1770	102	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0860	15.74	0.0000	15.76	0.3352	0.1770	102	-0.05	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	15.75	0.0300	15.76	0.3352	0.1770	102	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	15.75	0.5000	15.76	0.3352	0.1770	102	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	15.75	0.0600	15.76	0.3352	0.1770	102	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	15.75	0.5000	15.76	0.3352	0.1770	102	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2246	15.76	0.2200	15.76	0.3352	0.1770	102	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0546	15.77	0.2250	15.76	0.3352	0.1770	102	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	15.82	0.2000	15.76	0.3352	0.1770	102	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	15.83	0.1000	15.76	0.3352	0.1770	102	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	15.84	0.1300	15.76	0.3352	0.1770	102	0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2181	15.85	0.0800	15.76	0.3352	0.1770	102	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	15.86	0.0290	15.76	0.3352	0.1770	102	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	15.87	0.2000	15.76	0.3352	0.1770	102	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	15.89	0.2970	15.76	0.3352	0.1770	102	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	15.91	0.0630	15.76	0.3352	0.1770	102	0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	15.92	0.2700	15.76	0.3352	0.1770	102	0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2302	15.93	0.0600	15.76	0.3352	0.1770	102	0.51	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	15.94	0.4000	15.76	0.3352	0.1770	102	0.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	15.95	0.1880	15.76	0.3352	0.1770	102	0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	15.95	0.1000	15.76	0.3352	0.1770	102	0.57	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	15.96	0.1400	15.76	0.3352	0.1770	102	0.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	15.97	0.1570	15.76	0.3352	0.1770	102	0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	15.98	0.0200	15.76	0.3352	0.1770	102	0.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	15.98	0.0600	15.76	0.3352	0.1770	102	0.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	15.99	0.2300	15.76	0.3352	0.1770	102	0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	16.01	0.2300	15.76	0.3352	0.1770	102	0.73	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	16.01	0.3400	15.76	0.3352	0.1770	102	0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0013	16.02	0.3100	15.76	0.3352	0.1770	102	0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	16.02	0.2300	15.76	0.3352	0.1770	102	0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2375	16.03	0.0700	15.76	0.3352	0.1770	102	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	16.04	0.0200	15.76	0.3352	0.1770	102	0.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	16.05	0.3240	15.76	0.3352	0.1770	102	0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	16.05	0.1000	15.76	0.3352	0.1770	102	0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	16.05	0.1000	15.76	0.3352	0.1770	102	0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	16.07	0.2200	15.76	0.3352	0.1770	102	0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	16.08	0.2600	15.76	0.3352	0.1770	102	0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	16.10	0.2000	15.76	0.3352	0.1770	102	1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	16.13	0.0200	15.76	0.3352	0.1770	102	1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	16.16	0.1900	15.76	0.3352	0.1770	102	1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	1019	16.18	0.6700	15.76	0.3352	0.1770	102	1.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	16.19	0.0000	15.76	0.3352	0.1770	102	1.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	16.22	0.0000	15.76	0.3352	0.1770	102	1.37	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2349	16.30	0.4000	15.76	0.3352	0.1770	102	1.61	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	16.31	0.3700	15.76	0.3352	0.1770	102	1.62	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	16.31	0.0100	15.76	0.3352	0.1770	102	1.62	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	16.32	0.1000	15.76	0.3352	0.1770	102	1.67	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	16.37	0.0100	15.76	0.3352	0.1770	102	1.80	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2326	16.41	0.0600	15.76	0.3352	0.1770	102	1.94	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	16.46	0.2810	15.76	0.3352	0.1770	102	2.08	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	16.51	0.2000	15.76	0.3352	0.1770	102	2.24	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	16.85	0.2100	15.76	0.3352	0.1770	102	3.24	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	16.23	0.8840	15.76	0.3352	0.1770	102	1.40	1%	1
002.08	Protein, Crude, Cu/Ti (%)	0563	15.04	0.0165				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	15.71	0.1000				2			0
002.10	Protein, Crude, Block dig/distillation (%)	0629	15.58	0.0300				1			0
002.11	Protein, Crude, NIR (%)	0889	15.89	0.0400				2			0
002.11	Protein, Crude, NIR (%)	0964	16.05	0.1000				2			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	6.375	0.0500	7.060	0.5527	0.0771	7	-1.24	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	6.645	0.0100	7.060	0.5527	0.0771	7	-0.75	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2442	6.935	0.0900	7.060	0.5527	0.0771	7	-0.23	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	7.055	0.0100	7.060	0.5527	0.0771	7	-0.01	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	7.150	0.1000	7.060	0.5527	0.0771	7	0.16	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	7.395	0.0100	7.060	0.5527	0.0771	7	0.61	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0011	7.865	0.2700	7.060	0.5527	0.0771	7	1.46	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	6.645	0.6500	7.060	0.5527	0.0771	7	-0.75	3%	1
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	6.250	0.5000				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	6.920	0.0600				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0563	7.064	0.0873				3			0
003.06	Fat, Crude, Pet Ether (%)	0918	6.120	0.0600	6.788	0.3976	0.1946	15	-1.68	5%	0
003.06	Fat, Crude, Pet Ether (%)	0169	6.240	0.0600	6.788	0.3976	0.1946	15	-1.38	4%	0
003.06	Fat, Crude, Pet Ether (%)	0629	6.475	0.2700	6.788	0.3976	0.1946	15	-0.79	2%	0
003.06	Fat, Crude, Pet Ether (%)	0939	6.545	0.3700	6.788	0.3976	0.1946	15	-0.61	2%	0
003.06	Fat, Crude, Pet Ether (%)	2181	6.555	0.1700	6.788	0.3976	0.1946	15	-0.59	2%	0
003.06	Fat, Crude, Pet Ether (%)	0229	6.660	0.1800	6.788	0.3976	0.1946	15	-0.32	1%	0
003.06	Fat, Crude, Pet Ether (%)	0968	6.665	0.4500	6.788	0.3976	0.1946	15	-0.31	1%	0
003.06	Fat, Crude, Pet Ether (%)	0294	6.850	0.0000	6.788	0.3976	0.1946	15	0.15	0%	0
003.06	Fat, Crude, Pet Ether (%)	0674	6.850	0.0000	6.788	0.3976	0.1946	15	0.15	0%	0
003.06	Fat, Crude, Pet Ether (%)	0689	7.000	0.2000	6.788	0.3976	0.1946	15	0.53	2%	0
003.06	Fat, Crude, Pet Ether (%)	0884	7.000	0.0000	6.788	0.3976	0.1946	15	0.53	2%	0
003.06	Fat, Crude, Pet Ether (%)	0644	7.095	0.0310	6.788	0.3976	0.1946	15	0.77	2%	0
003.06	Fat, Crude, Pet Ether (%)	0687	7.125	0.2500	6.788	0.3976	0.1946	15	0.85	2%	0
003.06	Fat, Crude, Pet Ether (%)	0425	7.190	0.1000	6.788	0.3976	0.1946	15	1.01	3%	0
003.06	Fat, Crude, Pet Ether (%)	0682	7.450	0.0000	6.788	0.3976	0.1946	15	1.66	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	6.490	0.2400	6.815	0.2470	0.1836	10	-1.32	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	6.545	0.2700	6.815	0.2470	0.1836	10	-1.09	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0722	6.558	0.0994	6.815	0.2470	0.1836	10	-1.04	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	6.755	0.4900	6.815	0.2470	0.1836	10	-0.24	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0512	6.850	0.0730	6.815	0.2470	0.1836	10	0.14	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	6.910	0.3200	6.815	0.2470	0.1836	10	0.38	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	6.932	0.0030	6.815	0.2470	0.1836	10	0.47	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	6.990	0.1000	6.815	0.2470	0.1836	10	0.71	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	7.035	0.1100	6.815	0.2470	0.1836	10	0.89	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	7.091	0.1310	6.815	0.2470	0.1836	10	1.11	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	6.110	0.2200	6.574	0.2127	0.0772	25	-2.18	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2434	6.130	0.0000	6.574	0.2127	0.0772	25	-2.09	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	6.210	0.1200	6.574	0.2127	0.0772	25	-1.71	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	6.350	0.1000	6.574	0.2127	0.0772	25	-1.05	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	6.370	0.2200	6.574	0.2127	0.0772	25	-0.96	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	6.420	0.0800	6.574	0.2127	0.0772	25	-0.73	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	6.470	0.0000	6.574	0.2127	0.0772	25	-0.49	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	6.505	0.0100	6.574	0.2127	0.0772	25	-0.33	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	6.525	0.0300	6.574	0.2127	0.0772	25	-0.23	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	6.541	0.1664	6.574	0.2127	0.0772	25	-0.16	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	6.560	0.1800	6.574	0.2127	0.0772	25	-0.07	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	6.575	0.0210	6.574	0.2127	0.0772	25	0.00	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	6.585	0.0900	6.574	0.2127	0.0772	25	0.05	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2397	6.610	0.0400	6.574	0.2127	0.0772	25	0.17	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	6.614	0.0322	6.574	0.2127	0.0772	25	0.19	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	6.615	0.0120	6.574	0.2127	0.0772	25	0.19	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	6.630	0.0200	6.574	0.2127	0.0772	25	0.26	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	6.660	0.0000	6.574	0.2127	0.0772	25	0.40	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2195	6.680	0.0200	6.574	0.2127	0.0772	25	0.50	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	6.685	0.0500	6.574	0.2127	0.0772	25	0.52	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	6.760	0.0200	6.574	0.2127	0.0772	25	0.87	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	6.800	0.0000	6.574	0.2127	0.0772	25	1.06	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	6.850	0.1000	6.574	0.2127	0.0772	25	1.30	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	7.055	0.0300	6.574	0.2127	0.0772	25	2.26	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0123	7.260	0.0600	6.574	0.2127	0.0772	25	3.22	5%	0
003.11	Fat, Crude, NIR (%)	0889	6.730	0.0400				2			0
003.11	Fat, Crude, NIR (%)	0964	7.550	0.1000				2			0
003.12	Fat, Crude, Hexane Ext (%)	0171	7.000	0.0400				2			0
003.12	Fat, Crude, Hexane Ext (%)	2326	7.085	0.1300				2			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	6.315	0.1300	6.799	0.3811	0.1387	8	-1.27	4%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0208	6.455	0.4500	6.799	0.3811	0.1387	8	-0.90	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	6.560	0.2000	6.799	0.3811	0.1387	8	-0.63	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	6.845	0.0300	6.799	0.3811	0.1387	8	0.12	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	6.865	0.0100	6.799	0.3811	0.1387	8	0.17	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	6.915	0.1700	6.799	0.3811	0.1387	8	0.30	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	7.152	0.0493	6.799	0.3811	0.1387	8	0.93	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	7.285	0.0700	6.799	0.3811	0.1387	8	1.28	4%	0
003.14	Fat, Crude, Ankom (%)	0357	5.280	0.1200	6.851	0.2968	0.1363	46	-5.29	11%	0
003.14	Fat, Crude, Ankom (%)	0144	6.230	0.2000	6.851	0.2968	0.1363	46	-2.09	5%	0
003.14	Fat, Crude, Ankom (%)	0358	6.400	0.1800	6.851	0.2968	0.1363	46	-1.52	3%	0
003.14	Fat, Crude, Ankom (%)	0956	6.400	0.0000	6.851	0.2968	0.1363	46	-1.52	3%	0
003.14	Fat, Crude, Ankom (%)	2375	6.485	0.1700	6.851	0.2968	0.1363	46	-1.23	3%	0
003.14	Fat, Crude, Ankom (%)	0037	6.555	0.0100	6.851	0.2968	0.1363	46	-1.00	2%	0
003.14	Fat, Crude, Ankom (%)	0968	6.580	0.0800	6.851	0.2968	0.1363	46	-0.91	2%	0
003.14	Fat, Crude, Ankom (%)	0019	6.590	0.1200	6.851	0.2968	0.1363	46	-0.88	2%	0
003.14	Fat, Crude, Ankom (%)	0651	6.611	0.1628	6.851	0.2968	0.1363	46	-0.81	2%	0
003.14	Fat, Crude, Ankom (%)	2302	6.615	0.0300	6.851	0.2968	0.1363	46	-0.80	2%	0
003.14	Fat, Crude, Ankom (%)	0083	6.640	0.1000	6.851	0.2968	0.1363	46	-0.71	2%	0
003.14	Fat, Crude, Ankom (%)	0186	6.700	0.0200	6.851	0.2968	0.1363	46	-0.51	1%	0
003.14	Fat, Crude, Ankom (%)	0202	6.710	0.0200	6.851	0.2968	0.1363	46	-0.48	1%	0
003.14	Fat, Crude, Ankom (%)	0407	6.721	0.2926	6.851	0.2968	0.1363	46	-0.44	1%	0
003.14	Fat, Crude, Ankom (%)	0505	6.730	0.1200	6.851	0.2968	0.1363	46	-0.41	1%	0
003.14	Fat, Crude, Ankom (%)	0581	6.735	0.0100	6.851	0.2968	0.1363	46	-0.39	1%	0
003.14	Fat, Crude, Ankom (%)	0682	6.740	0.0000	6.851	0.2968	0.1363	46	-0.37	1%	0
003.14	Fat, Crude, Ankom (%)	0848	6.750	0.2200	6.851	0.2968	0.1363	46	-0.34	1%	0
003.14	Fat, Crude, Ankom (%)	0171	6.780	0.0600	6.851	0.2968	0.1363	46	-0.24	1%	0
003.14	Fat, Crude, Ankom (%)	0860	6.785	0.0000	6.851	0.2968	0.1363	46	-0.22	0%	0
003.14	Fat, Crude, Ankom (%)	0229	6.795	0.0900	6.851	0.2968	0.1363	46	-0.19	0%	0
003.14	Fat, Crude, Ankom (%)	0853	6.800	0.0000	6.851	0.2968	0.1363	46	-0.17	0%	0
003.14	Fat, Crude, Ankom (%)	0066	6.805	0.1100	6.851	0.2968	0.1363	46	-0.16	0%	0
003.14	Fat, Crude, Ankom (%)	2076	6.811	0.0467	6.851	0.2968	0.1363	46	-0.13	0%	0
003.14	Fat, Crude, Ankom (%)	0226	6.840	0.1000	6.851	0.2968	0.1363	46	-0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0035	6.850	0.0200	6.851	0.2968	0.1363	46	0.00	0%	0
003.14	Fat, Crude, Ankom (%)	0598	6.870	0.0200	6.851	0.2968	0.1363	46	0.06	0%	0
003.14	Fat, Crude, Ankom (%)	2445	6.880	0.1200	6.851	0.2968	0.1363	46	0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0009	6.890	0.0800	6.851	0.2968	0.1363	46	0.13	0%	0
003.14	Fat, Crude, Ankom (%)	0675	6.940	0.0200	6.851	0.2968	0.1363	46	0.30	1%	0
003.14	Fat, Crude, Ankom (%)	0298	6.950	0.0200	6.851	0.2968	0.1363	46	0.33	1%	0
003.14	Fat, Crude, Ankom (%)	0948	6.955	0.0100	6.851	0.2968	0.1363	46	0.35	1%	0
003.14	Fat, Crude, Ankom (%)	0004	7.000	0.1400	6.851	0.2968	0.1363	46	0.50	1%	0
003.14	Fat, Crude, Ankom (%)	0001	7.021	0.0600	6.851	0.2968	0.1363	46	0.57	1%	0
003.14	Fat, Crude, Ankom (%)	0511	7.070	0.2000	6.851	0.2968	0.1363	46	0.74	2%	0
003.14	Fat, Crude, Ankom (%)	0148	7.075	0.3300	6.851	0.2968	0.1363	46	0.75	2%	0
003.14	Fat, Crude, Ankom (%)	0529	7.085	0.5100	6.851	0.2968	0.1363	46	0.79	2%	0
003.14	Fat, Crude, Ankom (%)	0619	7.095	0.0700	6.851	0.2968	0.1363	46	0.82	2%	0
003.14	Fat, Crude, Ankom (%)	0510	7.200	0.1200	6.851	0.2968	0.1363	46	1.18	3%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0049	7.205	0.3300	6.851	0.2968	0.1363	46	1.19	3%	0
003.14	Fat, Crude, Ankom (%)	0876	7.225	0.2300	6.851	0.2968	0.1363	46	1.26	3%	0
003.14	Fat, Crude, Ankom (%)	0563	7.258	0.0537	6.851	0.2968	0.1363	46	1.37	3%	0
003.14	Fat, Crude, Ankom (%)	0278	7.300	0.4000	6.851	0.2968	0.1363	46	1.51	3%	0
003.14	Fat, Crude, Ankom (%)	0726	7.305	0.0900	6.851	0.2968	0.1363	46	1.53	3%	0
003.14	Fat, Crude, Ankom (%)	0003	7.365	0.6100	6.851	0.2968	0.1363	46	1.73	4%	0
003.14	Fat, Crude, Ankom (%)	0190	7.565	0.0300	6.851	0.2968	0.1363	46	2.41	5%	0
003.14	Fat, Crude, Ankom (%)	0034	6.375	0.6500	6.851	0.2968	0.1363	46	-1.60	3%	1
003.14	Fat, Crude, Ankom (%)	0843	10.08	0.0600	6.851	0.2968	0.1363	46	10.88	24%	2
003.99	Fat, Crude, Miscellaneous (%)	0536	6.235	0.0100				3			0
003.99	Fat, Crude, Miscellaneous (%)	0546	6.440	0.0600				3			0
003.99	Fat, Crude, Miscellaneous (%)	1019	8.475	0.0500				3			0
004.00	Fiber, Crude, Asbestos Free (%)	0186	8.910	0.0600	10.30	0.8260	0.4859	11	-1.68	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	9.750	0.5000	10.30	0.8260	0.4859	11	-0.67	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	9.855	0.0100	10.30	0.8260	0.4859	11	-0.54	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	9.875	0.0900	10.30	0.8260	0.4859	11	-0.52	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	10.00	0.2000	10.30	0.8260	0.4859	11	-0.36	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	10.00	0.2000	10.30	0.8260	0.4859	11	-0.36	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	10.45	0.3000	10.30	0.8260	0.4859	11	0.18	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	10.65	0.2400	10.30	0.8260	0.4859	11	0.42	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	10.88	1.710	10.30	0.8260	0.4859	11	0.70	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	11.25	0.5000	10.30	0.8260	0.4859	11	1.15	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	12.21	1.535	10.30	0.8260	0.4859	11	2.31	9%	0
004.03	Fiber, Crude, Fritted Glass (%)	2089	9.510	0.1200	10.48	0.8622	0.3525	4			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	10.05	0.5000	10.48	0.8622	0.3525	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	10.96	0.4600	10.48	0.8622	0.3525	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	11.42	0.3300	10.48	0.8622	0.3525	4			0
004.06	Fiber, Crude, Fibertec (%)	0674	9.320	0.0000	9.973	0.4857	0.2250	18	-1.34	3%	0
004.06	Fiber, Crude, Fibertec (%)	2319	9.500	0.0000	9.973	0.4857	0.2250	18	-0.97	2%	0
004.06	Fiber, Crude, Fibertec (%)	0875	9.505	0.6100	9.973	0.4857	0.2250	18	-0.96	2%	0
004.06	Fiber, Crude, Fibertec (%)	2188	9.580	0.0000	9.973	0.4857	0.2250	18	-0.81	2%	0
004.06	Fiber, Crude, Fibertec (%)	0964	9.585	0.2700	9.973	0.4857	0.2250	18	-0.80	2%	0
004.06	Fiber, Crude, Fibertec (%)	0610	9.680	0.0600	9.973	0.4857	0.2250	18	-0.60	1%	0
004.06	Fiber, Crude, Fibertec (%)	2349	9.700	0.0000	9.973	0.4857	0.2250	18	-0.56	1%	0
004.06	Fiber, Crude, Fibertec (%)	0941	9.725	0.2100	9.973	0.4857	0.2250	18	-0.51	1%	0
004.06	Fiber, Crude, Fibertec (%)	0968	9.885	0.1900	9.973	0.4857	0.2250	18	-0.18	0%	0
004.06	Fiber, Crude, Fibertec (%)	0098	9.975	0.0500	9.973	0.4857	0.2250	18	0.00	0%	0
004.06	Fiber, Crude, Fibertec (%)	0689	10.00	0.4000	9.973	0.4857	0.2250	18	0.06	0%	0
004.06	Fiber, Crude, Fibertec (%)	0918	10.25	0.3100	9.973	0.4857	0.2250	18	0.56	1%	0
004.06	Fiber, Crude, Fibertec (%)	2022	10.27	0.0100	9.973	0.4857	0.2250	18	0.60	1%	0
004.06	Fiber, Crude, Fibertec (%)	0948	10.29	0.0900	9.973	0.4857	0.2250	18	0.64	2%	0
004.06	Fiber, Crude, Fibertec (%)	0038	10.41	0.0100	9.973	0.4857	0.2250	18	0.89	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Crude, Fibertec (%)	2006	10.54	0.2600	9.973	0.4857	0.2250	18	1.17	3%	0
004.06	Fiber, Crude, Fibertec (%)	0676	10.62	0.2800	9.973	0.4857	0.2250	18	1.33	3%	0
004.06	Fiber, Crude, Fibertec (%)	0685	11.98	0.4000	9.973	0.4857	0.2250	18	4.13	10%	0
004.07	Fiber, Crude, ANKOM (%)	0202	8.545	0.4700	10.10	0.7819	0.3068	69	-1.99	8%	0
004.07	Fiber, Crude, ANKOM (%)	0028	8.750	0.1000	10.10	0.7819	0.3068	69	-1.73	7%	0
004.07	Fiber, Crude, ANKOM (%)	0407	8.788	0.4299	10.10	0.7819	0.3068	69	-1.68	7%	0
004.07	Fiber, Crude, ANKOM (%)	0144	8.955	0.1100	10.10	0.7819	0.3068	69	-1.47	6%	0
004.07	Fiber, Crude, ANKOM (%)	0644	8.958	0.4810	10.10	0.7819	0.3068	69	-1.47	6%	0
004.07	Fiber, Crude, ANKOM (%)	2259	8.964	0.0860	10.10	0.7819	0.3068	69	-1.46	6%	0
004.07	Fiber, Crude, ANKOM (%)	0510	9.150	0.1000	10.10	0.7819	0.3068	69	-1.22	5%	0
004.07	Fiber, Crude, ANKOM (%)	0098	9.165	0.1900	10.10	0.7819	0.3068	69	-1.20	5%	0
004.07	Fiber, Crude, ANKOM (%)	2445	9.190	0.1200	10.10	0.7819	0.3068	69	-1.17	5%	0
004.07	Fiber, Crude, ANKOM (%)	0505	9.265	0.0900	10.10	0.7819	0.3068	69	-1.07	4%	0
004.07	Fiber, Crude, ANKOM (%)	0675	9.340	0.1000	10.10	0.7819	0.3068	69	-0.98	4%	0
004.07	Fiber, Crude, ANKOM (%)	2190	9.355	0.0100	10.10	0.7819	0.3068	69	-0.96	4%	0
004.07	Fiber, Crude, ANKOM (%)	0278	9.400	0.6000	10.10	0.7819	0.3068	69	-0.90	3%	0
004.07	Fiber, Crude, ANKOM (%)	0619	9.405	0.3900	10.10	0.7819	0.3068	69	-0.89	3%	0
004.07	Fiber, Crude, ANKOM (%)	2188	9.440	0.0000	10.10	0.7819	0.3068	69	-0.85	3%	0
004.07	Fiber, Crude, ANKOM (%)	0860	9.480	0.0000	10.10	0.7819	0.3068	69	-0.80	3%	0
004.07	Fiber, Crude, ANKOM (%)	0190	9.600	0.2000	10.10	0.7819	0.3068	69	-0.64	2%	0
004.07	Fiber, Crude, ANKOM (%)	0708	9.625	0.0500	10.10	0.7819	0.3068	69	-0.61	2%	0
004.07	Fiber, Crude, ANKOM (%)	0511	9.700	0.0000	10.10	0.7819	0.3068	69	-0.52	2%	0
004.07	Fiber, Crude, ANKOM (%)	0512	9.736	0.2060	10.10	0.7819	0.3068	69	-0.47	2%	0
004.07	Fiber, Crude, ANKOM (%)	2144	9.750	0.0600	10.10	0.7819	0.3068	69	-0.45	2%	0
004.07	Fiber, Crude, ANKOM (%)	0004	9.755	0.3300	10.10	0.7819	0.3068	69	-0.45	2%	0
004.07	Fiber, Crude, ANKOM (%)	0100	9.765	0.2100	10.10	0.7819	0.3068	69	-0.43	2%	0
004.07	Fiber, Crude, ANKOM (%)	0693	9.770	0.9200	10.10	0.7819	0.3068	69	-0.43	2%	0
004.07	Fiber, Crude, ANKOM (%)	2434	9.790	0.0000	10.10	0.7819	0.3068	69	-0.40	2%	0
004.07	Fiber, Crude, ANKOM (%)	0083	9.805	0.0700	10.10	0.7819	0.3068	69	-0.38	1%	0
004.07	Fiber, Crude, ANKOM (%)	0870	9.808	0.1170	10.10	0.7819	0.3068	69	-0.38	1%	0
004.07	Fiber, Crude, ANKOM (%)	0035	9.825	0.6100	10.10	0.7819	0.3068	69	-0.36	1%	0
004.07	Fiber, Crude, ANKOM (%)	0726	9.825	0.2300	10.10	0.7819	0.3068	69	-0.36	1%	0
004.07	Fiber, Crude, ANKOM (%)	0563	9.889	0.2096	10.10	0.7819	0.3068	69	-0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	2196	10.05	0.0000	10.10	0.7819	0.3068	69	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0226	10.06	0.1100	10.10	0.7819	0.3068	69	-0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0643	10.07	0.1200	10.10	0.7819	0.3068	69	-0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0956	10.15	0.3000	10.10	0.7819	0.3068	69	0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	2302	10.16	0.0800	10.10	0.7819	0.3068	69	0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0019	10.17	0.0900	10.10	0.7819	0.3068	69	0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0504	10.20	0.3000	10.10	0.7819	0.3068	69	0.12	0%	0
004.07	Fiber, Crude, ANKOM (%)	0066	10.23	0.2800	10.10	0.7819	0.3068	69	0.16	1%	0
004.07	Fiber, Crude, ANKOM (%)	0300	10.25	0.1000	10.10	0.7819	0.3068	69	0.19	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0939	10.25	0.1000	10.10	0.7819	0.3068	69	0.19	1%	0
004.07	Fiber, Crude, ANKOM (%)	0589	10.28	0.4000	10.10	0.7819	0.3068	69	0.23	1%	0
004.07	Fiber, Crude, ANKOM (%)	0876	10.30	0.8900	10.10	0.7819	0.3068	69	0.25	1%	0
004.07	Fiber, Crude, ANKOM (%)	0682	10.30	0.0000	10.10	0.7819	0.3068	69	0.25	1%	0
004.07	Fiber, Crude, ANKOM (%)	0263	10.31	0.0100	10.10	0.7819	0.3068	69	0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	0009	10.36	0.0800	10.10	0.7819	0.3068	69	0.33	1%	0
004.07	Fiber, Crude, ANKOM (%)	0003	10.37	0.8000	10.10	0.7819	0.3068	69	0.34	1%	0
004.07	Fiber, Crude, ANKOM (%)	0229	10.40	1.190	10.10	0.7819	0.3068	69	0.37	1%	0
004.07	Fiber, Crude, ANKOM (%)	2193	10.47	0.2100	10.10	0.7819	0.3068	69	0.46	2%	0
004.07	Fiber, Crude, ANKOM (%)	0948	10.47	0.1800	10.10	0.7819	0.3068	69	0.47	2%	0
004.07	Fiber, Crude, ANKOM (%)	0294	10.50	0.2000	10.10	0.7819	0.3068	69	0.51	2%	0
004.07	Fiber, Crude, ANKOM (%)	0123	10.58	0.0800	10.10	0.7819	0.3068	69	0.61	2%	0
004.07	Fiber, Crude, ANKOM (%)	0536	10.59	0.4900	10.10	0.7819	0.3068	69	0.62	2%	0
004.07	Fiber, Crude, ANKOM (%)	0529	10.61	0.5000	10.10	0.7819	0.3068	69	0.65	3%	0
004.07	Fiber, Crude, ANKOM (%)	2337	10.63	0.1100	10.10	0.7819	0.3068	69	0.67	3%	0
004.07	Fiber, Crude, ANKOM (%)	2345	10.65	0.9000	10.10	0.7819	0.3068	69	0.70	3%	0
004.07	Fiber, Crude, ANKOM (%)	0045	10.75	0.7000	10.10	0.7819	0.3068	69	0.83	3%	0
004.07	Fiber, Crude, ANKOM (%)	0354	10.82	0.0200	10.10	0.7819	0.3068	69	0.92	4%	0
004.07	Fiber, Crude, ANKOM (%)	0646	10.84	0.1500	10.10	0.7819	0.3068	69	0.94	4%	0
004.07	Fiber, Crude, ANKOM (%)	0034	10.90	0.3600	10.10	0.7819	0.3068	69	1.02	4%	0
004.07	Fiber, Crude, ANKOM (%)	2397	10.96	0.1900	10.10	0.7819	0.3068	69	1.09	4%	0
004.07	Fiber, Crude, ANKOM (%)	0598	11.06	0.4800	10.10	0.7819	0.3068	69	1.22	5%	0
004.07	Fiber, Crude, ANKOM (%)	0096	11.18	1.160	10.10	0.7819	0.3068	69	1.38	5%	0
004.07	Fiber, Crude, ANKOM (%)	2195	11.19	0.1800	10.10	0.7819	0.3068	69	1.39	5%	0
004.07	Fiber, Crude, ANKOM (%)	0298	11.20	0.0200	10.10	0.7819	0.3068	69	1.40	5%	0
004.07	Fiber, Crude, ANKOM (%)	0968	11.25	0.5600	10.10	0.7819	0.3068	69	1.47	6%	0
004.07	Fiber, Crude, ANKOM (%)	0848	11.30	0.3500	10.10	0.7819	0.3068	69	1.52	6%	0
004.07	Fiber, Crude, ANKOM (%)	0011	12.25	0.5000	10.10	0.7819	0.3068	69	2.75	11%	0
004.07	Fiber, Crude, ANKOM (%)	0626	12.33	0.5462	10.10	0.7819	0.3068	69	2.85	11%	0
004.07	Fiber, Crude, ANKOM (%)	0581	15.35	0.1000	10.10	0.7819	0.3068	69	6.71	26%	0
004.11	Fiber, Crude, NIR (%)	0889	9.760	0.0200				2			0
004.11	Fiber, Crude, NIR (%)	0964	11.30	0.0000				2			0
004.99	Fiber, Crude, Miscellaneous (%)	2144	9.545	0.0700				2			0
004.99	Fiber, Crude, Miscellaneous (%)	0629	10.00	0.2000				2			0
005.00	Ash, 2h @ 600°C (%)	2184	8.015	0.2300	8.982	0.2272	0.0909	81	-4.26	5%	0
005.00	Ash, 2h @ 600°C (%)	0278	8.600	0.0200	8.982	0.2272	0.0909	81	-1.68	2%	0
005.00	Ash, 2h @ 600°C (%)	0650	8.610	0.1400	8.982	0.2272	0.0909	81	-1.64	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	8.640	0.0000	8.982	0.2272	0.0909	81	-1.50	2%	0
005.00	Ash, 2h @ 600°C (%)	2434	8.650	0.0400	8.982	0.2272	0.0909	81	-1.46	2%	0
005.00	Ash, 2h @ 600°C (%)	0646	8.655	0.0300	8.982	0.2272	0.0909	81	-1.44	2%	0
005.00	Ash, 2h @ 600°C (%)	0651	8.670	0.0066	8.982	0.2272	0.0909	81	-1.38	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	8.700	0.0400	8.982	0.2272	0.0909	81	-1.24	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0853	8.700	0.2000	8.982	0.2272	0.0909	81	-1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	0685	8.720	0.0800	8.982	0.2272	0.0909	81	-1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	8.725	0.0100	8.982	0.2272	0.0909	81	-1.13	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	8.735	0.1300	8.982	0.2272	0.0909	81	-1.09	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	8.735	0.2700	8.982	0.2272	0.0909	81	-1.09	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	8.750	0.1260	8.982	0.2272	0.0909	81	-1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	8.763	0.1310	8.982	0.2272	0.0909	81	-0.97	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	8.765	0.1500	8.982	0.2272	0.0909	81	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	8.780	0.1600	8.982	0.2272	0.0909	81	-0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	8.805	0.0300	8.982	0.2272	0.0909	81	-0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	2268	8.805	0.1900	8.982	0.2272	0.0909	81	-0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	8.820	0.0800	8.982	0.2272	0.0909	81	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	8.820	0.0200	8.982	0.2272	0.0909	81	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0512	8.831	0.1260	8.982	0.2272	0.0909	81	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.850	0.1000	8.982	0.2272	0.0909	81	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	8.865	0.0100	8.982	0.2272	0.0909	81	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	8.870	0.1000	8.982	0.2272	0.0909	81	-0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	8.870	0.0400	8.982	0.2272	0.0909	81	-0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	8.875	0.0500	8.982	0.2272	0.0909	81	-0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	8.880	0.1000	8.982	0.2272	0.0909	81	-0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	8.885	0.0100	8.982	0.2272	0.0909	81	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0038	8.890	0.1400	8.982	0.2272	0.0909	81	-0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	8.900	0.0000	8.982	0.2272	0.0909	81	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	2397	8.905	0.0100	8.982	0.2272	0.0909	81	-0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	2349	8.910	0.1000	8.982	0.2272	0.0909	81	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	2445	8.910	0.0400	8.982	0.2272	0.0909	81	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	8.925	0.0008	8.982	0.2272	0.0909	81	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	8.940	0.0800	8.982	0.2272	0.0909	81	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2195	8.945	0.0100	8.982	0.2272	0.0909	81	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0722	8.969	0.2419	8.982	0.2272	0.0909	81	-0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	8.986	0.1090	8.982	0.2272	0.0909	81	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	8.990	0.0000	8.982	0.2272	0.0909	81	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	9.000	0.0400	8.982	0.2272	0.0909	81	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0226	9.010	0.2200	8.982	0.2272	0.0909	81	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	9.025	0.0500	8.982	0.2272	0.0909	81	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	9.035	0.0100	8.982	0.2272	0.0909	81	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	9.050	0.1200	8.982	0.2272	0.0909	81	0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0529	9.050	0.0000	8.982	0.2272	0.0909	81	0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	9.050	0.0000	8.982	0.2272	0.0909	81	0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	9.050	0.0000	8.982	0.2272	0.0909	81	0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	9.055	0.2100	8.982	0.2272	0.0909	81	0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0345	9.065	0.0500	8.982	0.2272	0.0909	81	0.37	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0353	9.070	0.0600	8.982	0.2272	0.0909	81	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	2193	9.080	0.1000	8.982	0.2272	0.0909	81	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	9.087	0.0120	8.982	0.2272	0.0909	81	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	2259	9.089	0.0020	8.982	0.2272	0.0909	81	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0017	9.100	0.0000	8.982	0.2272	0.0909	81	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	9.105	0.0700	8.982	0.2272	0.0909	81	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	2337	9.115	0.0300	8.982	0.2272	0.0909	81	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	9.115	0.1058	8.982	0.2272	0.0909	81	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	9.116	0.1846	8.982	0.2272	0.0909	81	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	9.120	0.0000	8.982	0.2272	0.0909	81	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	9.125	0.0500	8.982	0.2272	0.0909	81	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	9.130	0.0000	8.982	0.2272	0.0909	81	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	9.140	0.0400	8.982	0.2272	0.0909	81	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	9.140	0.1400	8.982	0.2272	0.0909	81	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	9.170	0.0600	8.982	0.2272	0.0909	81	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	2097	9.174	0.0708	8.982	0.2272	0.0909	81	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	2076	9.176	0.0179	8.982	0.2272	0.0909	81	0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	9.190	0.1000	8.982	0.2272	0.0909	81	0.92	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	9.200	0.2000	8.982	0.2272	0.0909	81	0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	9.200	0.0800	8.982	0.2272	0.0909	81	0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	9.205	0.4100	8.982	0.2272	0.0909	81	0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	9.205	0.0100	8.982	0.2272	0.0909	81	0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	9.210	0.0000	8.982	0.2272	0.0909	81	1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	9.265	0.0100	8.982	0.2272	0.0909	81	1.25	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	9.355	0.0300	8.982	0.2272	0.0909	81	1.64	2%	0
005.00	Ash, 2h @ 600°C (%)	2326	9.360	0.1400	8.982	0.2272	0.0909	81	1.66	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	9.369	0.0900	8.982	0.2272	0.0909	81	1.70	2%	0
005.00	Ash, 2h @ 600°C (%)	2394	9.370	0.0000	8.982	0.2272	0.0909	81	1.71	2%	0
005.00	Ash, 2h @ 600°C (%)	0674	9.400	0.0000	8.982	0.2272	0.0909	81	1.84	2%	0
005.00	Ash, 2h @ 600°C (%)	1019	9.505	0.1700	8.982	0.2272	0.0909	81	2.30	3%	0
005.00	Ash, 2h @ 600°C (%)	2246	10.21	0.0400	8.982	0.2272	0.0909	81	5.41	7%	0
005.00	Ash, 2h @ 600°C (%)	2442	11.68	0.8100	8.982	0.2272	0.0909	81	11.85	15%	2
005.02	Ash, LECO (%)	0644	9.382	0.0270				1			0
005.03	Ash, Microwave furnace (%)	0511	8.450	0.1000				1			0
005.05	Ash, 3h @ 550°C (%)	0003	8.775	0.0100	9.216	0.1899	0.1537	21	-2.32	2%	0
005.05	Ash, 3h @ 550°C (%)	0066	8.795	0.0700	9.216	0.1899	0.1537	21	-2.22	2%	0
005.05	Ash, 3h @ 550°C (%)	2345	9.015	0.4700	9.216	0.1899	0.1537	21	-1.06	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	9.081	0.0020	9.216	0.1899	0.1537	21	-0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	0726	9.085	0.1100	9.216	0.1899	0.1537	21	-0.69	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	9.110	0.0520	9.216	0.1899	0.1537	21	-0.56	1%	0
005.05	Ash, 3h @ 550°C (%)	0643	9.145	0.0100	9.216	0.1899	0.1537	21	-0.37	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	9.160	0.2400	9.216	0.1899	0.1537	21	-0.29	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.05	Ash, 3h @ 550°C (%)	0590	9.165	0.0700	9.216	0.1899	0.1537	21	-0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	2144	9.185	0.0300	9.216	0.1899	0.1537	21	-0.16	0%	0
005.05	Ash, 3h @ 550°C (%)	2190	9.205	0.6700	9.216	0.1899	0.1537	21	-0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	9.205	0.1100	9.216	0.1899	0.1537	21	-0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	2192	9.205	0.0100	9.216	0.1899	0.1537	21	-0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	9.219	0.1060	9.216	0.1899	0.1537	21	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	9.320	0.1800	9.216	0.1899	0.1537	21	0.55	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	9.355	0.0300	9.216	0.1899	0.1537	21	0.73	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	9.400	0.0000	9.216	0.1899	0.1537	21	0.97	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	9.400	0.0000	9.216	0.1899	0.1537	21	0.97	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	9.415	0.1100	9.216	0.1899	0.1537	21	1.05	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	10.16	0.0500	9.216	0.1899	0.1537	21	4.95	5%	0
005.05	Ash, 3h @ 550°C (%)	2442	12.09	0.5900	9.216	0.1899	0.1537	21	15.11	16%	0
005.11	Ash, NIR (%)	0889	8.610	0.1800				2			0
005.11	Ash, NIR (%)	2389	10.01	0.5900				2			0
005.99	Ash, Miscellaneous (%)	0019	8.550	0.1000	9.085	0.3161	0.1040	10	-1.69	3%	0
005.99	Ash, Miscellaneous (%)	0644	8.746	0.0060	9.085	0.3161	0.1040	10	-1.07	2%	0
005.99	Ash, Miscellaneous (%)	0536	8.750	0.0200	9.085	0.3161	0.1040	10	-1.06	2%	0
005.99	Ash, Miscellaneous (%)	0546	9.055	0.1500	9.085	0.3161	0.1040	10	-0.10	0%	0
005.99	Ash, Miscellaneous (%)	0202	9.215	0.0700	9.085	0.3161	0.1040	10	0.41	1%	0
005.99	Ash, Miscellaneous (%)	0652	9.250	0.3000	9.085	0.3161	0.1040	10	0.52	1%	0
005.99	Ash, Miscellaneous (%)	0884	9.250	0.1000	9.085	0.3161	0.1040	10	0.52	1%	0
005.99	Ash, Miscellaneous (%)	0676	9.285	0.0900	9.085	0.3161	0.1040	10	0.63	1%	0
005.99	Ash, Miscellaneous (%)	0629	9.340	0.0000	9.085	0.3161	0.1040	10	0.81	1%	0
005.99	Ash, Miscellaneous (%)	2319	9.350	0.1000	9.085	0.3161	0.1040	10	0.84	1%	0
006.00	Total Sugars, As sucrose (%)	0407	6.120	0.2400				1			0
006.99	Total Sugars, Miscellaneous (%)	0226	4.525	0.0700				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	6.000	0.2000				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	12.08	0.8700	13.33	0.7855	0.2793	13	-1.59	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	12.51	0.0000	13.33	0.7855	0.2793	13	-1.04	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	12.73	0.2400	13.33	0.7855	0.2793	13	-0.76	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	12.85	0.5000	13.33	0.7855	0.2793	13	-0.61	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	13.09	0.2300	13.33	0.7855	0.2793	13	-0.31	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	13.20	0.1200	13.33	0.7855	0.2793	13	-0.16	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	13.35	0.1000	13.33	0.7855	0.2793	13	0.03	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	13.42	0.3600	13.33	0.7855	0.2793	13	0.12	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	13.44	0.1200	13.33	0.7855	0.2793	13	0.14	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0875	13.66	0.0600	13.33	0.7855	0.2793	13	0.42	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	13.99	0.4100	13.33	0.7855	0.2793	13	0.84	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	14.37	0.2020	13.33	0.7855	0.2793	13	1.33	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2326	17.64	0.1400	13.33	0.7855	0.2793	13	5.49	16%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	15.85	4.040	13.33	0.7855	0.2793	13	3.21	9%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	11.77	2.231	13.25	0.7486	0.3656	42	-1.98	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	11.85	0.1900	13.25	0.7486	0.3656	42	-1.88	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2345	12.01	0.3500	13.25	0.7486	0.3656	42	-1.67	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	12.27	0.0700	13.25	0.7486	0.3656	42	-1.32	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	12.32	0.1000	13.25	0.7486	0.3656	42	-1.25	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	12.50	0.1600	13.25	0.7486	0.3656	42	-1.01	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2445	12.56	0.0000	13.25	0.7486	0.3656	42	-0.93	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	12.62	0.0900	13.25	0.7486	0.3656	42	-0.85	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	12.70	0.2000	13.25	0.7486	0.3656	42	-0.74	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	12.75	0.3000	13.25	0.7486	0.3656	42	-0.67	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2375	12.88	0.2600	13.25	0.7486	0.3656	42	-0.50	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	12.89	0.3200	13.25	0.7486	0.3656	42	-0.49	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	12.90	0.2124	13.25	0.7486	0.3656	42	-0.47	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	12.91	0.1400	13.25	0.7486	0.3656	42	-0.46	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	12.98	0.6700	13.25	0.7486	0.3656	42	-0.37	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	12.98	0.3800	13.25	0.7486	0.3656	42	-0.37	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	12.98	0.1200	13.25	0.7486	0.3656	42	-0.37	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	13.00	0.3100	13.25	0.7486	0.3656	42	-0.34	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	13.07	0.6700	13.25	0.7486	0.3656	42	-0.25	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	13.13	0.4500	13.25	0.7486	0.3656	42	-0.17	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	13.15	0.3000	13.25	0.7486	0.3656	42	-0.14	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	13.20	0.2200	13.25	0.7486	0.3656	42	-0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	13.23	0.1800	13.25	0.7486	0.3656	42	-0.03	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	13.33	0.0000	13.25	0.7486	0.3656	42	0.10	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	13.35	1.300	13.25	0.7486	0.3656	42	0.13	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	13.46	0.7400	13.25	0.7486	0.3656	42	0.27	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	13.57	0.1900	13.25	0.7486	0.3656	42	0.41	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	13.58	0.9640	13.25	0.7486	0.3656	42	0.43	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	13.59	0.0100	13.25	0.7486	0.3656	42	0.44	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	13.62	0.2900	13.25	0.7486	0.3656	42	0.48	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	13.65	0.3000	13.25	0.7486	0.3656	42	0.53	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	13.78	0.1150	13.25	0.7486	0.3656	42	0.70	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	13.79	0.3100	13.25	0.7486	0.3656	42	0.71	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	13.80	0.0800	13.25	0.7486	0.3656	42	0.73	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	13.85	0.1000	13.25	0.7486	0.3656	42	0.79	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2195	14.10	0.3000	13.25	0.7486	0.3656	42	1.13	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	14.10	0.6000	13.25	0.7486	0.3656	42	1.13	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	14.25	0.1000	13.25	0.7486	0.3656	42	1.33	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	14.40	0.7700	13.25	0.7486	0.3656	42	1.52	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	15.23	0.2200	13.25	0.7486	0.3656	42	2.64	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	15.63	0.1200	13.25	0.7486	0.3656	42	3.17	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	16.59	0.1900	13.25	0.7486	0.3656	42	4.45	13%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	14.87	3.800	13.25	0.7486	0.3656	42	2.16	6%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0964	12.60	0.2000	12.90	0.3131	0.3967	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	12.72	0.1900	12.90	0.3131	0.3967	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0629	13.00	0.8000	12.90	0.3131	0.3967	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	13.30	0.0000	12.90	0.3131	0.3967	4			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	29.68	1.080	31.53	1.435	0.6179	12	-1.29	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	30.10	0.2000	31.53	1.435	0.6179	12	-0.99	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	30.57	0.2900	31.53	1.435	0.6179	12	-0.67	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	30.79	2.010	31.53	1.435	0.6179	12	-0.52	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	31.10	0.2000	31.53	1.435	0.6179	12	-0.30	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	31.30	0.6000	31.53	1.435	0.6179	12	-0.16	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0674	31.44	0.0000	31.53	1.435	0.6179	12	-0.06	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0964	31.48	0.1190	31.53	1.435	0.6179	12	-0.03	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	31.90	0.0000	31.53	1.435	0.6179	12	0.26	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	32.70	0.3400	31.53	1.435	0.6179	12	0.82	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0875	33.60	0.5400	31.53	1.435	0.6179	12	1.44	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	39.45	0.8000	31.53	1.435	0.6179	12	5.52	13%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	20.55	33.19	31.53	1.435	0.6179	12	-7.65	17%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	27.75	0.0837	30.57	1.011	0.2350	41	-2.79	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	29.46	0.2100	30.57	1.011	0.2350	41	-1.10	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	29.48	0.1300	30.57	1.011	0.2350	41	-1.08	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	29.52	0.1400	30.57	1.011	0.2350	41	-1.04	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0035	29.67	0.1600	30.57	1.011	0.2350	41	-0.89	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	29.74	0.0637	30.57	1.011	0.2350	41	-0.82	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	29.78	0.7000	30.57	1.011	0.2350	41	-0.78	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0504	29.81	0.1000	30.57	1.011	0.2350	41	-0.75	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	29.89	0.1000	30.57	1.011	0.2350	41	-0.67	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	29.93	0.1450	30.57	1.011	0.2350	41	-0.63	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2302	29.94	0.0800	30.57	1.011	0.2350	41	-0.62	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2190	29.97	0.2000	30.57	1.011	0.2350	41	-0.59	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	30.01	0.0400	30.57	1.011	0.2350	41	-0.55	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	30.02	0.0000	30.57	1.011	0.2350	41	-0.54	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	30.05	0.0100	30.57	1.011	0.2350	41	-0.52	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2345	30.09	0.6300	30.57	1.011	0.2350	41	-0.48	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	30.11	0.0200	30.57	1.011	0.2350	41	-0.46	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2375	30.11	0.0800	30.57	1.011	0.2350	41	-0.46	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	30.16	0.6120	30.57	1.011	0.2350	41	-0.40	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	30.25	0.1000	30.57	1.011	0.2350	41	-0.32	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	30.30	0.4000	30.57	1.011	0.2350	41	-0.27	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	30.32	0.0300	30.57	1.011	0.2350	41	-0.25	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	30.35	0.5000	30.57	1.011	0.2350	41	-0.22	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	30.45	0.6300	30.57	1.011	0.2350	41	-0.12	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	30.52	0.0300	30.57	1.011	0.2350	41	-0.05	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	30.68	0.1100	30.57	1.011	0.2350	41	0.10	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	30.71	0.3900	30.57	1.011	0.2350	41	0.13	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	30.75	0.1000	30.57	1.011	0.2350	41	0.18	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	30.93	0.3300	30.57	1.011	0.2350	41	0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	31.05	0.0500	30.57	1.011	0.2350	41	0.47	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	31.17	0.4500	30.57	1.011	0.2350	41	0.59	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2445	31.31	0.0400	30.57	1.011	0.2350	41	0.73	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0646	31.63	0.1600	30.57	1.011	0.2350	41	1.05	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	31.64	0.3300	30.57	1.011	0.2350	41	1.05	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	32.07	0.0500	30.57	1.011	0.2350	41	1.48	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	32.10	0.0000	30.57	1.011	0.2350	41	1.51	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2195	32.38	0.4100	30.57	1.011	0.2350	41	1.78	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	32.53	0.2400	30.57	1.011	0.2350	41	1.94	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	33.88	0.5900	30.57	1.011	0.2350	41	3.27	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2326	34.09	0.3600	30.57	1.011	0.2350	41	3.48	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	34.60	0.3600	30.57	1.011	0.2350	41	3.98	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	31.70	1.400	30.57	1.011	0.2350	41	1.12	2%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	27.61	0.0500	31.30	2.827	0.2625	4			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0629	30.90	0.2000	31.30	2.827	0.2625	4			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	32.38	0.4000	31.30	2.827	0.2625	4			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0964	34.30	0.4000	31.30	2.827	0.2625	4			0
010.03	Moisture, Karl-Fischer (%)	0164	9.640	0.0200				2			0
010.03	Moisture, Karl-Fischer (%)	0843	10.13	0.2500				2			0
010.11	Moisture, NIR (%)	0964	8.700	0.4000				2			0
010.11	Moisture, NIR (%)	0889	9.070	0.0400				2			0
010.99	Moisture, Miscellaneous (%)	0019	8.360	0.5800	9.340	0.3208	0.1783	15	-3.06	5%	0
010.99	Moisture, Miscellaneous (%)	0546	8.625	0.0100	9.340	0.3208	0.1783	15	-2.23	4%	0
010.99	Moisture, Miscellaneous (%)	0651	9.001	0.0051	9.340	0.3208	0.1783	15	-1.06	2%	0
010.99	Moisture, Miscellaneous (%)	0939	9.120	0.0000	9.340	0.3208	0.1783	15	-0.69	1%	0
010.99	Moisture, Miscellaneous (%)	0948	9.175	0.0500	9.340	0.3208	0.1783	15	-0.52	1%	0
010.99	Moisture, Miscellaneous (%)	0722	9.328	0.0530	9.340	0.3208	0.1783	15	-0.04	0%	0
010.99	Moisture, Miscellaneous (%)	0875	9.340	0.0200	9.340	0.3208	0.1783	15	0.00	0%	0
010.99	Moisture, Miscellaneous (%)	2375	9.410	0.0200	9.340	0.3208	0.1783	15	0.22	0%	0
010.99	Moisture, Miscellaneous (%)	0726	9.470	0.6800	9.340	0.3208	0.1783	15	0.40	1%	0
010.99	Moisture, Miscellaneous (%)	0652	9.500	0.2000	9.340	0.3208	0.1783	15	0.50	1%	0
010.99	Moisture, Miscellaneous (%)	2150	9.525	0.0500	9.340	0.3208	0.1783	15	0.58	1%	0
010.99	Moisture, Miscellaneous (%)	2076	9.540	0.1200	9.340	0.3208	0.1783	15	0.62	1%	0
010.99	Moisture, Miscellaneous (%)	2089	9.555	0.1300	9.340	0.3208	0.1783	15	0.67	1%	0
010.99	Moisture, Miscellaneous (%)	0884	9.600	0.4000	9.340	0.3208	0.1783	15	0.81	1%	0
010.99	Moisture, Miscellaneous (%)	0190	10.14	0.0000	9.340	0.3208	0.1783	15	2.49	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	9.315	0.0900	10.27	0.3989	0.1147	56	-2.40	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	9.470	0.2000	10.27	0.3989	0.1147	56	-2.01	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	9.580	0.4000	10.27	0.3989	0.1147	56	-1.74	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	9.651	0.0300	10.27	0.3989	0.1147	56	-1.56	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	9.665	0.0100	10.27	0.3989	0.1147	56	-1.53	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	9.700	0.2000	10.27	0.3989	0.1147	56	-1.44	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	9.724	0.0047	10.27	0.3989	0.1147	56	-1.38	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	9.820	0.1280	10.27	0.3989	0.1147	56	-1.14	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	9.840	0.0800	10.27	0.3989	0.1147	56	-1.09	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	9.860	0.0000	10.27	0.3989	0.1147	56	-1.04	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	9.875	0.1100	10.27	0.3989	0.1147	56	-1.00	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0208	9.920	0.0000	10.27	0.3989	0.1147	56	-0.89	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	9.940	0.0400	10.27	0.3989	0.1147	56	-0.84	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	10.04	0.1200	10.27	0.3989	0.1147	56	-0.59	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	10.07	0.0100	10.27	0.3989	0.1147	56	-0.52	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	10.07	0.0030	10.27	0.3989	0.1147	56	-0.51	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0298	10.09	0.0200	10.27	0.3989	0.1147	56	-0.46	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	10.09	0.0000	10.27	0.3989	0.1147	56	-0.46	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2434	10.13	0.0000	10.27	0.3989	0.1147	56	-0.36	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0646	10.15	0.0800	10.27	0.3989	0.1147	56	-0.31	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	10.17	0.0700	10.27	0.3989	0.1147	56	-0.27	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	10.17	0.2200	10.27	0.3989	0.1147	56	-0.26	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0425	10.20	0.0600	10.27	0.3989	0.1147	56	-0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	10.22	0.0300	10.27	0.3989	0.1147	56	-0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	10.25	0.1200	10.27	0.3989	0.1147	56	-0.06	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	10.25	0.0400	10.27	0.3989	0.1147	56	-0.06	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	10.28	0.0600	10.27	0.3989	0.1147	56	0.02	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	10.30	0.3700	10.27	0.3989	0.1147	56	0.05	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	10.34	0.2100	10.27	0.3989	0.1147	56	0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	10.35	0.3000	10.27	0.3989	0.1147	56	0.19	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	10.36	0.1600	10.27	0.3989	0.1147	56	0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	10.37	0.0000	10.27	0.3989	0.1147	56	0.24	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0722	10.38	0.0180	10.27	0.3989	0.1147	56	0.27	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	10.40	0.0100	10.27	0.3989	0.1147	56	0.30	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	10.42	0.0437	10.27	0.3989	0.1147	56	0.36	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	10.43	0.0200	10.27	0.3989	0.1147	56	0.39	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	10.45	0.0700	10.27	0.3989	0.1147	56	0.43	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	10.46	0.0500	10.27	0.3989	0.1147	56	0.45	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	10.47	0.1300	10.27	0.3989	0.1147	56	0.48	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	10.50	0.0400	10.27	0.3989	0.1147	56	0.57	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	10.54	0.0600	10.27	0.3989	0.1147	56	0.67	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	10.55	0.1000	10.27	0.3989	0.1147	56	0.69	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	10.57	0.2400	10.27	0.3989	0.1147	56	0.74	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	10.57	0.2499	10.27	0.3989	0.1147	56	0.75	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	10.57	0.0615	10.27	0.3989	0.1147	56	0.75	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	10.58	0.0900	10.27	0.3989	0.1147	56	0.76	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	10.64	0.0700	10.27	0.3989	0.1147	56	0.91	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	10.64	0.0000	10.27	0.3989	0.1147	56	0.92	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	10.66	0.0400	10.27	0.3989	0.1147	56	0.97	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2397	10.66	0.0800	10.27	0.3989	0.1147	56	0.97	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	10.70	0.1100	10.27	0.3989	0.1147	56	1.06	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	10.80	0.4000	10.27	0.3989	0.1147	56	1.32	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	10.83	0.1900	10.27	0.3989	0.1147	56	1.38	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	10.90	0.2600	10.27	0.3989	0.1147	56	1.57	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	10.99	0.1700	10.27	0.3989	0.1147	56	1.78	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2097	11.16	0.0660	10.27	0.3989	0.1147	56	2.22	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	10.58	0.6200	10.27	0.3989	0.1147	56	0.77	1%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	10.63	0.6000	10.27	0.3989	0.1147	56	0.89	2%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	10.07	0.4700				2			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	10.30	0.3500				2			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2303	9.866	0.2980				3			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2168	9.970	0.2400				3			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2174	10.11	0.0700				3			0
012.00	Starch, Polarimetric (Ewers) (%)	2195	14.07	0.0000	15.64	0.7004	0.2187	11	-2.25	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	14.99	0.0270	15.64	0.7004	0.2187	11	-0.94	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	15.16	0.1100	15.64	0.7004	0.2187	11	-0.70	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	15.16	0.1800	15.64	0.7004	0.2187	11	-0.69	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	15.30	0.0100	15.64	0.7004	0.2187	11	-0.50	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	15.90	0.4000	15.64	0.7004	0.2187	11	0.37	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	16.06	0.1700	15.64	0.7004	0.2187	11	0.59	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	16.13	0.0900	15.64	0.7004	0.2187	11	0.69	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	16.15	0.3000	15.64	0.7004	0.2187	11	0.72	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	16.20	0.8000	15.64	0.7004	0.2187	11	0.80	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	16.45	0.1000	15.64	0.7004	0.2187	11	1.15	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	13.00	0.4000	14.12	0.9567	0.7654	11	-1.17	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2022	13.40	0.1400	14.12	0.9567	0.7654	11	-0.75	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	13.45	0.9000	14.12	0.9567	0.7654	11	-0.70	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0407	13.58	0.3560	14.12	0.9567	0.7654	11	-0.56	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	13.70	0.2000	14.12	0.9567	0.7654	11	-0.44	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	13.98	0.0700	14.12	0.9567	0.7654	11	-0.15	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	14.02	0.2997	14.12	0.9567	0.7654	11	-0.10	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	14.53	0.7300	14.12	0.9567	0.7654	11	0.43	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	14.55	2.990	14.12	0.9567	0.7654	11	0.45	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	15.54	2.224	14.12	0.9567	0.7654	11	1.48	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	16.29	0.1100	14.12	0.9567	0.7654	11	2.27	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	15.55	0.0427				1			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	13.26	0.3800	14.18	1.070	0.1775	6	-0.86	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0226	13.42	0.1300	14.18	1.070	0.1775	6	-0.71	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	13.75	0.1000	14.18	1.070	0.1775	6	-0.40	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	14.15	0.1000	14.18	1.070	0.1775	6	-0.02	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0098	14.70	0.0000	14.18	1.070	0.1775	6	0.49	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0674	20.13	0.0000	14.18	1.070	0.1775	6	5.57	21%	0
012.11	Starch, NIR (%)	0889	16.03	0.0800				1			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	14.08	0.0900				1			0
012.99	Starch, Miscellaneous (%)	2246	12.16	0.0000				2			0
012.99	Starch, Miscellaneous (%)	2319	16.55	0.1000				2			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0229	6.435	0.0100	7.767	0.8762	0.2056	12	-1.52	9%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0941	7.145	0.2300	7.767	0.8762	0.2056	12	-0.71	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	7.250	0.3000	7.767	0.8762	0.2056	12	-0.59	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2345	7.395	0.2900	7.767	0.8762	0.2056	12	-0.42	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	7.430	0.0200	7.767	0.8762	0.2056	12	-0.38	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	7.510	0.4600	7.767	0.8762	0.2056	12	-0.29	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	7.700	0.0000	7.767	0.8762	0.2056	12	-0.08	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	7.768	0.5117	7.767	0.8762	0.2056	12	0.00	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0884	8.050	0.1000	7.767	0.8762	0.2056	12	0.32	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0948	8.340	0.0600	7.767	0.8762	0.2056	12	0.65	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	9.210	0.0200	7.767	0.8762	0.2056	12	1.65	9%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	9.490	0.2600	7.767	0.8762	0.2056	12	1.97	11%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0038	6.975	0.3500	8.446	0.3516	0.2425	15	-4.18	9%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0208	8.015	0.0900	8.446	0.3516	0.2425	15	-1.23	3%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	2259	8.034	0.1280	8.446	0.3516	0.2425	15	-1.17	2%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0643	8.281	0.2570	8.446	0.3516	0.2425	15	-0.47	1%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0870	8.333	0.0996	8.446	0.3516	0.2425	15	-0.32	1%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0098	8.390	0.1200	8.446	0.3516	0.2425	15	-0.16	0%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0921	8.436	0.2590	8.446	0.3516	0.2425	15	-0.03	0%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0853	8.450	0.1000	8.446	0.3516	0.2425	15	0.01	0%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0148	8.505	0.7900	8.446	0.3516	0.2425	15	0.17	0%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0682	8.510	0.0000	8.446	0.3516	0.2425	15	0.18	0%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0171	8.585	0.0300	8.446	0.3516	0.2425	15	0.39	1%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0100	8.590	0.5400	8.446	0.3516	0.2425	15	0.41	1%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0164	8.700	0.0200	8.446	0.3516	0.2425	15	0.72	2%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0407	8.985	0.3690	8.446	0.3516	0.2425	15	1.53	3%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis (%)	0010	9.100	0.0000	8.446	0.3516	0.2425	15	1.86	4%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0939	7.095	0.0900	7.655	0.4965	0.2076	7	-1.13	4%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2188	7.140	0.0000	7.655	0.4965	0.2076	7	-1.04	3%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	7.654	0.0982	7.655	0.4965	0.2076	7	0.00	0%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2268	7.685	0.1700	7.655	0.4965	0.2076	7	0.06	0%	0



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013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0610	7.770	0.1200	7.655	0.4965	0.2076	7	0.23	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	7.870	0.0000	7.655	0.4965	0.2076	7	0.43	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0353	8.370	0.5600	7.655	0.4965	0.2076	7	1.44	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0675	7.725	0.2100	8.267	0.6272	0.1050	6	-0.86	3%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0581	7.890	0.0600	8.267	0.6272	0.1050	6	-0.60	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0354	7.905	0.0100	8.267	0.6272	0.1050	6	-0.58	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0027	8.340	0.2600	8.267	0.6272	0.1050	6	0.12	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0968	8.535	0.0300	8.267	0.6272	0.1050	6	0.43	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	16.22	0.0600	8.267	0.6272	0.1050	6	12.68	48%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	8.724	1.003	8.267	0.6272	0.1050	6	0.73	3%	1
015.41	Aluminum, ICP, Dry ash (ppm)	0049	148.8	4.940	236.9	60.96	8.789	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	248.7	16.40	236.9	60.96	8.789	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	261.9	5.026	236.9	60.96	8.789	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	288.0	0.0000	236.9	60.96	8.789	4			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	136.0	21.70				1			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	261.0	8.000	312.1	36.82	8.290	6	-1.39	8%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	299.1	8.843	312.1	36.82	8.290	6	-0.35	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	301.0	2.000	312.1	36.82	8.290	6	-0.30	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	319.7	2.900	312.1	36.82	8.290	6	0.20	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	343.5	15.00	312.1	36.82	8.290	6	0.85	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0964	348.5	13.00	312.1	36.82	8.290	6	0.99	6%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	213.4	6.320				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	269.0	8.000				2			0
017.41	Boron, ICP, Dry ash (ppm)	0226	8.535	0.0500	9.725	1.006	1.103	5			0
017.41	Boron, ICP, Dry ash (ppm)	0358	9.070	0.0600	9.725	1.006	1.103	5			0
017.41	Boron, ICP, Dry ash (ppm)	0407	9.770	0.1065	9.725	1.006	1.103	5			0
017.41	Boron, ICP, Dry ash (ppm)	0049	10.09	1.910	9.725	1.006	1.103	5			0
017.41	Boron, ICP, Dry ash (ppm)	0229	11.17	3.390	9.725	1.006	1.103	5			0
017.42	Boron, ICP, Open vessel (ppm)	0045	7.870	0.2600	9.514	1.408	0.3125	4			0
017.42	Boron, ICP, Open vessel (ppm)	0693	8.985	0.5900	9.514	1.408	0.3125	4			0
017.42	Boron, ICP, Open vessel (ppm)	0037	10.05	0.1000	9.514	1.408	0.3125	4			0
017.42	Boron, ICP, Open vessel (ppm)	0294	11.15	0.3000	9.514	1.408	0.3125	4			0
017.43	Boron, ICP, Microwave (ppm)	0083	8.950	0.1000	9.929	0.9267	0.1636	4			0
017.43	Boron, ICP, Microwave (ppm)	0345	9.400	0.2000	9.929	0.9267	0.1636	4			0
017.43	Boron, ICP, Microwave (ppm)	0407	10.37	0.1907	9.929	0.9267	0.1636	4			0
017.43	Boron, ICP, Microwave (ppm)	0510	11.00	0.0000	9.929	0.9267	0.1636	4			0
017.43	Boron, ICP, Microwave (ppm)	0353	11.50	1.000	9.929	0.9267	0.1636	4			1
017.52	Boron, ICP-MS, Open vessel (ppm)	0096	8.849	0.6107				1			0
017.53	Boron, ICP-MS, Microwave (ppm)	0407	5.627	0.1155				1			0
017.99	Boron, Miscellaneous (ppm)	0123	11.60	0.2000				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.204	0.0110				3			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	1.240	0.0000				3			0

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019.00	Calcium, Ox-Mn04 Vol. (%)	2190	1.369	0.0005				3			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	1.250	0.0800				3			1
019.08	Calcium, EDTA (%)	0629	1.235	0.0100	1.323	0.0820	0.0214	10	-1.07	3%	0
019.08	Calcium, EDTA (%)	2397	1.250	0.0600	1.323	0.0820	0.0214	10	-0.89	3%	0
019.08	Calcium, EDTA (%)	2337	1.255	0.0100	1.323	0.0820	0.0214	10	-0.83	3%	0
019.08	Calcium, EDTA (%)	2196	1.270	0.0000	1.323	0.0820	0.0214	10	-0.65	2%	0
019.08	Calcium, EDTA (%)	0590	1.305	0.0100	1.323	0.0820	0.0214	10	-0.22	1%	0
019.08	Calcium, EDTA (%)	2193	1.345	0.0300	1.323	0.0820	0.0214	10	0.27	1%	0
019.08	Calcium, EDTA (%)	2188	1.350	0.0000	1.323	0.0820	0.0214	10	0.33	1%	0
019.08	Calcium, EDTA (%)	2195	1.360	0.0000	1.323	0.0820	0.0214	10	0.45	1%	0
019.08	Calcium, EDTA (%)	2434	1.415	0.0100	1.323	0.0820	0.0214	10	1.12	3%	0
019.08	Calcium, EDTA (%)	0689	1.490	0.0200	1.323	0.0820	0.0214	10	2.04	6%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.208	0.0300				1			0
019.31	Calcium, AAS, Dry ash (%)	0536	1.130	0.0200	1.271	0.0575	0.0269	16	-2.46	6%	0
019.31	Calcium, AAS, Dry ash (%)	2246	1.150	0.0000	1.271	0.0575	0.0269	16	-2.11	5%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.210	0.0200	1.271	0.0575	0.0269	16	-1.07	2%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.248	0.0010	1.271	0.0575	0.0269	16	-0.42	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.253	0.0212	1.271	0.0575	0.0269	16	-0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0651	1.260	0.0171	1.271	0.0575	0.0269	16	-0.21	0%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.260	0.0400	1.271	0.0575	0.0269	16	-0.20	0%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.260	0.0000	1.271	0.0575	0.0269	16	-0.20	0%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.266	0.0000	1.271	0.0575	0.0269	16	-0.09	0%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.280	0.0200	1.271	0.0575	0.0269	16	0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.300	0.1000	1.271	0.0575	0.0269	16	0.50	1%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.305	0.0100	1.271	0.0575	0.0269	16	0.58	1%	0
019.31	Calcium, AAS, Dry ash (%)	0722	1.314	0.0109	1.271	0.0575	0.0269	16	0.73	2%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.315	0.0100	1.271	0.0575	0.0269	16	0.76	2%	0
019.31	Calcium, AAS, Dry ash (%)	2097	1.345	0.0195	1.271	0.0575	0.0269	16	1.29	3%	0
019.31	Calcium, AAS, Dry ash (%)	0646	1.360	0.0600	1.271	0.0575	0.0269	16	1.54	3%	0
019.31	Calcium, AAS, Dry ash (%)	0921	1.838	0.1760	1.271	0.0575	0.0269	16	9.85	22%	1
019.32	Calcium, AAS, Open vessel (%)	0169	1.380	0.0800				1			0
019.41	Calcium, ICP, Dry ash (%)	0358	1.185	0.0700	1.304	0.0609	0.0369	21	-1.95	5%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.210	0.1200	1.304	0.0609	0.0369	21	-1.54	4%	0
019.41	Calcium, ICP, Dry ash (%)	0066	1.221	0.0420	1.304	0.0609	0.0369	21	-1.36	3%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.235	0.0100	1.304	0.0609	0.0369	21	-1.13	3%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.240	0.0200	1.304	0.0609	0.0369	21	-1.04	2%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.280	0.0400	1.304	0.0609	0.0369	21	-0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.285	0.0300	1.304	0.0609	0.0369	21	-0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.295	0.0100	1.304	0.0609	0.0369	21	-0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	2259	1.305	0.0080	1.304	0.0609	0.0369	21	0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0354	1.306	0.0180	1.304	0.0609	0.0369	21	0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.310	0.0800	1.304	0.0609	0.0369	21	0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0171	1.320	0.0000	1.304	0.0609	0.0369	21	0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.328	0.0171	1.304	0.0609	0.0369	21	0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.330	0.0200	1.304	0.0609	0.0369	21	0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0674	1.330	0.0000	1.304	0.0609	0.0369	21	0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.335	0.0900	1.304	0.0609	0.0369	21	0.52	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.345	0.0064	1.304	0.0609	0.0369	21	0.69	2%	0
019.41	Calcium, ICP, Dry ash (%)	0685	1.350	0.0200	1.304	0.0609	0.0369	21	0.76	2%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.366	0.0330	1.304	0.0609	0.0369	21	1.02	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.375	0.0300	1.304	0.0609	0.0369	21	1.17	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.440	0.0000	1.304	0.0609	0.0369	21	2.24	5%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.180	0.0400	1.304	0.1110	0.0463	16	-1.12	5%	0
019.42	Calcium, ICP, Open vessel (%)	2319	1.210	0.0400	1.304	0.1110	0.0463	16	-0.85	4%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.222	0.0177	1.304	0.1110	0.0463	16	-0.74	3%	0
019.42	Calcium, ICP, Open vessel (%)	0096	1.225	0.1073	1.304	0.1110	0.0463	16	-0.71	3%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.233	0.0300	1.304	0.1110	0.0463	16	-0.64	3%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.246	0.0440	1.304	0.1110	0.0463	16	-0.52	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.255	0.1300	1.304	0.1110	0.0463	16	-0.44	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.272	0.0510	1.304	0.1110	0.0463	16	-0.29	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.272	0.0400	1.304	0.1110	0.0463	16	-0.29	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.275	0.0300	1.304	0.1110	0.0463	16	-0.26	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.295	0.0430	1.304	0.1110	0.0463	16	-0.09	0%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.400	0.0163	1.304	0.1110	0.0463	16	0.86	4%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.402	0.0090	1.304	0.1110	0.0463	16	0.88	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.440	0.0000	1.304	0.1110	0.0463	16	1.22	5%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.545	0.0500	1.304	0.1110	0.0463	16	2.17	9%	0
019.42	Calcium, ICP, Open vessel (%)	2375	1.600	0.0000	1.304	0.1110	0.0463	16	2.66	11%	0
019.43	Calcium, ICP, Microwave (%)	2326	0.7200	0.0000	1.305	0.0847	0.0457	28	-6.90	22%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.175	0.0100	1.305	0.0847	0.0457	28	-1.53	5%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.180	0.1600	1.305	0.0847	0.0457	28	-1.47	5%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.215	0.0100	1.305	0.0847	0.0457	28	-1.06	3%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.218	0.1290	1.305	0.0847	0.0457	28	-1.02	3%	0
019.43	Calcium, ICP, Microwave (%)	0511	1.250	0.0000	1.305	0.0847	0.0457	28	-0.65	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.255	0.0310	1.305	0.0847	0.0457	28	-0.60	2%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.260	0.0200	1.305	0.0847	0.0457	28	-0.53	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.273	0.0150	1.305	0.0847	0.0457	28	-0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.280	0.0000	1.305	0.0847	0.0457	28	-0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.280	0.0600	1.305	0.0847	0.0457	28	-0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0011	1.285	0.0300	1.305	0.0847	0.0457	28	-0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.295	0.0100	1.305	0.0847	0.0457	28	-0.12	0%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.295	0.0500	1.305	0.0847	0.0457	28	-0.12	0%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.297	0.0637	1.305	0.0847	0.0457	28	-0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0876	1.303	0.0050	1.305	0.0847	0.0457	28	-0.03	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.43	Calcium, ICP, Microwave (%)	0010	1.310	0.0400	1.305	0.0847	0.0457	28	0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.320	0.0800	1.305	0.0847	0.0457	28	0.18	1%	0
019.43	Calcium, ICP, Microwave (%)	0226	1.343	0.0150	1.305	0.0847	0.0457	28	0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.350	0.0000	1.305	0.0847	0.0457	28	0.53	2%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.355	0.0100	1.305	0.0847	0.0457	28	0.59	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.365	0.0700	1.305	0.0847	0.0457	28	0.71	2%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.380	0.0400	1.305	0.0847	0.0457	28	0.89	3%	0
019.43	Calcium, ICP, Microwave (%)	0668	1.405	0.0500	1.305	0.0847	0.0457	28	1.18	4%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.407	0.0060	1.305	0.0847	0.0457	28	1.20	4%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.415	0.1100	1.305	0.0847	0.0457	28	1.30	4%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.417	0.0430	1.305	0.0847	0.0457	28	1.32	4%	0
019.43	Calcium, ICP, Microwave (%)	0875	1.510	0.0400	1.305	0.0847	0.0457	28	2.42	8%	0
019.43	Calcium, ICP, Microwave (%)	0964	13.15	0.2980	1.305	0.0847	0.0457	28	>100	454%	2
019.44	Calcium, ICP, Dry ash (%)	0164	1.235	0.0100				2			0
019.44	Calcium, ICP, Dry ash (%)	2445	1.255	0.0100				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.229	0.0213	1.329	0.0700	0.0938	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.345	0.1500	1.329	0.0700	0.0938	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.351	0.0240	1.329	0.0700	0.0938	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0096	1.392	0.1797	1.329	0.0700	0.0938	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	0.8715	0.0031				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.305	0.0700				2			0
019.99	Calcium, Miscellaneous (%)	0590	1.245	0.0100	1.305	0.0652	0.0533	6	-0.91	2%	0
019.99	Calcium, Miscellaneous (%)	2144	1.250	0.0800	1.305	0.0652	0.0533	6	-0.84	2%	0
019.99	Calcium, Miscellaneous (%)	0123	1.300	0.0400	1.305	0.0652	0.0533	6	-0.07	0%	0
019.99	Calcium, Miscellaneous (%)	0100	1.305	0.0500	1.305	0.0652	0.0533	6	0.01	0%	0
019.99	Calcium, Miscellaneous (%)	0676	1.325	0.0700	1.305	0.0652	0.0533	6	0.31	1%	0
019.99	Calcium, Miscellaneous (%)	0889	1.665	0.0700	1.305	0.0652	0.0533	6	5.53	14%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	4.545	0.2100				1			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	2.520	0.0000	3.840	0.8366	0.1243	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	3.525	0.0300	3.840	0.8366	0.1243	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	4.173	0.1772	3.840	0.8366	0.1243	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	4.480	0.1400	3.840	0.8366	0.1243	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	4.501	0.1500	3.840	0.8366	0.1243	5			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	3.855	0.1900				1			0
021.43	Cobalt, ICP, Microwave (ppm)	0345	3.910	0.2200	4.468	0.4174	0.2773	9	-1.34	6%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	4.177	0.1282	4.468	0.4174	0.2773	9	-0.70	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	4.205	0.1700	4.468	0.4174	0.2773	9	-0.63	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0629	4.320	0.0800	4.468	0.4174	0.2773	9	-0.36	2%	0
021.43	Cobalt, ICP, Microwave (ppm)	0964	4.410	0.4000	4.468	0.4174	0.2773	9	-0.14	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	4.600	0.0000	4.468	0.4174	0.2773	9	0.32	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	4.640	0.0200	4.468	0.4174	0.2773	9	0.41	2%	0
021.43	Cobalt, ICP, Microwave (ppm)	0038	4.860	0.7000	4.468	0.4174	0.2773	9	0.94	4%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.43	Cobalt, ICP, Microwave (ppm)	0875	5.350	0.5000	4.468	0.4174	0.2773	9	2.11	10%	0
021.43	Cobalt, ICP, Microwave (ppm)	2326	5.800	2.120	4.468	0.4174	0.2773	9	3.19	15%	1
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	2.830	0.0000				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0096	3.086	0.0234				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0047	4.990	0.5200				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	2.742	0.0564				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	3.875	0.1100				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	4.345	0.6100				3			0
022.31	Copper, AAS, Dry ash (ppm)	0629	89.00	2.000	99.46	5.539	1.490	13	-1.89	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	91.63	0.6500	99.46	5.539	1.490	13	-1.41	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0722	94.95	2.302	99.46	5.539	1.490	13	-0.81	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	97.60	1.200	99.46	5.539	1.490	13	-0.34	1%	0
022.31	Copper, AAS, Dry ash (ppm)	2195	98.35	3.880	99.46	5.539	1.490	13	-0.20	1%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	99.17	0.0000	99.46	5.539	1.490	13	-0.05	0%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	99.44	0.8400	99.46	5.539	1.490	13	0.00	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	101.1	2.000	99.46	5.539	1.490	13	0.30	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	101.2	1.810	99.46	5.539	1.490	13	0.31	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	101.6	0.3700	99.46	5.539	1.490	13	0.38	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	104.0	1.169	99.46	5.539	1.490	13	0.83	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	105.2	0.1603	99.46	5.539	1.490	13	1.03	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0884	107.7	1.500	99.46	5.539	1.490	13	1.48	4%	0
022.32	Copper, AAS, Open vessel (ppm)	0038	119.0	6.000				1			0
022.33	Copper, AAS, Microwave (ppm)	0948	99.64	0.7500				2			0
022.33	Copper, AAS, Microwave (ppm)	0010	116.5	7.500				2			0
022.41	Copper, ICP, Dry ash (ppm)	0019	74.78	7.210	99.60	11.13	3.110	16	-2.23	12%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	77.36	8.470	99.60	11.13	3.110	16	-2.00	11%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	87.96	2.743	99.60	11.13	3.110	16	-1.05	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	91.89	0.1974	99.60	11.13	3.110	16	-0.69	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	91.90	0.6200	99.60	11.13	3.110	16	-0.69	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	95.43	4.361	99.60	11.13	3.110	16	-0.37	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	96.60	0.8739	99.60	11.13	3.110	16	-0.27	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	103.0	0.0000	99.60	11.13	3.110	16	0.31	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	104.0	1.300	99.60	11.13	3.110	16	0.39	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	105.0	3.670	99.60	11.13	3.110	16	0.49	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	105.3	2.900	99.60	11.13	3.110	16	0.51	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	106.2	0.1200	99.60	11.13	3.110	16	0.60	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0208	107.8	4.600	99.60	11.13	3.110	16	0.74	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	108.3	0.0700	99.60	11.13	3.110	16	0.78	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	110.1	6.400	99.60	11.13	3.110	16	0.94	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	114.4	0.0000	99.60	11.13	3.110	16	1.33	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0096	95.91	0.6830	110.1	10.85	3.965	17	-1.30	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	98.61	1.793	110.1	10.85	3.965	17	-1.06	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.42	Copper, ICP, Open vessel (ppm)	2319	100.5	7.000	110.1	10.85	3.965	17	-0.88	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	101.0	14.40	110.1	10.85	3.965	17	-0.84	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	104.7	3.500	110.1	10.85	3.965	17	-0.50	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	105.1	0.6540	110.1	10.85	3.965	17	-0.45	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	105.2	5.500	110.1	10.85	3.965	17	-0.45	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	105.5	0.6000	110.1	10.85	3.965	17	-0.42	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	107.0	6.000	110.1	10.85	3.965	17	-0.28	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	109.0	8.000	110.1	10.85	3.965	17	-0.10	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	110.0	1.100	110.1	10.85	3.965	17	-0.01	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	117.0	1.570	110.1	10.85	3.965	17	0.64	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	118.4	7.610	110.1	10.85	3.965	17	0.76	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	120.0	4.000	110.1	10.85	3.965	17	0.92	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	121.4	1.800	110.1	10.85	3.965	17	1.04	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	125.6	0.2000	110.1	10.85	3.965	17	1.43	7%	0
022.42	Copper, ICP, Open vessel (ppm)	2375	134.5	3.000	110.1	10.85	3.965	17	2.25	11%	0
022.43	Copper, ICP, Microwave (ppm)	0035	93.00	8.000	110.8	7.963	5.345	29	-2.23	8%	0
022.43	Copper, ICP, Microwave (ppm)	0511	97.00	6.000	110.8	7.963	5.345	29	-1.73	6%	0
022.43	Copper, ICP, Microwave (ppm)	2445	101.1	5.350	110.8	7.963	5.345	29	-1.21	4%	0
022.43	Copper, ICP, Microwave (ppm)	0083	101.8	0.6300	110.8	7.963	5.345	29	-1.12	4%	0
022.43	Copper, ICP, Microwave (ppm)	0629	102.0	0.0000	110.8	7.963	5.345	29	-1.10	4%	0
022.43	Copper, ICP, Microwave (ppm)	0098	103.6	4.400	110.8	7.963	5.345	29	-0.90	3%	0
022.43	Copper, ICP, Microwave (ppm)	0027	105.3	12.27	110.8	7.963	5.345	29	-0.68	2%	0
022.43	Copper, ICP, Microwave (ppm)	0202	108.0	6.000	110.8	7.963	5.345	29	-0.35	1%	0
022.43	Copper, ICP, Microwave (ppm)	2192	108.0	6.000	110.8	7.963	5.345	29	-0.35	1%	0
022.43	Copper, ICP, Microwave (ppm)	0017	108.2	16.30	110.8	7.963	5.345	29	-0.32	1%	0
022.43	Copper, ICP, Microwave (ppm)	2089	108.3	2.120	110.8	7.963	5.345	29	-0.31	1%	0
022.43	Copper, ICP, Microwave (ppm)	0848	108.3	1.877	110.8	7.963	5.345	29	-0.31	1%	0
022.43	Copper, ICP, Microwave (ppm)	0876	110.7	3.425	110.8	7.963	5.345	29	0.00	0%	0
022.43	Copper, ICP, Microwave (ppm)	0968	110.9	0.9880	110.8	7.963	5.345	29	0.02	0%	0
022.43	Copper, ICP, Microwave (ppm)	0345	111.4	4.300	110.8	7.963	5.345	29	0.08	0%	0
022.43	Copper, ICP, Microwave (ppm)	0505	111.4	2.000	110.8	7.963	5.345	29	0.08	0%	0
022.43	Copper, ICP, Microwave (ppm)	0510	111.5	3.000	110.8	7.963	5.345	29	0.09	0%	0
022.43	Copper, ICP, Microwave (ppm)	0610	111.5	19.00	110.8	7.963	5.345	29	0.09	0%	0
022.43	Copper, ICP, Microwave (ppm)	0964	111.5	4.000	110.8	7.963	5.345	29	0.09	0%	0
022.43	Copper, ICP, Microwave (ppm)	0407	112.4	0.9026	110.8	7.963	5.345	29	0.20	1%	0
022.43	Copper, ICP, Microwave (ppm)	0682	113.2	0.0000	110.8	7.963	5.345	29	0.31	1%	0
022.43	Copper, ICP, Microwave (ppm)	0353	114.0	2.000	110.8	7.963	5.345	29	0.41	1%	0
022.43	Copper, ICP, Microwave (ppm)	0169	114.5	1.000	110.8	7.963	5.345	29	0.47	2%	0
022.43	Copper, ICP, Microwave (ppm)	0668	114.5	0.8000	110.8	7.963	5.345	29	0.47	2%	0
022.43	Copper, ICP, Microwave (ppm)	0226	121.5	2.330	110.8	7.963	5.345	29	1.35	5%	0
022.43	Copper, ICP, Microwave (ppm)	0675	122.6	8.620	110.8	7.963	5.345	29	1.48	5%	0
022.43	Copper, ICP, Microwave (ppm)	0038	125.0	2.000	110.8	7.963	5.345	29	1.79	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.43	Copper, ICP, Microwave (ppm)	2326	128.5	17.00	110.8	7.963	5.345	29	2.23	8%	0
022.43	Copper, ICP, Microwave (ppm)	0875	132.0	4.000	110.8	7.963	5.345	29	2.67	10%	0
022.44	Copper, ICP, Dry ash (ppm)	0066	96.50	1.875				2			0
022.44	Copper, ICP, Dry ash (ppm)	0164	106.5	1.000				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0096	108.8	14.77				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	110.7	3.230				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	111.0	6.000				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	67.51	7.102				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	102.5	25.00				2			0
022.99	Copper, Miscellaneous (ppm)	0590	96.70	3.600				2			0
022.99	Copper, Miscellaneous (ppm)	0100	97.50	3.000				2			0
025.31	Iron, AAS, Dry ash (ppm)	2188	290.2	0.3100	457.0	60.00	14.10	15	-2.78	18%	0
025.31	Iron, AAS, Dry ash (ppm)	0921	388.5	39.60	457.0	60.00	14.10	15	-1.14	7%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	395.5	10.70	457.0	60.00	14.10	15	-1.03	7%	0
025.31	Iron, AAS, Dry ash (ppm)	0629	410.0	20.00	457.0	60.00	14.10	15	-0.78	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	434.9	8.200	457.0	60.00	14.10	15	-0.37	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	440.4	7.471	457.0	60.00	14.10	15	-0.28	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	453.7	4.380	457.0	60.00	14.10	15	-0.06	0%	0
025.31	Iron, AAS, Dry ash (ppm)	2195	458.6	7.100	457.0	60.00	14.10	15	0.03	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	460.6	4.690	457.0	60.00	14.10	15	0.06	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	471.8	15.03	457.0	60.00	14.10	15	0.25	2%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	476.1	0.0000	457.0	60.00	14.10	15	0.32	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0208	514.0	12.00	457.0	60.00	14.10	15	0.95	6%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	514.1	30.80	457.0	60.00	14.10	15	0.95	6%	0
025.31	Iron, AAS, Dry ash (ppm)	0884	523.5	20.10	457.0	60.00	14.10	15	1.11	7%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	580.5	17.00	457.0	60.00	14.10	15	2.06	14%	0
025.33	Iron, AAS, Microwave (ppm)	0948	483.9	14.69				1			0
025.41	Iron, ICP, Dry ash (ppm)	0164	0.0459	0.0026	458.7	46.26	16.02	17	-9.91	50%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	347.5	13.00	458.7	46.26	16.02	17	-2.40	12%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	367.4	12.30	458.7	46.26	16.02	17	-1.97	10%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	426.3	0.0000	458.7	46.26	16.02	17	-0.70	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	447.1	4.420	458.7	46.26	16.02	17	-0.25	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	449.9	28.21	458.7	46.26	16.02	17	-0.19	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	452.5	1.906	458.7	46.26	16.02	17	-0.13	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	457.1	1.300	458.7	46.26	16.02	17	-0.03	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	472.3	5.440	458.7	46.26	16.02	17	0.29	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	473.5	28.94	458.7	46.26	16.02	17	0.32	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	475.4	6.795	458.7	46.26	16.02	17	0.36	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0208	476.3	4.500	458.7	46.26	16.02	17	0.38	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	483.4	39.50	458.7	46.26	16.02	17	0.53	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	488.5	34.80	458.7	46.26	16.02	17	0.65	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	488.9	16.60	458.7	46.26	16.02	17	0.65	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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025.41	Iron, ICP, Dry ash (ppm)	0004	510.2	6.520	458.7	46.26	16.02	17	1.11	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	528.7	52.05	458.7	46.26	16.02	17	1.52	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	192.5	19.60	405.3	100.8	18.00	15	-2.11	26%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	229.2	2.200	405.3	100.8	18.00	15	-1.75	22%	0
025.42	Iron, ICP, Open vessel (ppm)	2342	323.0	40.00	405.3	100.8	18.00	15	-0.82	10%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	348.3	0.2000	405.3	100.8	18.00	15	-0.57	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	350.6	5.440	405.3	100.8	18.00	15	-0.54	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0096	372.5	1.667	405.3	100.8	18.00	15	-0.33	4%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	377.0	42.00	405.3	100.8	18.00	15	-0.28	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	420.0	4.000	405.3	100.8	18.00	15	0.15	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	420.7	16.82	405.3	100.8	18.00	15	0.15	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	453.2	0.8110	405.3	100.8	18.00	15	0.48	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	487.0	54.00	405.3	100.8	18.00	15	0.81	10%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	492.0	20.00	405.3	100.8	18.00	15	0.86	11%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	492.1	10.20	405.3	100.8	18.00	15	0.86	11%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	503.6	34.02	405.3	100.8	18.00	15	0.97	12%	0
025.42	Iron, ICP, Open vessel (ppm)	2375	531.5	19.00	405.3	100.8	18.00	15	1.25	16%	0
025.43	Iron, ICP, Microwave (ppm)	0202	103.5	19.00	498.7	32.67	14.77	25	-12.10	40%	0
025.43	Iron, ICP, Microwave (ppm)	2089	375.1	10.10	498.7	32.67	14.77	25	-3.78	12%	0
025.43	Iron, ICP, Microwave (ppm)	0511	446.5	1.000	498.7	32.67	14.77	25	-1.60	5%	0
025.43	Iron, ICP, Microwave (ppm)	0083	459.9	3.580	498.7	32.67	14.77	25	-1.19	4%	0
025.43	Iron, ICP, Microwave (ppm)	0345	467.7	5.000	498.7	32.67	14.77	25	-0.95	3%	0
025.43	Iron, ICP, Microwave (ppm)	0017	474.7	4.679	498.7	32.67	14.77	25	-0.73	2%	0
025.43	Iron, ICP, Microwave (ppm)	0968	479.9	5.823	498.7	32.67	14.77	25	-0.58	2%	0
025.43	Iron, ICP, Microwave (ppm)	0876	482.6	21.33	498.7	32.67	14.77	25	-0.49	2%	0
025.43	Iron, ICP, Microwave (ppm)	0610	487.0	10.00	498.7	32.67	14.77	25	-0.36	1%	0
025.43	Iron, ICP, Microwave (ppm)	0226	498.2	3.850	498.7	32.67	14.77	25	-0.01	0%	0
025.43	Iron, ICP, Microwave (ppm)	0668	500.3	54.20	498.7	32.67	14.77	25	0.05	0%	0
025.43	Iron, ICP, Microwave (ppm)	0035	500.5	3.000	498.7	32.67	14.77	25	0.06	0%	0
025.43	Iron, ICP, Microwave (ppm)	0407	504.9	0.0134	498.7	32.67	14.77	25	0.19	1%	0
025.43	Iron, ICP, Microwave (ppm)	0629	505.0	4.000	498.7	32.67	14.77	25	0.19	1%	0
025.43	Iron, ICP, Microwave (ppm)	0682	505.2	0.0000	498.7	32.67	14.77	25	0.20	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	508.0	4.000	498.7	32.67	14.77	25	0.29	1%	0
025.43	Iron, ICP, Microwave (ppm)	2192	511.0	54.00	498.7	32.67	14.77	25	0.38	1%	0
025.43	Iron, ICP, Microwave (ppm)	0505	513.4	2.200	498.7	32.67	14.77	25	0.45	1%	0
025.43	Iron, ICP, Microwave (ppm)	0169	513.5	3.000	498.7	32.67	14.77	25	0.45	1%	0
025.43	Iron, ICP, Microwave (ppm)	0098	522.8	17.00	498.7	32.67	14.77	25	0.74	2%	0
025.43	Iron, ICP, Microwave (ppm)	0875	524.5	17.00	498.7	32.67	14.77	25	0.79	3%	0
025.43	Iron, ICP, Microwave (ppm)	0964	531.5	33.00	498.7	32.67	14.77	25	1.00	3%	0
025.43	Iron, ICP, Microwave (ppm)	0353	539.0	8.000	498.7	32.67	14.77	25	1.23	4%	0
025.43	Iron, ICP, Microwave (ppm)	0675	540.8	7.790	498.7	32.67	14.77	25	1.29	4%	0
025.43	Iron, ICP, Microwave (ppm)	2326	581.5	63.00	498.7	32.67	14.77	25	2.54	8%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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025.43	Iron, ICP, Microwave (ppm)	0038	609.0	94.00	498.7	32.67	14.77	25	3.38	11%	1
025.52	Iron, ICP-MS, Open vessel (ppm)	0096	475.1	11.62				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	488.6	5.750				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	332.8	15.88				1			0
025.99	Iron, Miscellaneous (ppm)	0100	477.0	12.00				2			0
025.99	Iron, Miscellaneous (ppm)	2144	535.1	4.900				2			0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.3450	0.0100	0.4093	0.0212	0.0078	11	-3.03	8%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.3850	0.0100	0.4093	0.0212	0.0078	11	-1.15	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.3960	0.0040	0.4093	0.0212	0.0078	11	-0.63	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0921	0.4070	0.0040	0.4093	0.0212	0.0078	11	-0.11	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.4074	0.0007	0.4093	0.0212	0.0078	11	-0.09	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.4100	0.0000	0.4093	0.0212	0.0078	11	0.04	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.4100	0.0000	0.4093	0.0212	0.0078	11	0.04	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.4125	0.0030	0.4093	0.0212	0.0078	11	0.15	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.4250	0.0100	0.4093	0.0212	0.0078	11	0.74	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.4310	0.0220	0.4093	0.0212	0.0078	11	1.03	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.4405	0.0063	0.4093	0.0212	0.0078	11	1.47	4%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.4350	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0010	0.4250	0.0100				2			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.4670	0.0100				2			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.3740	0.0174	0.4102	0.0259	0.0148	16	-1.40	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.3845	0.0090	0.4102	0.0259	0.0148	16	-0.99	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.3850	0.0300	0.4102	0.0259	0.0148	16	-0.97	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.3850	0.0100	0.4102	0.0259	0.0148	16	-0.97	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.3850	0.0300	0.4102	0.0259	0.0148	16	-0.97	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.4000	0.0000	0.4102	0.0259	0.0148	16	-0.39	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.4050	0.0300	0.4102	0.0259	0.0148	16	-0.20	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.4150	0.0100	0.4102	0.0259	0.0148	16	0.18	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.4155	0.0010	0.4102	0.0259	0.0148	16	0.20	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.4190	0.0020	0.4102	0.0259	0.0148	16	0.34	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.4200	0.0000	0.4102	0.0259	0.0148	16	0.38	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.4200	0.0000	0.4102	0.0259	0.0148	16	0.38	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.4259	0.0064	0.4102	0.0259	0.0148	16	0.60	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.4405	0.0290	0.4102	0.0259	0.0148	16	1.17	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.4440	0.0080	0.4102	0.0259	0.0148	16	1.30	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.4450	0.0100	0.4102	0.0259	0.0148	16	1.34	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0096	0.3731	0.0232	0.4205	0.0272	0.0161	17	-1.74	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.3850	0.0100	0.4205	0.0272	0.0161	17	-1.31	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.4000	0.0000	0.4205	0.0272	0.0161	17	-0.75	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.4025	0.0410	0.4205	0.0272	0.0161	17	-0.66	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.4045	0.0010	0.4205	0.0272	0.0161	17	-0.59	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.4050	0.0100	0.4205	0.0272	0.0161	17	-0.57	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.42	Magnesium, ICP, Open vessel (%)	0045	0.4065	0.0370	0.4205	0.0272	0.0161	17	-0.52	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.4150	0.0040	0.4205	0.0272	0.0161	17	-0.20	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.4184	0.0237	0.4205	0.0272	0.0161	17	-0.08	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.4235	0.0026	0.4205	0.0272	0.0161	17	0.11	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.4250	0.0100	0.4205	0.0272	0.0161	17	0.16	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.4350	0.0300	0.4205	0.0272	0.0161	17	0.53	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.4400	0.0200	0.4205	0.0272	0.0161	17	0.71	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.4439	0.0037	0.4205	0.0272	0.0161	17	0.86	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.4500	0.0000	0.4205	0.0272	0.0161	17	1.08	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.4540	0.0056	0.4205	0.0272	0.0161	17	1.23	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2375	0.5000	0.0200	0.4205	0.0272	0.0161	17	2.92	9%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.3760	0.0100	0.4203	0.0261	0.0094	26	-1.70	5%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.3800	0.0000	0.4203	0.0261	0.0094	26	-1.54	5%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.3900	0.0200	0.4203	0.0261	0.0094	26	-1.16	4%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.3920	0.0020	0.4203	0.0261	0.0094	26	-1.08	3%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.3950	0.0100	0.4203	0.0261	0.0094	26	-0.97	3%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.3950	0.0100	0.4203	0.0261	0.0094	26	-0.97	3%	0
027.43	Magnesium, ICP, Microwave (%)	0875	0.4020	0.0020	0.4203	0.0261	0.0094	26	-0.70	2%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.4079	0.0077	0.4203	0.0261	0.0094	26	-0.48	1%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.4130	0.0060	0.4203	0.0261	0.0094	26	-0.28	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.4150	0.0100	0.4203	0.0261	0.0094	26	-0.20	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.4150	0.0100	0.4203	0.0261	0.0094	26	-0.20	1%	0
027.43	Magnesium, ICP, Microwave (%)	0876	0.4160	0.0027	0.4203	0.0261	0.0094	26	-0.17	1%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.4160	0.0140	0.4203	0.0261	0.0094	26	-0.16	1%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.4223	0.0028	0.4203	0.0261	0.0094	26	0.08	0%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.4250	0.0100	0.4203	0.0261	0.0094	26	0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.4300	0.0000	0.4203	0.0261	0.0094	26	0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.4300	0.0000	0.4203	0.0261	0.0094	26	0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.4300	0.0000	0.4203	0.0261	0.0094	26	0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.4350	0.0100	0.4203	0.0261	0.0094	26	0.56	2%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.4350	0.0100	0.4203	0.0261	0.0094	26	0.56	2%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.4350	0.0100	0.4203	0.0261	0.0094	26	0.56	2%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.4450	0.0100	0.4203	0.0261	0.0094	26	0.95	3%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.4500	0.0000	0.4203	0.0261	0.0094	26	1.14	4%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.4525	0.0054	0.4203	0.0261	0.0094	26	1.23	4%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.4600	0.0040	0.4203	0.0261	0.0094	26	1.52	5%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.4750	0.0300	0.4203	0.0261	0.0094	26	2.10	7%	0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.3900	0.0400				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.3971	0.0158	0.4526	0.0782	0.0115	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.4214	0.0006	0.4526	0.0782	0.0115	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0096	0.4232	0.0246	0.4526	0.0782	0.0115	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.5685	0.0050	0.4526	0.0782	0.0115	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.2754	0.0084				1			0
027.99	Magnesium, Miscellaneous (%)	0889	0.4000	0.0000	0.4110	0.0082	0.0100	5			0
027.99	Magnesium, Miscellaneous (%)	2144	0.4050	0.0100	0.4110	0.0082	0.0100	5			0
027.99	Magnesium, Miscellaneous (%)	0123	0.4150	0.0100	0.4110	0.0082	0.0100	5			0
027.99	Magnesium, Miscellaneous (%)	0590	0.4150	0.0100	0.4110	0.0082	0.0100	5			0
027.99	Magnesium, Miscellaneous (%)	0100	0.4200	0.0000	0.4110	0.0082	0.0100	5			0
028.31	Manganese, AAS, Dry ash (ppm)	0689	202.7	12.70	243.2	22.10	5.867	13	-1.84	8%	0
028.31	Manganese, AAS, Dry ash (ppm)	0629	223.0	0.0000	243.2	22.10	5.867	13	-0.92	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	223.6	0.8500	243.2	22.10	5.867	13	-0.89	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	229.6	0.8900	243.2	22.10	5.867	13	-0.62	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	234.2	1.100	243.2	22.10	5.867	13	-0.41	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0921	237.7	2.910	243.2	22.10	5.867	13	-0.25	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	239.7	5.498	243.2	22.10	5.867	13	-0.16	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	248.0	0.0000	243.2	22.10	5.867	13	0.21	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	252.8	4.600	243.2	22.10	5.867	13	0.43	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	257.4	3.500	243.2	22.10	5.867	13	0.64	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	263.0	2.906	243.2	22.10	5.867	13	0.89	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	266.7	15.60	243.2	22.10	5.867	13	1.06	5%	0
028.31	Manganese, AAS, Dry ash (ppm)	2195	288.1	13.98	243.2	22.10	5.867	13	2.03	9%	0
028.31	Manganese, AAS, Dry ash (ppm)	0208	260.5	55.00	243.2	22.10	5.867	13	0.78	4%	1
028.32	Manganese, AAS, Open vessel (ppm)	0038	280.0	2.000				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	239.0	3.100				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0619	232.5	1.000	246.0	9.683	9.099	15	-1.40	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	233.8	20.97	246.0	9.683	9.099	15	-1.26	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	235.3	5.480	246.0	9.683	9.099	15	-1.11	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	236.5	0.1300	246.0	9.683	9.099	15	-0.98	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	237.1	1.790	246.0	9.683	9.099	15	-0.92	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	248.6	31.50	246.0	9.683	9.099	15	0.26	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	248.7	10.96	246.0	9.683	9.099	15	0.28	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	248.9	10.51	246.0	9.683	9.099	15	0.30	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	249.3	3.700	246.0	9.683	9.099	15	0.33	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	249.8	11.48	246.0	9.683	9.099	15	0.39	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	250.6	6.900	246.0	9.683	9.099	15	0.47	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0208	251.7	4.800	246.0	9.683	9.099	15	0.59	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	254.3	17.10	246.0	9.683	9.099	15	0.85	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	254.8	1.064	246.0	9.683	9.099	15	0.91	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	258.7	0.0000	246.0	9.683	9.099	15	1.31	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	222.1	5.460	255.0	24.18	8.805	17	-1.36	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	227.0	0.6000	255.0	24.18	8.805	17	-1.16	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0096	230.3	13.23	255.0	24.18	8.805	17	-1.02	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	241.3	6.800	255.0	24.18	8.805	17	-0.57	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	242.5	5.000	255.0	24.18	8.805	17	-0.52	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.42	Manganese, ICP, Open vessel (ppm)	2319	245.5	3.000	255.0	24.18	8.805	17	-0.39	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	247.0	14.00	255.0	24.18	8.805	17	-0.33	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	251.5	15.00	255.0	24.18	8.805	17	-0.15	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	252.5	3.520	255.0	24.18	8.805	17	-0.10	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	252.6	21.25	255.0	24.18	8.805	17	-0.10	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	253.2	0.3300	255.0	24.18	8.805	17	-0.08	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	253.5	3.000	255.0	24.18	8.805	17	-0.06	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	271.3	30.20	255.0	24.18	8.805	17	0.67	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	280.6	0.3900	255.0	24.18	8.805	17	1.06	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	284.0	10.00	255.0	24.18	8.805	17	1.20	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	289.5	8.900	255.0	24.18	8.805	17	1.42	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	2375	313.5	9.000	255.0	24.18	8.805	17	2.42	11%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	226.0	10.00	257.6	13.09	6.966	24	-2.41	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	236.7	0.3730	257.6	13.09	6.966	24	-1.59	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	239.2	6.780	257.6	13.09	6.966	24	-1.41	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0629	244.0	8.000	257.6	13.09	6.966	24	-1.04	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	245.6	10.33	257.6	13.09	6.966	24	-0.92	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	248.5	33.00	257.6	13.09	6.966	24	-0.69	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	249.4	7.599	257.6	13.09	6.966	24	-0.62	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0876	252.3	4.025	257.6	13.09	6.966	24	-0.41	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	254.7	0.0000	257.6	13.09	6.966	24	-0.22	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	255.0	0.0000	257.6	13.09	6.966	24	-0.20	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	255.9	5.500	257.6	13.09	6.966	24	-0.13	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0668	259.2	3.900	257.6	13.09	6.966	24	0.12	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	261.0	4.000	257.6	13.09	6.966	24	0.26	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0226	262.2	3.385	257.6	13.09	6.966	24	0.35	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	262.7	8.849	257.6	13.09	6.966	24	0.39	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	263.0	12.00	257.6	13.09	6.966	24	0.41	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	263.2	4.100	257.6	13.09	6.966	24	0.43	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	263.2	3.820	257.6	13.09	6.966	24	0.43	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	263.8	3.600	257.6	13.09	6.966	24	0.48	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	266.5	5.000	257.6	13.09	6.966	24	0.68	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	268.5	1.000	257.6	13.09	6.966	24	0.83	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	274.0	10.00	257.6	13.09	6.966	24	1.25	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	278.4	1.992	257.6	13.09	6.966	24	1.59	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0875	290.0	6.000	257.6	13.09	6.966	24	2.48	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	268.0	48.00	257.6	13.09	6.966	24	0.80	2%	1
028.43	Manganese, ICP, Microwave (ppm)	2326	299.0	48.00	257.6	13.09	6.966	24	3.16	8%	1
028.44	Manganese, ICP, Dry ash (ppm)	0066	194.2	4.425				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	254.0	22.00				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0096	257.6	6.023				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	271.5	19.00				3			0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	390.1	1.530				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	168.2	4.880				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	248.5	33.00				2			0
028.99	Manganese, Miscellaneous (ppm)	2144	257.2	6.400				3			0
028.99	Manganese, Miscellaneous (ppm)	0590	258.0	12.00				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	261.5	9.000				3			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0099	0.0000				1			0
031.00	Phosphorus, Vol (%)	2193	1.010	0.0000				1			0
031.01	Phosphorus, Photometric (%)	2397	0.8950	0.0300	0.9476	0.0262	0.0140	28	-2.01	3%	0
031.01	Phosphorus, Photometric (%)	0646	0.9000	0.0200	0.9476	0.0262	0.0140	28	-1.82	3%	0
031.01	Phosphorus, Photometric (%)	2144	0.9000	0.0000	0.9476	0.0262	0.0140	28	-1.82	3%	0
031.01	Phosphorus, Photometric (%)	2188	0.9100	0.0000	0.9476	0.0262	0.0140	28	-1.44	2%	0
031.01	Phosphorus, Photometric (%)	2195	0.9150	0.0100	0.9476	0.0262	0.0140	28	-1.25	2%	0
031.01	Phosphorus, Photometric (%)	0651	0.9297	0.0104	0.9476	0.0262	0.0140	28	-0.68	1%	0
031.01	Phosphorus, Photometric (%)	2434	0.9300	0.0000	0.9476	0.0262	0.0140	28	-0.67	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.9350	0.0100	0.9476	0.0262	0.0140	28	-0.48	1%	0
031.01	Phosphorus, Photometric (%)	0722	0.9378	0.0002	0.9476	0.0262	0.0140	28	-0.38	1%	0
031.01	Phosphorus, Photometric (%)	2022	0.9400	0.0200	0.9476	0.0262	0.0140	28	-0.29	0%	0
031.01	Phosphorus, Photometric (%)	2246	0.9400	0.0000	0.9476	0.0262	0.0140	28	-0.29	0%	0
031.01	Phosphorus, Photometric (%)	2196	0.9480	0.0000	0.9476	0.0262	0.0140	28	0.01	0%	0
031.01	Phosphorus, Photometric (%)	0884	0.9500	0.0000	0.9476	0.0262	0.0140	28	0.09	0%	0
031.01	Phosphorus, Photometric (%)	2192	0.9500	0.0000	0.9476	0.0262	0.0140	28	0.09	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.9528	0.0054	0.9476	0.0262	0.0140	28	0.20	0%	0
031.01	Phosphorus, Photometric (%)	0038	0.9550	0.0160	0.9476	0.0262	0.0140	28	0.28	0%	0
031.01	Phosphorus, Photometric (%)	0529	0.9550	0.0100	0.9476	0.0262	0.0140	28	0.28	0%	0
031.01	Phosphorus, Photometric (%)	2097	0.9581	0.0078	0.9476	0.0262	0.0140	28	0.40	1%	0
031.01	Phosphorus, Photometric (%)	0035	0.9600	0.0000	0.9476	0.0262	0.0140	28	0.47	1%	0
031.01	Phosphorus, Photometric (%)	0590	0.9600	0.0200	0.9476	0.0262	0.0140	28	0.47	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.9600	0.0200	0.9476	0.0262	0.0140	28	0.47	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.9650	0.0100	0.9476	0.0262	0.0140	28	0.66	1%	0
031.01	Phosphorus, Photometric (%)	2190	0.9662	0.0196	0.9476	0.0262	0.0140	28	0.71	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.9700	0.0200	0.9476	0.0262	0.0140	28	0.85	1%	0
031.01	Phosphorus, Photometric (%)	2337	0.9700	0.0000	0.9476	0.0262	0.0140	28	0.85	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.9790	0.0060	0.9476	0.0262	0.0140	28	1.20	2%	0
031.01	Phosphorus, Photometric (%)	0939	0.9850	0.0100	0.9476	0.0262	0.0140	28	1.43	2%	0
031.01	Phosphorus, Photometric (%)	2006	1.000	0.0200	0.9476	0.0262	0.0140	28	2.00	3%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0013	0.9650	0.0100				1			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.9400	0.0200				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.9615	0.0050				2			0
031.06	Phosphorus, Hach Method (%)	0536	1.125	0.0500				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.8750	0.0100	0.9491	0.0509	0.0248	19	-1.45	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.8755	0.0190	0.9491	0.0509	0.0248	19	-1.44	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.8800	0.0200	0.9491	0.0509	0.0248	19	-1.36	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.9100	0.0000	0.9491	0.0509	0.0248	19	-0.77	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.9250	0.0300	0.9491	0.0509	0.0248	19	-0.47	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.9250	0.0500	0.9491	0.0509	0.0248	19	-0.47	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	0.9300	0.0000	0.9491	0.0509	0.0248	19	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.9360	0.0020	0.9491	0.0509	0.0248	19	-0.26	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.9400	0.0200	0.9491	0.0509	0.0248	19	-0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.9400	0.0200	0.9491	0.0509	0.0248	19	-0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.9500	0.0400	0.9491	0.0509	0.0248	19	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.9750	0.0300	0.9491	0.0509	0.0248	19	0.51	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.9778	0.0066	0.9491	0.0509	0.0248	19	0.56	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.9820	0.0560	0.9491	0.0509	0.0248	19	0.65	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.9860	0.0180	0.9491	0.0509	0.0248	19	0.72	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.9958	0.0276	0.9491	0.0509	0.0248	19	0.92	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.005	0.0008	0.9491	0.0509	0.0248	19	1.10	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	1.010	0.0200	0.9491	0.0509	0.0248	19	1.20	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.015	0.0510	0.9491	0.0509	0.0248	19	1.28	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.8950	0.1100	0.9491	0.0509	0.0248	19	-1.06	3%	1
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.8140	0.0320	0.9549	0.0756	0.0264	17	-1.86	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.8635	0.0150	0.9549	0.0756	0.0264	17	-1.21	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.9000	0.0200	0.9549	0.0756	0.0264	17	-0.73	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.9094	0.0492	0.9549	0.0756	0.0264	17	-0.60	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0096	0.9102	0.0453	0.9549	0.0756	0.0264	17	-0.59	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.9150	0.0300	0.9549	0.0756	0.0264	17	-0.53	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.9290	0.0220	0.9549	0.0756	0.0264	17	-0.34	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.9350	0.0700	0.9549	0.0756	0.0264	17	-0.26	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.9425	0.0130	0.9549	0.0756	0.0264	17	-0.16	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.9515	0.0090	0.9549	0.0756	0.0264	17	-0.04	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.9650	0.0100	0.9549	0.0756	0.0264	17	0.13	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.9850	0.0100	0.9549	0.0756	0.0264	17	0.40	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.9863	0.0057	0.9549	0.0756	0.0264	17	0.42	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.014	0.0528	0.9549	0.0756	0.0264	17	0.78	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.050	0.0200	0.9549	0.0756	0.0264	17	1.26	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.067	0.0178	0.9549	0.0756	0.0264	17	1.49	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	2375	1.160	0.0000	0.9549	0.0756	0.0264	17	2.71	11%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.8930	0.0000	0.9715	0.0525	0.0197	28	-1.50	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.8950	0.0500	0.9715	0.0525	0.0197	28	-1.46	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.9030	0.0251	0.9715	0.0525	0.0197	28	-1.31	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.9050	0.0100	0.9715	0.0525	0.0197	28	-1.27	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	0.9215	0.0030	0.9715	0.0525	0.0197	28	-0.95	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.9320	0.0060	0.9715	0.0525	0.0197	28	-0.75	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.9400	0.0200	0.9715	0.0525	0.0197	28	-0.60	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	2089	0.9450	0.0100	0.9715	0.0525	0.0197	28	-0.51	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.9463	0.0023	0.9715	0.0525	0.0197	28	-0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.9500	0.0000	0.9715	0.0525	0.0197	28	-0.41	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	0.9525	0.0150	0.9715	0.0525	0.0197	28	-0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.9540	0.0220	0.9715	0.0525	0.0197	28	-0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.9650	0.0300	0.9715	0.0525	0.0197	28	-0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.9680	0.0480	0.9715	0.0525	0.0197	28	-0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.9714	0.0017	0.9715	0.0525	0.0197	28	0.00	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.9750	0.0100	0.9715	0.0525	0.0197	28	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0875	0.9840	0.0040	0.9715	0.0525	0.0197	28	0.24	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.9894	0.0098	0.9715	0.0525	0.0197	28	0.34	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.9900	0.0200	0.9715	0.0525	0.0197	28	0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.000	0.0000	0.9715	0.0525	0.0197	28	0.54	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	1.009	0.0185	0.9715	0.0525	0.0197	28	0.72	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	1.010	0.0400	0.9715	0.0525	0.0197	28	0.73	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	1.015	0.0300	0.9715	0.0525	0.0197	28	0.83	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	1.019	0.0480	0.9715	0.0525	0.0197	28	0.89	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	1.030	0.0200	0.9715	0.0525	0.0197	28	1.11	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.040	0.0200	0.9715	0.0525	0.0197	28	1.30	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	1.065	0.0100	0.9715	0.0525	0.0197	28	1.78	5%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	1.100	0.0000	0.9715	0.0525	0.0197	28	2.45	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.9980	0.0840	0.9715	0.0525	0.0197	28	0.50	1%	1
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.8770	0.0200				3			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.9300	0.0040				3			0
031.44	Phosphorus, ICP, Dry ash (%)	2445	0.9800	0.0200				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.9521	0.0027				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.9760	0.0096				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.6623	0.0035				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.9250	0.0100				2			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.8950	0.0100	0.9800	0.1123	0.0267	4			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.9300	0.0000	0.9800	0.1123	0.0267	4			0
031.99	Phosphorus, Miscellaneous (%)	0123	0.9500	0.0200	0.9800	0.1123	0.0267	4			0
031.99	Phosphorus, Miscellaneous (%)	0889	1.145	0.0500	0.9800	0.1123	0.0267	4			0
032.02	Potassium, Flame Emission (%)	0884	2.090	0.0200				1			0
032.08	Potassium, Ion-selective electrode (%)	2434	0.7795	0.0010				1			0
032.31	Potassium, AAS, Dry ash (%)	0563	0.9214	0.0119	0.9903	0.0610	0.0121	8	-1.13	3%	0
032.31	Potassium, AAS, Dry ash (%)	0536	0.9450	0.0100	0.9903	0.0610	0.0121	8	-0.74	2%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.9590	0.0020	0.9903	0.0610	0.0121	8	-0.51	2%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.9600	0.0200	0.9903	0.0610	0.0121	8	-0.50	2%	0
032.31	Potassium, AAS, Dry ash (%)	2196	1.000	0.0000	0.9903	0.0610	0.0121	8	0.16	0%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.015	0.0100	0.9903	0.0610	0.0121	8	0.41	1%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.040	0.0200	0.9903	0.0610	0.0121	8	0.82	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.31	Potassium, AAS, Dry ash (%)	0948	1.106	0.0110	0.9903	0.0610	0.0121	8	1.89	6%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.085	0.0900	0.9903	0.0610	0.0121	8	1.55	5%	1
032.32	Potassium, AAS, Open vessel (%)	0169	1.145	0.0700				1			0
032.41	Potassium, ICP, Dry ash (%)	0019	0.9350	0.0100	1.040	0.0489	0.0385	17	-2.15	5%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.9735	0.0250	1.040	0.0489	0.0385	17	-1.36	3%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.9950	0.0100	1.040	0.0489	0.0385	17	-0.93	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.015	0.0100	1.040	0.0489	0.0385	17	-0.52	1%	0
032.41	Potassium, ICP, Dry ash (%)	0354	1.016	0.0000	1.040	0.0489	0.0385	17	-0.50	1%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.020	0.0400	1.040	0.0489	0.0385	17	-0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.029	0.1030	1.040	0.0489	0.0385	17	-0.24	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.035	0.0900	1.040	0.0489	0.0385	17	-0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.035	0.0500	1.040	0.0489	0.0385	17	-0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.042	0.0460	1.040	0.0489	0.0385	17	0.03	0%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.046	0.0016	1.040	0.0489	0.0385	17	0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.050	0.0800	1.040	0.0489	0.0385	17	0.20	0%	0
032.41	Potassium, ICP, Dry ash (%)	0674	1.060	0.0000	1.040	0.0489	0.0385	17	0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.075	0.0229	1.040	0.0489	0.0385	17	0.71	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.100	0.0200	1.040	0.0489	0.0385	17	1.22	3%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.115	0.0300	1.040	0.0489	0.0385	17	1.53	4%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.120	0.0000	1.040	0.0489	0.0385	17	1.63	4%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.9575	0.0070	1.069	0.0780	0.0402	16	-1.42	5%	0
032.42	Potassium, ICP, Open vessel (%)	0047	0.9900	0.1200	1.069	0.0780	0.0402	16	-1.01	4%	0
032.42	Potassium, ICP, Open vessel (%)	0096	0.9909	0.0078	1.069	0.0780	0.0402	16	-1.00	4%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.005	0.0700	1.069	0.0780	0.0402	16	-0.81	3%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.005	0.0100	1.069	0.0780	0.0402	16	-0.81	3%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.024	0.0210	1.069	0.0780	0.0402	16	-0.58	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.048	0.0360	1.069	0.0780	0.0402	16	-0.26	1%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.062	0.0540	1.069	0.0780	0.0402	16	-0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.075	0.0700	1.069	0.0780	0.0402	16	0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.090	0.0000	1.069	0.0780	0.0402	16	0.27	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.106	0.0082	1.069	0.0780	0.0402	16	0.48	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.135	0.0100	1.069	0.0780	0.0402	16	0.85	3%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.141	0.0000	1.069	0.0780	0.0402	16	0.93	3%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.141	0.0500	1.069	0.0780	0.0402	16	0.93	3%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.142	0.0686	1.069	0.0780	0.0402	16	0.94	3%	0
032.42	Potassium, ICP, Open vessel (%)	2375	1.295	0.0300	1.069	0.0780	0.0402	16	2.90	11%	0
032.43	Potassium, ICP, Microwave (%)	0011	0.9700	0.0200	1.071	0.0502	0.0197	27	-2.01	5%	0
032.43	Potassium, ICP, Microwave (%)	0511	1.010	0.0200	1.071	0.0502	0.0197	27	-1.21	3%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.011	0.0150	1.071	0.0502	0.0197	27	-1.20	3%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.011	0.0132	1.071	0.0502	0.0197	27	-1.18	3%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.018	0.0150	1.071	0.0502	0.0197	27	-1.06	2%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.020	0.0000	1.071	0.0502	0.0197	27	-1.01	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	2192	1.025	0.0100	1.071	0.0502	0.0197	27	-0.91	2%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.030	0.0000	1.071	0.0502	0.0197	27	-0.81	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.035	0.0100	1.071	0.0502	0.0197	27	-0.71	2%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.060	0.0200	1.071	0.0502	0.0197	27	-0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.070	0.0000	1.071	0.0502	0.0197	27	-0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.075	0.0100	1.071	0.0502	0.0197	27	0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0226	1.078	0.0150	1.071	0.0502	0.0197	27	0.13	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.080	0.0400	1.071	0.0502	0.0197	27	0.18	0%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.080	0.0200	1.071	0.0502	0.0197	27	0.18	0%	0
032.43	Potassium, ICP, Microwave (%)	0876	1.085	0.0700	1.071	0.0502	0.0197	27	0.28	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.085	0.0100	1.071	0.0502	0.0197	27	0.28	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.088	0.0029	1.071	0.0502	0.0197	27	0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.090	0.0400	1.071	0.0502	0.0197	27	0.38	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.094	0.0130	1.071	0.0502	0.0197	27	0.45	1%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.095	0.0100	1.071	0.0502	0.0197	27	0.48	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.110	0.0200	1.071	0.0502	0.0197	27	0.78	2%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.125	0.0500	1.071	0.0502	0.0197	27	1.08	3%	0
032.43	Potassium, ICP, Microwave (%)	0668	1.125	0.0100	1.071	0.0502	0.0197	27	1.08	3%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.135	0.0100	1.071	0.0502	0.0197	27	1.28	3%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.136	0.0087	1.071	0.0502	0.0197	27	1.30	3%	0
032.43	Potassium, ICP, Microwave (%)	2326	1.200	0.0000	1.071	0.0502	0.0197	27	2.57	6%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.115	0.0890	1.071	0.0502	0.0197	27	0.88	2%	1
032.44	Potassium, ICP, Dry ash (%)	0164	1.035	0.0100				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.8922	0.0086				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	1.035	0.0900				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.103	0.0070				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	0.7140	0.0140				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.9850	0.2100				2			0
032.99	Potassium, Miscellaneous (%)	0889	1.025	0.0100				3			0
032.99	Potassium, Miscellaneous (%)	0100	1.050	0.0000				3			0
032.99	Potassium, Miscellaneous (%)	0123	1.090	0.0200				3			0
032.99	Potassium, Miscellaneous (%)	0590	1.075	0.1300				3			1
033.00	Salt as chloride, Sol Cl (%)	0675	0.9550	0.0100	1.165	0.1124	0.0437	18	-1.87	9%	0
033.00	Salt as chloride, Sol Cl (%)	2397	1.005	0.0900	1.165	0.1124	0.0437	18	-1.42	7%	0
033.00	Salt as chloride, Sol Cl (%)	2193	1.040	0.0400	1.165	0.1124	0.0437	18	-1.11	5%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.050	0.0600	1.165	0.1124	0.0437	18	-1.02	5%	0
033.00	Salt as chloride, Sol Cl (%)	0298	1.090	0.0200	1.165	0.1124	0.0437	18	-0.67	3%	0
033.00	Salt as chloride, Sol Cl (%)	2022	1.110	0.0000	1.165	0.1124	0.0437	18	-0.49	2%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.150	0.0000	1.165	0.1124	0.0437	18	-0.13	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.155	0.0700	1.165	0.1124	0.0437	18	-0.09	0%	0
033.00	Salt as chloride, Sol Cl (%)	0123	1.170	0.0200	1.165	0.1124	0.0437	18	0.05	0%	0
033.00	Salt as chloride, Sol Cl (%)	0674	1.180	0.0000	1.165	0.1124	0.0437	18	0.13	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.00	Salt as chloride, Sol Cl (%)	2337	1.200	0.0000	1.165	0.1124	0.0437	18	0.31	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.215	0.0300	1.165	0.1124	0.0437	18	0.45	2%	0
033.00	Salt as chloride, Sol Cl (%)	2190	1.215	0.0114	1.165	0.1124	0.0437	18	0.45	2%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.230	0.0200	1.165	0.1124	0.0437	18	0.58	3%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.260	0.0400	1.165	0.1124	0.0437	18	0.85	4%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.285	0.0900	1.165	0.1124	0.0437	18	1.07	5%	0
033.00	Salt as chloride, Sol Cl (%)	0921	1.300	0.0430	1.165	0.1124	0.0437	18	1.20	6%	0
033.00	Salt as chloride, Sol Cl (%)	2076	1.317	0.0670	1.165	0.1124	0.0437	18	1.35	7%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.5155	0.0050	1.211	0.0270	0.0227	25	-25.81	29%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.179	0.0160	1.211	0.0270	0.0227	25	-1.19	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.180	0.0200	1.211	0.0270	0.0227	25	-1.15	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.185	0.0700	1.211	0.0270	0.0227	25	-0.97	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.190	0.0200	1.211	0.0270	0.0227	25	-0.78	1%	0
033.01	Salt as chloride, Poten Cl (%)	0003	1.200	0.0000	1.211	0.0270	0.0227	25	-0.41	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.200	0.0200	1.211	0.0270	0.0227	25	-0.41	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.200	0.0000	1.211	0.0270	0.0227	25	-0.41	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.203	0.0000	1.211	0.0270	0.0227	25	-0.30	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.205	0.0100	1.211	0.0270	0.0227	25	-0.23	0%	0
033.01	Salt as chloride, Poten Cl (%)	0028	1.205	0.0100	1.211	0.0270	0.0227	25	-0.23	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.205	0.0100	1.211	0.0270	0.0227	25	-0.23	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.205	0.0100	1.211	0.0270	0.0227	25	-0.23	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.210	0.0200	1.211	0.0270	0.0227	25	-0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.210	0.0400	1.211	0.0270	0.0227	25	-0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.210	0.0200	1.211	0.0270	0.0227	25	-0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	2375	1.210	0.0200	1.211	0.0270	0.0227	25	-0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.215	0.0100	1.211	0.0270	0.0227	25	0.14	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.219	0.0140	1.211	0.0270	0.0227	25	0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.220	0.0800	1.211	0.0270	0.0227	25	0.33	0%	0
033.01	Salt as chloride, Poten Cl (%)	2268	1.250	0.0400	1.211	0.0270	0.0227	25	1.44	2%	0
033.01	Salt as chloride, Poten Cl (%)	2319	1.271	0.0300	1.211	0.0270	0.0227	25	2.22	2%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.275	0.0100	1.211	0.0270	0.0227	25	2.37	3%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.313	0.0010	1.211	0.0270	0.0227	25	3.76	4%	0
033.01	Salt as chloride, Poten Cl (%)	0682	2.340	0.0000	1.211	0.0270	0.0227	25	41.88	47%	0
033.03	Salt as chloride, Quantab (%)	0190	0.4900	0.0600	0.6213	0.2014	0.1025	4			0
033.03	Salt as chloride, Quantab (%)	0726	0.4900	0.0600	0.6213	0.2014	0.1025	4			0
033.03	Salt as chloride, Quantab (%)	0505	0.5900	0.0200	0.6213	0.2014	0.1025	4			0
033.03	Salt as chloride, Quantab (%)	0144	0.9150	0.2700	0.6213	0.2014	0.1025	4			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.185	0.0100				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0039	1.200	0.0000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2434	1.207	0.0230				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	1.040	0.0000				3			2
033.99	Salt, Miscellaneous (%)	0536	0.9050	0.0100	1.192	0.1433	0.0399	9	-2.00	12%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.99	Salt, Miscellaneous (%)	2246	1.030	0.0200	1.192	0.1433	0.0399	9	-1.13	7%	0
033.99	Salt, Miscellaneous (%)	0208	1.160	0.0000	1.192	0.1433	0.0399	9	-0.23	1%	0
033.99	Salt, Miscellaneous (%)	2181	1.165	0.0100	1.192	0.1433	0.0399	9	-0.19	1%	0
033.99	Salt, Miscellaneous (%)	2326	1.190	0.0000	1.192	0.1433	0.0399	9	-0.02	0%	0
033.99	Salt, Miscellaneous (%)	0650	1.245	0.0900	1.192	0.1433	0.0399	9	0.37	2%	0
033.99	Salt, Miscellaneous (%)	0017	1.301	0.0102	1.192	0.1433	0.0399	9	0.76	5%	0
033.99	Salt, Miscellaneous (%)	0358	1.320	0.0800	1.192	0.1433	0.0399	9	0.89	5%	0
033.99	Salt, Miscellaneous (%)	0027	1.343	0.0590	1.192	0.1433	0.0399	9	1.05	6%	0
034.01	Selenium, Total (Se), Fluor (ppm)	0038	1.430	0.0800				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.8260	0.0460	1.230	0.2997	0.0740	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	1.179	0.2001	1.230	0.2997	0.0740	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	1.450	0.0400	1.230	0.2997	0.0740	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0171	1.465	0.0100	1.230	0.2997	0.0740	4			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	1.400	0.0800				1			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0096	< 20					0			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	1.031	0.0750				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2445	1.285	0.0500				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0629	2.025	0.0700				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					3			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0208	1.590	0.0000				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0047	1.950	0.0200				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	2.400	0.0400				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0096	1.654	0.2275				3			1
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	1.117	0.0357	1.507	0.3046	0.1726	7	-1.28	13%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	1.295	0.0100	1.507	0.3046	0.1726	7	-0.70	7%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	1.450	0.3779	1.507	0.3046	0.1726	7	-0.19	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0610	1.515	0.1300	1.507	0.3046	0.1726	7	0.03	0%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0560	1.553	0.1638	1.507	0.3046	0.1726	7	0.15	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0027	1.655	0.2710	1.507	0.3046	0.1726	7	0.48	5%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0939	2.150	0.2200	1.507	0.3046	0.1726	7	2.11	21%	0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	1.730	0.0000				1			0
035.01	Sodium, Ion-selective electrode (%)	2188	0.5700	0.0000				2			0
035.01	Sodium, Ion-selective electrode (%)	2434	0.5840	0.0040				2			0
035.02	Sodium, Em Spect (%)	0884	0.5250	0.0100				1			0
035.31	Sodium, AAS, Dry ash (%)	0529	0.4325	0.0030	0.5217	0.0407	0.0127	11	-2.19	9%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.4555	0.0090	0.5217	0.0407	0.0127	11	-1.63	6%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.5000	0.0000	0.5217	0.0407	0.0127	11	-0.53	2%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.5146	0.0124	0.5217	0.0407	0.0127	11	-0.18	1%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.5200	0.0000	0.5217	0.0407	0.0127	11	-0.04	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.5240	0.0040	0.5217	0.0407	0.0127	11	0.06	0%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.5400	0.0200	0.5217	0.0407	0.0127	11	0.45	2%	0
035.31	Sodium, AAS, Dry ash (%)	0722	0.5457	0.0344	0.5217	0.0407	0.0127	11	0.59	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.31	Sodium, AAS, Dry ash (%)	0563	0.5535	0.0095	0.5217	0.0407	0.0127	11	0.78	3%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.5550	0.0120	0.5217	0.0407	0.0127	11	0.82	3%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.5650	0.0100	0.5217	0.0407	0.0127	11	1.06	4%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.5450	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	0066	0.4995	0.0130	0.5298	0.0236	0.0161	19	-1.28	3%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.5000	0.0200	0.5298	0.0236	0.0161	19	-1.26	3%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.5050	0.0100	0.5298	0.0236	0.0161	19	-1.05	2%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.5100	0.0400	0.5298	0.0236	0.0161	19	-0.84	2%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.5155	0.0010	0.5298	0.0236	0.0161	19	-0.60	1%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.5200	0.0000	0.5298	0.0236	0.0161	19	-0.41	1%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.5200	0.0400	0.5298	0.0236	0.0161	19	-0.41	1%	0
035.41	Sodium, ICP, Dry ash (%)	0674	0.5200	0.0000	0.5298	0.0236	0.0161	19	-0.41	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.5240	0.0142	0.5298	0.0236	0.0161	19	-0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.5250	0.0500	0.5298	0.0236	0.0161	19	-0.20	0%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.5250	0.0100	0.5298	0.0236	0.0161	19	-0.20	0%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.5350	0.0100	0.5298	0.0236	0.0161	19	0.22	0%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.5391	0.0007	0.5298	0.0236	0.0161	19	0.39	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.5395	0.0050	0.5298	0.0236	0.0161	19	0.41	1%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.5435	0.0110	0.5298	0.0236	0.0161	19	0.58	1%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.5545	0.0150	0.5298	0.0236	0.0161	19	1.05	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.5600	0.0200	0.5298	0.0236	0.0161	19	1.28	3%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.5730	0.0040	0.5298	0.0236	0.0161	19	1.83	4%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.5850	0.0100	0.5298	0.0236	0.0161	19	2.34	5%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.5065	0.0110	0.5313	0.0232	0.0168	15	-1.07	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.5100	0.0000	0.5313	0.0232	0.0168	15	-0.92	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.5140	0.0160	0.5313	0.0232	0.0168	15	-0.75	2%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.5145	0.0390	0.5313	0.0232	0.0168	15	-0.72	2%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.5150	0.0100	0.5313	0.0232	0.0168	15	-0.70	2%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.5165	0.0010	0.5313	0.0232	0.0168	15	-0.64	1%	0
035.42	Sodium, ICP, Open vessel (%)	0096	0.5207	0.0310	0.5313	0.0232	0.0168	15	-0.46	1%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.5250	0.0100	0.5313	0.0232	0.0168	15	-0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.5307	0.0176	0.5313	0.0232	0.0168	15	-0.02	0%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.5391	0.0121	0.5313	0.0232	0.0168	15	0.34	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.5400	0.0000	0.5313	0.0232	0.0168	15	0.38	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.5450	0.0300	0.5313	0.0232	0.0168	15	0.59	1%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.5600	0.0000	0.5313	0.0232	0.0168	15	1.24	3%	0
035.42	Sodium, ICP, Open vessel (%)	2375	0.5800	0.0000	0.5313	0.0232	0.0168	15	2.10	5%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.5876	0.0067	0.5313	0.0232	0.0168	15	2.43	5%	0
035.43	Sodium, ICP, Microwave (%)	0511	0.4900	0.0200	0.5565	0.0294	0.0144	23	-2.26	6%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.5117	0.0040	0.5565	0.0294	0.0144	23	-1.52	4%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.5280	0.0040	0.5565	0.0294	0.0144	23	-0.97	3%	0
035.43	Sodium, ICP, Microwave (%)	0876	0.5292	0.0398	0.5565	0.0294	0.0144	23	-0.93	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.43	Sodium, ICP, Microwave (%)	0968	0.5325	0.0010	0.5565	0.0294	0.0144	23	-0.82	2%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.5350	0.0100	0.5565	0.0294	0.0144	23	-0.73	2%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.5400	0.0000	0.5565	0.0294	0.0144	23	-0.56	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.5400	0.0200	0.5565	0.0294	0.0144	23	-0.56	1%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.5400	0.0200	0.5565	0.0294	0.0144	23	-0.56	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.5455	0.0090	0.5565	0.0294	0.0144	23	-0.37	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.5550	0.0100	0.5565	0.0294	0.0144	23	-0.05	0%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.5581	0.0150	0.5565	0.0294	0.0144	23	0.06	0%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.5634	0.0384	0.5565	0.0294	0.0144	23	0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.5650	0.0100	0.5565	0.0294	0.0144	23	0.29	1%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.5700	0.0000	0.5565	0.0294	0.0144	23	0.46	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.5700	0.0000	0.5565	0.0294	0.0144	23	0.46	1%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.5725	0.0050	0.5565	0.0294	0.0144	23	0.55	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.5737	0.0006	0.5565	0.0294	0.0144	23	0.59	2%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.5800	0.0000	0.5565	0.0294	0.0144	23	0.80	2%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.5850	0.0100	0.5565	0.0294	0.0144	23	0.97	3%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.5935	0.0010	0.5565	0.0294	0.0144	23	1.26	3%	0
035.43	Sodium, ICP, Microwave (%)	0875	0.5970	0.0060	0.5565	0.0294	0.0144	23	1.38	4%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.6250	0.0500	0.5565	0.0294	0.0144	23	2.33	6%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.5965	0.1310	0.5565	0.0294	0.0144	23	1.36	4%	1
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.5008	0.0101				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0096	0.5644	0.0474				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.5881	0.0027				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.3545	0.0030				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.5150	0.0700				2			0
035.99	Sodium, Miscellaneous (%)	0889	0.4000	0.0000	0.5125	0.0758	0.0200	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.5350	0.0100	0.5125	0.0758	0.0200	4			0
035.99	Sodium, Miscellaneous (%)	0590	0.5550	0.0300	0.5125	0.0758	0.0200	4			0
035.99	Sodium, Miscellaneous (%)	0123	0.5600	0.0200	0.5125	0.0758	0.0200	4			0
036.04	Sulfur, LECO (%)	0226	0.4150	0.0100				3			0
036.04	Sulfur, LECO (%)	0148	0.4155	0.0290				3			0
036.04	Sulfur, LECO (%)	0948	0.4161	0.0014				3			0
036.04	Sulfur, LECO (%)	0229	0.5300	0.0800				3			2
036.42	Sulfur, ICP, Open vessel (%)	0171	0.2350	0.0300	0.3986	0.0352	0.0116	15	-4.65	21%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3495	0.0130	0.3986	0.0352	0.0116	15	-1.40	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0096	0.3709	0.0131	0.3986	0.0352	0.0116	15	-0.79	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3750	0.0100	0.3986	0.0352	0.0116	15	-0.67	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3801	0.0264	0.3986	0.0352	0.0116	15	-0.53	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3900	0.0200	0.3986	0.0352	0.0116	15	-0.25	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.3955	0.0003	0.3986	0.0352	0.0116	15	-0.09	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.3983	0.0020	0.3986	0.0352	0.0116	15	-0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.4000	0.0000	0.3986	0.0352	0.0116	15	0.04	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
036.42	Sulfur, ICP, Open vessel (%)	0164	0.4100	0.0000	0.3986	0.0352	0.0116	15	0.32	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.4250	0.0100	0.3986	0.0352	0.0116	15	0.75	3%	0
036.42	Sulfur, ICP, Open vessel (%)	2375	0.4250	0.0100	0.3986	0.0352	0.0116	15	0.75	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.4276	0.0047	0.3986	0.0352	0.0116	15	0.82	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.4355	0.0050	0.3986	0.0352	0.0116	15	1.05	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.4730	0.0060	0.3986	0.0352	0.0116	15	2.11	9%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	354.5	15.20	0.3986	0.0352	0.0116	15	>100	44414%	2
036.43	Sulfur, ICP, Microwave (%)	0083	0.3395	0.0070	0.4297	0.0220	0.0146	14	-4.10	10%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3900	0.0000	0.4297	0.0220	0.0146	14	-1.81	5%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.4060	0.0120	0.4297	0.0220	0.0146	14	-1.08	3%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.4203	0.0167	0.4297	0.0220	0.0146	14	-0.43	1%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.4271	0.0107	0.4297	0.0220	0.0146	14	-0.12	0%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.4300	0.0200	0.4297	0.0220	0.0146	14	0.01	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.4300	0.0000	0.4297	0.0220	0.0146	14	0.01	0%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.4300	0.0400	0.4297	0.0220	0.0146	14	0.01	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.4339	0.0096	0.4297	0.0220	0.0146	14	0.19	0%	0
036.43	Sulfur, ICP, Microwave (%)	0668	0.4400	0.0000	0.4297	0.0220	0.0146	14	0.47	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.4450	0.0100	0.4297	0.0220	0.0146	14	0.70	2%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.4500	0.0000	0.4297	0.0220	0.0146	14	0.92	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.4550	0.0100	0.4297	0.0220	0.0146	14	1.15	3%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.4550	0.0100	0.4297	0.0220	0.0146	14	1.15	3%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.4260	0.0042				1			0
036.99	Sulfur, Miscellaneous (%)	0889	0.3300	0.0000				2			0
036.99	Sulfur, Miscellaneous (%)	0123	0.4500	0.0200				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	282.0	1.700	314.1	21.55	10.54	14	-1.49	5%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	290.0	5.765	314.1	21.55	10.54	14	-1.12	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	296.0	11.60	314.1	21.55	10.54	14	-0.84	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	297.5	15.00	314.1	21.55	10.54	14	-0.77	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0629	300.0	0.0000	314.1	21.55	10.54	14	-0.65	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2195	306.9	11.20	314.1	21.55	10.54	14	-0.34	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	312.6	2.870	314.1	21.55	10.54	14	-0.07	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	314.4	0.0000	314.1	21.55	10.54	14	0.01	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0884	328.0	2.800	314.1	21.55	10.54	14	0.65	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0208	331.0	30.00	314.1	21.55	10.54	14	0.78	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	331.8	3.120	314.1	21.55	10.54	14	0.82	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0722	332.6	7.345	314.1	21.55	10.54	14	0.86	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	335.2	17.06	314.1	21.55	10.54	14	0.98	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0921	339.5	18.03	314.1	21.55	10.54	14	1.18	4%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	343.0	22.00				1			0
037.33	Zinc, AAS, Microwave (ppm)	0948	313.3	9.230				2			0
037.33	Zinc, AAS, Microwave (ppm)	0010	342.1	16.40				2			0
037.34	Zinc, AAS, Dry ash (ppm)	2188	316.4	0.2300				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.41	Zinc, ICP, Dry ash (ppm)	0848	283.8	4.209	320.0	25.20	12.13	16	-1.44	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	290.4	13.80	320.0	25.20	12.13	16	-1.17	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	300.0	8.280	320.0	25.20	12.13	16	-0.80	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	300.6	0.0500	320.0	25.20	12.13	16	-0.77	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	309.8	2.900	320.0	25.20	12.13	16	-0.41	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	310.6	1.600	320.0	25.20	12.13	16	-0.37	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	311.1	0.8335	320.0	25.20	12.13	16	-0.35	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	311.3	44.30	320.0	25.20	12.13	16	-0.35	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0208	315.3	7.900	320.0	25.20	12.13	16	-0.19	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	318.0	8.000	320.0	25.20	12.13	16	-0.08	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	332.1	1.392	320.0	25.20	12.13	16	0.48	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	343.4	6.380	320.0	25.20	12.13	16	0.93	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	343.9	47.70	320.0	25.20	12.13	16	0.95	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	344.6	0.0000	320.0	25.20	12.13	16	0.98	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	347.8	15.60	320.0	25.20	12.13	16	1.10	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	373.3	18.99	320.0	25.20	12.13	16	2.11	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	0.4300	0.0000	312.4	30.06	11.07	15	-10.38	50%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	279.6	9.800	312.4	30.06	11.07	15	-1.09	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	280.0	24.00	312.4	30.06	11.07	15	-1.08	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0096	293.1	36.07	312.4	30.06	11.07	15	-0.64	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	296.9	4.860	312.4	30.06	11.07	15	-0.52	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	302.5	13.00	312.4	30.06	11.07	15	-0.33	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	304.1	3.710	312.4	30.06	11.07	15	-0.27	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	310.0	6.000	312.4	30.06	11.07	15	-0.08	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	323.0	22.00	312.4	30.06	11.07	15	0.35	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	325.3	12.70	312.4	30.06	11.07	15	0.43	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	328.7	11.86	312.4	30.06	11.07	15	0.54	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	329.5	1.412	312.4	30.06	11.07	15	0.57	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	344.0	4.000	312.4	30.06	11.07	15	1.05	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	344.5	2.900	312.4	30.06	11.07	15	1.07	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	393.9	2.700	312.4	30.06	11.07	15	2.71	13%	0
037.42	Zinc, ICP, Open vessel (ppm)	2375	432.5	75.00	312.4	30.06	11.07	15	4.00	19%	1
037.43	Zinc, ICP, Microwave (ppm)	0511	285.0	26.00	335.5	22.85	11.24	28	-2.21	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	300.7	0.4356	335.5	22.85	11.24	28	-1.52	5%	0
037.43	Zinc, ICP, Microwave (ppm)	2445	303.9	8.590	335.5	22.85	11.24	28	-1.38	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0629	307.0	2.000	335.5	22.85	11.24	28	-1.25	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	310.5	7.000	335.5	22.85	11.24	28	-1.09	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0668	319.6	15.82	335.5	22.85	11.24	28	-0.69	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	320.5	1.000	335.5	22.85	11.24	28	-0.65	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	322.3	12.50	335.5	22.85	11.24	28	-0.58	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	327.9	2.300	335.5	22.85	11.24	28	-0.33	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	328.1	21.24	335.5	22.85	11.24	28	-0.32	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.43	Zinc, ICP, Microwave (ppm)	0083	329.5	3.060	335.5	22.85	11.24	28	-0.26	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	330.0	18.06	335.5	22.85	11.24	28	-0.24	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	330.8	9.400	335.5	22.85	11.24	28	-0.20	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	335.3	28.23	335.5	22.85	11.24	28	-0.01	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	337.5	25.00	335.5	22.85	11.24	28	0.09	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	337.7	0.0000	335.5	22.85	11.24	28	0.10	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	341.0	2.000	335.5	22.85	11.24	28	0.24	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	342.0	10.00	335.5	22.85	11.24	28	0.29	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	343.6	3.900	335.5	22.85	11.24	28	0.35	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	347.9	8.100	335.5	22.85	11.24	28	0.54	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	349.8	3.390	335.5	22.85	11.24	28	0.63	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0875	351.5	15.00	335.5	22.85	11.24	28	0.70	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0876	354.7	7.645	335.5	22.85	11.24	28	0.84	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	355.3	3.934	335.5	22.85	11.24	28	0.87	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	361.5	19.00	335.5	22.85	11.24	28	1.14	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	363.5	5.000	335.5	22.85	11.24	28	1.23	4%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	379.5	37.00	335.5	22.85	11.24	28	1.93	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	383.0	8.000	335.5	22.85	11.24	28	2.08	7%	0
037.44	Zinc, ICP, Dry ash (ppm)	0066	222.7	6.454				2			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	296.0	0.0000				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0096	319.8	20.37				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	331.5	3.000				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	351.6	33.03				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	196.9	7.006				1			0
037.99	Zinc, Miscellaneous (ppm)	0889	316.3	60.97	331.2	18.62	34.39	4			0
037.99	Zinc, Miscellaneous (ppm)	0590	319.0	0.0000	331.2	18.62	34.39	4			0
037.99	Zinc, Miscellaneous (ppm)	2144	332.7	14.20	331.2	18.62	34.39	4			0
037.99	Zinc, Miscellaneous (ppm)	0100	357.0	28.00	331.2	18.62	34.39	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	2.465	0.1500				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	2.707	0.0104				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	2.875	0.0100				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0096	2.961	0.1470				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	3.115	0.2700				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	3.160	0.0600				3			0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	1.720	0.1600	2.709	0.5848	0.1862	8	-1.69	18%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	2.231	0.0261	2.709	0.5848	0.1862	8	-0.82	9%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	2.340	0.6200	2.709	0.5848	0.1862	8	-0.63	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	2.850	0.3000	2.709	0.5848	0.1862	8	0.24	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	2.899	0.0037	2.709	0.5848	0.1862	8	0.32	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	3.110	0.1600	2.709	0.5848	0.1862	8	0.69	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0964	3.110	0.0200	2.709	0.5848	0.1862	8	0.69	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	3.300	0.2000	2.709	0.5848	0.1862	8	1.01	11%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	2.530	0.0200				2			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0096	3.186	0.2733				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	1.927	0.0223				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0939	2.705	0.6100				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	3.075	0.0100				3			0
038.99	Molybdenum, Miscellaneous (ppm)	0123	3.045	0.0700				1			0
040.52	Barium, ICP-MS, Open vessel (ppm)	0096	20.80	1.474				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	15.07	0.0536				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	1.328	0.0519				1			0
042.00	Chloride, Titrimetric (%)	2326	0.7200	0.0000				3			0
042.00	Chloride, Titrimetric (%)	0948	0.7300	0.0000				3			0
042.00	Chloride, Titrimetric (%)	0629	0.7400	0.0000				3			0
042.00	Chloride, Titrimetric (%)	0226	0.7300	0.0200				3			1
042.01	Chloride, Ion-selective electrode (%)	2434	0.7310	0.0140				1			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	1,120	20.00				1			0
102.01	Niacin, Microbiological (ppm)	0227	102.0	0.0000				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	17.95	0.1000				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	3.700	0.0600				1			0
104.03	Riboflavin, LC (ppm)	2319	3.430	0.1800				1			0
105.00	Thiamine, LC (ppm)	2319	5.825	0.1900				2			0
105.00	Thiamine, LC (ppm)	2394	12.63	0.7400				2			0
105.01	Thiamine, Fluorometer (ppm)	0227	12.10	0.8000				1			0
106.00	Vitamin A, Color (KU / kg)	0227	14.90	3.400				1			0
106.01	Vitamin A, UV (KU / kg)	0098	11.74	4.730				1			0
106.02	Vitamin A, LC (KU / kg)	0004	7.915	0.9300	13.35	4.106	1.557	10	-1.32	20%	0
106.02	Vitamin A, LC (KU / kg)	0921	9.685	0.0500	13.35	4.106	1.557	10	-0.89	14%	0
106.02	Vitamin A, LC (KU / kg)	2319	10.75	0.7000	13.35	4.106	1.557	10	-0.63	10%	0
106.02	Vitamin A, LC (KU / kg)	0027	11.26	0.6000	13.35	4.106	1.557	10	-0.51	8%	0
106.02	Vitamin A, LC (KU / kg)	0563	12.09	0.5917	13.35	4.106	1.557	10	-0.30	5%	0
106.02	Vitamin A, LC (KU / kg)	0010	13.60	4.800	13.35	4.106	1.557	10	0.06	1%	0
106.02	Vitamin A, LC (KU / kg)	0610	15.60	1.200	13.35	4.106	1.557	10	0.55	8%	0
106.02	Vitamin A, LC (KU / kg)	0689	16.10	1.600	13.35	4.106	1.557	10	0.67	10%	0
106.02	Vitamin A, LC (KU / kg)	0038	17.20	3.400	13.35	4.106	1.557	10	0.94	14%	0
106.02	Vitamin A, LC (KU / kg)	2103	19.25	1.700	13.35	4.106	1.557	10	1.44	22%	0
106.02	Vitamin A, LC (KU / kg)	0017	18.40	9.200	13.35	4.106	1.557	10	1.23	19%	1
108.02	Vitamin D3, LC (KU / kg)	0208	1.750	0.2200	2.206	0.5442	0.7665	4			0
108.02	Vitamin D3, LC (KU / kg)	0227	1.965	0.1300	2.206	0.5442	0.7665	4			0
108.02	Vitamin D3, LC (KU / kg)	0870	2.118	1.756	2.206	0.5442	0.7665	4			0
108.02	Vitamin D3, LC (KU / kg)	2319	2.990	0.9600	2.206	0.5442	0.7665	4			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	1.330	0.5400				2			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0160	2.190	1.040				2			0
109.02	Vitamin E, LC (IU / kg)	0098	122.5	15.00	282.1	114.3	29.31	13	-1.40	28%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
109.02	Vitamin E, LC (IU / kg)	0921	135.0	0.1000	282.1	114.3	29.31	13	-1.29	26%	0
109.02	Vitamin E, LC (IU / kg)	2319	193.0	0.0000	282.1	114.3	29.31	13	-0.78	16%	0
109.02	Vitamin E, LC (IU / kg)	0027	266.0	4.360	282.1	114.3	29.31	13	-0.14	3%	0
109.02	Vitamin E, LC (IU / kg)	0038	269.0	80.00	282.1	114.3	29.31	13	-0.11	2%	0
109.02	Vitamin E, LC (IU / kg)	0610	271.5	17.00	282.1	114.3	29.31	13	-0.09	2%	0
109.02	Vitamin E, LC (IU / kg)	0563	272.8	40.19	282.1	114.3	29.31	13	-0.08	2%	0
109.02	Vitamin E, LC (IU / kg)	0208	276.1	29.16	282.1	114.3	29.31	13	-0.05	1%	0
109.02	Vitamin E, LC (IU / kg)	2103	285.3	1.400	282.1	114.3	29.31	13	0.03	1%	0
109.02	Vitamin E, LC (IU / kg)	2188	303.6	0.0000	282.1	114.3	29.31	13	0.19	4%	0
109.02	Vitamin E, LC (IU / kg)	0590	365.5	35.00	282.1	114.3	29.31	13	0.73	15%	0
109.02	Vitamin E, LC (IU / kg)	0227	485.7	8.940	282.1	114.3	29.31	13	1.78	36%	0
109.02	Vitamin E, LC (IU / kg)	0870	639.6	91.24	282.1	114.3	29.31	13	3.13	63%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	268.5	5.000				3			0
109.99	Vitamin E, Miscellaneous (IU / kg)	0096	298.3	21.47				3			0
109.99	Vitamin E, Miscellaneous (IU / kg)	0160	450.0	2.000				3			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	55.70	1.000				1			0
112.01	Pyridoxine, LC (µg / g)	0227	5.435	0.0900				1			0
113.01	Folic Acid, Micro (ppm)	0227	1.995	0.0100				1			0
114.01	Biotin, Microbiological (ppm)	0227	2.740	0.0200				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0407	0.1950	0.0300				2			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	0.8050	0.0100				2			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.6550	0.0100	0.7083	0.0107	0.0113	13	-4.99	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.6870	0.0040	0.7083	0.0107	0.0113	13	-2.00	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.7030	0.0000	0.7083	0.0107	0.0113	13	-0.50	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.7050	0.0100	0.7083	0.0107	0.0113	13	-0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.7050	0.0000	0.7083	0.0107	0.0113	13	-0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.7065	0.0170	0.7083	0.0107	0.0113	13	-0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.7085	0.0095	0.7083	0.0107	0.0113	13	0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.7100	0.0000	0.7083	0.0107	0.0113	13	0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.7100	0.0200	0.7083	0.0107	0.0113	13	0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.7150	0.0100	0.7083	0.0107	0.0113	13	0.63	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.7170	0.0000	0.7083	0.0107	0.0113	13	0.82	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.7190	0.0000	0.7083	0.0107	0.0113	13	1.00	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.7381	0.0099	0.7083	0.0107	0.0113	13	2.79	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.7100	0.0400	0.7083	0.0107	0.0113	13	0.16	0%	1
120.02	Alanine, Post-col OPA Der (%)	0098	0.7175	0.0050				1			0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.6450	0.0060	0.6953	0.0239	0.0160	9	-2.11	4%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.6800	0.0200	0.6953	0.0239	0.0160	9	-0.64	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.6850	0.0100	0.6953	0.0239	0.0160	9	-0.43	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.6880	0.0200	0.6953	0.0239	0.0160	9	-0.31	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.6940	0.0000	0.6953	0.0239	0.0160	9	-0.05	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.6950	0.0100	0.6953	0.0239	0.0160	9	-0.01	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
120.05	Alanine, Pre-col AQC Der (%)	2196	0.7100	0.0000	0.6953	0.0239	0.0160	9	0.62	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.7150	0.0300	0.6953	0.0239	0.0160	9	0.83	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2195	0.7500	0.0000	0.6953	0.0239	0.0160	9	2.29	4%	0
120.99	Alanine, Miscellaneous (%)	0889	0.6400	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	2144	0.7100	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	0227	0.7200	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	0160	0.6835	0.0230				3			1
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	0.9150	0.0100	0.9794	0.0433	0.0138	14	-1.49	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.9300	0.0200	0.9794	0.0433	0.0138	14	-1.14	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.9350	0.0100	0.9794	0.0433	0.0138	14	-1.03	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	0.9500	0.0100	0.9794	0.0433	0.0138	14	-0.68	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.9640	0.0000	0.9794	0.0433	0.0138	14	-0.36	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.9676	0.0302	0.9794	0.0433	0.0138	14	-0.27	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.9750	0.0100	0.9794	0.0433	0.0138	14	-0.10	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.9900	0.0000	0.9794	0.0433	0.0138	14	0.24	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.9910	0.0180	0.9794	0.0433	0.0138	14	0.27	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.000	0.0200	0.9794	0.0433	0.0138	14	0.48	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.011	0.0020	0.9794	0.0433	0.0138	14	0.73	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.018	0.0000	0.9794	0.0433	0.0138	14	0.89	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.021	0.0100	0.9794	0.0433	0.0138	14	0.96	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.084	0.0119	0.9794	0.0433	0.0138	14	2.42	5%	0
121.02	Arginine, Post-col OPA Der (%)	0098	0.9665	0.0310				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.8650	0.0500	0.9900	0.0693	0.0708	9	-1.80	6%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.9330	0.0000	0.9900	0.0693	0.0708	9	-0.82	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.9530	0.0940	0.9900	0.0693	0.0708	9	-0.53	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	0.9800	0.0000	0.9900	0.0693	0.0708	9	-0.14	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.000	0.0800	0.9900	0.0693	0.0708	9	0.14	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	1.000	0.0800	0.9900	0.0693	0.0708	9	0.14	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.029	0.0000	0.9900	0.0693	0.0708	9	0.56	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	1.035	0.0500	0.9900	0.0693	0.0708	9	0.65	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2195	1.100	0.0000	0.9900	0.0693	0.0708	9	1.59	6%	0
121.99	Arginine, Miscellaneous (%)	0889	0.8000	0.0200				3			0
121.99	Arginine, Miscellaneous (%)	0227	0.9750	0.0100				3			0
121.99	Arginine, Miscellaneous (%)	2144	0.9800	0.0000				3			0
121.99	Arginine, Miscellaneous (%)	0160	1.016	0.1880				3			1
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.084	0.0000	1.150	0.0417	0.0217	14	-1.58	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.095	0.0100	1.150	0.0417	0.0217	14	-1.31	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.115	0.0100	1.150	0.0417	0.0217	14	-0.83	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.121	0.0010	1.150	0.0417	0.0217	14	-0.70	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.147	0.0386	1.150	0.0417	0.0217	14	-0.08	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.150	0.0200	1.150	0.0417	0.0217	14	0.01	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.152	0.0000	1.150	0.0417	0.0217	14	0.05	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.155	0.0100	1.150	0.0417	0.0217	14	0.13	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.155	0.0300	1.150	0.0417	0.0217	14	0.13	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.156	0.0000	1.150	0.0417	0.0217	14	0.15	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.165	0.0300	1.150	0.0417	0.0217	14	0.37	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.178	0.0216	1.150	0.0417	0.0217	14	0.67	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.210	0.0170	1.150	0.0417	0.0217	14	1.43	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.215	0.0500	1.150	0.0417	0.0217	14	1.57	3%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.172	0.0260				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	0.9630	0.0300	1.108	0.0926	0.0400	9	-1.57	7%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.016	0.0000	1.108	0.0926	0.0400	9	-1.00	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	1.050	0.0800	1.108	0.0926	0.0400	9	-0.63	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	2195	1.130	0.0000	1.108	0.0926	0.0400	9	0.23	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.135	0.0100	1.108	0.0926	0.0400	9	0.29	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.135	0.0300	1.108	0.0926	0.0400	9	0.29	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.140	0.0000	1.108	0.0926	0.0400	9	0.34	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.165	0.0000	1.108	0.0926	0.0400	9	0.61	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.235	0.0500	1.108	0.0926	0.0400	9	1.37	6%	0
122.99	Aspartic, Miscellaneous (%)	0889	0.9100	0.0200	1.089	0.1353	0.0167	4			0
122.99	Aspartic, Miscellaneous (%)	0160	1.060	0.0200	1.089	0.1353	0.0167	4			0
122.99	Aspartic, Miscellaneous (%)	0227	1.175	0.0100	1.089	0.1353	0.0167	4			0
122.99	Aspartic, Miscellaneous (%)	2144	1.210	0.0000	1.089	0.1353	0.0167	4			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.2500	0.0200	0.2753	0.0156	0.0085	15	-1.63	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.2565	0.0030	0.2753	0.0156	0.0085	15	-1.21	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.2630	0.0000	0.2753	0.0156	0.0085	15	-0.79	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.2632	0.0037	0.2753	0.0156	0.0085	15	-0.78	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.2680	0.0000	0.2753	0.0156	0.0085	15	-0.47	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.2695	0.0010	0.2753	0.0156	0.0085	15	-0.37	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.2741	0.0056	0.2753	0.0156	0.0085	15	-0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0939	0.2750	0.0100	0.2753	0.0156	0.0085	15	-0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2022	0.2750	0.0100	0.2753	0.0156	0.0085	15	-0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.2800	0.0000	0.2753	0.0156	0.0085	15	0.30	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.2850	0.0100	0.2753	0.0156	0.0085	15	0.62	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.2855	0.0010	0.2753	0.0156	0.0085	15	0.65	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.2900	0.0000	0.2753	0.0156	0.0085	15	0.94	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0619	0.2945	0.0190	0.2753	0.0156	0.0085	15	1.23	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.4150	0.0100	0.2753	0.0156	0.0085	15	8.98	25%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.2940	0.0000				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.1050	0.0100	0.2554	0.0818	0.0189	8	-1.84	29%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.1647	0.0258	0.2554	0.0818	0.0189	8	-1.11	18%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2635	0.0210	0.2554	0.0818	0.0189	8	0.10	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.2700	0.0000	0.2554	0.0818	0.0189	8	0.18	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.2800	0.0000	0.2554	0.0818	0.0189	8	0.30	5%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2860	0.0000	0.2554	0.0818	0.0189	8	0.37	6%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2195	0.2900	0.0000	0.2554	0.0818	0.0189	8	0.42	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.3560	0.0000	0.2554	0.0818	0.0189	8	1.23	20%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	0.2144	0.0030	0.2224	0.0120	0.0065	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2150	0.0100	0.2224	0.0120	0.0065	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2144	0.2200	0.0000	0.2224	0.0120	0.0065	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2400	0.0000	0.2224	0.0120	0.0065	4			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.315	0.0100	2.477	0.0941	0.0278	14	-1.72	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.368	0.0180	2.477	0.0941	0.0278	14	-1.16	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.395	0.0300	2.477	0.0941	0.0278	14	-0.87	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.430	0.0200	2.477	0.0941	0.0278	14	-0.50	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.446	0.0000	2.477	0.0941	0.0278	14	-0.33	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.449	0.0210	2.477	0.0941	0.0278	14	-0.30	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	2.450	0.0200	2.477	0.0941	0.0278	14	-0.28	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.495	0.0300	2.477	0.0941	0.0278	14	0.19	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.495	0.0100	2.477	0.0941	0.0278	14	0.19	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.506	0.0395	2.477	0.0941	0.0278	14	0.31	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.529	0.0000	2.477	0.0941	0.0278	14	0.55	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.555	0.0100	2.477	0.0941	0.0278	14	0.83	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.604	0.0400	2.477	0.0941	0.0278	14	1.35	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	2.626	0.0852	2.477	0.0941	0.0278	14	1.59	3%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.491	0.0420				1			0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.102	0.0000	2.413	0.1820	0.0248	8	-1.71	6%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.262	0.0440	2.413	0.1820	0.0248	8	-0.83	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	2.380	0.0200	2.413	0.1820	0.0248	8	-0.18	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	2.385	0.0300	2.413	0.1820	0.0248	8	-0.15	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	2.465	0.0100	2.413	0.1820	0.0248	8	0.28	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.503	0.0000	2.413	0.1820	0.0248	8	0.49	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2195	2.510	0.0000	2.413	0.1820	0.0248	8	0.53	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.660	0.0200	2.413	0.1820	0.0248	8	1.36	5%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	2.340	0.2000	2.413	0.1820	0.0248	8	-0.40	2%	1
125.99	Glutamic, Miscellaneous (%)	2144	2.405	0.0100				3			0
125.99	Glutamic, Miscellaneous (%)	0227	2.495	0.0100				3			0
125.99	Glutamic, Miscellaneous (%)	0889	2.650	0.0400				3			0
125.99	Glutamic, Miscellaneous (%)	0160	2.400	0.2200				3			1
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.7300	0.0000	0.7650	0.0198	0.0157	14	-1.76	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.7350	0.0000	0.7650	0.0198	0.0157	14	-1.51	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.7500	0.0000	0.7650	0.0198	0.0157	14	-0.75	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.7500	0.0200	0.7650	0.0198	0.0157	14	-0.75	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.7570	0.0060	0.7650	0.0198	0.0157	14	-0.40	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.7670	0.0080	0.7650	0.0198	0.0157	14	0.10	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.7690	0.0000	0.7650	0.0198	0.0157	14	0.20	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.7700	0.0000	0.7650	0.0198	0.0157	14	0.25	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.7700	0.0200	0.7650	0.0198	0.0157	14	0.25	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.7717	0.0376	0.7650	0.0198	0.0157	14	0.34	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.7760	0.0120	0.7650	0.0198	0.0157	14	0.56	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	0.7800	0.0000	0.7650	0.0198	0.0157	14	0.76	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.7835	0.0070	0.7650	0.0198	0.0157	14	0.94	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.015	0.0153	0.7650	0.0198	0.0157	14	12.59	16%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.7900	0.0600	0.7650	0.0198	0.0157	14	1.26	2%	1
126.02	Glycine, Post-col OPA Der (%)	0098	0.7845	0.0350				1			0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.7600	0.0000	0.8057	0.0403	0.0296	9	-1.13	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.7775	0.0070	0.8057	0.0403	0.0296	9	-0.70	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.7850	0.0100	0.8057	0.0403	0.0296	9	-0.51	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.7855	0.0110	0.8057	0.0403	0.0296	9	-0.50	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.7950	0.0500	0.8057	0.0403	0.0296	9	-0.26	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.7960	0.0000	0.8057	0.0403	0.0296	9	-0.24	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	0.8450	0.0700	0.8057	0.0403	0.0296	9	0.97	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.8470	0.0000	0.8057	0.0403	0.0296	9	1.02	3%	0
126.05	Glycine, Pre-col AQC Der (%)	2195	0.8600	0.0000	0.8057	0.0403	0.0296	9	1.35	3%	0
126.99	Glycine, Miscellaneous (%)	0227	0.7900	0.0000				2			0
126.99	Glycine, Miscellaneous (%)	2144	0.8200	0.0000				2			0
126.99	Glycine, Miscellaneous (%)	0160	0.7940	0.0360				2			1
126.99	Glycine, Miscellaneous (%)	0889	0.2800	0.0000				2			2
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3400	0.0000	0.3642	0.0187	0.0091	15	-1.29	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3450	0.0100	0.3642	0.0187	0.0091	15	-1.03	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.3500	0.0060	0.3642	0.0187	0.0091	15	-0.76	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.3540	0.0000	0.3642	0.0187	0.0091	15	-0.54	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.3550	0.0100	0.3642	0.0187	0.0091	15	-0.49	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.3565	0.0061	0.3642	0.0187	0.0091	15	-0.41	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.3585	0.0010	0.3642	0.0187	0.0091	15	-0.30	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3600	0.0040	0.3642	0.0187	0.0091	15	-0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.3600	0.0000	0.3642	0.0187	0.0091	15	-0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.3680	0.0000	0.3642	0.0187	0.0091	15	0.21	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.3700	0.0000	0.3642	0.0187	0.0091	15	0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.3710	0.0050	0.3642	0.0187	0.0091	15	0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.3900	0.0000	0.3642	0.0187	0.0091	15	1.38	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.4110	0.0200	0.3642	0.0187	0.0091	15	2.51	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.4300	0.0200	0.3642	0.0187	0.0091	15	3.53	9%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.3480	0.0120				1			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.3050	0.0300	0.3534	0.0366	0.0153	9	-1.32	7%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.3185	0.0190	0.3534	0.0366	0.0153	9	-0.95	5%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.3405	0.0130	0.3534	0.0366	0.0153	9	-0.35	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.3430	0.0000	0.3534	0.0366	0.0153	9	-0.28	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
127.05	Histidine, Pre-col AQC Der (%)	2195	0.3500	0.0000	0.3534	0.0366	0.0153	9	-0.09	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.3550	0.0100	0.3534	0.0366	0.0153	9	0.04	0%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.3750	0.0100	0.3534	0.0366	0.0153	9	0.59	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.3850	0.0100	0.3534	0.0366	0.0153	9	0.87	4%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.5080	0.0000	0.3534	0.0366	0.0153	9	4.23	22%	0
127.99	Histidine, Miscellaneous (%)	0889	0.2800	0.0000	0.3410	0.0452	0.0000	4			0
127.99	Histidine, Miscellaneous (%)	0160	0.3340	0.0000	0.3410	0.0452	0.0000	4			0
127.99	Histidine, Miscellaneous (%)	0227	0.3700	0.0000	0.3410	0.0452	0.0000	4			0
127.99	Histidine, Miscellaneous (%)	2144	0.3800	0.0000	0.3410	0.0452	0.0000	4			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.4250	0.0100	0.4792	0.0300	0.0104	15	-1.80	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.4400	0.0000	0.4792	0.0300	0.0104	15	-1.31	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.4450	0.0000	0.4792	0.0300	0.0104	15	-1.14	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.4450	0.0100	0.4792	0.0300	0.0104	15	-1.14	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.4775	0.0046	0.4792	0.0300	0.0104	15	-0.06	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.4800	0.0080	0.4792	0.0300	0.0104	15	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.4800	0.0000	0.4792	0.0300	0.0104	15	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.4885	0.0050	0.4792	0.0300	0.0104	15	0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.4890	0.0163	0.4792	0.0300	0.0104	15	0.33	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.4890	0.0040	0.4792	0.0300	0.0104	15	0.33	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.4950	0.0100	0.4792	0.0300	0.0104	15	0.53	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.4970	0.0000	0.4792	0.0300	0.0104	15	0.59	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.4985	0.0070	0.4792	0.0300	0.0104	15	0.64	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.5050	0.0300	0.4792	0.0300	0.0104	15	0.86	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.5350	0.0100	0.4792	0.0300	0.0104	15	1.86	6%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.4780	0.0060				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.4000	0.0200	0.4899	0.0343	0.0112	9	-2.62	9%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.4500	0.0200	0.4899	0.0343	0.0112	9	-1.16	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.4735	0.0050	0.4899	0.0343	0.0112	9	-0.48	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.4850	0.0100	0.4899	0.0343	0.0112	9	-0.14	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.5000	0.0000	0.4899	0.0343	0.0112	9	0.29	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.5100	0.0000	0.4899	0.0343	0.0112	9	0.58	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.5160	0.0000	0.4899	0.0343	0.0112	9	0.76	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.5165	0.0010	0.4899	0.0343	0.0112	9	0.77	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2195	0.5200	0.0000	0.4899	0.0343	0.0112	9	0.88	3%	0
128.99	Isoleucine, Miscellaneous (%)	0889	0.3850	0.0100	0.4964	0.0787	0.0125	4			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.5100	0.0000	0.4964	0.0787	0.0125	4			0
128.99	Isoleucine, Miscellaneous (%)	0160	0.5205	0.0150	0.4964	0.0787	0.0125	4			0
128.99	Isoleucine, Miscellaneous (%)	2144	0.5700	0.0000	0.4964	0.0787	0.0125	4			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	0.8300	0.0200	0.8931	0.0265	0.0169	14	-2.38	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	0.8560	0.0000	0.8931	0.0265	0.0169	14	-1.40	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	0.8600	0.0200	0.8931	0.0265	0.0169	14	-1.25	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.8800	0.0400	0.8931	0.0265	0.0169	14	-0.49	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	0.8905	0.0110	0.8931	0.0265	0.0169	14	-0.10	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	0.8935	0.0030	0.8931	0.0265	0.0169	14	0.02	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	0.8950	0.0100	0.8931	0.0265	0.0169	14	0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	0.8990	0.0060	0.8931	0.0265	0.0169	14	0.22	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	0.9000	0.0200	0.8931	0.0265	0.0169	14	0.26	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	0.9065	0.0010	0.8931	0.0265	0.0169	14	0.51	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	0.9080	0.0000	0.8931	0.0265	0.0169	14	0.56	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	0.9152	0.0139	0.8931	0.0265	0.0169	14	0.83	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	0.9161	0.0411	0.8931	0.0265	0.0169	14	0.87	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	0.9300	0.0000	0.8931	0.0265	0.0169	14	1.39	2%	0
129.02	Leucine, Post-col OPA Der (%)	0098	0.8855	0.0130				1			0
129.05	Leucine, Pre-col AQC Der (%)	0407	0.8160	0.0160	0.8759	0.0330	0.0162	9	-1.81	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	0.8500	0.0200	0.8759	0.0330	0.0162	9	-0.78	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	0.8600	0.0200	0.8759	0.0330	0.0162	9	-0.48	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	0.8640	0.0000	0.8759	0.0330	0.0162	9	-0.36	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	0.8680	0.0000	0.8759	0.0330	0.0162	9	-0.24	0%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	0.8950	0.0300	0.8759	0.0330	0.0162	9	0.58	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	0.9045	0.0010	0.8759	0.0330	0.0162	9	0.87	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	0.9050	0.0100	0.8759	0.0330	0.0162	9	0.88	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2195	0.9100	0.0000	0.8759	0.0330	0.0162	9	1.03	2%	0
129.99	Leucine, Miscellaneous (%)	0160	0.9160	0.0280				3			0
129.99	Leucine, Miscellaneous (%)	0227	0.9200	0.0000				3			0
129.99	Leucine, Miscellaneous (%)	2144	0.9300	0.0000				3			0
129.99	Leucine, Miscellaneous (%)	0889	0.6900	0.0200				3			2
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.6650	0.0100	0.7538	0.0312	0.0160	17	-2.85	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.7100	0.0000	0.7538	0.0312	0.0160	17	-1.41	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.7350	0.0100	0.7538	0.0312	0.0160	17	-0.60	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.7370	0.0120	0.7538	0.0312	0.0160	17	-0.54	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.7370	0.0000	0.7538	0.0312	0.0160	17	-0.54	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.7380	0.0040	0.7538	0.0312	0.0160	17	-0.51	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.7400	0.0200	0.7538	0.0312	0.0160	17	-0.44	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.7475	0.0230	0.7538	0.0312	0.0160	17	-0.20	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.7475	0.0070	0.7538	0.0312	0.0160	17	-0.20	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.7534	0.0181	0.7538	0.0312	0.0160	17	-0.02	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.7595	0.0110	0.7538	0.0312	0.0160	17	0.18	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	0.7600	0.0000	0.7538	0.0312	0.0160	17	0.20	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.7740	0.0000	0.7538	0.0312	0.0160	17	0.65	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.7835	0.0070	0.7538	0.0312	0.0160	17	0.95	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.7900	0.0000	0.7538	0.0312	0.0160	17	1.16	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.7950	0.0500	0.7538	0.0312	0.0160	17	1.32	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.8100	0.0200	0.7538	0.0312	0.0160	17	1.80	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2325	11.61	0.3200	0.7538	0.0312	0.0160	17	>100	720%	2



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.8030	0.0160				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.6475	0.0550	0.7338	0.0612	0.0320	9	-1.41	6%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.6600	0.0400	0.7338	0.0612	0.0320	9	-1.20	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.7075	0.0350	0.7338	0.0612	0.0320	9	-0.43	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.7250	0.0100	0.7338	0.0612	0.0320	9	-0.14	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.7400	0.0000	0.7338	0.0612	0.0320	9	0.10	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.7670	0.0000	0.7338	0.0612	0.0320	9	0.54	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.7700	0.0200	0.7338	0.0612	0.0320	9	0.59	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.7870	0.0000	0.7338	0.0612	0.0320	9	0.87	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2195	0.8000	0.0000	0.7338	0.0612	0.0320	9	1.08	5%	0
130.99	L-Lysine, Miscellaneous (%)	2246	0.6266	0.1189	0.7747	0.0980	0.0632	5			0
130.99	L-Lysine, Miscellaneous (%)	0889	0.7300	0.1000	0.7747	0.0980	0.0632	5			0
130.99	L-Lysine, Miscellaneous (%)	0160	0.8020	0.0240	0.7747	0.0980	0.0632	5			0
130.99	L-Lysine, Miscellaneous (%)	0227	0.8550	0.0100	0.7747	0.0980	0.0632	5			0
130.99	L-Lysine, Miscellaneous (%)	2144	0.8600	0.0000	0.7747	0.0980	0.0632	5			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.1780	0.0000	0.2158	0.0111	0.0061	16	-3.41	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2000	0.0000	0.2158	0.0111	0.0061	16	-1.43	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2075	0.0050	0.2158	0.0111	0.0061	16	-0.75	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.2100	0.0000	0.2158	0.0111	0.0061	16	-0.53	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2100	0.0000	0.2158	0.0111	0.0061	16	-0.53	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2100	0.0000	0.2158	0.0111	0.0061	16	-0.53	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2133	0.0035	0.2158	0.0111	0.0061	16	-0.23	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.2150	0.0020	0.2158	0.0111	0.0061	16	-0.07	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2150	0.0000	0.2158	0.0111	0.0061	16	-0.07	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.2180	0.0040	0.2158	0.0111	0.0061	16	0.20	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2200	0.0000	0.2158	0.0111	0.0061	16	0.38	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.2220	0.0100	0.2158	0.0111	0.0061	16	0.56	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2250	0.0100	0.2158	0.0111	0.0061	16	0.83	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.2250	0.0100	0.2158	0.0111	0.0061	16	0.83	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2308	0.0008	0.2158	0.0111	0.0061	16	1.35	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.2450	0.0100	0.2158	0.0111	0.0061	16	2.63	7%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2165	0.0030				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.1700	0.0200	0.2150	0.0341	0.0129	8	-1.32	10%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.1779	0.0083	0.2150	0.0341	0.0129	8	-1.09	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2040	0.0060	0.2150	0.0341	0.0129	8	-0.32	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.2150	0.0100	0.2150	0.0341	0.0129	8	0.00	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2280	0.0000	0.2150	0.0341	0.0129	8	0.38	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2300	0.0200	0.2150	0.0341	0.0129	8	0.44	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2350	0.0000	0.2150	0.0341	0.0129	8	0.59	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2195	0.2600	0.0000	0.2150	0.0341	0.0129	8	1.32	10%	0
131.99	Methionine, Miscellaneous (%)	0227	0.2250	0.0100				3			0
131.99	Methionine, Miscellaneous (%)	2144	0.2400	0.0000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
131.99	Methionine, Miscellaneous (%)	0889	0.2700	0.0000				3			0
131.99	Methionine, Miscellaneous (%)	2246	0.2487	0.1411				3			1
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.5040	0.0000	0.5987	0.0230	0.0136	14	-4.11	8%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.5550	0.0100	0.5987	0.0230	0.0136	14	-1.90	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.5800	0.0000	0.5987	0.0230	0.0136	14	-0.81	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.5850	0.0000	0.5987	0.0230	0.0136	14	-0.59	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.5945	0.0010	0.5987	0.0230	0.0136	14	-0.18	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.5950	0.0120	0.5987	0.0230	0.0136	14	-0.16	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.5990	0.0060	0.5987	0.0230	0.0136	14	0.01	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.6000	0.0200	0.5987	0.0230	0.0136	14	0.06	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.6050	0.0100	0.5987	0.0230	0.0136	14	0.27	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.6100	0.0000	0.5987	0.0230	0.0136	14	0.49	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.6144	0.0356	0.5987	0.0230	0.0136	14	0.68	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.6166	0.0106	0.5987	0.0230	0.0136	14	0.78	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.6205	0.0110	0.5987	0.0230	0.0136	14	0.95	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.6700	0.0200	0.5987	0.0230	0.0136	14	3.10	6%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.5800	0.0160				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.5270	0.0180	0.5985	0.0506	0.0182	9	-1.41	6%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.5540	0.0000	0.5985	0.0506	0.0182	9	-0.88	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.5800	0.0000	0.5985	0.0506	0.0182	9	-0.37	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.5805	0.0030	0.5985	0.0506	0.0182	9	-0.36	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2195	0.5900	0.0000	0.5985	0.0506	0.0182	9	-0.17	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.6100	0.0000	0.5985	0.0506	0.0182	9	0.23	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.6300	0.0400	0.5985	0.0506	0.0182	9	0.62	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.6550	0.0100	0.5985	0.0506	0.0182	9	1.12	5%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.6600	0.0200	0.5985	0.0506	0.0182	9	1.22	5%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.5100	0.0000	0.5701	0.0419	0.0195	4			0
132.99	Phenylalanine, Miscellaneous (%)	0160	0.5755	0.0290	0.5701	0.0419	0.0195	4			0
132.99	Phenylalanine, Miscellaneous (%)	2144	0.5900	0.0000	0.5701	0.0419	0.0195	4			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.6050	0.0100	0.5701	0.0419	0.0195	4			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.6990	0.0060	0.7997	0.0416	0.0165	15	-2.42	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.7100	0.0200	0.7997	0.0416	0.0165	15	-2.16	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.7715	0.0010	0.7997	0.0416	0.0165	15	-0.68	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.7730	0.0140	0.7997	0.0416	0.0165	15	-0.64	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2022	0.7750	0.0500	0.7997	0.0416	0.0165	15	-0.59	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.7920	0.0400	0.7997	0.0416	0.0165	15	-0.18	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.8000	0.0000	0.7997	0.0416	0.0165	15	0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.8010	0.0000	0.7997	0.0416	0.0165	15	0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.8050	0.0100	0.7997	0.0416	0.0165	15	0.13	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.8150	0.0100	0.7997	0.0416	0.0165	15	0.37	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	0.8150	0.0100	0.7997	0.0416	0.0165	15	0.37	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.8250	0.0100	0.7997	0.0416	0.0165	15	0.61	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.8370	0.0020	0.7997	0.0416	0.0165	15	0.90	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	0.8492	0.0247	0.7997	0.0416	0.0165	15	1.19	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.8710	0.0000	0.7997	0.0416	0.0165	15	1.71	4%	0
133.05	Proline, Pre-col AQC Der (%)	0407	0.7300	0.0160	0.8508	0.1234	0.0205	9	-0.98	7%	0
133.05	Proline, Pre-col AQC Der (%)	2246	0.7650	0.0500	0.8508	0.1234	0.0205	9	-0.70	5%	0
133.05	Proline, Pre-col AQC Der (%)	0610	0.7950	0.0100	0.8508	0.1234	0.0205	9	-0.45	3%	0
133.05	Proline, Pre-col AQC Der (%)	0148	0.7975	0.0070	0.8508	0.1234	0.0205	9	-0.43	3%	0
133.05	Proline, Pre-col AQC Der (%)	2196	0.8080	0.0000	0.8508	0.1234	0.0205	9	-0.35	3%	0
133.05	Proline, Pre-col AQC Der (%)	0676	0.8450	0.0100	0.8508	0.1234	0.0205	9	-0.05	0%	0
133.05	Proline, Pre-col AQC Der (%)	2319	0.8550	0.0300	0.8508	0.1234	0.0205	9	0.03	0%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.026	0.0000	0.8508	0.1234	0.0205	9	1.42	10%	0
133.05	Proline, Pre-col AQC Der (%)	2195	1.050	0.0000	0.8508	0.1234	0.0205	9	1.61	12%	0
133.99	Proline, Miscellaneous (%)	0889	0.8050	0.0300	0.8203	0.0121	0.0270	4			0
133.99	Proline, Miscellaneous (%)	0160	0.8160	0.0240	0.8203	0.0121	0.0270	4			0
133.99	Proline, Miscellaneous (%)	0227	0.8300	0.0000	0.8203	0.0121	0.0270	4			0
133.99	Proline, Miscellaneous (%)	2144	0.8300	0.0000	0.8203	0.0121	0.0270	4			0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.5600	0.0000	0.6272	0.0349	0.0132	15	-1.92	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.5700	0.0200	0.6272	0.0349	0.0132	15	-1.64	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.5710	0.0000	0.6272	0.0349	0.0132	15	-1.61	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.6135	0.0050	0.6272	0.0349	0.0132	15	-0.39	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.6240	0.0000	0.6272	0.0349	0.0132	15	-0.09	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.6240	0.0080	0.6272	0.0349	0.0132	15	-0.09	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.6355	0.0110	0.6272	0.0349	0.0132	15	0.24	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.6400	0.0000	0.6272	0.0349	0.0132	15	0.37	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.6400	0.0200	0.6272	0.0349	0.0132	15	0.37	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.6416	0.0087	0.6272	0.0349	0.0132	15	0.41	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.6439	0.0163	0.6272	0.0349	0.0132	15	0.48	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.6450	0.0100	0.6272	0.0349	0.0132	15	0.51	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	0.6450	0.0100	0.6272	0.0349	0.0132	15	0.51	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.6510	0.0160	0.6272	0.0349	0.0132	15	0.68	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.7700	0.0200	0.6272	0.0349	0.0132	15	4.09	11%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.5715	0.0010				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.4305	0.0250	0.6129	0.0772	0.0186	9	-2.36	15%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.5250	0.0000	0.6129	0.0772	0.0186	9	-1.14	7%	0
134.05	Serine, Pre-col AQC Der (%)	0610	0.5650	0.0100	0.6129	0.0772	0.0186	9	-0.62	4%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.6190	0.0000	0.6129	0.0772	0.0186	9	0.08	0%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.6350	0.0100	0.6129	0.0772	0.0186	9	0.29	2%	0
134.05	Serine, Pre-col AQC Der (%)	2195	0.6500	0.0000	0.6129	0.0772	0.0186	9	0.48	3%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.6650	0.0080	0.6129	0.0772	0.0186	9	0.68	4%	0
134.05	Serine, Pre-col AQC Der (%)	2246	0.6800	0.0400	0.6129	0.0772	0.0186	9	0.87	5%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.6800	0.0000	0.6129	0.0772	0.0186	9	0.87	5%	0
134.99	Serine, Miscellaneous (%)	0227	0.6300	0.0000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
134.99	Serine, Miscellaneous (%)	2144	0.7000	0.0000				3			0
134.99	Serine, Miscellaneous (%)	0889	0.7850	0.0100				3			0
134.99	Serine, Miscellaneous (%)	0160	0.4410	0.1060				3			1
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.4490	0.0000	0.5028	0.0182	0.0103	15	-2.96	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.4800	0.0000	0.5028	0.0182	0.0103	15	-1.26	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.4854	0.0146	0.5028	0.0182	0.0103	15	-0.96	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.4920	0.0040	0.5028	0.0182	0.0103	15	-0.60	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.4970	0.0000	0.5028	0.0182	0.0103	15	-0.32	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.5000	0.0000	0.5028	0.0182	0.0103	15	-0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.5000	0.0000	0.5028	0.0182	0.0103	15	-0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.5025	0.0010	0.5028	0.0182	0.0103	15	-0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.5050	0.0100	0.5028	0.0182	0.0103	15	0.12	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.5050	0.0100	0.5028	0.0182	0.0103	15	0.12	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.5075	0.0150	0.5028	0.0182	0.0103	15	0.26	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.5150	0.0100	0.5028	0.0182	0.0103	15	0.67	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.5181	0.0092	0.5028	0.0182	0.0103	15	0.84	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.5295	0.0090	0.5028	0.0182	0.0103	15	1.47	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.5300	0.0200	0.5028	0.0182	0.0103	15	1.49	3%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.4935	0.0030				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.3535	0.0350	0.4948	0.0563	0.0257	9	-2.51	14%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.4280	0.0000	0.4948	0.0563	0.0257	9	-1.19	7%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.4850	0.0100	0.4948	0.0563	0.0257	9	-0.17	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.4850	0.0100	0.4948	0.0563	0.0257	9	-0.17	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.5080	0.0000	0.4948	0.0563	0.0257	9	0.24	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2195	0.5100	0.0000	0.4948	0.0563	0.0257	9	0.27	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.5300	0.0400	0.4948	0.0563	0.0257	9	0.63	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.5315	0.0090	0.4948	0.0563	0.0257	9	0.65	4%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.5650	0.0500	0.4948	0.0563	0.0257	9	1.25	7%	0
135.99	Threonine, Miscellaneous (%)	0160	0.4125	0.0210	0.4951	0.0681	0.0329	5			0
135.99	Threonine, Miscellaneous (%)	2246	0.4330	0.0447	0.4951	0.0681	0.0329	5			0
135.99	Threonine, Miscellaneous (%)	0227	0.5200	0.0000	0.4951	0.0681	0.0329	5			0
135.99	Threonine, Miscellaneous (%)	0889	0.5500	0.0000	0.4951	0.0681	0.0329	5			0
135.99	Threonine, Miscellaneous (%)	2144	0.5600	0.0000	0.4951	0.0681	0.0329	5			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2130	0.0000				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.2237	0.0000				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2900	0.0000				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.2480	0.0200				3			1
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.2230	0.0000				1			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2190	0.0100				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.2130	0.0000	0.2290	0.0150	0.0055	7	-1.06	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.2155	0.0030	0.2290	0.0150	0.0055	7	-0.90	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.2242	0.0054	0.2290	0.0150	0.0055	7	-0.32	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.2300	0.0000	0.2290	0.0150	0.0055	7	0.07	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.2305	0.0010	0.2290	0.0150	0.0055	7	0.10	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.2381	0.0081	0.2290	0.0150	0.0055	7	0.61	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2850	0.0100	0.2290	0.0150	0.0055	7	3.73	12%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.1650	0.0100	0.2608	0.1162	0.0100	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2230	0.0000	0.2608	0.1162	0.0100	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.2250	0.0100	0.2608	0.1162	0.0100	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2195	0.4300	0.0000	0.2608	0.1162	0.0100	4			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1200	0.0000				3			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.1957	0.0009				3			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.3200	0.0000				3			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.2850	0.0300	0.3983	0.0496	0.0123	11	-2.29	14%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.3550	0.0100	0.3983	0.0496	0.0123	11	-0.87	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.3565	0.0030	0.3983	0.0496	0.0123	11	-0.84	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.3750	0.0000	0.3983	0.0496	0.0123	11	-0.47	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.3900	0.0000	0.3983	0.0496	0.0123	11	-0.17	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.3950	0.0100	0.3983	0.0496	0.0123	11	-0.07	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.4090	0.0080	0.3983	0.0496	0.0123	11	0.22	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.4226	0.0241	0.3983	0.0496	0.0123	11	0.49	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.4420	0.0000	0.3983	0.0496	0.0123	11	0.88	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.4550	0.0100	0.3983	0.0496	0.0123	11	1.14	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.4575	0.0030	0.3983	0.0496	0.0123	11	1.19	7%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.3570	0.0240				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.3300	0.0000	0.3827	0.0493	0.0080	7	-1.07	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.3370	0.0080	0.3827	0.0493	0.0080	7	-0.93	6%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.3650	0.0100	0.3827	0.0493	0.0080	7	-0.36	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.3770	0.0000	0.3827	0.0493	0.0080	7	-0.12	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.4010	0.0000	0.3827	0.0493	0.0080	7	0.37	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.4200	0.0000	0.3827	0.0493	0.0080	7	0.76	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.4490	0.0060	0.3827	0.0493	0.0080	7	1.34	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.4600	0.0400	0.3827	0.0493	0.0080	7	1.57	10%	1
137.99	Tyrosine, Miscellaneous (%)	0889	0.3200	0.0000				3			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.3600	0.0000				3			0
137.99	Tyrosine, Miscellaneous (%)	2144	0.4800	0.0000				3			0
137.99	Tyrosine, Miscellaneous (%)	0160	0.3935	0.0110				3			1
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.6350	0.0100	0.6792	0.0246	0.0070	13	-1.80	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.6500	0.0000	0.6792	0.0246	0.0070	13	-1.19	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.6550	0.0100	0.6792	0.0246	0.0070	13	-0.98	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.6610	0.0100	0.6792	0.0246	0.0070	13	-0.74	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.6750	0.0000	0.6792	0.0246	0.0070	13	-0.17	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.6780	0.0040	0.6792	0.0246	0.0070	13	-0.05	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.6835	0.0030	0.6792	0.0246	0.0070	13	0.18	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.6850	0.0100	0.6792	0.0246	0.0070	13	0.24	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.6895	0.0030	0.6792	0.0246	0.0070	13	0.42	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.6941	0.0081	0.6792	0.0246	0.0070	13	0.60	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.7002	0.0050	0.6792	0.0246	0.0070	13	0.85	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.7060	0.0000	0.6792	0.0246	0.0070	13	1.09	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.7100	0.0000	0.6792	0.0246	0.0070	13	1.25	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.7200	0.0600	0.6792	0.0246	0.0070	13	1.66	3%	1
138.02	Valine, Post-col OPA Der (%)	0098	0.7180	0.0120				1			0
138.05	Valine, Pre-col AQC Der (%)	0407	0.6515	0.0070	0.6802	0.0249	0.0120	8	-1.15	2%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.6640	0.0000	0.6802	0.0249	0.0120	8	-0.65	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.6700	0.0200	0.6802	0.0249	0.0120	8	-0.41	1%	0
138.05	Valine, Pre-col AQC Der (%)	2246	0.6750	0.0100	0.6802	0.0249	0.0120	8	-0.21	0%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.6760	0.0000	0.6802	0.0249	0.0120	8	-0.17	0%	0
138.05	Valine, Pre-col AQC Der (%)	0610	0.6800	0.0000	0.6802	0.0249	0.0120	8	-0.01	0%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.7075	0.0110	0.6802	0.0249	0.0120	8	1.10	2%	0
138.05	Valine, Pre-col AQC Der (%)	2195	0.7200	0.0000	0.6802	0.0249	0.0120	8	1.60	3%	0
138.05	Valine, Pre-col AQC Der (%)	2319	0.6050	0.0700	0.6802	0.0249	0.0120	8	-3.02	6%	1
138.99	Valine, Miscellaneous (%)	0889	0.6100	0.0000				3			0
138.99	Valine, Miscellaneous (%)	2144	0.6900	0.0000				3			0
138.99	Valine, Miscellaneous (%)	0227	0.7450	0.0100				3			0
138.99	Valine, Miscellaneous (%)	0160	0.7905	0.3090				3			1
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0370	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1900	0.0000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0085	0.0010				1			0
139.99	Taurine, Miscellaneous (%)	0889	0.0300	0.0000				1			0
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					1			5
160.99	Fructose, Miscellaneous (%)	0227	0.4700	0.0000				1			0
162.99	Glucose, Miscellaneous (%)	0227	0.3650	0.0300				2			0
162.99	Glucose, Miscellaneous (%)	0689	5.850	0.5000				2			0
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5
165.99	Sucrose, Miscellaneous (%)	0227	3.265	0.0900				1			0
166.99	Raffinose, Miscellaneous (%)	0227	0.6200	0.0000				1			0
167.99	Stachyose, Miscellaneous (%)	0227	0.2500	0.0000				1			0
354.04	Decoquinatate, LC-MS/MS (ppm)	2113	< 0.25					0			5
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	2113	< 0.25					0			5
365.02	Monensin, LC (ppm)	0610	4.655	0.0300				2			0
365.02	Monensin, LC (ppm)	0668	4.800	0.4000				2			0
365.03	Monensin, LC-PCD (ppm)	0968	4.275	0.2100				2			0
365.03	Monensin, LC-PCD (ppm)	0010	4.430	0.3200				2			0
365.04	Monensin, LC-MS (ppm)	0964	6.212	1.599				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
365.05	Monensin, LC-MS/MS (ppm)	0619	3.140	0.0600	4.453	0.6509	0.5075	9	-2.02	15%	0
365.05	Monensin, LC-MS/MS (ppm)	0505	3.860	0.2200	4.453	0.6509	0.5075	9	-0.91	7%	0
365.05	Monensin, LC-MS/MS (ppm)	0148	3.985	0.7700	4.453	0.6509	0.5075	9	-0.72	5%	0
365.05	Monensin, LC-MS/MS (ppm)	0968	4.435	0.0900	4.453	0.6509	0.5075	9	-0.03	0%	0
365.05	Monensin, LC-MS/MS (ppm)	0610	4.565	0.0900	4.453	0.6509	0.5075	9	0.17	1%	0
365.05	Monensin, LC-MS/MS (ppm)	0941	4.650	0.0000	4.453	0.6509	0.5075	9	0.30	2%	0
365.05	Monensin, LC-MS/MS (ppm)	0038	4.880	1.040	4.453	0.6509	0.5075	9	0.66	5%	0
365.05	Monensin, LC-MS/MS (ppm)	0884	5.050	1.700	4.453	0.6509	0.5075	9	0.92	7%	0
365.05	Monensin, LC-MS/MS (ppm)	0009	5.175	0.0900	4.453	0.6509	0.5075	9	1.11	8%	0
365.05	Monensin, LC-MS/MS (ppm)	2113	50.04	3.010	4.453	0.6509	0.5075	9	70.03	512%	2
379.05	Salinomycin, LC-MS/MS (ppm)	2113	< 0.25					0			5
391.03	Narasin, LC-MS/MS (ppm)	2113	< 0.25					0			5
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.5080	0.0140	0.5300	0.0125	0.0069	11	-1.75	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.5150	0.0100	0.5300	0.0125	0.0069	11	-1.19	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.5250	0.0020	0.5300	0.0125	0.0069	11	-0.40	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.5260	0.0060	0.5300	0.0125	0.0069	11	-0.32	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.5275	0.0090	0.5300	0.0125	0.0069	11	-0.20	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.5305	0.0110	0.5300	0.0125	0.0069	11	0.04	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0010	0.5307	0.0093	0.5300	0.0125	0.0069	11	0.05	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.5345	0.0050	0.5300	0.0125	0.0069	11	0.36	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.5374	0.0038	0.5300	0.0125	0.0069	11	0.59	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.5431	0.0042	0.5300	0.0125	0.0069	11	1.05	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.5608	0.0011	0.5300	0.0125	0.0069	11	2.46	3%	0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.1750	0.0700				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0964	< 1.42					0			5
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0096	0.1609	0.0245				2			0
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	0.1720	0.0040				2			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.1031	0.0053				2			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.1585	0.0210				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.1885	0.0111				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.1900	0.0000				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.1876	0.0060				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	0.2100	0.0000				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0964	0.2285	0.0150				3			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0096	0.2159	0.0081				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.2280	0.0020				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.1370	0.0029				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0939	0.2050	0.0500				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.2225	0.0010				3			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0171	3.570	0.0400				2			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	4.552	0.0143				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	7.220	0.5400				2		0	
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0096	7.336	0.2061				2		0	
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	8.170	0.2000				3		0	
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0964	8.210	0.6200				3		0	
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	8.250	0.0000				3		0	
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	6.084	0.1245				3		2	
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	3.425	0.3900				2		0	
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0096	5.443	0.3953				2		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	5.154	0.0683				3		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0939	6.440	0.7800				3		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	7.485	2.930				3		0	
526.41	Lead, ICP, Dry ash (ppm)	0171	0.1450	0.0100				2		0	
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1783	0.0139				2		0	
526.43	Lead, ICP, Microwave (ppm)	0407	0.3363	0.0574				1		0	
526.43	Lead, ICP, Microwave (ppm)	0964	< 0.91					1		5	
526.43	Lead, ICP, Microwave (ppm)	0682	< 10					1		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	0096	0.2066	0.0306				2		0	
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.2160	0.0100				2		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.1485	0.0314				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.2250	0.0900				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.2335	0.0030				3		0	
529.99	Mercury, Miscellaneous (ppb)	0407	2.046	0.3052				1		0	
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					1		5	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					1		5	
539.41	Nickel, ICP, Dry ash (ppm)	0171	3.130	0.0200				2		0	
539.41	Nickel, ICP, Dry ash (ppm)	0407	3.575	0.2006				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	3.584	0.4333				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	4.610	0.0000				2		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	2.220	0.0600				2		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0096	3.562	0.2915				2		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	2.473	0.0630				2		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	3.710	0.5800				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	0.0052	0.0003				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	< 0.01					1		5	
714.99	Myristic Acid (14:0 ), Miscellaneous (% (w/w))	0226	0.0222	0.0003				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	1.910	0.0000				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0085	0.0010				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0112	0.0005				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.3182	0.0045				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	1.235	0.0100				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.955	0.0500				2		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.022	0.0270				2		0	



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0226	1.465	0.0500				2		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0676	1.571	0.0280				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w)	0226	0.0178	0.0005				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (%) (w/w)	0226	0.0295	0.0000				1		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%)	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	< 0.005					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w)	0226	0.0157	0.0004				1		0	
744.99	Erucic Acid (13c-22:1), Miscellaneous (%) (w/w)	0226	0.0076	0.0002				1		0	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!	0676	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!	0226	< 0.005					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (%) (w/w)	0226	0.0185	0.0007				1		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0676	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	< 0.005					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%) (w/w)	0226	< 0.005					0		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell:	0676	1.575	0.0300				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell:	0676	2.025	0.0300				1		0	
772.99	Total Fatty Acids, Miscellaneous (%) (w/w)	0226	7.020	0.1000				1		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.