



**AAFCO**  
Proficiency Testing Program



**Animal Feed Scheme**

**Dry Cat Feed**

**Test Material Code # 202023**

**# Labs Reporting: 190**

**# Methods Reported 415**

**Issue Date : 04/30/2020**

**Method Proficiency Testing Report**

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	0.2000	0.0000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.395	0.0100				2			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.591	0.1270				2			0
001.03	Loss on Drying, Low temp. methods (%)	2124	7.245	0.0700	7.511	0.1267	0.0800	6	-2.10	2%	0
001.03	Loss on Drying, Low temp. methods (%)	0843	7.455	0.2900	7.511	0.1267	0.0800	6	-0.44	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	7.510	0.0600	7.511	0.1267	0.0800	6	-0.01	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	7.555	0.0100	7.511	0.1267	0.0800	6	0.35	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2295	7.595	0.0100	7.511	0.1267	0.0800	6	0.66	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	7.630	0.0400	7.511	0.1267	0.0800	6	0.94	1%	0
001.05	Loss on Drying, LECO (%)	0644	7.460	0.0600				2			0
001.05	Loss on Drying, LECO (%)	0968	7.905	0.1800				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	6.700	0.4000	7.505	0.2020	0.1013	49	-3.98	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	6.935	0.3300	7.505	0.2020	0.1013	49	-2.82	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	6.990	0.0800	7.505	0.2020	0.1013	49	-2.55	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	6.990	0.2600	7.505	0.2020	0.1013	49	-2.55	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	7.010	0.1600	7.505	0.2020	0.1013	49	-2.45	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2252	7.080	0.0000	7.505	0.2020	0.1013	49	-2.10	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	7.097	0.0840	7.505	0.2020	0.1013	49	-2.02	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2220	7.295	0.1500	7.505	0.2020	0.1013	49	-1.04	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	7.300	0.0400	7.505	0.2020	0.1013	49	-1.01	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2187	7.310	0.0200	7.505	0.2020	0.1013	49	-0.96	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.372	0.0006	7.505	0.2020	0.1013	49	-0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.390	0.0000	7.505	0.2020	0.1013	49	-0.57	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	7.400	0.2000	7.505	0.2020	0.1013	49	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	7.430	0.0000	7.505	0.2020	0.1013	49	-0.37	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	7.445	0.1100	7.505	0.2020	0.1013	49	-0.30	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	7.455	0.1100	7.505	0.2020	0.1013	49	-0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	7.455	0.2900	7.505	0.2020	0.1013	49	-0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	7.460	0.0000	7.505	0.2020	0.1013	49	-0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	7.460	0.1000	7.505	0.2020	0.1013	49	-0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2156	7.480	0.2800	7.505	0.2020	0.1013	49	-0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.485	0.0100	7.505	0.2020	0.1013	49	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.485	0.0100	7.505	0.2020	0.1013	49	-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	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2219	7.495	0.1900	7.505	0.2020	0.1013	49	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	7.500	0.0000	7.505	0.2020	0.1013	49	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2264	7.504	0.0060	7.505	0.2020	0.1013	49	0.00	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.505	0.0700	7.505	0.2020	0.1013	49	0.00	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	7.510	0.1200	7.505	0.2020	0.1013	49	0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	7.550	0.0000	7.505	0.2020	0.1013	49	0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	7.550	0.1200	7.505	0.2020	0.1013	49	0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	7.580	0.0200	7.505	0.2020	0.1013	49	0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.585	0.0100	7.505	0.2020	0.1013	49	0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2293	7.590	0.2600	7.505	0.2020	0.1013	49	0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	7.595	0.1700	7.505	0.2020	0.1013	49	0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.600	0.0000	7.505	0.2020	0.1013	49	0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	7.605	0.2100	7.505	0.2020	0.1013	49	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0065	7.620	0.0000	7.505	0.2020	0.1013	49	0.57	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	7.635	0.0500	7.505	0.2020	0.1013	49	0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	7.640	0.0400	7.505	0.2020	0.1013	49	0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	7.650	0.0200	7.505	0.2020	0.1013	49	0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.660	0.0600	7.505	0.2020	0.1013	49	0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.680	0.0400	7.505	0.2020	0.1013	49	0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	7.688	0.0362	7.505	0.2020	0.1013	49	0.91	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	7.703	0.1480	7.505	0.2020	0.1013	49	0.98	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	7.705	0.1300	7.505	0.2020	0.1013	49	0.99	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	7.745	0.0100	7.505	0.2020	0.1013	49	1.19	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	7.785	0.3300	7.505	0.2020	0.1013	49	1.39	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	7.800	0.2000	7.505	0.2020	0.1013	49	1.46	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.945	0.0900	7.505	0.2020	0.1013	49	2.18	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	8.390	0.0000	7.505	0.2020	0.1013	49	4.38	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.085	1.290	7.505	0.2020	0.1013	49	2.87	4%	1
001.99	Loss on Drying, Miscellaneous (%)	0618	5.425	0.0300	7.350	0.3549	0.1150	20	-5.42	13%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	6.445	0.4100	7.350	0.3549	0.1150	20	-2.55	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	6.870	0.0200	7.350	0.3549	0.1150	20	-1.35	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.050	0.0000	7.350	0.3549	0.1150	20	-0.84	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	7.060	0.0600	7.350	0.3549	0.1150	20	-0.82	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.115	0.0300	7.350	0.3549	0.1150	20	-0.66	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.150	0.1000	7.350	0.3549	0.1150	20	-0.56	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	7.350	0.0600	7.350	0.3549	0.1150	20	0.00	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2136	7.365	0.1500	7.350	0.3549	0.1150	20	0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2115	7.380	0.0200	7.350	0.3549	0.1150	20	0.09	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.395	0.0100	7.350	0.3549	0.1150	20	0.13	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2242	7.495	0.0900	7.350	0.3549	0.1150	20	0.41	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	7.500	0.2000	7.350	0.3549	0.1150	20	0.42	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	7.560	0.3800	7.350	0.3549	0.1150	20	0.59	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.99	Loss on Drying, Miscellaneous (%)	0610	7.575	0.0100	7.350	0.3549	0.1150	20	0.63	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	7.595	0.3700	7.350	0.3549	0.1150	20	0.69	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	7.620	0.0400	7.350	0.3549	0.1150	20	0.76	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	7.680	0.0940	7.350	0.3549	0.1150	20	0.93	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	7.750	0.2200	7.350	0.3549	0.1150	20	1.13	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	7.851	0.0062	7.350	0.3549	0.1150	20	1.41	3%	0
002.00	Protein, Crude, Crude (%)	0169	32.03	0.2100				2			0
002.00	Protein, Crude, Crude (%)	0845	32.15	0.1600				2			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2314	31.15	0.1000	31.59	0.3093	0.1652	17	-1.44	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2193	31.18	0.1000	31.59	0.3093	0.1652	17	-1.34	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	31.31	0.0100	31.59	0.3093	0.1652	17	-0.93	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2259	31.34	0.0320	31.59	0.3093	0.1652	17	-0.82	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0619	31.40	0.2000	31.59	0.3093	0.1652	17	-0.63	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2304	31.52	0.3710	31.59	0.3093	0.1652	17	-0.24	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0653	31.52	0.0000	31.59	0.3093	0.1652	17	-0.24	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	31.55	0.3000	31.59	0.3093	0.1652	17	-0.14	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	31.56	0.3660	31.59	0.3093	0.1652	17	-0.11	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0860	31.58	0.0000	31.59	0.3093	0.1652	17	-0.06	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	31.59	0.0000	31.59	0.3093	0.1652	17	-0.01	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	31.79	0.4600	31.59	0.3093	0.1652	17	0.65	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0164	31.81	0.5000	31.59	0.3093	0.1652	17	0.70	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0652	31.85	0.3000	31.59	0.3093	0.1652	17	0.83	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0610	31.90	0.0000	31.59	0.3093	0.1652	17	0.99	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0914	32.00	0.0500	31.59	0.3093	0.1652	17	1.30	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0685	33.05	0.0200	31.59	0.3093	0.1652	17	4.71	2%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	0.4600	0.0000	31.59	0.3093	0.1652	17	-100.67	49%	2
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	31.73	0.1000				2			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	31.82	0.0255				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	31.56	0.6200				3			0
002.04	Protein, Crude, Copper Catalyst (%)	2122	31.63	0.0000				3			0
002.04	Protein, Crude, Copper Catalyst (%)	2312	32.00	0.1500				3			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	30.26	0.4500	31.62	0.3342	0.1333	26	-4.08	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	30.55	0.0500	31.62	0.3342	0.1333	26	-3.21	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	31.14	0.1700	31.62	0.3342	0.1333	26	-1.45	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	31.22	0.0900	31.62	0.3342	0.1333	26	-1.21	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	31.33	0.0200	31.62	0.3342	0.1333	26	-0.86	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	31.40	0.2000	31.62	0.3342	0.1333	26	-0.66	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0674	31.40	0.0000	31.62	0.3342	0.1333	26	-0.66	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	31.40	0.2000	31.62	0.3342	0.1333	26	-0.66	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	31.47	0.0067	31.62	0.3342	0.1333	26	-0.45	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2295	31.49	0.0100	31.62	0.3342	0.1333	26	-0.40	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	31.54	0.1900	31.62	0.3342	0.1333	26	-0.25	0%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	0675	31.58	0.0400	31.62	0.3342	0.1333	26	-0.12	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	31.61	0.1000	31.62	0.3342	0.1333	26	-0.03	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	31.63	0.2000	31.62	0.3342	0.1333	26	0.03	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	31.74	0.1500	31.62	0.3342	0.1333	26	0.35	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2264	31.77	0.1080	31.62	0.3342	0.1333	26	0.46	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2115	31.80	0.0400	31.62	0.3342	0.1333	26	0.54	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	31.81	0.1600	31.62	0.3342	0.1333	26	0.57	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	31.82	0.0000	31.62	0.3342	0.1333	26	0.60	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	31.87	0.3100	31.62	0.3342	0.1333	26	0.74	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2012	31.90	0.0800	31.62	0.3342	0.1333	26	0.84	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	31.95	0.0100	31.62	0.3342	0.1333	26	0.98	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2152	31.95	0.0400	31.62	0.3342	0.1333	26	0.99	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2291	32.00	0.3000	31.62	0.3342	0.1333	26	1.14	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	32.03	0.5100	31.62	0.3342	0.1333	26	1.22	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	32.05	0.0300	31.62	0.3342	0.1333	26	1.28	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0620	11.19	0.0000	31.62	0.3342	0.1333	26	-61.14	32%	2
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0062	30.13	0.0020	32.05	0.3267	0.2090	130	-5.88	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	30.45	0.3700	32.05	0.3267	0.2090	130	-4.90	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	31.24	0.2200	32.05	0.3267	0.2090	130	-2.47	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2022	31.45	0.0310	32.05	0.3267	0.2090	130	-1.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	31.45	0.1000	32.05	0.3267	0.2090	130	-1.82	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	31.52	0.1800	32.05	0.3267	0.2090	130	-1.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0065	31.52	0.0395	32.05	0.3267	0.2090	130	-1.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	31.55	0.3000	32.05	0.3267	0.2090	130	-1.52	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	31.55	0.1000	32.05	0.3267	0.2090	130	-1.52	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	31.56	0.0700	32.05	0.3267	0.2090	130	-1.50	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2293	31.57	0.1600	32.05	0.3267	0.2090	130	-1.46	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2156	31.57	0.2570	32.05	0.3267	0.2090	130	-1.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	31.58	0.5500	32.05	0.3267	0.2090	130	-1.44	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	31.59	0.0900	32.05	0.3267	0.2090	130	-1.41	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	31.60	0.3820	32.05	0.3267	0.2090	130	-1.37	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	31.61	0.1000	32.05	0.3267	0.2090	130	-1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2053	31.65	0.1000	32.05	0.3267	0.2090	130	-1.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2220	31.66	0.0200	32.05	0.3267	0.2090	130	-1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2219	31.70	0.3700	32.05	0.3267	0.2090	130	-1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	31.75	0.1000	32.05	0.3267	0.2090	130	-0.91	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	31.75	0.1000	32.05	0.3267	0.2090	130	-0.91	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	31.75	0.5000	32.05	0.3267	0.2090	130	-0.91	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	31.75	0.3000	32.05	0.3267	0.2090	130	-0.91	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	31.77	0.3510	32.05	0.3267	0.2090	130	-0.85	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0581	31.77	0.4600	32.05	0.3267	0.2090	130	-0.84	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	31.78	0.1150	32.05	0.3267	0.2090	130	-0.82	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 (%)	2187	31.78	0.1200	32.05	0.3267	0.2090	130	-0.81	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	31.81	0.3600	32.05	0.3267	0.2090	130	-0.72	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	31.82	0.0600	32.05	0.3267	0.2090	130	-0.69	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	31.83	0.0800	32.05	0.3267	0.2090	130	-0.66	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2207	31.84	0.1300	32.05	0.3267	0.2090	130	-0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0958	31.85	0.0300	32.05	0.3267	0.2090	130	-0.61	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2169	31.85	0.0900	32.05	0.3267	0.2090	130	-0.61	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	31.85	0.3000	32.05	0.3267	0.2090	130	-0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	31.86	0.1500	32.05	0.3267	0.2090	130	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	31.89	0.3700	32.05	0.3267	0.2090	130	-0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2252	31.89	0.0630	32.05	0.3267	0.2090	130	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	31.90	0.1900	32.05	0.3267	0.2090	130	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	31.90	0.2000	32.05	0.3267	0.2090	130	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	31.90	0.2000	32.05	0.3267	0.2090	130	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	31.90	0.2000	32.05	0.3267	0.2090	130	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	31.92	0.1100	32.05	0.3267	0.2090	130	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	31.93	0.1300	32.05	0.3267	0.2090	130	-0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0646	31.94	0.3500	32.05	0.3267	0.2090	130	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	31.95	0.0900	32.05	0.3267	0.2090	130	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	31.97	0.0260	32.05	0.3267	0.2090	130	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0051	31.97	0.5600	32.05	0.3267	0.2090	130	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	31.97	0.1800	32.05	0.3267	0.2090	130	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	32.00	0.2100	32.05	0.3267	0.2090	130	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	32.00	0.1019	32.05	0.3267	0.2090	130	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	32.00	0.0000	32.05	0.3267	0.2090	130	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	32.00	0.0200	32.05	0.3267	0.2090	130	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	32.00	0.2000	32.05	0.3267	0.2090	130	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	32.00	0.2000	32.05	0.3267	0.2090	130	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2232	32.00	0.2000	32.05	0.3267	0.2090	130	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	32.00	0.1500	32.05	0.3267	0.2090	130	-0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	32.01	0.1400	32.05	0.3267	0.2090	130	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2124	32.01	0.0800	32.05	0.3267	0.2090	130	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2016	32.02	0.3900	32.05	0.3267	0.2090	130	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	32.02	0.0700	32.05	0.3267	0.2090	130	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	32.02	0.0400	32.05	0.3267	0.2090	130	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	32.02	0.1600	32.05	0.3267	0.2090	130	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	32.03	0.0200	32.05	0.3267	0.2090	130	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2304	32.03	0.2600	32.05	0.3267	0.2090	130	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0038	32.04	0.1870	32.05	0.3267	0.2090	130	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	32.04	0.0000	32.05	0.3267	0.2090	130	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	32.05	0.1000	32.05	0.3267	0.2090	130	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	32.05	0.5000	32.05	0.3267	0.2090	130	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			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	32.05	0.7000	32.05	0.3267	0.2090	130	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	32.05	0.5800	32.05	0.3267	0.2090	130	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0554	32.06	0.1500	32.05	0.3267	0.2090	130	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	32.06	0.0100	32.05	0.3267	0.2090	130	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	32.07	0.0500	32.05	0.3267	0.2090	130	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	32.07	0.0000	32.05	0.3267	0.2090	130	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2162	32.07	0.2200	32.05	0.3267	0.2090	130	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	32.08	0.0320	32.05	0.3267	0.2090	130	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	32.09	0.3100	32.05	0.3267	0.2090	130	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	32.09	0.3300	32.05	0.3267	0.2090	130	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	32.09	0.0400	32.05	0.3267	0.2090	130	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	32.10	0.2470	32.05	0.3267	0.2090	130	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	32.10	0.2000	32.05	0.3267	0.2090	130	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	32.10	0.2000	32.05	0.3267	0.2090	130	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	32.15	0.0300	32.05	0.3267	0.2090	130	0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	32.15	0.5000	32.05	0.3267	0.2090	130	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2033	32.15	0.2200	32.05	0.3267	0.2090	130	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	32.16	0.0000	32.05	0.3267	0.2090	130	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	32.17	0.0370	32.05	0.3267	0.2090	130	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0139	32.18	0.3900	32.05	0.3267	0.2090	130	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0015	32.18	0.1200	32.05	0.3267	0.2090	130	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	32.18	0.2906	32.05	0.3267	0.2090	130	0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0512	32.19	0.5300	32.05	0.3267	0.2090	130	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	32.19	0.1200	32.05	0.3267	0.2090	130	0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	32.19	0.0200	32.05	0.3267	0.2090	130	0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	32.20	0.0200	32.05	0.3267	0.2090	130	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	32.20	0.0000	32.05	0.3267	0.2090	130	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	32.20	0.6000	32.05	0.3267	0.2090	130	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	32.20	0.0130	32.05	0.3267	0.2090	130	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	32.21	0.2400	32.05	0.3267	0.2090	130	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	32.25	0.1000	32.05	0.3267	0.2090	130	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	32.28	0.0400	32.05	0.3267	0.2090	130	0.72	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	32.29	0.6500	32.05	0.3267	0.2090	130	0.73	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	32.31	0.2800	32.05	0.3267	0.2090	130	0.81	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	32.32	0.2400	32.05	0.3267	0.2090	130	0.84	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	32.33	0.0300	32.05	0.3267	0.2090	130	0.85	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	32.35	0.3000	32.05	0.3267	0.2090	130	0.93	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	32.37	0.0800	32.05	0.3267	0.2090	130	0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2012	32.37	0.2200	32.05	0.3267	0.2090	130	0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2242	32.38	0.4300	32.05	0.3267	0.2090	130	1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	32.38	0.0010	32.05	0.3267	0.2090	130	1.03	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2307	32.39	0.0300	32.05	0.3267	0.2090	130	1.04	1%	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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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	32.39	0.0000	32.05	0.3267	0.2090	130	1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	32.40	0.1500	32.05	0.3267	0.2090	130	1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	32.41	0.0625	32.05	0.3267	0.2090	130	1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	32.42	0.0500	32.05	0.3267	0.2090	130	1.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	32.45	0.3000	32.05	0.3267	0.2090	130	1.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	32.46	0.7200	32.05	0.3267	0.2090	130	1.27	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	32.48	0.4500	32.05	0.3267	0.2090	130	1.31	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	32.48	0.0220	32.05	0.3267	0.2090	130	1.32	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	32.48	0.2800	32.05	0.3267	0.2090	130	1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	32.54	0.9300	32.05	0.3267	0.2090	130	1.50	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	32.58	0.1800	32.05	0.3267	0.2090	130	1.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	32.61	0.1000	32.05	0.3267	0.2090	130	1.73	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0300	32.63	0.8900	32.05	0.3267	0.2090	130	1.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	32.66	0.3100	32.05	0.3267	0.2090	130	1.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0417	32.72	0.6100	32.05	0.3267	0.2090	130	2.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	32.75	0.0100	32.05	0.3267	0.2090	130	2.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	32.76	0.1700	32.05	0.3267	0.2090	130	2.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	32.77	0.3300	32.05	0.3267	0.2090	130	2.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0011	32.90	0.4000	32.05	0.3267	0.2090	130	2.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	33.11	0.2220	32.05	0.3267	0.2090	130	3.25	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	32.00	1.200	32.05	0.3267	0.2090	130	-0.14	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	32.03	1.060	32.05	0.3267	0.2090	130	-0.05	0%	1
002.08	Protein, Crude, Cu/Ti (%)	2136	31.70	0.2000				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	31.76	0.0300				2			0
002.11	Protein, Crude, NIR (%)	0297	30.28	0.1600	32.08	1.622	0.1120	5			0
002.11	Protein, Crude, NIR (%)	0553	30.33	0.1800	32.08	1.622	0.1120	5			0
002.11	Protein, Crude, NIR (%)	0405	33.25	0.0300	32.08	1.622	0.1120	5			0
002.11	Protein, Crude, NIR (%)	0889	33.26	0.1900	32.08	1.622	0.1120	5			0
002.11	Protein, Crude, NIR (%)	0011	33.30	0.0000	32.08	1.622	0.1120	5			0
002.99	Protein, Crude, Miscellaneous (%)	0643	32.44	0.1400				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	7.515	0.1700	7.616	0.1106	0.0941	8	-0.91	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	7.515	0.0500	7.616	0.1106	0.0941	8	-0.91	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0683	7.580	0.1200	7.616	0.1106	0.0941	8	-0.32	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	7.583	0.0626	7.616	0.1106	0.0941	8	-0.29	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	7.585	0.1100	7.616	0.1106	0.0941	8	-0.28	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	7.625	0.0300	7.616	0.1106	0.0941	8	0.09	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0142	7.740	0.1200	7.616	0.1106	0.0941	8	1.12	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2115	7.915	0.0900	7.616	0.1106	0.0941	8	2.71	2%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	7.555	0.0300				1			0
003.06	Fat, Crude, Pet Ether (%)	0884	7.300	0.6000	7.585	0.2127	0.1672	14	-1.34	2%	0
003.06	Fat, Crude, Pet Ether (%)	0682	7.340	0.0000	7.585	0.2127	0.1672	14	-1.15	2%	0
003.06	Fat, Crude, Pet Ether (%)	2181	7.390	0.1200	7.585	0.2127	0.1672	14	-0.92	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	
003.06	Fat, Crude, Pet Ether (%)	0687	7.450	0.3000	7.585	0.2127	0.1672	14	-0.64	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	7.467	0.0610	7.585	0.2127	0.1672	14	-0.56	1%	0
003.06	Fat, Crude, Pet Ether (%)	0297	7.515	0.0300	7.585	0.2127	0.1672	14	-0.33	0%	0
003.06	Fat, Crude, Pet Ether (%)	0294	7.550	0.0200	7.585	0.2127	0.1672	14	-0.17	0%	0
003.06	Fat, Crude, Pet Ether (%)	0939	7.575	0.0100	7.585	0.2127	0.1672	14	-0.05	0%	0
003.06	Fat, Crude, Pet Ether (%)	0910	7.680	0.0200	7.585	0.2127	0.1672	14	0.44	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	7.700	0.4000	7.585	0.2127	0.1672	14	0.54	1%	0
003.06	Fat, Crude, Pet Ether (%)	0169	7.710	0.0800	7.585	0.2127	0.1672	14	0.59	1%	0
003.06	Fat, Crude, Pet Ether (%)	2033	7.790	0.0400	7.585	0.2127	0.1672	14	0.96	1%	0
003.06	Fat, Crude, Pet Ether (%)	0918	7.825	0.0300	7.585	0.2127	0.1672	14	1.13	2%	0
003.06	Fat, Crude, Pet Ether (%)	2268	10.54	0.6300	7.585	0.2127	0.1672	14	13.87	19%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	6.885	0.0100	7.591	0.3269	0.1818	14	-2.16	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	7.320	0.0600	7.591	0.3269	0.1818	14	-0.83	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0512	7.358	0.5210	7.591	0.3269	0.1818	14	-0.71	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	7.420	0.1800	7.591	0.3269	0.1818	14	-0.52	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	7.420	0.0800	7.591	0.3269	0.1818	14	-0.52	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	7.443	0.3035	7.591	0.3269	0.1818	14	-0.45	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	7.450	0.2000	7.591	0.3269	0.1818	14	-0.43	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0674	7.550	0.0000	7.591	0.3269	0.1818	14	-0.13	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	7.700	0.0200	7.591	0.3269	0.1818	14	0.33	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	7.720	0.2800	7.591	0.3269	0.1818	14	0.39	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2012	7.805	0.0500	7.591	0.3269	0.1818	14	0.65	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	7.825	0.0900	7.591	0.3269	0.1818	14	0.72	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	8.235	0.0700	7.591	0.3269	0.1818	14	1.97	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0038	11.37	0.6800	7.591	0.3269	0.1818	14	11.55	25%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	7.265	0.0300	7.532	0.1386	0.0831	25	-1.93	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2162	7.305	0.0900	7.532	0.1386	0.0831	25	-1.64	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	7.393	0.0476	7.532	0.1386	0.0831	25	-1.01	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	7.397	0.0130	7.532	0.1386	0.0831	25	-0.98	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	7.427	0.0874	7.532	0.1386	0.0831	25	-0.76	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	7.430	0.0400	7.532	0.1386	0.0831	25	-0.74	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	7.435	0.0700	7.532	0.1386	0.0831	25	-0.70	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	7.460	0.0890	7.532	0.1386	0.0831	25	-0.52	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	7.470	0.3800	7.532	0.1386	0.0831	25	-0.45	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2136	7.480	0.0200	7.532	0.1386	0.0831	25	-0.38	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	7.487	0.0199	7.532	0.1386	0.0831	25	-0.33	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	7.500	0.0000	7.532	0.1386	0.0831	25	-0.23	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	7.515	0.0700	7.532	0.1386	0.0831	25	-0.12	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	7.545	0.0900	7.532	0.1386	0.0831	25	0.09	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	7.550	0.1600	7.532	0.1386	0.0831	25	0.13	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	7.560	0.0000	7.532	0.1386	0.0831	25	0.20	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	7.600	0.2000	7.532	0.1386	0.0831	25	0.49	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	
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	7.615	0.0500	7.532	0.1386	0.0831	25	0.60	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	7.620	0.0400	7.532	0.1386	0.0831	25	0.63	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	7.640	0.1600	7.532	0.1386	0.0831	25	0.78	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	7.660	0.0000	7.532	0.1386	0.0831	25	0.92	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	7.680	0.0800	7.532	0.1386	0.0831	25	1.07	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	7.725	0.1700	7.532	0.1386	0.0831	25	1.39	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	7.726	0.0250	7.532	0.1386	0.0831	25	1.40	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	7.835	0.1460	7.532	0.1386	0.0831	25	2.19	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	7.530	0.4800	7.532	0.1386	0.0831	25	-0.01	0%	1
003.11	Fat, Crude, NIR (%)	0889	7.340	0.0300	9.351	1.211	0.0280	5			0
003.11	Fat, Crude, NIR (%)	0011	9.300	0.0000	9.351	1.211	0.0280	5			0
003.11	Fat, Crude, NIR (%)	0297	9.755	0.0700	9.351	1.211	0.0280	5			0
003.11	Fat, Crude, NIR (%)	2232	9.805	0.0300	9.351	1.211	0.0280	5			0
003.11	Fat, Crude, NIR (%)	0405	10.56	0.0100	9.351	1.211	0.0280	5			0
003.12	Fat, Crude, Hexane Ext (%)	2295	7.055	0.0100				2			0
003.12	Fat, Crude, Hexane Ext (%)	2152	7.620	0.0800				2			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	6.855	0.1300	7.655	0.5456	0.1849	8	-1.47	5%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	7.260	0.4800	7.655	0.5456	0.1849	8	-0.72	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	7.510	0.0400	7.655	0.5456	0.1849	8	-0.27	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	7.650	0.1200	7.655	0.5456	0.1849	8	-0.01	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	7.720	0.1800	7.655	0.5456	0.1849	8	0.12	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2291	7.785	0.0300	7.655	0.5456	0.1849	8	0.24	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	7.989	0.2993	7.655	0.5456	0.1849	8	0.61	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0033	11.10	0.2000	7.655	0.5456	0.1849	8	6.31	22%	0
003.14	Fat, Crude, Ankom (%)	2207	7.120	0.1000	7.625	0.1910	0.1091	40	-2.64	3%	0
003.14	Fat, Crude, Ankom (%)	0037	7.170	0.0400	7.625	0.1910	0.1091	40	-2.38	3%	0
003.14	Fat, Crude, Ankom (%)	2129	7.313	0.0610	7.625	0.1910	0.1091	40	-1.63	2%	0
003.14	Fat, Crude, Ankom (%)	0298	7.370	0.0200	7.625	0.1910	0.1091	40	-1.33	2%	0
003.14	Fat, Crude, Ankom (%)	2076	7.397	0.3360	7.625	0.1910	0.1091	40	-1.19	1%	0
003.14	Fat, Crude, Ankom (%)	0144	7.415	0.0100	7.625	0.1910	0.1091	40	-1.10	1%	0
003.14	Fat, Crude, Ankom (%)	0066	7.475	0.0900	7.625	0.1910	0.1091	40	-0.78	1%	0
003.14	Fat, Crude, Ankom (%)	0186	7.480	0.0400	7.625	0.1910	0.1091	40	-0.76	1%	0
003.14	Fat, Crude, Ankom (%)	2115	7.485	0.4100	7.625	0.1910	0.1091	40	-0.73	1%	0
003.14	Fat, Crude, Ankom (%)	0202	7.490	0.3000	7.625	0.1910	0.1091	40	-0.71	1%	0
003.14	Fat, Crude, Ankom (%)	0529	7.495	0.1700	7.625	0.1910	0.1091	40	-0.68	1%	0
003.14	Fat, Crude, Ankom (%)	0175	7.535	0.0700	7.625	0.1910	0.1091	40	-0.47	1%	0
003.14	Fat, Crude, Ankom (%)	0358	7.540	0.0400	7.625	0.1910	0.1091	40	-0.44	1%	0
003.14	Fat, Crude, Ankom (%)	0089	7.550	0.0000	7.625	0.1910	0.1091	40	-0.39	0%	0
003.14	Fat, Crude, Ankom (%)	0956	7.550	0.1000	7.625	0.1910	0.1091	40	-0.39	0%	0
003.14	Fat, Crude, Ankom (%)	0574	7.585	0.0500	7.625	0.1910	0.1091	40	-0.21	0%	0
003.14	Fat, Crude, Ankom (%)	0581	7.585	0.0100	7.625	0.1910	0.1091	40	-0.21	0%	0
003.14	Fat, Crude, Ankom (%)	0001	7.593	0.0200	7.625	0.1910	0.1091	40	-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	
003.14	Fat, Crude, Ankom (%)	0878	7.595	0.0500	7.625	0.1910	0.1091	40	-0.16	0%	0
003.14	Fat, Crude, Ankom (%)	0726	7.610	0.0400	7.625	0.1910	0.1091	40	-0.08	0%	0
003.14	Fat, Crude, Ankom (%)	0148	7.625	0.2100	7.625	0.1910	0.1091	40	0.00	0%	0
003.14	Fat, Crude, Ankom (%)	0598	7.625	0.0100	7.625	0.1910	0.1091	40	0.00	0%	0
003.14	Fat, Crude, Ankom (%)	0619	7.645	0.0700	7.625	0.1910	0.1091	40	0.11	0%	0
003.14	Fat, Crude, Ankom (%)	0876	7.650	0.1000	7.625	0.1910	0.1091	40	0.13	0%	0
003.14	Fat, Crude, Ankom (%)	0019	7.680	0.0000	7.625	0.1910	0.1091	40	0.29	0%	0
003.14	Fat, Crude, Ankom (%)	0968	7.691	0.0790	7.625	0.1910	0.1091	40	0.34	0%	0
003.14	Fat, Crude, Ankom (%)	0868	7.695	0.0700	7.625	0.1910	0.1091	40	0.37	0%	0
003.14	Fat, Crude, Ankom (%)	0692	7.700	0.4000	7.625	0.1910	0.1091	40	0.39	0%	0
003.14	Fat, Crude, Ankom (%)	0083	7.730	0.1200	7.625	0.1910	0.1091	40	0.55	1%	0
003.14	Fat, Crude, Ankom (%)	0278	7.750	0.1000	7.625	0.1910	0.1091	40	0.66	1%	0
003.14	Fat, Crude, Ankom (%)	0357	7.750	0.1000	7.625	0.1910	0.1091	40	0.66	1%	0
003.14	Fat, Crude, Ankom (%)	0265	7.760	0.1400	7.625	0.1910	0.1091	40	0.71	1%	0
003.14	Fat, Crude, Ankom (%)	0948	7.760	0.1600	7.625	0.1910	0.1091	40	0.71	1%	0
003.14	Fat, Crude, Ankom (%)	0407	7.784	0.0378	7.625	0.1910	0.1091	40	0.83	1%	0
003.14	Fat, Crude, Ankom (%)	0190	7.855	0.0500	7.625	0.1910	0.1091	40	1.21	2%	0
003.14	Fat, Crude, Ankom (%)	0682	7.880	0.0000	7.625	0.1910	0.1091	40	1.34	2%	0
003.14	Fat, Crude, Ankom (%)	0520	8.245	0.0100	7.625	0.1910	0.1091	40	3.25	4%	0
003.14	Fat, Crude, Ankom (%)	0860	10.10	0.0000	7.625	0.1910	0.1091	40	12.96	16%	0
003.14	Fat, Crude, Ankom (%)	0853	10.20	0.2000	7.625	0.1910	0.1091	40	13.48	17%	0
003.14	Fat, Crude, Ankom (%)	0009	10.69	0.5500	7.625	0.1910	0.1091	40	16.02	20%	0
003.14	Fat, Crude, Ankom (%)	0300	7.300	0.6200	7.625	0.1910	0.1091	40	-1.70	2%	1
003.99	Fat, Crude, Miscellaneous (%)	0536	7.380	0.1200				3			0
003.99	Fat, Crude, Miscellaneous (%)	0880	7.500	0.0000				3			0
003.99	Fat, Crude, Miscellaneous (%)	0941	10.60	0.1400				3			0
004.00	Fiber, Crude, Asbestos Free (%)	0169	4.100	0.2000	4.847	0.5707	0.2289	12	-1.31	8%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	4.140	0.1200	4.847	0.5707	0.2289	12	-1.24	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	4.350	0.1000	4.847	0.5707	0.2289	12	-0.87	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	4.500	0.0000	4.847	0.5707	0.2289	12	-0.61	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	4.815	0.1500	4.847	0.5707	0.2289	12	-0.06	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	4.825	0.1500	4.847	0.5707	0.2289	12	-0.04	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	4.845	0.0580	4.847	0.5707	0.2289	12	0.00	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	5.050	0.0400	4.847	0.5707	0.2289	12	0.36	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	5.148	0.5782	4.847	0.5707	0.2289	12	0.53	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2264	5.288	0.6008	4.847	0.5707	0.2289	12	0.77	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	5.395	0.4500	4.847	0.5707	0.2289	12	0.96	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	5.850	0.3000	4.847	0.5707	0.2289	12	1.76	10%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	5.350	1.300	4.847	0.5707	0.2289	12	0.88	5%	1
004.01	Fiber, Crude, Sing Filt (%)	0366	6.950	0.5000				1			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	2.330	0.2400	4.261	1.294	0.2260	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0921	3.645	0.4700	4.261	1.294	0.2260	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			
004.03	Fiber, Crude, Fritted Glass (%)	0353	4.630	0.0800	4.261	1.294	0.2260	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	5.150	0.0200	4.261	1.294	0.2260	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0904	5.550	0.3200	4.261	1.294	0.2260	5			0
004.06	Fiber, Crude, Fibertec (%)	0868	3.885	0.0300	4.900	0.5374	0.1768	19	-1.89	10%	0
004.06	Fiber, Crude, Fibertec (%)	0098	4.305	0.1900	4.900	0.5374	0.1768	19	-1.11	6%	0
004.06	Fiber, Crude, Fibertec (%)	0968	4.325	0.2430	4.900	0.5374	0.1768	19	-1.07	6%	0
004.06	Fiber, Crude, Fibertec (%)	2115	4.445	0.0100	4.900	0.5374	0.1768	19	-0.85	5%	0
004.06	Fiber, Crude, Fibertec (%)	0674	4.550	0.0000	4.900	0.5374	0.1768	19	-0.65	4%	0
004.06	Fiber, Crude, Fibertec (%)	2022	4.560	0.2000	4.900	0.5374	0.1768	19	-0.63	3%	0
004.06	Fiber, Crude, Fibertec (%)	0512	4.619	0.2940	4.900	0.5374	0.1768	19	-0.52	3%	0
004.06	Fiber, Crude, Fibertec (%)	0948	4.719	0.1030	4.900	0.5374	0.1768	19	-0.34	2%	0
004.06	Fiber, Crude, Fibertec (%)	2006	4.725	0.0100	4.900	0.5374	0.1768	19	-0.33	2%	0
004.06	Fiber, Crude, Fibertec (%)	0878	4.810	0.0800	4.900	0.5374	0.1768	19	-0.17	1%	0
004.06	Fiber, Crude, Fibertec (%)	2295	4.965	0.0100	4.900	0.5374	0.1768	19	0.12	1%	0
004.06	Fiber, Crude, Fibertec (%)	0941	5.075	0.2100	4.900	0.5374	0.1768	19	0.32	2%	0
004.06	Fiber, Crude, Fibertec (%)	0689	5.150	0.5000	4.900	0.5374	0.1768	19	0.46	3%	0
004.06	Fiber, Crude, Fibertec (%)	0638	5.300	0.6000	4.900	0.5374	0.1768	19	0.74	4%	0
004.06	Fiber, Crude, Fibertec (%)	0897	5.320	0.0000	4.900	0.5374	0.1768	19	0.78	4%	0
004.06	Fiber, Crude, Fibertec (%)	0918	5.370	0.2200	4.900	0.5374	0.1768	19	0.87	5%	0
004.06	Fiber, Crude, Fibertec (%)	0845	5.515	0.3500	4.900	0.5374	0.1768	19	1.14	6%	0
004.06	Fiber, Crude, Fibertec (%)	2291	5.555	0.2100	4.900	0.5374	0.1768	19	1.22	7%	0
004.06	Fiber, Crude, Fibertec (%)	2314	5.750	0.1000	4.900	0.5374	0.1768	19	1.58	9%	0
004.07	Fiber, Crude, ANKOM (%)	0042	1.925	0.0900	4.532	0.6253	0.2067	67	-4.17	29%	0
004.07	Fiber, Crude, ANKOM (%)	0202	2.900	1.160	4.532	0.6253	0.2067	67	-2.61	18%	0
004.07	Fiber, Crude, ANKOM (%)	2304	3.445	0.2700	4.532	0.6253	0.2067	67	-1.74	12%	0
004.07	Fiber, Crude, ANKOM (%)	0675	3.540	0.1400	4.532	0.6253	0.2067	67	-1.59	11%	0
004.07	Fiber, Crude, ANKOM (%)	0190	3.550	0.1000	4.532	0.6253	0.2067	67	-1.57	11%	0
004.07	Fiber, Crude, ANKOM (%)	0708	3.600	0.2000	4.532	0.6253	0.2067	67	-1.49	10%	0
004.07	Fiber, Crude, ANKOM (%)	0956	3.600	0.0000	4.532	0.6253	0.2067	67	-1.49	10%	0
004.07	Fiber, Crude, ANKOM (%)	2115	3.720	0.0800	4.532	0.6253	0.2067	67	-1.30	9%	0
004.07	Fiber, Crude, ANKOM (%)	2053	3.805	0.0900	4.532	0.6253	0.2067	67	-1.16	8%	0
004.07	Fiber, Crude, ANKOM (%)	2109	3.895	0.1700	4.532	0.6253	0.2067	67	-1.02	7%	0
004.07	Fiber, Crude, ANKOM (%)	0682	3.900	0.0000	4.532	0.6253	0.2067	67	-1.01	7%	0
004.07	Fiber, Crude, ANKOM (%)	2188	3.910	0.0000	4.532	0.6253	0.2067	67	-1.00	7%	0
004.07	Fiber, Crude, ANKOM (%)	0590	3.915	0.0100	4.532	0.6253	0.2067	67	-0.99	7%	0
004.07	Fiber, Crude, ANKOM (%)	0407	4.128	0.1541	4.532	0.6253	0.2067	67	-0.65	4%	0
004.07	Fiber, Crude, ANKOM (%)	0644	4.133	0.1040	4.532	0.6253	0.2067	67	-0.64	4%	0
004.07	Fiber, Crude, ANKOM (%)	0848	4.145	0.1100	4.532	0.6253	0.2067	67	-0.62	4%	0
004.07	Fiber, Crude, ANKOM (%)	0019	4.185	0.3700	4.532	0.6253	0.2067	67	-0.56	4%	0
004.07	Fiber, Crude, ANKOM (%)	0726	4.260	0.0000	4.532	0.6253	0.2067	67	-0.44	3%	0
004.07	Fiber, Crude, ANKOM (%)	0939	4.285	0.0300	4.532	0.6253	0.2067	67	-0.40	3%	0
004.07	Fiber, Crude, ANKOM (%)	0300	4.365	0.0100	4.532	0.6253	0.2067	67	-0.27	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	
004.07	Fiber, Crude, ANKOM (%)	0265	4.375	0.7500	4.532	0.6253	0.2067	67	-0.25	2%	0
004.07	Fiber, Crude, ANKOM (%)	0968	4.396	0.0680	4.532	0.6253	0.2067	67	-0.22	2%	0
004.07	Fiber, Crude, ANKOM (%)	2136	4.400	0.7800	4.532	0.6253	0.2067	67	-0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	0144	4.410	0.2200	4.532	0.6253	0.2067	67	-0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	0860	4.440	0.0000	4.532	0.6253	0.2067	67	-0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	2009	4.445	0.0389	4.532	0.6253	0.2067	67	-0.14	1%	0
004.07	Fiber, Crude, ANKOM (%)	0876	4.450	0.9000	4.532	0.6253	0.2067	67	-0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	2207	4.480	0.0400	4.532	0.6253	0.2067	67	-0.08	1%	0
004.07	Fiber, Crude, ANKOM (%)	0242	4.485	0.1700	4.532	0.6253	0.2067	67	-0.08	1%	0
004.07	Fiber, Crude, ANKOM (%)	0683	4.490	0.3000	4.532	0.6253	0.2067	67	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0083	4.495	0.0100	4.532	0.6253	0.2067	67	-0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0619	4.495	0.1100	4.532	0.6253	0.2067	67	-0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0910	4.500	0.2000	4.532	0.6253	0.2067	67	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	2033	4.500	0.0000	4.532	0.6253	0.2067	67	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0354	4.530	0.0200	4.532	0.6253	0.2067	67	0.00	0%	0
004.07	Fiber, Crude, ANKOM (%)	0510	4.550	0.1000	4.532	0.6253	0.2067	67	0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0529	4.560	0.0000	4.532	0.6253	0.2067	67	0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	2181	4.560	0.0000	4.532	0.6253	0.2067	67	0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0100	4.580	0.7200	4.532	0.6253	0.2067	67	0.08	1%	0
004.07	Fiber, Crude, ANKOM (%)	0653	4.590	0.2600	4.532	0.6253	0.2067	67	0.09	1%	0
004.07	Fiber, Crude, ANKOM (%)	0009	4.615	0.3700	4.532	0.6253	0.2067	67	0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	0098	4.615	0.0300	4.532	0.6253	0.2067	67	0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	0263	4.635	0.0690	4.532	0.6253	0.2067	67	0.16	1%	0
004.07	Fiber, Crude, ANKOM (%)	0870	4.638	0.2423	4.532	0.6253	0.2067	67	0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	2193	4.655	0.0700	4.532	0.6253	0.2067	67	0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	0066	4.700	0.2600	4.532	0.6253	0.2067	67	0.27	2%	0
004.07	Fiber, Crude, ANKOM (%)	0536	4.700	0.0000	4.532	0.6253	0.2067	67	0.27	2%	0
004.07	Fiber, Crude, ANKOM (%)	0948	4.714	0.0550	4.532	0.6253	0.2067	67	0.29	2%	0
004.07	Fiber, Crude, ANKOM (%)	0123	4.740	0.0800	4.532	0.6253	0.2067	67	0.33	2%	0
004.07	Fiber, Crude, ANKOM (%)	2307	4.740	0.0200	4.532	0.6253	0.2067	67	0.33	2%	0
004.07	Fiber, Crude, ANKOM (%)	0598	4.780	0.0400	4.532	0.6253	0.2067	67	0.40	3%	0
004.07	Fiber, Crude, ANKOM (%)	2196	4.850	0.0000	4.532	0.6253	0.2067	67	0.51	4%	0
004.07	Fiber, Crude, ANKOM (%)	0581	4.900	0.2000	4.532	0.6253	0.2067	67	0.59	4%	0
004.07	Fiber, Crude, ANKOM (%)	0297	4.910	0.6400	4.532	0.6253	0.2067	67	0.60	4%	0
004.07	Fiber, Crude, ANKOM (%)	0553	4.965	0.3900	4.532	0.6253	0.2067	67	0.69	5%	0
004.07	Fiber, Crude, ANKOM (%)	0294	5.150	0.1000	4.532	0.6253	0.2067	67	0.99	7%	0
004.07	Fiber, Crude, ANKOM (%)	0511	5.250	0.7000	4.532	0.6253	0.2067	67	1.15	8%	0
004.07	Fiber, Crude, ANKOM (%)	0045	5.400	1.200	4.532	0.6253	0.2067	67	1.39	10%	0
004.07	Fiber, Crude, ANKOM (%)	0298	5.400	0.2000	4.532	0.6253	0.2067	67	1.39	10%	0
004.07	Fiber, Crude, ANKOM (%)	0520	5.800	0.2000	4.532	0.6253	0.2067	67	2.03	14%	0
004.07	Fiber, Crude, ANKOM (%)	0034	5.820	0.2000	4.532	0.6253	0.2067	67	2.06	14%	0
004.07	Fiber, Crude, ANKOM (%)	2259	5.828	0.0250	4.532	0.6253	0.2067	67	2.07	14%	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 (%)	0089	5.915	0.0300	4.532	0.6253	0.2067	67	2.21	15%	0
004.07	Fiber, Crude, ANKOM (%)	0554	5.985	0.0500	4.532	0.6253	0.2067	67	2.32	16%	0
004.07	Fiber, Crude, ANKOM (%)	2012	6.475	0.1300	4.532	0.6253	0.2067	67	3.11	21%	0
004.07	Fiber, Crude, ANKOM (%)	0693	7.093	0.5750	4.532	0.6253	0.2067	67	4.09	28%	0
004.07	Fiber, Crude, ANKOM (%)	0278	11.20	0.2000	4.532	0.6253	0.2067	67	10.66	74%	0
004.07	Fiber, Crude, ANKOM (%)	0643	6.845	2.270	4.532	0.6253	0.2067	67	3.70	26%	1
004.07	Fiber, Crude, ANKOM (%)	0889	0.0000	0.0000	4.532	0.6253	0.2067	67			4
004.11	Fiber, Crude, NIR (%)	0405	2.915	0.0100				3			0
004.11	Fiber, Crude, NIR (%)	0011	6.900	0.0000				3			0
004.11	Fiber, Crude, NIR (%)	0889	6.928	0.0650				3			0
004.99	Fiber, Crude, Miscellaneous (%)	2146	3.875	0.2300				3			0
004.99	Fiber, Crude, Miscellaneous (%)	0610	4.510	0.0400				3			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	5.012	0.0810				3			0
005.00	Ash, 2h @ 600°C (%)	0674	6.160	0.0000	6.865	0.1004	0.0753	86	-7.02	5%	0
005.00	Ash, 2h @ 600°C (%)	0589	6.540	0.2000	6.865	0.1004	0.0753	86	-3.24	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	6.600	0.0200	6.865	0.1004	0.0753	86	-2.64	2%	0
005.00	Ash, 2h @ 600°C (%)	0425	6.600	0.2000	6.865	0.1004	0.0753	86	-2.64	2%	0
005.00	Ash, 2h @ 600°C (%)	2033	6.650	0.1000	6.865	0.1004	0.0753	86	-2.14	2%	0
005.00	Ash, 2h @ 600°C (%)	0358	6.665	0.1500	6.865	0.1004	0.0753	86	-1.99	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	6.700	0.0000	6.865	0.1004	0.0753	86	-1.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	6.700	0.0000	6.865	0.1004	0.0753	86	-1.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	6.705	0.1300	6.865	0.1004	0.0753	86	-1.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	6.720	0.1200	6.865	0.1004	0.0753	86	-1.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	6.730	0.2200	6.865	0.1004	0.0753	86	-1.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0853	6.750	0.1000	6.865	0.1004	0.0753	86	-1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	2307	6.755	0.0100	6.865	0.1004	0.0753	86	-1.10	1%	0
005.00	Ash, 2h @ 600°C (%)	2268	6.760	0.0600	6.865	0.1004	0.0753	86	-1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	2259	6.766	0.0350	6.865	0.1004	0.0753	86	-0.99	1%	0
005.00	Ash, 2h @ 600°C (%)	0574	6.775	0.3300	6.865	0.1004	0.0753	86	-0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	6.795	0.0300	6.865	0.1004	0.0753	86	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	6.799	0.0279	6.865	0.1004	0.0753	86	-0.65	0%	0
005.00	Ash, 2h @ 600°C (%)	0366	6.800	0.0000	6.865	0.1004	0.0753	86	-0.65	0%	0
005.00	Ash, 2h @ 600°C (%)	0278	6.800	0.1400	6.865	0.1004	0.0753	86	-0.65	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	6.805	0.0100	6.865	0.1004	0.0753	86	-0.60	0%	0
005.00	Ash, 2h @ 600°C (%)	0539	6.810	0.0600	6.865	0.1004	0.0753	86	-0.55	0%	0
005.00	Ash, 2h @ 600°C (%)	2181	6.810	0.0400	6.865	0.1004	0.0753	86	-0.55	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	6.811	0.2149	6.865	0.1004	0.0753	86	-0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0345	6.815	0.1100	6.865	0.1004	0.0753	86	-0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0062	6.817	0.0048	6.865	0.1004	0.0753	86	-0.48	0%	0
005.00	Ash, 2h @ 600°C (%)	2073	6.825	0.0700	6.865	0.1004	0.0753	86	-0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	2232	6.825	0.1500	6.865	0.1004	0.0753	86	-0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	6.828	0.0159	6.865	0.1004	0.0753	86	-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 (%)	0035	6.830	0.0800	6.865	0.1004	0.0753	86	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	6.830	0.0400	6.865	0.1004	0.0753	86	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	6.830	0.0794	6.865	0.1004	0.0753	86	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	6.830	0.1400	6.865	0.1004	0.0753	86	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	2242	6.830	0.0400	6.865	0.1004	0.0753	86	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	6.835	0.0300	6.865	0.1004	0.0753	86	-0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	6.840	0.0200	6.865	0.1004	0.0753	86	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0417	6.840	0.0000	6.865	0.1004	0.0753	86	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	6.845	0.0900	6.865	0.1004	0.0753	86	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	6.845	0.0300	6.865	0.1004	0.0753	86	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0620	6.847	0.0358	6.865	0.1004	0.0753	86	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2193	6.850	0.0000	6.865	0.1004	0.0753	86	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	6.855	0.1700	6.865	0.1004	0.0753	86	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0175	6.870	0.0400	6.865	0.1004	0.0753	86	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	6.870	0.1400	6.865	0.1004	0.0753	86	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	6.870	0.0600	6.865	0.1004	0.0753	86	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0186	6.875	0.0900	6.865	0.1004	0.0753	86	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	6.885	0.2100	6.865	0.1004	0.0753	86	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	2312	6.890	0.1200	6.865	0.1004	0.0753	86	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	6.895	0.0500	6.865	0.1004	0.0753	86	0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	6.900	0.0400	6.865	0.1004	0.0753	86	0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	6.900	0.0200	6.865	0.1004	0.0753	86	0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0357	6.900	0.0000	6.865	0.1004	0.0753	86	0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	6.900	0.0000	6.865	0.1004	0.0753	86	0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	2115	6.900	0.1000	6.865	0.1004	0.0753	86	0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0845	6.905	0.0500	6.865	0.1004	0.0753	86	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	2156	6.905	0.0100	6.865	0.1004	0.0753	86	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	6.908	0.0030	6.865	0.1004	0.0753	86	0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	6.909	0.0260	6.865	0.1004	0.0753	86	0.44	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	6.910	0.0000	6.865	0.1004	0.0753	86	0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	2016	6.915	0.1500	6.865	0.1004	0.0753	86	0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	6.920	0.0000	6.865	0.1004	0.0753	86	0.55	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	6.920	0.0400	6.865	0.1004	0.0753	86	0.55	0%	0
005.00	Ash, 2h @ 600°C (%)	2124	6.930	0.0800	6.865	0.1004	0.0753	86	0.65	0%	0
005.00	Ash, 2h @ 600°C (%)	0309	6.932	0.0940	6.865	0.1004	0.0753	86	0.67	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	6.935	0.1300	6.865	0.1004	0.0753	86	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	6.940	0.0400	6.865	0.1004	0.0753	86	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	6.940	0.1400	6.865	0.1004	0.0753	86	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	6.940	0.0800	6.865	0.1004	0.0753	86	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	6.940	0.0800	6.865	0.1004	0.0753	86	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	6.945	0.0500	6.865	0.1004	0.0753	86	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	6.945	0.2300	6.865	0.1004	0.0753	86	0.80	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	
005.00	Ash, 2h @ 600°C (%)	0956	6.950	0.1000	6.865	0.1004	0.0753	86	0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0033	6.965	0.1500	6.865	0.1004	0.0753	86	1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	6.965	0.0700	6.865	0.1004	0.0753	86	1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	6.975	0.0700	6.865	0.1004	0.0753	86	1.10	1%	0
005.00	Ash, 2h @ 600°C (%)	2162	6.980	0.0200	6.865	0.1004	0.0753	86	1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	6.985	0.0900	6.865	0.1004	0.0753	86	1.20	1%	0
005.00	Ash, 2h @ 600°C (%)	2293	6.985	0.0100	6.865	0.1004	0.0753	86	1.20	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	6.990	0.0200	6.865	0.1004	0.0753	86	1.25	1%	0
005.00	Ash, 2h @ 600°C (%)	2219	6.995	0.0300	6.865	0.1004	0.0753	86	1.30	1%	0
005.00	Ash, 2h @ 600°C (%)	2220	6.995	0.0100	6.865	0.1004	0.0753	86	1.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	7.020	0.0200	6.865	0.1004	0.0753	86	1.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	7.020	0.1400	6.865	0.1004	0.0753	86	1.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	7.055	0.0100	6.865	0.1004	0.0753	86	1.89	1%	0
005.00	Ash, 2h @ 600°C (%)	2252	7.105	0.2300	6.865	0.1004	0.0753	86	2.39	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	7.735	0.1300	6.865	0.1004	0.0753	86	8.67	6%	0
005.00	Ash, 2h @ 600°C (%)	0297	7.250	0.5000	6.865	0.1004	0.0753	86	3.84	3%	1
005.02	Ash, LECO (%)	0644	6.515	0.0700				2			0
005.02	Ash, LECO (%)	0968	7.029	0.0090				2			0
005.03	Ash, Microwave furnace (%)	2304	6.830	0.0200				2			0
005.03	Ash, Microwave furnace (%)	2187	6.875	0.0500				2			0
005.05	Ash, 3h @ 550°C (%)	0638	6.450	0.0200	6.932	0.0971	0.0577	28	-4.97	3%	0
005.05	Ash, 3h @ 550°C (%)	0294	6.700	0.0000	6.932	0.0971	0.0577	28	-2.39	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	6.720	0.0660	6.932	0.0971	0.0577	28	-2.19	2%	0
005.05	Ash, 3h @ 550°C (%)	0692	6.800	0.0000	6.932	0.0971	0.0577	28	-1.36	1%	0
005.05	Ash, 3h @ 550°C (%)	0726	6.835	0.0100	6.932	0.0971	0.0577	28	-1.00	1%	0
005.05	Ash, 3h @ 550°C (%)	2295	6.855	0.0100	6.932	0.0971	0.0577	28	-0.80	1%	0
005.05	Ash, 3h @ 550°C (%)	2264	6.884	0.1110	6.932	0.0971	0.0577	28	-0.49	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	6.890	0.0600	6.932	0.0971	0.0577	28	-0.44	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	6.900	0.1400	6.932	0.0971	0.0577	28	-0.33	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	6.905	0.0300	6.932	0.0971	0.0577	28	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	6.910	0.0000	6.932	0.0971	0.0577	28	-0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	6.915	0.3500	6.932	0.0971	0.0577	28	-0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	6.935	0.0190	6.932	0.0971	0.0577	28	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	2291	6.935	0.0100	6.932	0.0971	0.0577	28	0.03	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	6.945	0.0300	6.932	0.0971	0.0577	28	0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0941	6.945	0.1700	6.932	0.0971	0.0577	28	0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	2012	6.945	0.0300	6.932	0.0971	0.0577	28	0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	6.955	0.0300	6.932	0.0971	0.0577	28	0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	6.955	0.0900	6.932	0.0971	0.0577	28	0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	6.970	0.0361	6.932	0.0971	0.0577	28	0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	6.980	0.0600	6.932	0.0971	0.0577	28	0.49	0%	0
005.05	Ash, 3h @ 550°C (%)	0065	6.993	0.0050	6.932	0.0971	0.0577	28	0.62	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 (%)	0653	7.020	0.0000	6.932	0.0971	0.0577	28	0.90	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	7.020	0.0000	6.932	0.0971	0.0577	28	0.90	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	7.035	0.1700	6.932	0.0971	0.0577	28	1.06	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	7.065	0.0100	6.932	0.0971	0.0577	28	1.37	1%	0
005.05	Ash, 3h @ 550°C (%)	0034	7.127	0.1480	6.932	0.0971	0.0577	28	2.00	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	7.155	0.0100	6.932	0.0971	0.0577	28	2.29	2%	0
005.05	Ash, 3h @ 550°C (%)	2314	12.85	0.9000	6.932	0.0971	0.0577	28	60.93	43%	2
005.11	Ash, NIR (%)	0297	8.700	0.3000				2			0
005.11	Ash, NIR (%)	0889	9.200	0.0800				2			0
005.99	Ash, Miscellaneous (%)	2081	6.180	0.0600	6.821	0.4306	0.0571	7	-1.49	5%	0
005.99	Ash, Miscellaneous (%)	2169	6.385	0.0500	6.821	0.4306	0.0571	7	-1.01	3%	0
005.99	Ash, Miscellaneous (%)	0202	6.945	0.1300	6.821	0.4306	0.0571	7	0.29	1%	0
005.99	Ash, Miscellaneous (%)	0884	6.950	0.1000	6.821	0.4306	0.0571	7	0.30	1%	0
005.99	Ash, Miscellaneous (%)	0536	7.050	0.0000	6.821	0.4306	0.0571	7	0.53	2%	0
005.99	Ash, Miscellaneous (%)	0652	7.100	0.0000	6.821	0.4306	0.0571	7	0.65	2%	0
005.99	Ash, Miscellaneous (%)	0676	7.140	0.0600	6.821	0.4306	0.0571	7	0.74	2%	0
005.99	Ash, Miscellaneous (%)	0910	7.050	0.5000	6.821	0.4306	0.0571	7	0.53	2%	1
006.00	Total Sugars, As sucrose (%)	0910	2.345	0.0300				2			0
006.00	Total Sugars, As sucrose (%)	0407	3.896	0.2520				2			0
006.99	Total Sugars, Miscellaneous (%)	0096	1.358	0.0881				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	2.850	0.5000				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	0038	4.487	0.6145	6.660	0.8126	0.3075	10	-2.67	16%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	5.945	0.1100	6.660	0.8126	0.3075	10	-0.88	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	6.195	0.1900	6.660	0.8126	0.3075	10	-0.57	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	6.217	0.1701	6.660	0.8126	0.3075	10	-0.55	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	6.695	0.3100	6.660	0.8126	0.3075	10	0.04	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	6.700	0.4000	6.660	0.8126	0.3075	10	0.05	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	7.010	0.2800	6.660	0.8126	0.3075	10	0.43	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	7.215	0.3700	6.660	0.8126	0.3075	10	0.68	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	7.450	0.5000	6.660	0.8126	0.3075	10	0.97	6%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	7.735	0.1300	6.660	0.8126	0.3075	10	1.32	8%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	6.890	0.0800				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	3.271	0.1240	6.844	1.382	0.3689	41	-2.59	26%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0590	4.185	0.4300	6.844	1.382	0.3689	41	-1.92	19%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	4.550	0.1000	6.844	1.382	0.3689	41	-1.66	17%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	4.610	0.1800	6.844	1.382	0.3689	41	-1.62	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	4.835	0.0500	6.844	1.382	0.3689	41	-1.45	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	5.525	0.1500	6.844	1.382	0.3689	41	-0.95	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0653	5.660	0.1000	6.844	1.382	0.3689	41	-0.86	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	5.790	0.3260	6.844	1.382	0.3689	41	-0.76	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	5.860	0.0400	6.844	1.382	0.3689	41	-0.71	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	5.865	0.1500	6.844	1.382	0.3689	41	-0.71	7%	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	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	6.035	0.0700	6.844	1.382	0.3689	41	-0.59	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	6.075	0.0500	6.844	1.382	0.3689	41	-0.56	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	6.164	0.5067	6.844	1.382	0.3689	41	-0.49	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	6.305	0.7100	6.844	1.382	0.3689	41	-0.39	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	6.335	0.0100	6.844	1.382	0.3689	41	-0.37	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	6.335	0.6900	6.844	1.382	0.3689	41	-0.37	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	6.570	0.3400	6.844	1.382	0.3689	41	-0.20	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	6.678	0.4556	6.844	1.382	0.3689	41	-0.12	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	6.685	0.0900	6.844	1.382	0.3689	41	-0.12	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2136	6.905	1.010	6.844	1.382	0.3689	41	0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	6.915	0.2900	6.844	1.382	0.3689	41	0.05	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	7.005	0.2100	6.844	1.382	0.3689	41	0.12	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	7.021	0.0600	6.844	1.382	0.3689	41	0.13	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	7.085	1.613	6.844	1.382	0.3689	41	0.17	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	7.100	1.000	6.844	1.382	0.3689	41	0.19	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	7.110	0.0000	6.844	1.382	0.3689	41	0.19	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	7.135	0.1500	6.844	1.382	0.3689	41	0.21	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	7.223	0.0100	6.844	1.382	0.3689	41	0.27	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	7.370	0.0600	6.844	1.382	0.3689	41	0.38	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	7.705	1.110	6.844	1.382	0.3689	41	0.62	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	7.770	0.4000	6.844	1.382	0.3689	41	0.67	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	7.810	0.1000	6.844	1.382	0.3689	41	0.70	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	8.150	0.5000	6.844	1.382	0.3689	41	0.95	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	8.150	0.5000	6.844	1.382	0.3689	41	0.95	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	8.250	0.7000	6.844	1.382	0.3689	41	1.02	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2012	8.315	0.4500	6.844	1.382	0.3689	41	1.06	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	8.485	0.1100	6.844	1.382	0.3689	41	1.19	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	8.550	0.3000	6.844	1.382	0.3689	41	1.23	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	9.000	0.0000	6.844	1.382	0.3689	41	1.56	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	10.44	0.9810	6.844	1.382	0.3689	41	2.60	26%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	11.50	1.000	6.844	1.382	0.3689	41	3.37	34%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	6.835	0.0100				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	10.60	0.1600	13.10	1.538	0.2989	10	-1.62	10%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	11.15	0.1000	13.10	1.538	0.2989	10	-1.27	7%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	12.40	0.0000	13.10	1.538	0.2989	10	-0.45	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	12.80	0.2200	13.10	1.538	0.2989	10	-0.19	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	13.33	0.6400	13.10	1.538	0.2989	10	0.15	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	13.42	0.2300	13.10	1.538	0.2989	10	0.21	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	13.56	0.0600	13.10	1.538	0.2989	10	0.30	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	13.97	0.2788	13.10	1.538	0.2989	10	0.57	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	14.55	0.5000	13.10	1.538	0.2989	10	0.95	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	15.00	0.8000	13.10	1.538	0.2989	10	1.24	7%	0

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009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	10.65	0.3000	14.64	2.268	0.4908	40	-1.76	14%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	10.89	0.1700	14.64	2.268	0.4908	40	-1.65	13%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	11.88	0.0870	14.64	2.268	0.4908	40	-1.22	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	11.94	0.0400	14.64	2.268	0.4908	40	-1.19	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	12.45	0.0500	14.64	2.268	0.4908	40	-0.97	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	12.50	0.4000	14.64	2.268	0.4908	40	-0.94	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	12.50	0.1800	14.64	2.268	0.4908	40	-0.94	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2136	12.50	0.8000	14.64	2.268	0.4908	40	-0.94	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	12.72	0.5300	14.64	2.268	0.4908	40	-0.85	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	13.07	0.8165	14.64	2.268	0.4908	40	-0.69	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	13.13	1.690	14.64	2.268	0.4908	40	-0.67	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0638	13.40	0.0000	14.64	2.268	0.4908	40	-0.55	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	13.51	0.2350	14.64	2.268	0.4908	40	-0.50	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	13.60	0.3100	14.64	2.268	0.4908	40	-0.46	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	13.75	0.3000	14.64	2.268	0.4908	40	-0.39	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	13.80	0.2000	14.64	2.268	0.4908	40	-0.37	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	13.93	0.3700	14.64	2.268	0.4908	40	-0.31	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	14.02	0.9570	14.64	2.268	0.4908	40	-0.27	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0646	14.29	0.9600	14.64	2.268	0.4908	40	-0.15	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	14.38	1.240	14.64	2.268	0.4908	40	-0.11	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	14.70	1.400	14.64	2.268	0.4908	40	0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	14.71	0.0000	14.64	2.268	0.4908	40	0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	14.71	0.4350	14.64	2.268	0.4908	40	0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	15.10	0.2000	14.64	2.268	0.4908	40	0.20	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	15.15	0.1000	14.64	2.268	0.4908	40	0.23	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	15.20	0.3700	14.64	2.268	0.4908	40	0.25	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	15.37	0.6320	14.64	2.268	0.4908	40	0.32	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	15.57	0.3800	14.64	2.268	0.4908	40	0.41	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2012	15.82	0.9200	14.64	2.268	0.4908	40	0.52	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0653	15.84	0.0100	14.64	2.268	0.4908	40	0.53	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	16.01	0.0100	14.64	2.268	0.4908	40	0.60	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	16.50	0.4000	14.64	2.268	0.4908	40	0.82	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	16.50	0.2000	14.64	2.268	0.4908	40	0.82	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	16.88	0.1400	14.64	2.268	0.4908	40	0.99	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	17.74	0.2800	14.64	2.268	0.4908	40	1.37	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0590	17.85	0.7000	14.64	2.268	0.4908	40	1.42	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	17.96	0.9800	14.64	2.268	0.4908	40	1.46	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	19.36	0.6500	14.64	2.268	0.4908	40	2.08	16%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	20.41	0.8900	14.64	2.268	0.4908	40	2.54	20%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	20.55	1.300	14.64	2.268	0.4908	40	2.61	20%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	12.71	3.264	14.64	2.268	0.4908	40	-0.85	7%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	14.66	0.0900				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			
010.03	Moisture, Karl-Fischer (%)	0843	7.425	0.3900				2			0
010.03	Moisture, Karl-Fischer (%)	0164	7.615	0.0900				2			0
010.11	Moisture, NIR (%)	0553	6.475	0.0300				2			0
010.11	Moisture, NIR (%)	0889	8.160	0.1800				2			0
010.99	Moisture, Miscellaneous (%)	0620	6.307	0.0328	7.611	0.3547	0.0775	18	-3.68	9%	0
010.99	Moisture, Miscellaneous (%)	0964	7.169	0.0380	7.611	0.3547	0.0775	18	-1.25	3%	0
010.99	Moisture, Miscellaneous (%)	0941	7.310	0.2600	7.611	0.3547	0.0775	18	-0.85	2%	0
010.99	Moisture, Miscellaneous (%)	2129	7.352	0.0350	7.611	0.3547	0.0775	18	-0.73	2%	0
010.99	Moisture, Miscellaneous (%)	0726	7.365	0.0300	7.611	0.3547	0.0775	18	-0.69	2%	0
010.99	Moisture, Miscellaneous (%)	0948	7.395	0.0100	7.611	0.3547	0.0775	18	-0.61	1%	0
010.99	Moisture, Miscellaneous (%)	0692	7.400	0.0000	7.611	0.3547	0.0775	18	-0.59	1%	0
010.99	Moisture, Miscellaneous (%)	0939	7.510	0.1200	7.611	0.3547	0.0775	18	-0.28	1%	0
010.99	Moisture, Miscellaneous (%)	0884	7.550	0.1000	7.611	0.3547	0.0775	18	-0.17	0%	0
010.99	Moisture, Miscellaneous (%)	2169	7.655	0.1100	7.611	0.3547	0.0775	18	0.12	0%	0
010.99	Moisture, Miscellaneous (%)	2043	7.670	0.2000	7.611	0.3547	0.0775	18	0.17	0%	0
010.99	Moisture, Miscellaneous (%)	0652	7.800	0.0000	7.611	0.3547	0.0775	18	0.53	1%	0
010.99	Moisture, Miscellaneous (%)	2089	7.825	0.2500	7.611	0.3547	0.0775	18	0.60	1%	0
010.99	Moisture, Miscellaneous (%)	2150	7.825	0.0700	7.611	0.3547	0.0775	18	0.60	1%	0
010.99	Moisture, Miscellaneous (%)	2076	7.845	0.0700	7.611	0.3547	0.0775	18	0.66	2%	0
010.99	Moisture, Miscellaneous (%)	0914	8.030	0.0400	7.611	0.3547	0.0775	18	1.18	3%	0
010.99	Moisture, Miscellaneous (%)	0190	8.075	0.0100	7.611	0.3547	0.0775	18	1.31	3%	0
010.99	Moisture, Miscellaneous (%)	0405	9.060	0.0200	7.611	0.3547	0.0775	18	4.08	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	2232	6.465	0.1500	8.109	0.2347	0.0780	63	-7.01	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	6.985	0.0100	8.109	0.2347	0.0780	63	-4.79	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	2207	7.300	0.0000	8.109	0.2347	0.0780	63	-3.45	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	7.375	0.0300	8.109	0.2347	0.0780	63	-3.13	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	7.620	0.0000	8.109	0.2347	0.0780	63	-2.08	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	7.745	0.1500	8.109	0.2347	0.0780	63	-1.55	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	7.750	0.3000	8.109	0.2347	0.0780	63	-1.53	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	7.760	0.0200	8.109	0.2347	0.0780	63	-1.49	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	7.819	0.0330	8.109	0.2347	0.0780	63	-1.24	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0425	7.875	0.0500	8.109	0.2347	0.0780	63	-1.00	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2162	7.875	0.0300	8.109	0.2347	0.0780	63	-1.00	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	7.900	0.2000	8.109	0.2347	0.0780	63	-0.89	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	7.910	0.1800	8.109	0.2347	0.0780	63	-0.85	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	7.920	0.1800	8.109	0.2347	0.0780	63	-0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2033	7.935	0.0100	8.109	0.2347	0.0780	63	-0.74	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2307	7.955	0.0300	8.109	0.2347	0.0780	63	-0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	7.975	0.0300	8.109	0.2347	0.0780	63	-0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2016	7.980	0.3400	8.109	0.2347	0.0780	63	-0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	7.990	0.0200	8.109	0.2347	0.0780	63	-0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	8.010	0.0400	8.109	0.2347	0.0780	63	-0.42	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, 135°C 2hr (%)	0598	8.030	0.0200	8.109	0.2347	0.0780	63	-0.34	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	8.050	0.1000	8.109	0.2347	0.0780	63	-0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	8.055	0.1500	8.109	0.2347	0.0780	63	-0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2312	8.055	0.0300	8.109	0.2347	0.0780	63	-0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	8.065	0.1300	8.109	0.2347	0.0780	63	-0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	8.070	0.0600	8.109	0.2347	0.0780	63	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.080	0.0200	8.109	0.2347	0.0780	63	-0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0860	8.090	0.0000	8.109	0.2347	0.0780	63	-0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	8.100	0.0400	8.109	0.2347	0.0780	63	-0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2314	8.100	0.0000	8.109	0.2347	0.0780	63	-0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	8.110	0.1600	8.109	0.2347	0.0780	63	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	8.115	0.0700	8.109	0.2347	0.0780	63	0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2174	8.130	0.0400	8.109	0.2347	0.0780	63	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	8.135	0.1100	8.109	0.2347	0.0780	63	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	8.145	0.0900	8.109	0.2347	0.0780	63	0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2193	8.150	0.0400	8.109	0.2347	0.0780	63	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	8.158	0.0400	8.109	0.2347	0.0780	63	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	8.165	0.1900	8.109	0.2347	0.0780	63	0.24	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	8.170	0.1400	8.109	0.2347	0.0780	63	0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	8.200	0.0000	8.109	0.2347	0.0780	63	0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	8.205	0.0100	8.109	0.2347	0.0780	63	0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	8.208	0.0250	8.109	0.2347	0.0780	63	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	8.245	0.1300	8.109	0.2347	0.0780	63	0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	8.250	0.0200	8.109	0.2347	0.0780	63	0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	8.260	0.0000	8.109	0.2347	0.0780	63	0.64	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	8.279	0.1180	8.109	0.2347	0.0780	63	0.72	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	8.280	0.0000	8.109	0.2347	0.0780	63	0.73	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0618	8.285	0.0100	8.109	0.2347	0.0780	63	0.75	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	8.295	0.2500	8.109	0.2347	0.0780	63	0.79	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	8.300	0.0000	8.109	0.2347	0.0780	63	0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	8.305	0.1129	8.109	0.2347	0.0780	63	0.84	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	8.310	0.0200	8.109	0.2347	0.0780	63	0.86	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	8.345	0.0500	8.109	0.2347	0.0780	63	1.01	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	8.345	0.0900	8.109	0.2347	0.0780	63	1.01	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	8.350	0.0800	8.109	0.2347	0.0780	63	1.03	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	8.358	0.0862	8.109	0.2347	0.0780	63	1.06	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2268	8.360	0.0400	8.109	0.2347	0.0780	63	1.07	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	8.370	0.0400	8.109	0.2347	0.0780	63	1.11	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	8.400	0.0000	8.109	0.2347	0.0780	63	1.24	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.400	0.2000	8.109	0.2347	0.0780	63	1.24	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	8.425	0.3100	8.109	0.2347	0.0780	63	1.35	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2291	8.555	0.0700	8.109	0.2347	0.0780	63	1.90	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			
011.01	Loss on Drying, 135°C 2hr (%)	2181	8.630	0.0200	8.109	0.2347	0.0780	63	2.22	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	7.218	0.6466	8.109	0.2347	0.0780	63	-3.80	5%	1
011.01	Loss on Drying, 135°C 2hr (%)	0541	8.365	0.5700	8.109	0.2347	0.0780	63	1.09	2%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	2083	7.480	0.1800	7.996	0.3865	0.2125	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	7.925	0.4100	7.996	0.3865	0.2125	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0529	8.245	0.0100	7.996	0.3865	0.2125	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0417	8.335	0.2500	7.996	0.3865	0.2125	4			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	2304	7.450	0.1600				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	2303	7.717	0.1700				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	7.800	0.0000				3			0
012.00	Starch, Polarimetric (Ewers) (%)	0689	25.80	0.8000	27.69	1.018	0.2485	13	-1.85	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	26.20	0.2000	27.69	1.018	0.2485	13	-1.46	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0638	26.40	0.0000	27.69	1.018	0.2485	13	-1.26	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	27.51	0.1100	27.69	1.018	0.2485	13	-0.18	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	27.55	0.0000	27.69	1.018	0.2485	13	-0.13	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	27.80	0.2000	27.69	1.018	0.2485	13	0.11	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	27.98	0.1900	27.69	1.018	0.2485	13	0.28	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	28.01	0.3400	27.69	1.018	0.2485	13	0.32	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	28.20	0.0000	27.69	1.018	0.2485	13	0.51	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	28.28	0.5300	27.69	1.018	0.2485	13	0.58	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	28.50	0.1800	27.69	1.018	0.2485	13	0.80	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	28.60	0.6000	27.69	1.018	0.2485	13	0.90	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	28.74	0.0800	27.69	1.018	0.2485	13	1.04	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	20.85	0.5640	26.41	1.016	0.6210	11	-5.47	11%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	25.05	0.9000	26.41	1.016	0.6210	11	-1.34	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	26.00	0.8269	26.41	1.016	0.6210	11	-0.40	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2242	26.14	1.830	26.41	1.016	0.6210	11	-0.27	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	26.25	0.7000	26.41	1.016	0.6210	11	-0.16	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0910	26.60	0.2000	26.41	1.016	0.6210	11	0.19	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	26.65	0.3900	26.41	1.016	0.6210	11	0.23	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	26.70	0.0000	26.41	1.016	0.6210	11	0.29	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	27.05	0.5000	26.41	1.016	0.6210	11	0.63	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	27.24	0.3200	26.41	1.016	0.6210	11	0.82	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	34.70	0.6000	26.41	1.016	0.6210	11	8.17	16%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	26.09	9.830	26.41	1.016	0.6210	11	-0.32	1%	1
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	2124	24.75	0.7000	28.95	3.997	1.031	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0098	27.10	2.000	28.95	3.997	1.031	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	27.31	0.3965	28.95	3.997	1.031	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	30.51	2.000	28.95	3.997	1.031	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0889	35.09	0.0600	28.95	3.997	1.031	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	23.35	0.1000	26.24	2.033	0.4003	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	2129	26.36	0.4910	26.24	2.033	0.4003	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			
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	27.30	0.8000	26.24	2.033	0.4003	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	27.95	0.2100	26.24	2.033	0.4003	4			0
012.11	Starch, NIR (%)	0297	14.61	0.0200				2			0
012.11	Starch, NIR (%)	0889	40.08	0.4200				2			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	27.14	0.0500				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	9.465	0.2700	10.78	0.4471	0.1863	27	-2.94	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	10.06	0.3500	10.78	0.4471	0.1863	27	-1.62	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	10.18	0.0700	10.78	0.4471	0.1863	27	-1.35	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2187	10.30	0.0300	10.78	0.4471	0.1863	27	-1.08	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	10.33	0.3000	10.78	0.4471	0.1863	27	-1.00	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	10.35	0.6400	10.78	0.4471	0.1863	27	-0.96	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	10.48	0.0298	10.78	0.4471	0.1863	27	-0.66	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2219	10.50	0.1500	10.78	0.4471	0.1863	27	-0.63	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2293	10.60	0.2800	10.78	0.4471	0.1863	27	-0.40	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0034	10.72	0.3400	10.78	0.4471	0.1863	27	-0.13	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	10.73	0.0500	10.78	0.4471	0.1863	27	-0.12	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	10.75	0.1000	10.78	0.4471	0.1863	27	-0.06	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2016	10.77	0.5900	10.78	0.4471	0.1863	27	-0.03	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2252	10.77	0.1400	10.78	0.4471	0.1863	27	-0.02	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	10.83	0.0842	10.78	0.4471	0.1863	27	0.12	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	10.85	0.1000	10.78	0.4471	0.1863	27	0.16	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	10.88	0.1000	10.78	0.4471	0.1863	27	0.23	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2156	10.93	0.0200	10.78	0.4471	0.1863	27	0.34	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2220	10.94	0.0100	10.78	0.4471	0.1863	27	0.35	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	10.95	0.1000	10.78	0.4471	0.1863	27	0.39	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2053	11.10	0.0000	10.78	0.4471	0.1863	27	0.72	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0139	11.16	0.1800	10.78	0.4471	0.1863	27	0.86	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	11.22	0.1200	10.78	0.4471	0.1863	27	0.99	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0035	11.26	0.0500	10.78	0.4471	0.1863	27	1.07	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	11.32	0.2100	10.78	0.4471	0.1863	27	1.20	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	13.03	0.3000	10.78	0.4471	0.1863	27	5.04	10%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	13.27	0.4169	10.78	0.4471	0.1863	27	5.57	12%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0853	7.750	0.1000	11.10	0.3660	0.1494	25	-9.17	15%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	2314	10.40	0.0000	11.10	0.3660	0.1494	25	-1.93	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0964	10.60	0.3000	11.10	0.3660	0.1494	25	-1.38	2%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0870	10.71	0.0151	11.10	0.3660	0.1494	25	-1.07	2%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0098	10.76	0.4700	11.10	0.3660	0.1494	25	-0.96	2%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	2312	10.76	0.3400	11.10	0.3660	0.1494	25	-0.94	2%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0675	10.94	0.4200	11.10	0.3660	0.1494	25	-0.45	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0100	10.96	0.0900	11.10	0.3660	0.1494	25	-0.41	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0017	11.00	0.2000	11.10	0.3660	0.1494	25	-0.29	0%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0682	11.02	0.0000	11.10	0.3660	0.1494	25	-0.23	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			
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0065	11.05	0.2600	11.10	0.3660	0.1494	25	-0.15	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0510	11.05	0.3000	11.10	0.3660	0.1494	25	-0.15	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	11.19	0.0300	11.10	0.3660	0.1494	25	0.22	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2264	11.19	0.0813	11.10	0.3660	0.1494	25	0.25	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	11.20	0.0200	11.10	0.3660	0.1494	25	0.26	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	11.20	0.1400	11.10	0.3660	0.1494	25	0.26	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0051	11.22	0.1800	11.10	0.3660	0.1494	25	0.32	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	11.27	0.0400	11.10	0.3660	0.1494	25	0.45	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	11.34	0.0200	11.10	0.3660	0.1494	25	0.64	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	11.35	0.0450	11.10	0.3660	0.1494	25	0.67	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0914	11.45	0.0400	11.10	0.3660	0.1494	25	0.94	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	11.47	0.0140	11.10	0.3660	0.1494	25	1.00	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	11.50	0.3900	11.10	0.3660	0.1494	25	1.07	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	11.64	0.2100	11.10	0.3660	0.1494	25	1.45	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0425	11.97	0.0300	11.10	0.3660	0.1494	25	2.35	4%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	8.679	0.0960				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0263	8.645	0.2140	10.18	0.4020	0.1914	10	-3.81	8%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0939	9.830	0.6200	10.18	0.4020	0.1914	10	-0.86	2%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2162	9.930	0.3200	10.18	0.4020	0.1914	10	-0.61	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0845	9.990	0.0200	10.18	0.4020	0.1914	10	-0.46	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0638	10.15	0.1000	10.18	0.4020	0.1914	10	-0.07	0%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	10.24	0.2600	10.18	0.4020	0.1914	10	0.16	0%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	10.35	0.1900	10.18	0.4020	0.1914	10	0.43	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2124	10.42	0.0900	10.18	0.4020	0.1914	10	0.59	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	10.54	0.0000	10.18	0.4020	0.1914	10	0.90	2%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	10.75	0.1000	10.18	0.4020	0.1914	10	1.43	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0554	10.11	0.2800	10.73	0.3539	0.1604	14	-1.75	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0878	10.41	0.1400	10.73	0.3539	0.1604	14	-0.90	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0015	10.42	0.0500	10.73	0.3539	0.1604	14	-0.89	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	10.55	0.1000	10.73	0.3539	0.1604	14	-0.51	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0019	10.56	0.0000	10.73	0.3539	0.1604	14	-0.48	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	10.59	0.0300	10.73	0.3539	0.1604	14	-0.41	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0653	10.71	0.0600	10.73	0.3539	0.1604	14	-0.05	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0003	10.74	0.7000	10.73	0.3539	0.1604	14	0.03	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	10.76	0.0880	10.73	0.3539	0.1604	14	0.09	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	10.83	0.2900	10.73	0.3539	0.1604	14	0.27	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	10.84	0.0382	10.73	0.3539	0.1604	14	0.32	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0876	11.20	0.4000	10.73	0.3539	0.1604	14	1.33	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	2307	11.21	0.0100	10.73	0.3539	0.1604	14	1.34	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0035	11.21	0.0600	10.73	0.3539	0.1604	14	1.36	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0511	9.165	1.450	10.73	0.3539	0.1604	14	-4.42	7%	1
013.99	Fat, Acid Pretreat, Pretreatment, Misc (%)	2304	11.35	0.0400				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			
015.41	Aluminum, ICP, Dry ash (ppm)	0164	28.00	0.0000				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	41.15	0.3126				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	54.85	0.5200				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	13.55	0.9000				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	49.13	12.52				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0297	32.00	4.000	44.51	7.075	1.523	8	-1.77	14%	0
015.43	Aluminum, ICP, Microwave (ppm)	0510	40.50	1.000	44.51	7.075	1.523	8	-0.57	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0425	41.48	0.4900	44.51	7.075	1.523	8	-0.43	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	44.20	3.200	44.51	7.075	1.523	8	-0.04	0%	0
015.43	Aluminum, ICP, Microwave (ppm)	0918	45.58	0.3430	44.51	7.075	1.523	8	0.15	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	46.39	1.151	44.51	7.075	1.523	8	0.27	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	48.90	1.000	44.51	7.075	1.523	8	0.62	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	55.50	1.000	44.51	7.075	1.523	8	1.55	12%	0
015.43	Aluminum, ICP, Microwave (ppm)	0964	56.11	10.53	44.51	7.075	1.523	8	1.64	13%	1
015.53	Aluminum, ICP-MS, Microwave (ppm)	0015	52.07	0.4500				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	53.35	1.900				2			0
017.41	Boron, ICP, Dry ash (ppm)	0226	8.730	0.0400				3			0
017.41	Boron, ICP, Dry ash (ppm)	0407	9.323	0.2219				3			0
017.41	Boron, ICP, Dry ash (ppm)	0358	10.09	1.110				3			0
017.42	Boron, ICP, Open vessel (ppm)	0294	8.100	0.0000	9.691	1.371	0.6947	6	-1.16	8%	0
017.42	Boron, ICP, Open vessel (ppm)	0037	9.200	0.2000	9.691	1.371	0.6947	6	-0.36	3%	0
017.42	Boron, ICP, Open vessel (ppm)	0693	9.443	0.1180	9.691	1.371	0.6947	6	-0.18	1%	0
017.42	Boron, ICP, Open vessel (ppm)	0045	9.505	0.9300	9.691	1.371	0.6947	6	-0.14	1%	0
017.42	Boron, ICP, Open vessel (ppm)	2129	10.15	0.2200	9.691	1.371	0.6947	6	0.33	2%	0
017.42	Boron, ICP, Open vessel (ppm)	0265	12.25	2.700	9.691	1.371	0.6947	6	1.87	13%	0
017.43	Boron, ICP, Microwave (ppm)	0345	9.025	0.1500	9.561	0.3672	0.0962	5			0
017.43	Boron, ICP, Microwave (ppm)	0083	9.400	0.2000	9.561	0.3672	0.0962	5			0
017.43	Boron, ICP, Microwave (ppm)	0407	9.680	0.0910	9.561	0.3672	0.0962	5			0
017.43	Boron, ICP, Microwave (ppm)	0918	9.700	0.0400	9.561	0.3672	0.0962	5			0
017.43	Boron, ICP, Microwave (ppm)	0510	10.00	0.0000	9.561	0.3672	0.0962	5			0
017.43	Boron, ICP, Microwave (ppm)	0353	12.00	2.000	9.561	0.3672	0.0962	5			1
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	9.561	0.3672	0.0962	5			4
017.44	Boron, ICP, Dry ash (ppm)	0405	13.92	0.5500				1			0
017.53	Boron, ICP-MS, Microwave (ppm)	0015	49.64	21.13				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	1.170	0.0000	1.239	0.0730	0.0186	8	-0.94	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.175	0.0190	1.239	0.0730	0.0186	8	-0.88	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	1.185	0.0700	1.239	0.0730	0.0186	8	-0.73	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.226	0.0100	1.239	0.0730	0.0186	8	-0.17	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.230	0.0000	1.239	0.0730	0.0186	8	-0.12	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2295	1.275	0.0100	1.239	0.0730	0.0186	8	0.50	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.300	0.0200	1.239	0.0730	0.0186	8	0.84	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	1.560	0.0200	1.239	0.0730	0.0186	8	4.40	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			
019.02	Calcium, Hach Method (%)	0536	0.9755	0.0510				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.240	0.0126				1			0
019.08	Calcium, EDTA (%)	0590	1.190	0.0200	1.262	0.0735	0.0070	6	-0.98	3%	0
019.08	Calcium, EDTA (%)	2009	1.229	0.0020	1.262	0.0735	0.0070	6	-0.45	1%	0
019.08	Calcium, EDTA (%)	2196	1.230	0.0000	1.262	0.0735	0.0070	6	-0.43	1%	0
019.08	Calcium, EDTA (%)	2193	1.250	0.0000	1.262	0.0735	0.0070	6	-0.16	0%	0
019.08	Calcium, EDTA (%)	0689	1.300	0.0200	1.262	0.0735	0.0070	6	0.52	2%	0
019.08	Calcium, EDTA (%)	2188	1.470	0.0000	1.262	0.0735	0.0070	6	2.83	8%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.241	0.0920				1			0
019.31	Calcium, AAS, Dry ash (%)	0175	1.085	0.0300	1.222	0.0852	0.0378	17	-1.61	6%	0
019.31	Calcium, AAS, Dry ash (%)	0536	1.120	0.1200	1.222	0.0852	0.0378	17	-1.20	4%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.150	0.0000	1.222	0.0852	0.0378	17	-0.85	3%	0
019.31	Calcium, AAS, Dry ash (%)	2146	1.155	0.0100	1.222	0.0852	0.0378	17	-0.79	3%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.172	0.0275	1.222	0.0852	0.0378	17	-0.58	2%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.185	0.0300	1.222	0.0852	0.0378	17	-0.44	2%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.195	0.0100	1.222	0.0852	0.0378	17	-0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.205	0.0515	1.222	0.0852	0.0378	17	-0.20	1%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.235	0.0100	1.222	0.0852	0.0378	17	0.15	1%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.235	0.0300	1.222	0.0852	0.0378	17	0.15	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.240	0.0200	1.222	0.0852	0.0378	17	0.21	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.240	0.0000	1.222	0.0852	0.0378	17	0.21	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.250	0.1000	1.222	0.0852	0.0378	17	0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.265	0.0100	1.222	0.0852	0.0378	17	0.50	2%	0
019.31	Calcium, AAS, Dry ash (%)	2115	1.335	0.0300	1.222	0.0852	0.0378	17	1.32	5%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.361	0.0600	1.222	0.0852	0.0378	17	1.63	6%	0
019.31	Calcium, AAS, Dry ash (%)	0620	1.428	0.1038	1.222	0.0852	0.0378	17	2.41	8%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.165	0.0300				1			0
019.41	Calcium, ICP, Dry ash (%)	0144	1.090	0.0800	1.231	0.0763	0.0356	26	-1.85	6%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.110	0.0400	1.231	0.0763	0.0356	26	-1.58	5%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.120	0.0800	1.231	0.0763	0.0356	26	-1.45	5%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.150	0.0600	1.231	0.0763	0.0356	26	-1.06	3%	0
019.41	Calcium, ICP, Dry ash (%)	2259	1.161	0.0840	1.231	0.0763	0.0356	26	-0.92	3%	0
019.41	Calcium, ICP, Dry ash (%)	0051	1.173	0.0110	1.231	0.0763	0.0356	26	-0.76	2%	0
019.41	Calcium, ICP, Dry ash (%)	0018	1.180	0.0200	1.231	0.0763	0.0356	26	-0.67	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.203	0.0073	1.231	0.0763	0.0356	26	-0.37	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.210	0.0200	1.231	0.0763	0.0356	26	-0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.210	0.1400	1.231	0.0763	0.0356	26	-0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.218	0.0050	1.231	0.0763	0.0356	26	-0.18	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.225	0.0700	1.231	0.0763	0.0356	26	-0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.229	0.0690	1.231	0.0763	0.0356	26	-0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.235	0.0700	1.231	0.0763	0.0356	26	0.05	0%	0
019.41	Calcium, ICP, Dry ash (%)	0653	1.238	0.0000	1.231	0.0763	0.0356	26	0.09	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 (%)	0878	1.245	0.0100	1.231	0.0763	0.0356	26	0.19	1%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.245	0.0100	1.231	0.0763	0.0356	26	0.19	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.255	0.0500	1.231	0.0763	0.0356	26	0.32	1%	0
019.41	Calcium, ICP, Dry ash (%)	0066	1.277	0.0290	1.231	0.0763	0.0356	26	0.60	2%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.280	0.0000	1.231	0.0763	0.0356	26	0.64	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.285	0.0300	1.231	0.0763	0.0356	26	0.71	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.310	0.0000	1.231	0.0763	0.0356	26	1.04	3%	0
019.41	Calcium, ICP, Dry ash (%)	0354	1.310	0.0200	1.231	0.0763	0.0356	26	1.04	3%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.322	0.0080	1.231	0.0763	0.0356	26	1.19	4%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.371	0.0020	1.231	0.0763	0.0356	26	1.84	6%	0
019.41	Calcium, ICP, Dry ash (%)	0685	1.435	0.0100	1.231	0.0763	0.0356	26	2.67	8%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.050	0.1000	1.278	0.1208	0.0443	19	-1.89	9%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.093	0.0200	1.278	0.1208	0.0443	19	-1.53	7%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.100	0.0000	1.278	0.1208	0.0443	19	-1.47	7%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.203	0.0100	1.278	0.1208	0.0443	19	-0.62	3%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.210	0.0400	1.278	0.1208	0.0443	19	-0.56	3%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.228	0.0090	1.278	0.1208	0.0443	19	-0.42	2%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.245	0.0100	1.278	0.1208	0.0443	19	-0.27	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.250	0.2000	1.278	0.1208	0.0443	19	-0.23	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.270	0.0350	1.278	0.1208	0.0443	19	-0.07	0%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.295	0.0300	1.278	0.1208	0.0443	19	0.14	1%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.301	0.0015	1.278	0.1208	0.0443	19	0.19	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.305	0.0300	1.278	0.1208	0.0443	19	0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.319	0.0060	1.278	0.1208	0.0443	19	0.34	2%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.340	0.0600	1.278	0.1208	0.0443	19	0.51	2%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.356	0.0000	1.278	0.1208	0.0443	19	0.65	3%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.375	0.0500	1.278	0.1208	0.0443	19	0.80	4%	0
019.42	Calcium, ICP, Open vessel (%)	2207	1.420	0.2200	1.278	0.1208	0.0443	19	1.18	6%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.430	0.0000	1.278	0.1208	0.0443	19	1.26	6%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.440	0.0200	1.278	0.1208	0.0443	19	1.34	6%	0
019.43	Calcium, ICP, Microwave (%)	0860	1.154	0.0000	1.257	0.0793	0.0400	25	-1.30	4%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.155	0.0100	1.257	0.0793	0.0400	25	-1.28	4%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.161	0.0704	1.257	0.0793	0.0400	25	-1.20	4%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.175	0.0500	1.257	0.0793	0.0400	25	-1.03	3%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.177	0.0230	1.257	0.0793	0.0400	25	-1.01	3%	0
019.43	Calcium, ICP, Microwave (%)	2187	1.185	0.0500	1.257	0.0793	0.0400	25	-0.90	3%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.185	0.0100	1.257	0.0793	0.0400	25	-0.90	3%	0
019.43	Calcium, ICP, Microwave (%)	0914	1.225	0.0300	1.257	0.0793	0.0400	25	-0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.232	0.0200	1.257	0.0793	0.0400	25	-0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.235	0.0070	1.257	0.0793	0.0400	25	-0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.240	0.0400	1.257	0.0793	0.0400	25	-0.21	1%	0
019.43	Calcium, ICP, Microwave (%)	2314	1.250	0.1000	1.257	0.0793	0.0400	25	-0.08	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 (%)	0083	1.255	0.0100	1.257	0.0793	0.0400	25	-0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.259	0.0545	1.257	0.0793	0.0400	25	0.03	0%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.268	0.0420	1.257	0.0793	0.0400	25	0.14	0%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.280	0.0000	1.257	0.0793	0.0400	25	0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.285	0.0100	1.257	0.0793	0.0400	25	0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	2124	1.295	0.0500	1.257	0.0793	0.0400	25	0.48	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.300	0.0600	1.257	0.0793	0.0400	25	0.55	2%	0
019.43	Calcium, ICP, Microwave (%)	0032	1.309	0.0320	1.257	0.0793	0.0400	25	0.66	2%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.330	0.0400	1.257	0.0793	0.0400	25	0.93	3%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.335	0.0500	1.257	0.0793	0.0400	25	0.99	3%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.390	0.0400	1.257	0.0793	0.0400	25	1.68	5%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.410	0.0400	1.257	0.0793	0.0400	25	1.93	6%	0
019.43	Calcium, ICP, Microwave (%)	2234	1.490	0.1600	1.257	0.0793	0.0400	25	2.94	9%	0
019.43	Calcium, ICP, Microwave (%)	0510	126.0	4.000	1.257	0.0793	0.0400	25	1573.25	4963%	2
019.44	Calcium, ICP, Dry ash (%)	0065	1.183	0.0050	1.210	0.0265	0.0286	9	-1.03	1%	0
019.44	Calcium, ICP, Dry ash (%)	2114	1.185	0.0500	1.210	0.0265	0.0286	9	-0.94	1%	0
019.44	Calcium, ICP, Dry ash (%)	2232	1.186	0.0920	1.210	0.0265	0.0286	9	-0.90	1%	0
019.44	Calcium, ICP, Dry ash (%)	2219	1.195	0.0300	1.210	0.0265	0.0286	9	-0.56	1%	0
019.44	Calcium, ICP, Dry ash (%)	2293	1.215	0.0500	1.210	0.0265	0.0286	9	0.19	0%	0
019.44	Calcium, ICP, Dry ash (%)	2252	1.220	0.0000	1.210	0.0265	0.0286	9	0.38	0%	0
019.44	Calcium, ICP, Dry ash (%)	2156	1.225	0.0100	1.210	0.0265	0.0286	9	0.57	1%	0
019.44	Calcium, ICP, Dry ash (%)	0164	1.235	0.0100	1.210	0.0265	0.0286	9	0.95	1%	0
019.44	Calcium, ICP, Dry ash (%)	2220	1.245	0.0100	1.210	0.0265	0.0286	9	1.33	1%	0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	1.225	0.0500				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.106	0.0044				1			0
019.53	Calcium, ICP-MS, Microwave (%)	2055	1.154	0.0480	1.237	0.0775	0.0456	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.170	0.0000	1.237	0.0775	0.0456	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.230	0.0400	1.237	0.0775	0.0456	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0015	1.300	0.0400	1.237	0.0775	0.0456	5			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.330	0.1000	1.237	0.0775	0.0456	5			0
019.99	Calcium, Miscellaneous (%)	0242	1.095	0.0300	1.171	0.0888	0.0180	5			0
019.99	Calcium, Miscellaneous (%)	0590	1.105	0.0100	1.171	0.0888	0.0180	5			0
019.99	Calcium, Miscellaneous (%)	0868	1.140	0.0400	1.171	0.0888	0.0180	5			0
019.99	Calcium, Miscellaneous (%)	0676	1.205	0.0100	1.171	0.0888	0.0180	5			0
019.99	Calcium, Miscellaneous (%)	0100	1.310	0.0000	1.171	0.0888	0.0180	5			0
021.31	Cobalt, AAS, Dry ash (ppm)	0689	0.1500	0.1000				2			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	0.5250	0.0100				2			0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	< 0.75					2			5
021.41	Cobalt, ICP, Dry ash (ppm)	0407	0.4893	0.0182				1			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	0.3100	0.2200				1			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	0.0445	0.0890				1			4
021.43	Cobalt, ICP, Microwave (ppm)	0964	0.2725	0.0475	0.3916	0.2119	0.0609	4			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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021.43	Cobalt, ICP, Microwave (ppm)	0510	0.2850	0.0100	0.3916	0.2119	0.0609	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0169	0.3000	0.0400	0.3916	0.2119	0.0609	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	0.7090	0.1460	0.3916	0.2119	0.0609	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0353	1.408	1.658	0.3916	0.2119	0.0609	4			1
021.43	Cobalt, ICP, Microwave (ppm)	0682	< 1		0.3916	0.2119	0.0609	4			5
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	0.1500	0.0000				1			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0918	0.1612	0.0178	0.3073	0.0992	0.0534	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	2055	0.2620	0.0020	0.3073	0.0992	0.0534	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	0.3385	0.0370	0.3073	0.0992	0.0534	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	0.3550	0.0900	0.3073	0.0992	0.0534	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0015	0.4200	0.1200	0.3073	0.0992	0.0534	5			0
022.31	Copper, AAS, Dry ash (ppm)	2188	8.755	0.0000	14.84	2.746	0.6536	11	-2.22	21%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	9.025	0.3500	14.84	2.746	0.6536	11	-2.12	20%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	13.90	1.000	14.84	2.746	0.6536	11	-0.34	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	14.04	0.9700	14.84	2.746	0.6536	11	-0.29	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0884	14.65	0.1000	14.84	2.746	0.6536	11	-0.07	1%	0
022.31	Copper, AAS, Dry ash (ppm)	2146	14.99	1.810	14.84	2.746	0.6536	11	0.05	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0868	15.60	0.6100	14.84	2.746	0.6536	11	0.27	3%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	16.85	0.0000	14.84	2.746	0.6536	11	0.73	7%	0
022.31	Copper, AAS, Dry ash (ppm)	2115	16.88	0.4500	14.84	2.746	0.6536	11	0.74	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	16.95	1.900	14.84	2.746	0.6536	11	0.77	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0175	18.00	0.0000	14.84	2.746	0.6536	11	1.15	11%	0
022.31	Copper, AAS, Dry ash (ppm)	0620	153.5	82.98	14.84	2.746	0.6536	11	50.50	467%	2
022.32	Copper, AAS, Open vessel (ppm)	0038	13.95	0.3900				1			0
022.33	Copper, AAS, Microwave (ppm)	0904	13.06	0.7300				3			0
022.33	Copper, AAS, Microwave (ppm)	0948	14.80	0.3700				3			0
022.33	Copper, AAS, Microwave (ppm)	0010	14.90	0.6000				3			0
022.41	Copper, ICP, Dry ash (ppm)	0653	11.82	0.0800	14.60	1.488	0.5889	18	-1.87	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	12.92	0.0200	14.60	1.488	0.5889	18	-1.13	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	13.15	0.1000	14.60	1.488	0.5889	18	-0.98	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	13.50	1.000	14.60	1.488	0.5889	18	-0.74	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0051	13.55	0.6300	14.60	1.488	0.5889	18	-0.71	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	13.72	0.4800	14.60	1.488	0.5889	18	-0.59	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	13.86	0.0300	14.60	1.488	0.5889	18	-0.50	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	14.04	0.1000	14.60	1.488	0.5889	18	-0.38	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0405	14.31	0.4400	14.60	1.488	0.5889	18	-0.20	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0878	15.00	2.000	14.60	1.488	0.5889	18	0.27	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	15.01	0.1400	14.60	1.488	0.5889	18	0.27	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	15.27	2.450	14.60	1.488	0.5889	18	0.44	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	15.30	2.330	14.60	1.488	0.5889	18	0.46	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	15.41	0.0100	14.60	1.488	0.5889	18	0.54	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	15.78	0.0400	14.60	1.488	0.5889	18	0.79	4%	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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022.41	Copper, ICP, Dry ash (ppm)	0226	16.03	0.2600	14.60	1.488	0.5889	18	0.96	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0003	18.00	0.0000	14.60	1.488	0.5889	18	2.28	12%	0
022.41	Copper, ICP, Dry ash (ppm)	2012	18.67	0.4900	14.60	1.488	0.5889	18	2.73	14%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	9.920	0.0200	13.97	0.9655	0.7955	21	-4.19	14%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	12.55	0.8300	13.97	0.9655	0.7955	21	-1.48	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	12.70	0.0000	13.97	0.9655	0.7955	21	-1.31	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	13.00	0.0000	13.97	0.9655	0.7955	21	-1.00	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	13.20	1.000	13.97	0.9655	0.7955	21	-0.80	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	13.38	0.1520	13.97	0.9655	0.7955	21	-0.61	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	13.65	0.1000	13.97	0.9655	0.7955	21	-0.33	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	13.70	2.800	13.97	0.9655	0.7955	21	-0.28	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	13.80	0.2000	13.97	0.9655	0.7955	21	-0.18	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	13.97	0.1800	13.97	0.9655	0.7955	21	0.00	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	14.00	2.000	13.97	0.9655	0.7955	21	0.03	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	14.23	1.001	13.97	0.9655	0.7955	21	0.27	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	14.24	0.0100	13.97	0.9655	0.7955	21	0.28	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	14.30	0.0620	13.97	0.9655	0.7955	21	0.34	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	14.50	1.000	13.97	0.9655	0.7955	21	0.55	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	14.51	0.9900	13.97	0.9655	0.7955	21	0.55	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	14.66	0.2800	13.97	0.9655	0.7955	21	0.72	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	14.89	0.1800	13.97	0.9655	0.7955	21	0.95	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	15.05	3.700	13.97	0.9655	0.7955	21	1.12	4%	0
022.42	Copper, ICP, Open vessel (ppm)	2053	15.10	0.2000	13.97	0.9655	0.7955	21	1.17	4%	0
022.42	Copper, ICP, Open vessel (ppm)	2207	16.00	2.000	13.97	0.9655	0.7955	21	2.10	7%	0
022.43	Copper, ICP, Microwave (ppm)	2314	10.25	1.100	13.54	1.007	0.5269	22	-3.27	12%	0
022.43	Copper, ICP, Microwave (ppm)	0032	12.45	0.4200	13.54	1.007	0.5269	22	-1.08	4%	0
022.43	Copper, ICP, Microwave (ppm)	0918	12.54	0.2000	13.54	1.007	0.5269	22	-0.99	4%	0
022.43	Copper, ICP, Microwave (ppm)	2192	12.59	0.0000	13.54	1.007	0.5269	22	-0.94	4%	0
022.43	Copper, ICP, Microwave (ppm)	0169	12.70	0.4000	13.54	1.007	0.5269	22	-0.83	3%	0
022.43	Copper, ICP, Microwave (ppm)	0083	13.00	0.0000	13.54	1.007	0.5269	22	-0.54	2%	0
022.43	Copper, ICP, Microwave (ppm)	0968	13.00	0.0000	13.54	1.007	0.5269	22	-0.54	2%	0
022.43	Copper, ICP, Microwave (ppm)	0345	13.05	0.1000	13.54	1.007	0.5269	22	-0.49	2%	0
022.43	Copper, ICP, Microwave (ppm)	0017	13.07	1.371	13.54	1.007	0.5269	22	-0.47	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	13.35	0.0900	13.54	1.007	0.5269	22	-0.19	1%	0
022.43	Copper, ICP, Microwave (ppm)	0682	13.40	0.0000	13.54	1.007	0.5269	22	-0.14	1%	0
022.43	Copper, ICP, Microwave (ppm)	0033	13.45	0.3000	13.54	1.007	0.5269	22	-0.09	0%	0
022.43	Copper, ICP, Microwave (ppm)	0407	13.49	0.0880	13.54	1.007	0.5269	22	-0.05	0%	0
022.43	Copper, ICP, Microwave (ppm)	0297	13.50	1.000	13.54	1.007	0.5269	22	-0.04	0%	0
022.43	Copper, ICP, Microwave (ppm)	0035	14.00	0.0000	13.54	1.007	0.5269	22	0.46	2%	0
022.43	Copper, ICP, Microwave (ppm)	0202	14.04	0.3900	13.54	1.007	0.5269	22	0.49	2%	0
022.43	Copper, ICP, Microwave (ppm)	2124	14.29	0.2800	13.54	1.007	0.5269	22	0.74	3%	0
022.43	Copper, ICP, Microwave (ppm)	0610	14.30	0.0000	13.54	1.007	0.5269	22	0.75	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			
022.43	Copper, ICP, Microwave (ppm)	0510	14.50	1.000	13.54	1.007	0.5269	22	0.95	4%	0
022.43	Copper, ICP, Microwave (ppm)	0964	15.51	1.703	13.54	1.007	0.5269	22	1.96	7%	0
022.43	Copper, ICP, Microwave (ppm)	0353	16.00	2.000	13.54	1.007	0.5269	22	2.44	9%	0
022.43	Copper, ICP, Microwave (ppm)	2234	17.01	1.150	13.54	1.007	0.5269	22	3.44	13%	0
022.43	Copper, ICP, Microwave (ppm)	2089	15.79	3.410	13.54	1.007	0.5269	22	2.23	8%	1
022.44	Copper, ICP, Dry ash (ppm)	2114	13.97	0.2200				3			0
022.44	Copper, ICP, Dry ash (ppm)	0164	14.50	1.000				3			0
022.44	Copper, ICP, Dry ash (ppm)	0066	19.69	0.9920				3			0
022.51	Copper, ICP-MS, Dry ash (ppm)	2146	15.43	1.590				1			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	14.00	2.000				1			0
022.53	Copper, ICP-MS, Microwave (ppm)	2055	11.50	1.000	12.44	0.8572	1.205	6	-1.10	4%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0015	11.70	3.580	12.44	0.8572	1.205	6	-0.86	3%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0914	12.44	0.5080	12.44	0.8572	1.205	6	0.00	0%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	12.45	1.500	12.44	0.8572	1.205	6	0.01	0%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	13.15	0.4400	12.44	0.8572	1.205	6	0.83	3%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	13.40	0.2000	12.44	0.8572	1.205	6	1.12	4%	0
022.99	Copper, Miscellaneous (ppm)	0100	12.50	1.000				3			0
022.99	Copper, Miscellaneous (ppm)	0242	12.50	1.000				3			0
022.99	Copper, Miscellaneous (ppm)	0590	13.05	0.5000				3			0
025.31	Iron, AAS, Dry ash (ppm)	0620	150.8	24.89	196.7	33.16	10.52	15	-1.38	12%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	160.1	1.310	196.7	33.16	10.52	15	-1.10	9%	0
025.31	Iron, AAS, Dry ash (ppm)	2022	175.9	0.3500	196.7	33.16	10.52	15	-0.63	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	176.2	3.500	196.7	33.16	10.52	15	-0.62	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0868	177.5	3.000	196.7	33.16	10.52	15	-0.58	5%	0
025.31	Iron, AAS, Dry ash (ppm)	2146	178.0	0.5200	196.7	33.16	10.52	15	-0.56	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	179.0	11.50	196.7	33.16	10.52	15	-0.54	5%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	196.9	0.0000	196.7	33.16	10.52	15	0.00	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0884	201.7	13.30	196.7	33.16	10.52	15	0.15	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	207.1	20.70	196.7	33.16	10.52	15	0.31	3%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	209.5	11.00	196.7	33.16	10.52	15	0.39	3%	0
025.31	Iron, AAS, Dry ash (ppm)	2115	214.3	10.35	196.7	33.16	10.52	15	0.53	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	235.5	20.40	196.7	33.16	10.52	15	1.17	10%	0
025.31	Iron, AAS, Dry ash (ppm)	0175	242.0	28.00	196.7	33.16	10.52	15	1.37	12%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	469.1	8.960	196.7	33.16	10.52	15	8.22	69%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	155.6	2.548	185.2	19.01	7.672	21	-1.56	8%	0
025.41	Iron, ICP, Dry ash (ppm)	2114	156.9	3.000	185.2	19.01	7.672	21	-1.49	8%	0
025.41	Iron, ICP, Dry ash (ppm)	0123	169.5	9.000	185.2	19.01	7.672	21	-0.83	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0653	173.6	5.200	185.2	19.01	7.672	21	-0.61	3%	0
025.41	Iron, ICP, Dry ash (ppm)	2012	174.6	1.430	185.2	19.01	7.672	21	-0.56	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	175.0	7.230	185.2	19.01	7.672	21	-0.54	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0051	175.5	3.000	185.2	19.01	7.672	21	-0.51	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	176.2	7.673	185.2	19.01	7.672	21	-0.47	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			
025.41	Iron, ICP, Dry ash (ppm)	0354	180.1	1.220	185.2	19.01	7.672	21	-0.27	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	182.5	27.00	185.2	19.01	7.672	21	-0.14	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	183.0	6.200	185.2	19.01	7.672	21	-0.12	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0878	185.0	4.000	185.2	19.01	7.672	21	-0.01	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	186.1	15.82	185.2	19.01	7.672	21	0.04	0%	0
025.41	Iron, ICP, Dry ash (ppm)	2152	186.9	3.240	185.2	19.01	7.672	21	0.09	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	188.5	1.000	185.2	19.01	7.672	21	0.17	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	193.0	14.90	185.2	19.01	7.672	21	0.41	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	197.0	6.000	185.2	19.01	7.672	21	0.62	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	208.4	3.800	185.2	19.01	7.672	21	1.22	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	216.7	4.537	185.2	19.01	7.672	21	1.65	8%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	219.0	34.00	185.2	19.01	7.672	21	1.78	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0405	296.1	0.3200	185.2	19.01	7.672	21	5.83	30%	0
025.41	Iron, ICP, Dry ash (ppm)	0003	284.0	230.0	185.2	19.01	7.672	21	5.20	27%	1
025.42	Iron, ICP, Open vessel (ppm)	0278	176.0	12.00	196.9	12.78	10.83	17	-1.64	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	179.9	16.10	196.9	12.78	10.83	17	-1.33	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	183.5	5.000	196.9	12.78	10.83	17	-1.05	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	187.5	21.00	196.9	12.78	10.83	17	-0.74	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	191.5	7.000	196.9	12.78	10.83	17	-0.42	1%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	191.7	2.000	196.9	12.78	10.83	17	-0.41	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	195.5	13.00	196.9	12.78	10.83	17	-0.11	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	195.6	0.4000	196.9	12.78	10.83	17	-0.10	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	195.8	2.983	196.9	12.78	10.83	17	-0.09	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	196.3	6.009	196.9	12.78	10.83	17	-0.05	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	199.5	13.00	196.9	12.78	10.83	17	0.20	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	200.0	32.00	196.9	12.78	10.83	17	0.24	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	202.5	5.300	196.9	12.78	10.83	17	0.43	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	210.6	0.3300	196.9	12.78	10.83	17	1.07	3%	0
025.42	Iron, ICP, Open vessel (ppm)	2053	213.0	16.00	196.9	12.78	10.83	17	1.26	4%	0
025.42	Iron, ICP, Open vessel (ppm)	2207	213.0	26.00	196.9	12.78	10.83	17	1.26	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	214.0	6.000	196.9	12.78	10.83	17	1.34	4%	0
025.43	Iron, ICP, Microwave (ppm)	2314	163.1	3.600	201.6	16.99	9.630	25	-2.26	10%	0
025.43	Iron, ICP, Microwave (ppm)	0169	182.5	1.000	201.6	16.99	9.630	25	-1.12	5%	0
025.43	Iron, ICP, Microwave (ppm)	0345	186.5	3.000	201.6	16.99	9.630	25	-0.89	4%	0
025.43	Iron, ICP, Microwave (ppm)	0425	187.8	3.260	201.6	16.99	9.630	25	-0.81	3%	0
025.43	Iron, ICP, Microwave (ppm)	0297	188.5	13.00	201.6	16.99	9.630	25	-0.77	3%	0
025.43	Iron, ICP, Microwave (ppm)	0407	188.9	1.534	201.6	16.99	9.630	25	-0.75	3%	0
025.43	Iron, ICP, Microwave (ppm)	0033	189.5	1.000	201.6	16.99	9.630	25	-0.71	3%	0
025.43	Iron, ICP, Microwave (ppm)	0968	189.5	3.000	201.6	16.99	9.630	25	-0.71	3%	0
025.43	Iron, ICP, Microwave (ppm)	0610	193.5	9.000	201.6	16.99	9.630	25	-0.47	2%	0
025.43	Iron, ICP, Microwave (ppm)	0017	194.6	9.639	201.6	16.99	9.630	25	-0.41	2%	0
025.43	Iron, ICP, Microwave (ppm)	0918	195.7	5.860	201.6	16.99	9.630	25	-0.35	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	
025.43	Iron, ICP, Microwave (ppm)	0083	198.0	10.00	201.6	16.99	9.630	25	-0.21	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	198.5	1.000	201.6	16.99	9.630	25	-0.18	1%	0
025.43	Iron, ICP, Microwave (ppm)	0098	200.8	9.200	201.6	16.99	9.630	25	-0.05	0%	0
025.43	Iron, ICP, Microwave (ppm)	0682	201.2	0.0000	201.6	16.99	9.630	25	-0.02	0%	0
025.43	Iron, ICP, Microwave (ppm)	0914	202.5	17.00	201.6	16.99	9.630	25	0.05	0%	0
025.43	Iron, ICP, Microwave (ppm)	0353	204.0	2.000	201.6	16.99	9.630	25	0.14	1%	0
025.43	Iron, ICP, Microwave (ppm)	2124	205.6	3.000	201.6	16.99	9.630	25	0.24	1%	0
025.43	Iron, ICP, Microwave (ppm)	2192	214.5	19.34	201.6	16.99	9.630	25	0.76	3%	0
025.43	Iron, ICP, Microwave (ppm)	0032	218.6	30.00	201.6	16.99	9.630	25	1.00	4%	0
025.43	Iron, ICP, Microwave (ppm)	0964	218.8	24.32	201.6	16.99	9.630	25	1.01	4%	0
025.43	Iron, ICP, Microwave (ppm)	2234	222.5	15.96	201.6	16.99	9.630	25	1.23	5%	0
025.43	Iron, ICP, Microwave (ppm)	0035	228.5	11.00	201.6	16.99	9.630	25	1.58	7%	0
025.43	Iron, ICP, Microwave (ppm)	0202	236.1	31.90	201.6	16.99	9.630	25	2.03	9%	0
025.43	Iron, ICP, Microwave (ppm)	2089	265.8	12.13	201.6	16.99	9.630	25	3.78	16%	0
025.51	Iron, ICP-MS, Dry ash (ppm)	2146	207.7	5.090				1			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	146.1	3.630				1			0
025.53	Iron, ICP-MS, Microwave (ppm)	2055	175.0	8.000	188.1	10.44	4.970	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	184.5	5.000	188.1	10.44	4.970	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	195.0	6.000	188.1	10.44	4.970	4			0
025.53	Iron, ICP-MS, Microwave (ppm)	0015	197.9	0.8800	188.1	10.44	4.970	4			0
025.99	Iron, Miscellaneous (ppm)	0242	179.0	12.00				2			0
025.99	Iron, Miscellaneous (ppm)	0100	198.0	4.000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.1200	0.0000	0.1337	0.0118	0.0041	9	-1.16	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.1248	0.0039	0.1337	0.0118	0.0041	9	-0.76	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.1282	0.0095	0.1337	0.0118	0.0041	9	-0.47	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.1300	0.0000	0.1337	0.0118	0.0041	9	-0.31	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.1300	0.0000	0.1337	0.0118	0.0041	9	-0.31	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.1350	0.0100	0.1337	0.0118	0.0041	9	0.11	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.1350	0.0100	0.1337	0.0118	0.0041	9	0.11	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0620	0.1487	0.0034	0.1337	0.0118	0.0041	9	1.27	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.2200	0.0000	0.1337	0.0118	0.0041	9	7.32	32%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.1050	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.1170	0.0040				1			0
027.41	Magnesium, ICP, Dry ash (%)	2232	0.1180	0.0120	0.1312	0.0097	0.0067	17	-1.37	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.1185	0.0024	0.1312	0.0097	0.0067	17	-1.32	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.1200	0.0000	0.1312	0.0097	0.0067	17	-1.16	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.1250	0.0100	0.1312	0.0097	0.0067	17	-0.65	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.1250	0.0100	0.1312	0.0097	0.0067	17	-0.65	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.1265	0.0110	0.1312	0.0097	0.0067	17	-0.49	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.1300	0.0200	0.1312	0.0097	0.0067	17	-0.13	0%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.1300	0.0000	0.1312	0.0097	0.0067	17	-0.13	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0653	0.1320	0.0000	0.1312	0.0097	0.0067	17	0.08	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			
027.41	Magnesium, ICP, Dry ash (%)	0139	0.1334	0.0007	0.1312	0.0097	0.0067	17	0.22	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.1340	0.0060	0.1312	0.0097	0.0067	17	0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.1350	0.0100	0.1312	0.0097	0.0067	17	0.39	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.1350	0.0100	0.1312	0.0097	0.0067	17	0.39	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.1350	0.0100	0.1312	0.0097	0.0067	17	0.39	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.1431	0.0005	0.1312	0.0097	0.0067	17	1.22	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.1450	0.0100	0.1312	0.0097	0.0067	17	1.42	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.1475	0.0010	0.1312	0.0097	0.0067	17	1.68	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.0850	0.0100	0.1290	0.0105	0.0034	17	-4.20	17%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.1150	0.0100	0.1290	0.0105	0.0034	17	-1.33	5%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.1153	0.0014	0.1290	0.0105	0.0034	17	-1.30	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.1190	0.0100	0.1290	0.0105	0.0034	17	-0.95	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.1200	0.0000	0.1290	0.0105	0.0034	17	-0.86	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.1265	0.0010	0.1290	0.0105	0.0034	17	-0.23	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.1300	0.0000	0.1290	0.0105	0.0034	17	0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.1300	0.0000	0.1290	0.0105	0.0034	17	0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.1300	0.0000	0.1290	0.0105	0.0034	17	0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.1314	0.0004	0.1290	0.0105	0.0034	17	0.23	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.1344	0.0016	0.1290	0.0105	0.0034	17	0.52	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.1349	0.0028	0.1290	0.0105	0.0034	17	0.57	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.1355	0.0090	0.1290	0.0105	0.0034	17	0.62	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.1365	0.0030	0.1290	0.0105	0.0034	17	0.72	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.1400	0.0000	0.1290	0.0105	0.0034	17	1.05	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.1400	0.0000	0.1290	0.0105	0.0034	17	1.05	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.1405	0.0090	0.1290	0.0105	0.0034	17	1.10	4%	0
027.43	Magnesium, ICP, Microwave (%)	2187	0.1000	0.0000	0.1293	0.0074	0.0067	21	-3.96	11%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.1200	0.0000	0.1293	0.0074	0.0067	21	-1.26	4%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.1200	0.0000	0.1293	0.0074	0.0067	21	-1.26	4%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.1225	0.0030	0.1293	0.0074	0.0067	21	-0.92	3%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.1250	0.0100	0.1293	0.0074	0.0067	21	-0.58	2%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.1250	0.0100	0.1293	0.0074	0.0067	21	-0.58	2%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.1255	0.0030	0.1293	0.0074	0.0067	21	-0.51	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.1265	0.0010	0.1293	0.0074	0.0067	21	-0.38	1%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.1299	0.0031	0.1293	0.0074	0.0067	21	0.08	0%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.1300	0.0000	0.1293	0.0074	0.0067	21	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.1300	0.0000	0.1293	0.0074	0.0067	21	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.1300	0.0080	0.1293	0.0074	0.0067	21	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.1300	0.0200	0.1293	0.0074	0.0067	21	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.1300	0.0000	0.1293	0.0074	0.0067	21	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.1300	0.0000	0.1293	0.0074	0.0067	21	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.1300	0.0000	0.1293	0.0074	0.0067	21	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.1350	0.0100	0.1293	0.0074	0.0067	21	0.78	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	
027.43	Magnesium, ICP, Microwave (%)	2124	0.1365	0.0010	0.1293	0.0074	0.0067	21	0.98	3%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.1400	0.0000	0.1293	0.0074	0.0067	21	1.45	4%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.1452	0.0295	0.1293	0.0074	0.0067	21	2.15	6%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.1485	0.0430	0.1293	0.0074	0.0067	21	2.60	7%	0
027.43	Magnesium, ICP, Microwave (%)	0032	1.300	0.0400	0.1293	0.0074	0.0067	21	158.46	453%	2
027.44	Magnesium, ICP, Dry ash (%)	2219	0.1265	0.0050	0.1293	0.0027	0.0029	7	-1.05	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2293	0.1265	0.0070	0.1293	0.0027	0.0029	7	-1.05	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2252	0.1275	0.0030	0.1293	0.0027	0.0029	7	-0.67	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2156	0.1305	0.0010	0.1293	0.0027	0.0029	7	0.46	0%	0
027.44	Magnesium, ICP, Dry ash (%)	0065	0.1310	0.0000	0.1293	0.0027	0.0029	7	0.65	1%	0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.1315	0.0010	0.1293	0.0027	0.0029	7	0.83	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2220	0.1315	0.0030	0.1293	0.0027	0.0029	7	0.83	1%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.1232	0.0049				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.1303	0.0038				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	2055	0.1248	0.0008	0.1320	0.0042	0.0038	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.1320	0.0040	0.1320	0.0042	0.0038	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0015	0.1330	0.0040	0.1320	0.0042	0.0038	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.1350	0.0000	0.1320	0.0042	0.0038	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.1350	0.0100	0.1320	0.0042	0.0038	5			0
027.99	Magnesium, Miscellaneous (%)	0242	0.1200	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0590	0.1300	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.1400	0.0000				3			0
028.31	Manganese, AAS, Dry ash (ppm)	0689	33.70	1.400	48.97	4.676	1.530	13	-3.27	16%	0
028.31	Manganese, AAS, Dry ash (ppm)	0620	41.16	2.319	48.97	4.676	1.530	13	-1.67	8%	0
028.31	Manganese, AAS, Dry ash (ppm)	0868	47.05	0.4800	48.97	4.676	1.530	13	-0.41	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	47.62	3.660	48.97	4.676	1.530	13	-0.29	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	47.89	3.770	48.97	4.676	1.530	13	-0.23	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0175	48.00	4.000	48.97	4.676	1.530	13	-0.21	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2022	49.00	1.335	48.97	4.676	1.530	13	0.01	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	49.84	1.460	48.97	4.676	1.530	13	0.19	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	49.90	0.8000	48.97	4.676	1.530	13	0.20	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	50.50	0.0000	48.97	4.676	1.530	13	0.33	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0921	52.00	0.0000	48.97	4.676	1.530	13	0.65	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	2115	54.95	0.3700	48.97	4.676	1.530	13	1.28	6%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	158.0	0.3000	48.97	4.676	1.530	13	23.31	111%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	28.03	44.15	48.97	4.676	1.530	13	-4.48	21%	1
028.32	Manganese, AAS, Open vessel (ppm)	0038	57.49	0.4300				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	47.96	0.4450				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0653	45.97	0.3500	52.50	2.519	1.766	16	-2.59	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	49.68	0.5145	52.50	2.519	1.766	16	-1.12	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	50.00	6.000	52.50	2.519	1.766	16	-0.99	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	2012	50.03	1.370	52.50	2.519	1.766	16	-0.98	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			
028.41	Manganese, ICP, Dry ash (ppm)	0619	51.05	0.3000	52.50	2.519	1.766	16	-0.58	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	51.55	0.3400	52.50	2.519	1.766	16	-0.38	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0878	52.50	1.000	52.50	2.519	1.766	16	0.00	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	52.68	3.970	52.50	2.519	1.766	16	0.07	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	52.76	2.850	52.50	2.519	1.766	16	0.10	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	53.20	2.050	52.50	2.519	1.766	16	0.28	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	53.55	1.500	52.50	2.519	1.766	16	0.42	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	53.63	4.790	52.50	2.519	1.766	16	0.45	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0003	54.00	0.0000	52.50	2.519	1.766	16	0.60	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	54.13	1.060	52.50	2.519	1.766	16	0.65	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	56.47	0.0500	52.50	2.519	1.766	16	1.57	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0405	82.85	2.110	52.50	2.519	1.766	16	12.05	29%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	28.40	0.0100	52.60	3.413	1.499	21	-7.09	23%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	46.03	0.2100	52.60	3.413	1.499	21	-1.93	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	49.81	0.5000	52.60	3.413	1.499	21	-0.82	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	50.00	0.0000	52.60	3.413	1.499	21	-0.76	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	50.46	0.1440	52.60	3.413	1.499	21	-0.63	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	50.50	3.000	52.60	3.413	1.499	21	-0.61	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	50.80	1.661	52.60	3.413	1.499	21	-0.53	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	51.10	1.200	52.60	3.413	1.499	21	-0.44	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2053	51.70	0.6000	52.60	3.413	1.499	21	-0.26	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	52.50	1.000	52.60	3.413	1.499	21	-0.03	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	52.50	3.000	52.60	3.413	1.499	21	-0.03	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	52.55	6.500	52.60	3.413	1.499	21	-0.01	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	52.90	2.400	52.60	3.413	1.499	21	0.09	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	53.00	2.000	52.60	3.413	1.499	21	0.12	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	53.50	1.000	52.60	3.413	1.499	21	0.26	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	53.98	0.0880	52.60	3.413	1.499	21	0.41	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	55.03	0.0900	52.60	3.413	1.499	21	0.71	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	56.30	0.4000	52.60	3.413	1.499	21	1.09	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	2207	57.50	7.000	52.60	3.413	1.499	21	1.44	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	57.75	0.1000	52.60	3.413	1.499	21	1.51	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	58.68	0.5700	52.60	3.413	1.499	21	1.78	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	41.27	0.4529	52.45	4.232	1.601	24	-2.64	11%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	45.20	0.1400	52.45	4.232	1.601	24	-1.71	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	46.20	2.000	52.45	4.232	1.601	24	-1.48	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	49.50	1.000	52.45	4.232	1.601	24	-0.70	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0914	49.55	0.3000	52.45	4.232	1.601	24	-0.69	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2314	49.75	1.300	52.45	4.232	1.601	24	-0.64	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	50.00	0.0000	52.45	4.232	1.601	24	-0.58	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	50.25	0.3200	52.45	4.232	1.601	24	-0.52	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	51.00	0.0000	52.45	4.232	1.601	24	-0.34	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	
028.43	Manganese, ICP, Microwave (ppm)	0345	51.05	1.300	52.45	4.232	1.601	24	-0.33	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	51.50	3.000	52.45	4.232	1.601	24	-0.23	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	52.00	2.000	52.45	4.232	1.601	24	-0.11	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	52.80	6.000	52.45	4.232	1.601	24	0.08	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	53.50	1.000	52.45	4.232	1.601	24	0.25	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	53.83	0.3580	52.45	4.232	1.601	24	0.32	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	54.05	0.5200	52.45	4.232	1.601	24	0.38	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	54.76	0.0000	52.45	4.232	1.601	24	0.55	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0032	54.77	1.890	52.45	4.232	1.601	24	0.55	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2124	55.21	2.830	52.45	4.232	1.601	24	0.65	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	55.30	1.000	52.45	4.232	1.601	24	0.67	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	55.36	0.3600	52.45	4.232	1.601	24	0.69	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	58.71	5.967	52.45	4.232	1.601	24	1.48	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	58.85	4.590	52.45	4.232	1.601	24	1.51	6%	0
028.43	Manganese, ICP, Microwave (ppm)	2234	62.34	2.090	52.45	4.232	1.601	24	2.34	9%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	47.02	0.8920	49.28	2.038	0.6155	4			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	49.00	0.0000	49.28	2.038	0.6155	4			0
028.44	Manganese, ICP, Dry ash (ppm)	2152	49.12	0.0800	49.28	2.038	0.6155	4			0
028.44	Manganese, ICP, Dry ash (ppm)	2114	51.98	1.490	49.28	2.038	0.6155	4			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	53.50	1.000				1			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2055	46.95	3.100	50.20	2.788	1.865	6	-1.17	3%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	48.55	0.1000	50.20	2.788	1.865	6	-0.59	2%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	48.73	0.1900	50.20	2.788	1.865	6	-0.53	1%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	51.75	0.7000	50.20	2.788	1.865	6	0.55	2%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0015	52.08	6.010	50.20	2.788	1.865	6	0.67	2%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	53.18	1.090	50.20	2.788	1.865	6	1.07	3%	0
028.99	Manganese, Miscellaneous (ppm)	0242	48.00	2.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0590	52.30	1.600				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	54.00	0.0000				3			0
031.00	Phosphorus, Vol (%)	2295	1.085	0.0100				1			0
031.01	Phosphorus, Photometric (%)	2188	0.9650	0.0100	1.072	0.0334	0.0178	27	-3.19	5%	0
031.01	Phosphorus, Photometric (%)	0626	0.9888	0.0264	1.072	0.0334	0.0178	27	-2.48	4%	0
031.01	Phosphorus, Photometric (%)	0674	1.010	0.0000	1.072	0.0334	0.0178	27	-1.85	3%	0
031.01	Phosphorus, Photometric (%)	0620	1.032	0.0148	1.072	0.0334	0.0178	27	-1.19	2%	0
031.01	Phosphorus, Photometric (%)	0884	1.040	0.0200	1.072	0.0334	0.0178	27	-0.95	1%	0
031.01	Phosphorus, Photometric (%)	0689	1.045	0.0300	1.072	0.0334	0.0178	27	-0.80	1%	0
031.01	Phosphorus, Photometric (%)	0175	1.050	0.0400	1.072	0.0334	0.0178	27	-0.65	1%	0
031.01	Phosphorus, Photometric (%)	0018	1.055	0.1310	1.072	0.0334	0.0178	27	-0.51	1%	0
031.01	Phosphorus, Photometric (%)	0142	1.059	0.0210	1.072	0.0334	0.0178	27	-0.36	1%	0
031.01	Phosphorus, Photometric (%)	2022	1.060	0.0000	1.072	0.0334	0.0178	27	-0.35	1%	0
031.01	Phosphorus, Photometric (%)	0948	1.065	0.0050	1.072	0.0334	0.0178	27	-0.21	0%	0
031.01	Phosphorus, Photometric (%)	2192	1.065	0.0100	1.072	0.0334	0.0178	27	-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	
031.01	Phosphorus, Photometric (%)	0590	1.070	0.0400	1.072	0.0334	0.0178	27	-0.05	0%	0
031.01	Phosphorus, Photometric (%)	2009	1.072	0.0017	1.072	0.0334	0.0178	27	0.01	0%	0
031.01	Phosphorus, Photometric (%)	2193	1.075	0.0100	1.072	0.0334	0.0178	27	0.10	0%	0
031.01	Phosphorus, Photometric (%)	0897	1.080	0.0000	1.072	0.0334	0.0178	27	0.25	0%	0
031.01	Phosphorus, Photometric (%)	2115	1.085	0.0100	1.072	0.0334	0.0178	27	0.40	1%	0
031.01	Phosphorus, Photometric (%)	2196	1.085	0.0000	1.072	0.0334	0.0178	27	0.40	1%	0
031.01	Phosphorus, Photometric (%)	0683	1.090	0.0000	1.072	0.0334	0.0178	27	0.55	1%	0
031.01	Phosphorus, Photometric (%)	2181	1.090	0.0000	1.072	0.0334	0.0178	27	0.55	1%	0
031.01	Phosphorus, Photometric (%)	2006	1.097	0.0090	1.072	0.0334	0.0178	27	0.75	1%	0
031.01	Phosphorus, Photometric (%)	2109	1.100	0.0250	1.072	0.0334	0.0178	27	0.84	1%	0
031.01	Phosphorus, Photometric (%)	0529	1.100	0.0200	1.072	0.0334	0.0178	27	0.85	1%	0
031.01	Phosphorus, Photometric (%)	0868	1.105	0.0100	1.072	0.0334	0.0178	27	1.00	2%	0
031.01	Phosphorus, Photometric (%)	0939	1.110	0.0200	1.072	0.0334	0.0178	27	1.15	2%	0
031.01	Phosphorus, Photometric (%)	0038	1.118	0.0275	1.072	0.0334	0.0178	27	1.38	2%	0
031.01	Phosphorus, Photometric (%)	0878	1.140	0.0000	1.072	0.0334	0.0178	27	2.05	3%	0
031.01	Phosphorus, Photometric (%)	0687	0.9500	0.3000	1.072	0.0334	0.0178	27	-3.64	6%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	1.110	0.0400				1			0
031.03	Phosphorus, Autoanalyzer (%)	0169	1.020	0.0200				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	1.111	0.0320				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	1.111	0.0016				3			0
031.06	Phosphorus, Hach Method (%)	0536	1.025	0.0100				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.9550	0.0900	1.100	0.0567	0.0420	24	-2.56	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	1.035	0.0500	1.100	0.0567	0.0420	24	-1.15	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2232	1.043	0.0820	1.100	0.0567	0.0420	24	-1.01	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	1.050	0.0200	1.100	0.0567	0.0420	24	-0.89	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0653	1.059	0.0030	1.100	0.0567	0.0420	24	-0.74	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	1.065	0.0900	1.100	0.0567	0.0420	24	-0.62	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	1.066	0.0010	1.100	0.0567	0.0420	24	-0.61	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.068	0.0067	1.100	0.0567	0.0420	24	-0.57	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	1.070	0.0200	1.100	0.0567	0.0420	24	-0.53	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	1.080	0.0200	1.100	0.0567	0.0420	24	-0.36	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.085	0.0300	1.100	0.0567	0.0420	24	-0.27	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.090	0.0200	1.100	0.0567	0.0420	24	-0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	1.090	0.0000	1.100	0.0567	0.0420	24	-0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	1.094	0.0410	1.100	0.0567	0.0420	24	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	1.102	0.0182	1.100	0.0567	0.0420	24	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.111	0.0040	1.100	0.0567	0.0420	24	0.19	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.123	0.0610	1.100	0.0567	0.0420	24	0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.135	0.0300	1.100	0.0567	0.0420	24	0.61	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.150	0.0600	1.100	0.0567	0.0420	24	0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.160	0.1400	1.100	0.0567	0.0420	24	1.06	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	1.160	0.1000	1.100	0.0567	0.0420	24	1.06	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			
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.237	0.0090	1.100	0.0567	0.0420	24	2.41	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	1.260	0.0000	1.100	0.0567	0.0420	24	2.82	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.423	0.1120	1.100	0.0567	0.0420	24	5.70	15%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.006	0.0890	1.102	0.0686	0.0516	19	-1.41	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	1.017	0.0305	1.102	0.0686	0.0516	19	-1.25	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.035	0.1700	1.102	0.0686	0.0516	19	-0.98	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	1.055	0.0100	1.102	0.0686	0.0516	19	-0.69	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	1.057	0.0280	1.102	0.0686	0.0516	19	-0.66	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	1.058	0.0330	1.102	0.0686	0.0516	19	-0.65	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	1.060	0.0200	1.102	0.0686	0.0516	19	-0.61	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.080	0.0012	1.102	0.0686	0.0516	19	-0.32	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	1.090	0.0200	1.102	0.0686	0.0516	19	-0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.095	0.1100	1.102	0.0686	0.0516	19	-0.10	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	1.095	0.0300	1.102	0.0686	0.0516	19	-0.10	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	1.115	0.0700	1.102	0.0686	0.0516	19	0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.125	0.0500	1.102	0.0686	0.0516	19	0.33	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.140	0.0790	1.102	0.0686	0.0516	19	0.54	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	1.160	0.0200	1.102	0.0686	0.0516	19	0.84	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.170	0.0000	1.102	0.0686	0.0516	19	0.99	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.185	0.0100	1.102	0.0686	0.0516	19	1.21	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.195	0.0090	1.102	0.0686	0.0516	19	1.35	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2207	1.290	0.2000	1.102	0.0686	0.0516	19	2.74	9%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.9195	0.3450	1.102	0.0686	0.0516	19	-2.66	8%	1
031.43	Phosphorus, ICP, Microwave (%)	0425	1.005	0.0100	1.106	0.0534	0.0214	26	-1.89	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	1.017	0.0460	1.106	0.0534	0.0214	26	-1.67	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	1.030	0.0600	1.106	0.0534	0.0214	26	-1.43	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2187	1.030	0.0200	1.106	0.0534	0.0214	26	-1.43	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0914	1.060	0.0000	1.106	0.0534	0.0214	26	-0.86	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	1.070	0.0000	1.106	0.0534	0.0214	26	-0.68	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	1.075	0.0100	1.106	0.0534	0.0214	26	-0.58	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	1.085	0.0300	1.106	0.0534	0.0214	26	-0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.088	0.0010	1.106	0.0534	0.0214	26	-0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	1.100	0.0200	1.106	0.0534	0.0214	26	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	1.100	0.0000	1.106	0.0534	0.0214	26	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2314	1.100	0.0000	1.106	0.0534	0.0214	26	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.103	0.0030	1.106	0.0534	0.0214	26	-0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.109	0.0046	1.106	0.0534	0.0214	26	0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.119	0.0997	1.106	0.0534	0.0214	26	0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	1.125	0.0100	1.106	0.0534	0.0214	26	0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.130	0.0000	1.106	0.0534	0.0214	26	0.45	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.132	0.0170	1.106	0.0534	0.0214	26	0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.135	0.0300	1.106	0.0534	0.0214	26	0.54	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	
031.43	Phosphorus, ICP, Microwave (%)	2089	1.135	0.0300	1.106	0.0534	0.0214	26	0.54	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	1.137	0.0120	1.106	0.0534	0.0214	26	0.58	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2124	1.140	0.0400	1.106	0.0534	0.0214	26	0.63	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	1.160	0.0000	1.106	0.0534	0.0214	26	1.01	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	1.173	0.0137	1.106	0.0534	0.0214	26	1.25	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.230	0.0400	1.106	0.0534	0.0214	26	2.32	6%	0
031.43	Phosphorus, ICP, Microwave (%)	2234	1.260	0.0600	1.106	0.0534	0.0214	26	2.88	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	1.138	0.1420	1.106	0.0534	0.0214	26	0.60	1%	1
031.44	Phosphorus, ICP, Dry ash (%)	2114	1.025	0.0300	1.070	0.0335	0.0220	9	-1.34	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2219	1.050	0.0200	1.070	0.0335	0.0220	9	-0.59	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	0065	1.053	0.0050	1.070	0.0335	0.0220	9	-0.51	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2156	1.060	0.0000	1.070	0.0335	0.0220	9	-0.29	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2293	1.060	0.0400	1.070	0.0335	0.0220	9	-0.29	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2252	1.065	0.0300	1.070	0.0335	0.0220	9	-0.14	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2220	1.095	0.0100	1.070	0.0335	0.0220	9	0.76	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	0164	1.100	0.0000	1.070	0.0335	0.0220	9	0.90	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	0066	1.161	0.0630	1.070	0.0335	0.0220	9	2.71	4%	0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.9099	0.0069				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	1.038	0.0539				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2055	0.9790	0.0215	1.103	0.1015	0.0423	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	1.060	0.0200	1.103	0.1015	0.0423	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0015	1.090	0.0800	1.103	0.1015	0.0423	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	1.130	0.0800	1.103	0.1015	0.0423	5			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.255	0.0100	1.103	0.1015	0.0423	5			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.9750	0.0500				3			0
031.99	Phosphorus, Miscellaneous (%)	0100	1.025	0.0100				3			0
031.99	Phosphorus, Miscellaneous (%)	0676	1.040	0.0200				3			0
032.02	Potassium, Flame Emission (%)	0884	0.8050	0.0100				1			0
032.31	Potassium, AAS, Dry ash (%)	0536	0.6700	0.0000	0.7331	0.0461	0.0120	6	-1.37	4%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.7000	0.0200	0.7331	0.0461	0.0120	6	-0.72	2%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.7350	0.0100	0.7331	0.0461	0.0120	6	0.04	0%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.7540	0.0060	0.7331	0.0461	0.0120	6	0.45	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.7644	0.0260	0.7331	0.0461	0.0120	6	0.68	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.7750	0.0100	0.7331	0.0461	0.0120	6	0.91	3%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.6200	0.0400				1			0
032.41	Potassium, ICP, Dry ash (%)	0123	0.6800	0.0000	0.7573	0.0502	0.0150	18	-1.54	5%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.6900	0.0400	0.7573	0.0502	0.0150	18	-1.34	4%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.6900	0.0200	0.7573	0.0502	0.0150	18	-1.34	4%	0
032.41	Potassium, ICP, Dry ash (%)	2232	0.6955	0.0630	0.7573	0.0502	0.0150	18	-1.23	4%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.7300	0.0200	0.7573	0.0502	0.0150	18	-0.54	2%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.7400	0.0000	0.7573	0.0502	0.0150	18	-0.34	1%	0
032.41	Potassium, ICP, Dry ash (%)	0354	0.7450	0.0100	0.7573	0.0502	0.0150	18	-0.24	1%	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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032.41	Potassium, ICP, Dry ash (%)	0139	0.7570	0.0020	0.7573	0.0502	0.0150	18	-0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.7630	0.0220	0.7573	0.0502	0.0150	18	0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0653	0.7745	0.0050	0.7573	0.0502	0.0150	18	0.34	1%	0
032.41	Potassium, ICP, Dry ash (%)	0405	0.7765	0.0050	0.7573	0.0502	0.0150	18	0.38	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.7850	0.0100	0.7573	0.0502	0.0150	18	0.55	2%	0
032.41	Potassium, ICP, Dry ash (%)	0878	0.7850	0.0100	0.7573	0.0502	0.0150	18	0.55	2%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.7900	0.0400	0.7573	0.0502	0.0150	18	0.65	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.7956	0.0010	0.7573	0.0502	0.0150	18	0.76	3%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.8000	0.0000	0.7573	0.0502	0.0150	18	0.85	3%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.8090	0.0017	0.7573	0.0502	0.0150	18	1.03	3%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.8225	0.0210	0.7573	0.0502	0.0150	18	1.30	4%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.7200	0.1200	0.7573	0.0502	0.0150	18	-0.74	2%	1
032.42	Potassium, ICP, Open vessel (%)	0294	0.6450	0.0100	0.7720	0.0396	0.0150	16	-3.20	8%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.6971	0.0049	0.7720	0.0396	0.0150	16	-1.89	5%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.7200	0.0200	0.7720	0.0396	0.0150	16	-1.31	3%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.7504	0.0049	0.7720	0.0396	0.0150	16	-0.55	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.7600	0.0000	0.7720	0.0396	0.0150	16	-0.30	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.7665	0.0390	0.7720	0.0396	0.0150	16	-0.14	0%	0
032.42	Potassium, ICP, Open vessel (%)	2053	0.7700	0.0000	0.7720	0.0396	0.0150	16	-0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.7730	0.0100	0.7720	0.0396	0.0150	16	0.03	0%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.7759	0.0049	0.7720	0.0396	0.0150	16	0.10	0%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.7780	0.0040	0.7720	0.0396	0.0150	16	0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.7867	0.0517	0.7720	0.0396	0.0150	16	0.37	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.8000	0.0000	0.7720	0.0396	0.0150	16	0.71	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.8000	0.0200	0.7720	0.0396	0.0150	16	0.71	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.8050	0.0100	0.7720	0.0396	0.0150	16	0.83	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.8100	0.0000	0.7720	0.0396	0.0150	16	0.96	2%	0
032.42	Potassium, ICP, Open vessel (%)	0366	0.8600	0.0600	0.7720	0.0396	0.0150	16	2.22	6%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.6965	0.1030	0.7720	0.0396	0.0150	16	-1.90	5%	1
032.43	Potassium, ICP, Microwave (%)	0425	0.6650	0.0100	0.7724	0.0395	0.0220	20	-2.72	7%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.7100	0.0180	0.7724	0.0395	0.0220	20	-1.58	4%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.7250	0.0100	0.7724	0.0395	0.0220	20	-1.20	3%	0
032.43	Potassium, ICP, Microwave (%)	2187	0.7350	0.0100	0.7724	0.0395	0.0220	20	-0.95	2%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.7400	0.0000	0.7724	0.0395	0.0220	20	-0.82	2%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.7455	0.0030	0.7724	0.0395	0.0220	20	-0.68	2%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.7650	0.0100	0.7724	0.0395	0.0220	20	-0.19	0%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.7650	0.0100	0.7724	0.0395	0.0220	20	-0.19	0%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.7700	0.0200	0.7724	0.0395	0.0220	20	-0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.7700	0.0200	0.7724	0.0395	0.0220	20	-0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.7750	0.0100	0.7724	0.0395	0.0220	20	0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.7800	0.0400	0.7724	0.0395	0.0220	20	0.19	0%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.7840	0.0000	0.7724	0.0395	0.0220	20	0.29	1%	0



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032.43	Potassium, ICP, Microwave (%)	2124	0.7970	0.0000	0.7724	0.0395	0.0220	20	0.62	2%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.7975	0.0230	0.7724	0.0395	0.0220	20	0.63	2%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.8070	0.0040	0.7724	0.0395	0.0220	20	0.88	2%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.8078	0.0355	0.7724	0.0395	0.0220	20	0.89	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.8150	0.0100	0.7724	0.0395	0.0220	20	1.08	3%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.8200	0.0400	0.7724	0.0395	0.0220	20	1.20	3%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.8230	0.1664	0.7724	0.0395	0.0220	20	1.28	3%	0
032.43	Potassium, ICP, Microwave (%)	0032	7.637	0.2830	0.7724	0.0395	0.0220	20	173.61	444%	2
032.44	Potassium, ICP, Dry ash (%)	2219	0.7350	0.0300	0.7498	0.0138	0.0156	7	-1.07	1%	0
032.44	Potassium, ICP, Dry ash (%)	2220	0.7400	0.0200	0.7498	0.0138	0.0156	7	-0.71	1%	0
032.44	Potassium, ICP, Dry ash (%)	2252	0.7400	0.0200	0.7498	0.0138	0.0156	7	-0.71	1%	0
032.44	Potassium, ICP, Dry ash (%)	2156	0.7500	0.0000	0.7498	0.0138	0.0156	7	0.02	0%	0
032.44	Potassium, ICP, Dry ash (%)	2293	0.7550	0.0300	0.7498	0.0138	0.0156	7	0.38	0%	0
032.44	Potassium, ICP, Dry ash (%)	0065	0.7600	0.0000	0.7498	0.0138	0.0156	7	0.74	1%	0
032.44	Potassium, ICP, Dry ash (%)	0164	0.7685	0.0090	0.7498	0.0138	0.0156	7	1.35	1%	0
032.51	Potassium, ICP-MS, Dry ash (%)	2146	0.6700	0.0200				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.6010	0.0243				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.7577	0.0070				2			0
032.53	Potassium, ICP-MS, Microwave (%)	2055	0.7288	0.0288	0.7734	0.0470	0.0290	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.7595	0.0010	0.7734	0.0470	0.0290	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0015	0.7600	0.0400	0.7734	0.0470	0.0290	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.7650	0.0100	0.7734	0.0470	0.0290	5			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	0.8535	0.0650	0.7734	0.0470	0.0290	5			0
032.99	Potassium, Miscellaneous (%)	0242	0.7200	0.0200				3			0
032.99	Potassium, Miscellaneous (%)	0100	0.7350	0.0300				3			0
032.99	Potassium, Miscellaneous (%)	0590	0.7400	0.0200				3			0
033.00	Salt as chloride, Sol Cl (%)	2295	0.9850	0.0100	1.129	0.0656	0.0192	14	-2.19	6%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.040	0.0000	1.129	0.0656	0.0192	14	-1.35	4%	0
033.00	Salt as chloride, Sol Cl (%)	0897	1.080	0.0000	1.129	0.0656	0.0192	14	-0.74	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.095	0.0100	1.129	0.0656	0.0192	14	-0.51	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.100	0.0400	1.129	0.0656	0.0192	14	-0.44	1%	0
033.00	Salt as chloride, Sol Cl (%)	2193	1.100	0.0400	1.129	0.0656	0.0192	14	-0.44	1%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.130	0.0000	1.129	0.0656	0.0192	14	0.02	0%	0
033.00	Salt as chloride, Sol Cl (%)	0878	1.140	0.0200	1.129	0.0656	0.0192	14	0.17	1%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.143	0.0610	1.129	0.0656	0.0192	14	0.21	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.156	0.0279	1.129	0.0656	0.0192	14	0.41	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.185	0.0100	1.129	0.0656	0.0192	14	0.86	2%	0
033.00	Salt as chloride, Sol Cl (%)	2022	1.185	0.0300	1.129	0.0656	0.0192	14	0.86	2%	0
033.00	Salt as chloride, Sol Cl (%)	2076	1.190	0.0000	1.129	0.0656	0.0192	14	0.94	3%	0
033.00	Salt as chloride, Sol Cl (%)	0298	1.260	0.0200	1.129	0.0656	0.0192	14	2.00	6%	0
033.00	Salt as chloride, Sol Cl (%)	0366	1.310	0.1600	1.129	0.0656	0.0192	14	2.76	8%	1
033.01	Salt as chloride, Poten Cl (%)	2268	1.080	0.0400	1.186	0.0320	0.0148	18	-3.30	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	
033.01	Salt as chloride, Poten Cl (%)	0619	1.095	0.0100	1.186	0.0320	0.0148	18	-2.84	4%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.150	0.0000	1.186	0.0320	0.0148	18	-1.11	2%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.154	0.0000	1.186	0.0320	0.0148	18	-0.98	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.170	0.0200	1.186	0.0320	0.0148	18	-0.49	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.180	0.0200	1.186	0.0320	0.0148	18	-0.18	0%	0
033.01	Salt as chloride, Poten Cl (%)	2109	1.182	0.0090	1.186	0.0320	0.0148	18	-0.13	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.185	0.0500	1.186	0.0320	0.0148	18	-0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.185	0.0100	1.186	0.0320	0.0148	18	-0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.188	0.0060	1.186	0.0320	0.0148	18	0.07	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.190	0.0000	1.186	0.0320	0.0148	18	0.14	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.195	0.0100	1.186	0.0320	0.0148	18	0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.200	0.0000	1.186	0.0320	0.0148	18	0.45	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.200	0.0000	1.186	0.0320	0.0148	18	0.45	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.200	0.0000	1.186	0.0320	0.0148	18	0.45	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.220	0.0400	1.186	0.0320	0.0148	18	1.08	1%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.297	0.0310	1.186	0.0320	0.0148	18	3.47	5%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.510	0.0200	1.186	0.0320	0.0148	18	10.15	14%	0
033.03	Salt as chloride, Quantab (%)	0144	0.4600	0.1000				2			0
033.03	Salt as chloride, Quantab (%)	0265	1.080	0.0200				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	1.060	0.0200				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	1.080	0.0200				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.155	0.0100				3			0
033.99	Salt, Miscellaneous (%)	2129	1.029	0.0290	1.255	0.2594	0.0266	9	-0.87	9%	0
033.99	Salt, Miscellaneous (%)	0536	1.035	0.0100	1.255	0.2594	0.0266	9	-0.85	9%	0
033.99	Salt, Miscellaneous (%)	2073	1.055	0.0100	1.255	0.2594	0.0266	9	-0.77	8%	0
033.99	Salt, Miscellaneous (%)	0910	1.140	0.0200	1.255	0.2594	0.0266	9	-0.44	5%	0
033.99	Salt, Miscellaneous (%)	0682	1.200	0.0000	1.255	0.2594	0.0266	9	-0.21	2%	0
033.99	Salt, Miscellaneous (%)	2181	1.200	0.0000	1.255	0.2594	0.0266	9	-0.21	2%	0
033.99	Salt, Miscellaneous (%)	0032	1.499	0.0275	1.255	0.2594	0.0266	9	0.94	10%	0
033.99	Salt, Miscellaneous (%)	0017	1.520	0.0529	1.255	0.2594	0.0266	9	1.02	11%	0
033.99	Salt, Miscellaneous (%)	0358	1.615	0.0900	1.255	0.2594	0.0266	9	1.39	14%	0
034.01	Selenium, Fluor (ppm)	0038	0.6428	0.0084				1			0
034.04	Selenium, AA, Hydride (ppm)	0045	0.5170	0.0680				2			0
034.04	Selenium, AA, Hydride (ppm)	0169	0.6150	0.0300				2			0
034.41	Selenium, ICP, Dry ash (ppm)	0619	0.4830	0.0020				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0148	0.5435	0.0070				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0407	1.680	0.0800				3			0
034.42	Selenium, ICP, Open vessel (ppm)	0692	< 1					0			5
034.43	Selenium, ICP, Microwave (ppm)	2234	0.1800	0.0200	1.013	0.9224	0.0370	6	-0.90	41%	0
034.43	Selenium, ICP, Microwave (ppm)	2114	0.4300	0.0200	1.013	0.9224	0.0370	6	-0.63	29%	0
034.43	Selenium, ICP, Microwave (ppm)	0964	0.4379	0.0092	1.013	0.9224	0.0370	6	-0.62	28%	0
034.43	Selenium, ICP, Microwave (ppm)	0968	1.090	0.0530	1.013	0.9224	0.0370	6	0.08	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			
034.43	Selenium, ICP, Microwave (ppm)	0407	1.740	0.1200	1.013	0.9224	0.0370	6	0.79	36%	0
034.43	Selenium, ICP, Microwave (ppm)	0682	2.200	0.0000	1.013	0.9224	0.0370	6	1.29	59%	0
034.43	Selenium, ICP, Microwave (ppm)	2124	< 1		1.013	0.9224	0.0370	6			5
034.52	Selenium, ICP-MS, Open vessel (ppm)	0186	0.5650	0.0198				3			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0910	0.6200	0.0200				3			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	2207	0.7000	0.2000				3			0
034.53	Selenium, ICP-MS, Microwave (ppm)	2055	0.5550	0.0100	0.6342	0.0863	0.0485	9	-0.92	6%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0009	0.5719	0.1040	0.6342	0.0863	0.0485	9	-0.72	5%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0164	0.5725	0.0070	0.6342	0.0863	0.0485	9	-0.72	5%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0553	0.6095	0.0150	0.6342	0.0863	0.0485	9	-0.29	2%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0610	0.6150	0.0300	0.6342	0.0863	0.0485	9	-0.22	2%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0032	0.6305	0.0350	0.6342	0.0863	0.0485	9	-0.04	0%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0015	0.6350	0.1500	0.6342	0.0863	0.0485	9	0.01	0%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	2012	0.7550	0.0440	0.6342	0.0863	0.0485	9	1.40	10%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0918	0.9265	0.0412	0.6342	0.0863	0.0485	9	3.39	23%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0939	0.9100	0.3600	0.6342	0.0863	0.0485	9	3.20	22%	1
034.99	Selenium, Miscellaneous (ppm)	0190	1.750	0.0800				1			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.5980	0.0080				1			0
035.02	Sodium, Em Spect (%)	0884	0.5650	0.0100				1			0
035.31	Sodium, AAS, Dry ash (%)	0175	0.4800	0.0400	0.5716	0.0496	0.0112	11	-1.84	8%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.5000	0.0000	0.5716	0.0496	0.0112	11	-1.44	6%	0
035.31	Sodium, AAS, Dry ash (%)	2115	0.5551	0.0170	0.5716	0.0496	0.0112	11	-0.33	1%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.5660	0.0060	0.5716	0.0496	0.0112	11	-0.11	0%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.5687	0.0148	0.5716	0.0496	0.0112	11	-0.06	0%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.5750	0.0300	0.5716	0.0496	0.0112	11	0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.5800	0.0000	0.5716	0.0496	0.0112	11	0.17	1%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.5900	0.0000	0.5716	0.0496	0.0112	11	0.37	2%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.6000	0.0000	0.5716	0.0496	0.0112	11	0.57	2%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.6095	0.0050	0.5716	0.0496	0.0112	11	0.76	3%	0
035.31	Sodium, AAS, Dry ash (%)	0620	1.009	0.0108	0.5716	0.0496	0.0112	11	8.80	38%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.4750	0.0700				1			0
035.33	Sodium, AAS, Microwave (%)	0904	0.6150	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	2259	0.5065	0.0290	0.5796	0.0340	0.0155	32	-2.15	6%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.5215	0.0010	0.5796	0.0340	0.0155	32	-1.71	5%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.5400	0.0200	0.5796	0.0340	0.0155	32	-1.17	3%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.5400	0.0000	0.5796	0.0340	0.0155	32	-1.17	3%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.5448	0.0052	0.5796	0.0340	0.0155	32	-1.03	3%	0
035.41	Sodium, ICP, Dry ash (%)	2232	0.5455	0.0250	0.5796	0.0340	0.0155	32	-1.00	3%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.5500	0.0200	0.5796	0.0340	0.0155	32	-0.87	3%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.5565	0.0010	0.5796	0.0340	0.0155	32	-0.68	2%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.5575	0.0230	0.5796	0.0340	0.0155	32	-0.65	2%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.5600	0.0000	0.5796	0.0340	0.0155	32	-0.58	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	
035.41	Sodium, ICP, Dry ash (%)	2219	0.5600	0.0200	0.5796	0.0340	0.0155	32	-0.58	2%	0
035.41	Sodium, ICP, Dry ash (%)	0065	0.5700	0.0000	0.5796	0.0340	0.0155	32	-0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	2293	0.5700	0.0400	0.5796	0.0340	0.0155	32	-0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	2156	0.5750	0.0100	0.5796	0.0340	0.0155	32	-0.14	0%	0
035.41	Sodium, ICP, Dry ash (%)	2252	0.5750	0.0100	0.5796	0.0340	0.0155	32	-0.14	0%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.5813	0.0152	0.5796	0.0340	0.0155	32	0.05	0%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.5850	0.0500	0.5796	0.0340	0.0155	32	0.16	0%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.5850	0.0100	0.5796	0.0340	0.0155	32	0.16	0%	0
035.41	Sodium, ICP, Dry ash (%)	0653	0.5850	0.0020	0.5796	0.0340	0.0155	32	0.16	0%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.5850	0.0100	0.5796	0.0340	0.0155	32	0.16	0%	0
035.41	Sodium, ICP, Dry ash (%)	2220	0.5900	0.0400	0.5796	0.0340	0.0155	32	0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0003	0.5900	0.0600	0.5796	0.0340	0.0155	32	0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.5926	0.0036	0.5796	0.0340	0.0155	32	0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.5985	0.0070	0.5796	0.0340	0.0155	32	0.56	2%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.6050	0.0100	0.5796	0.0340	0.0155	32	0.75	2%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.6065	0.0010	0.5796	0.0340	0.0155	32	0.79	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.6100	0.0000	0.5796	0.0340	0.0155	32	0.89	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.6200	0.0000	0.5796	0.0340	0.0155	32	1.19	3%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.6230	0.0100	0.5796	0.0340	0.0155	32	1.28	4%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.6281	0.0205	0.5796	0.0340	0.0155	32	1.43	4%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.6350	0.0300	0.5796	0.0340	0.0155	32	1.63	5%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.6735	0.0210	0.5796	0.0340	0.0155	32	2.76	8%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.4765	0.0550	0.5773	0.0500	0.0176	16	-2.01	9%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.5090	0.0120	0.5773	0.0500	0.0176	16	-1.37	6%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.5300	0.0000	0.5773	0.0500	0.0176	16	-0.95	4%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.5352	0.0001	0.5773	0.0500	0.0176	16	-0.84	4%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.5400	0.0200	0.5773	0.0500	0.0176	16	-0.75	3%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.5620	0.0060	0.5773	0.0500	0.0176	16	-0.31	1%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.5700	0.0200	0.5773	0.0500	0.0176	16	-0.15	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.5850	0.0300	0.5773	0.0500	0.0176	16	0.15	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.5897	0.0067	0.5773	0.0500	0.0176	16	0.25	1%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.5971	0.0058	0.5773	0.0500	0.0176	16	0.40	2%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.5975	0.0030	0.5773	0.0500	0.0176	16	0.40	2%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.6000	0.0280	0.5773	0.0500	0.0176	16	0.45	2%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.6150	0.0100	0.5773	0.0500	0.0176	16	0.75	3%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.6200	0.0200	0.5773	0.0500	0.0176	16	0.85	4%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.6400	0.0000	0.5773	0.0500	0.0176	16	1.25	5%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.6445	0.0650	0.5773	0.0500	0.0176	16	1.34	6%	0
035.42	Sodium, ICP, Open vessel (%)	2207	0.7100	0.1200	0.5773	0.0500	0.0176	16	2.65	11%	1
035.43	Sodium, ICP, Microwave (%)	0425	0.5250	0.0100	0.5928	0.0391	0.0282	25	-1.73	6%	0
035.43	Sodium, ICP, Microwave (%)	0036	0.5325	0.0248	0.5928	0.0391	0.0282	25	-1.54	5%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.5460	0.0220	0.5928	0.0391	0.0282	25	-1.20	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			
035.43	Sodium, ICP, Microwave (%)	2192	0.5500	0.1000	0.5928	0.0391	0.0282	25	-1.09	4%	0
035.43	Sodium, ICP, Microwave (%)	0914	0.5505	0.0530	0.5928	0.0391	0.0282	25	-1.08	4%	0
035.43	Sodium, ICP, Microwave (%)	2187	0.5650	0.0100	0.5928	0.0391	0.0282	25	-0.71	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.5675	0.0110	0.5928	0.0391	0.0282	25	-0.65	2%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.5800	0.0000	0.5928	0.0391	0.0282	25	-0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.5850	0.0100	0.5928	0.0391	0.0282	25	-0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.5900	0.0000	0.5928	0.0391	0.0282	25	-0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.5900	0.0200	0.5928	0.0391	0.0282	25	-0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.5900	0.0600	0.5928	0.0391	0.0282	25	-0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.5905	0.0050	0.5928	0.0391	0.0282	25	-0.06	0%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.5950	0.0100	0.5928	0.0391	0.0282	25	0.06	0%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.5980	0.0208	0.5928	0.0391	0.0282	25	0.13	0%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.6000	0.0200	0.5928	0.0391	0.0282	25	0.18	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.6032	0.0279	0.5928	0.0391	0.0282	25	0.26	1%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.6110	0.0360	0.5928	0.0391	0.0282	25	0.46	2%	0
035.43	Sodium, ICP, Microwave (%)	0010	0.6150	0.0300	0.5928	0.0391	0.0282	25	0.57	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.6180	0.0020	0.5928	0.0391	0.0282	25	0.64	2%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.6250	0.0100	0.5928	0.0391	0.0282	25	0.82	3%	0
035.43	Sodium, ICP, Microwave (%)	2124	0.6300	0.0000	0.5928	0.0391	0.0282	25	0.95	3%	0
035.43	Sodium, ICP, Microwave (%)	2314	0.6500	0.1000	0.5928	0.0391	0.0282	25	1.46	5%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.6588	0.0831	0.5928	0.0391	0.0282	25	1.68	6%	0
035.43	Sodium, ICP, Microwave (%)	2234	0.8200	0.0400	0.5928	0.0391	0.0282	25	5.80	19%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.5360	0.0047				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.5850	0.0129				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.5700	0.0200	0.5854	0.0107	0.0183	5			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.5840	0.0180	0.5854	0.0107	0.0183	5			0
035.53	Sodium, ICP-MS, Microwave (%)	0015	0.5865	0.0210	0.5854	0.0107	0.0183	5			0
035.53	Sodium, ICP-MS, Microwave (%)	2055	0.5867	0.0086	0.5854	0.0107	0.0183	5			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.6000	0.0240	0.5854	0.0107	0.0183	5			0
035.99	Sodium, Miscellaneous (%)	0242	0.5400	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.5950	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0590	0.5950	0.0100				3			0
036.00	Sulfur, Gravimetric (%)	0038	0.3938	0.0053				1			0
036.01	Sulfur, Analyzer (%)	2053	0.4000	0.0000				1			0
036.04	Sulfur, LECO (%)	0226	0.3550	0.0300				2			0
036.04	Sulfur, LECO (%)	0148	0.3850	0.0100				2			0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.3550	0.0100	0.3827	0.0178	0.0103	17	-1.55	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3565	0.0230	0.3827	0.0178	0.0103	17	-1.47	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3700	0.0000	0.3827	0.0178	0.0103	17	-0.71	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.3700	0.0400	0.3827	0.0178	0.0103	17	-0.71	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.3715	0.0103	0.3827	0.0178	0.0103	17	-0.63	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.3750	0.0100	0.3827	0.0178	0.0103	17	-0.43	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	
036.42	Sulfur, ICP, Open vessel (%)	2129	0.3783	0.0165	0.3827	0.0178	0.0103	17	-0.25	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3790	0.0140	0.3827	0.0178	0.0103	17	-0.21	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.3850	0.0100	0.3827	0.0178	0.0103	17	0.13	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3850	0.0100	0.3827	0.0178	0.0103	17	0.13	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3865	0.0148	0.3827	0.0178	0.0103	17	0.21	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.3872	0.0010	0.3827	0.0178	0.0103	17	0.25	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.3919	0.0008	0.3827	0.0178	0.0103	17	0.52	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.3950	0.0100	0.3827	0.0178	0.0103	17	0.69	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.4000	0.0000	0.3827	0.0178	0.0103	17	0.97	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.4135	0.0030	0.3827	0.0178	0.0103	17	1.73	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.4240	0.0020	0.3827	0.0178	0.0103	17	2.32	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.4075	0.0910	0.3827	0.0178	0.0103	17	1.39	3%	1
036.43	Sulfur, ICP, Microwave (%)	0297	0.3650	0.0300	0.4050	0.0276	0.0170	13	-1.45	5%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3800	0.0200	0.4050	0.0276	0.0170	13	-0.91	3%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.3800	0.0000	0.4050	0.0276	0.0170	13	-0.91	3%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.3925	0.0150	0.4050	0.0276	0.0170	13	-0.45	2%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.3930	0.0240	0.4050	0.0276	0.0170	13	-0.44	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.4000	0.0200	0.4050	0.0276	0.0170	13	-0.18	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.4005	0.0010	0.4050	0.0276	0.0170	13	-0.16	1%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.4025	0.0330	0.4050	0.0276	0.0170	13	-0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.4100	0.0200	0.4050	0.0276	0.0170	13	0.18	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.4287	0.0197	0.4050	0.0276	0.0170	13	0.86	3%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.4317	0.0182	0.4050	0.0276	0.0170	13	0.97	3%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.4350	0.0100	0.4050	0.0276	0.0170	13	1.09	4%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.4550	0.0100	0.4050	0.0276	0.0170	13	1.81	6%	0
036.43	Sulfur, ICP, Microwave (%)	0032	3.816	0.0990	0.4050	0.0276	0.0170	13	123.50	421%	2
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.3805	0.0012				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3939	0.0076				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0015	0.3970	0.0020				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.4140	0.0160				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.3500	0.0000				1			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	148.7	12.95	171.0	10.87	4.605	14	-2.05	7%	0
037.31	Zinc, AAS, Dry ash (ppm)	2146	150.2	2.080	171.0	10.87	4.605	14	-1.91	6%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	161.3	7.000	171.0	10.87	4.605	14	-0.89	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	164.0	7.540	171.0	10.87	4.605	14	-0.64	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	166.7	4.550	171.0	10.87	4.605	14	-0.39	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0868	171.0	4.000	171.0	10.87	4.605	14	0.00	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	171.7	2.700	171.0	10.87	4.605	14	0.06	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0921	175.5	1.000	171.0	10.87	4.605	14	0.42	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0884	175.9	11.30	171.0	10.87	4.605	14	0.45	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0175	176.5	3.000	171.0	10.87	4.605	14	0.51	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	176.8	1.900	171.0	10.87	4.605	14	0.53	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			
037.31	Zinc, AAS, Dry ash (ppm)	2196	177.3	0.0000	171.0	10.87	4.605	14	0.59	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2115	180.4	0.1400	171.0	10.87	4.605	14	0.86	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	2022	188.4	6.303	171.0	10.87	4.605	14	1.61	5%	0
037.31	Zinc, AAS, Dry ash (ppm)	0620	279.7	24.00	171.0	10.87	4.605	14	10.00	32%	1
037.32	Zinc, AAS, Open vessel (ppm)	0038	176.3	7.700				1			0
037.33	Zinc, AAS, Microwave (ppm)	0010	170.0	0.0000				2			0
037.33	Zinc, AAS, Microwave (ppm)	0948	180.0	0.9380				2			0
037.41	Zinc, ICP, Dry ash (ppm)	0653	142.1	1.000	172.2	12.11	3.810	17	-2.48	9%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	158.0	8.000	172.2	12.11	3.810	17	-1.17	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	160.5	2.190	172.2	12.11	3.810	17	-0.96	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	2012	161.1	0.3900	172.2	12.11	3.810	17	-0.91	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	164.6	3.640	172.2	12.11	3.810	17	-0.62	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0051	164.8	1.650	172.2	12.11	3.810	17	-0.61	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	167.9	1.730	172.2	12.11	3.810	17	-0.35	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	171.4	11.15	172.2	12.11	3.810	17	-0.06	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0878	174.0	4.000	172.2	12.11	3.810	17	0.15	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0003	175.5	1.000	172.2	12.11	3.810	17	0.28	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	176.4	4.222	172.2	12.11	3.810	17	0.35	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	179.0	0.5000	172.2	12.11	3.810	17	0.56	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	179.5	5.100	172.2	12.11	3.810	17	0.60	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	179.5	13.00	172.2	12.11	3.810	17	0.61	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	180.0	4.000	172.2	12.11	3.810	17	0.65	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	195.3	1.800	172.2	12.11	3.810	17	1.91	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0405	206.5	1.400	172.2	12.11	3.810	17	2.84	10%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	147.0	2.000	171.3	20.04	3.452	18	-1.21	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	148.5	1.000	171.3	20.04	3.452	18	-1.14	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	153.7	1.100	171.3	20.04	3.452	18	-0.88	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	155.1	1.300	171.3	20.04	3.452	18	-0.81	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	155.5	13.00	171.3	20.04	3.452	18	-0.79	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	161.0	2.000	171.3	20.04	3.452	18	-0.51	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	162.5	1.000	171.3	20.04	3.452	18	-0.44	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	163.0	0.0000	171.3	20.04	3.452	18	-0.41	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	165.0	22.00	171.3	20.04	3.452	18	-0.31	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	168.8	1.526	171.3	20.04	3.452	18	-0.13	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	168.9	5.116	171.3	20.04	3.452	18	-0.12	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	178.2	0.2910	171.3	20.04	3.452	18	0.34	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	182.7	1.300	171.3	20.04	3.452	18	0.57	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	185.1	0.3000	171.3	20.04	3.452	18	0.69	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	193.0	2.000	171.3	20.04	3.452	18	1.08	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	195.8	4.400	171.3	20.04	3.452	18	1.22	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	198.4	1.500	171.3	20.04	3.452	18	1.35	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	226.0	2.300	171.3	20.04	3.452	18	2.73	16%	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			
037.42	Zinc, ICP, Open vessel (ppm)	2207	190.0	30.00	171.3	20.04	3.452	18	0.93	5%	1
037.43	Zinc, ICP, Microwave (ppm)	0425	153.2	1.240	176.0	14.38	5.860	23	-1.58	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	159.3	2.070	176.0	14.38	5.860	23	-1.16	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	159.7	13.13	176.0	14.38	5.860	23	-1.13	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	160.0	10.00	176.0	14.38	5.860	23	-1.11	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	166.5	19.00	176.0	14.38	5.860	23	-0.66	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	167.0	4.000	176.0	14.38	5.860	23	-0.62	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	169.5	1.000	176.0	14.38	5.860	23	-0.45	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	170.0	4.000	176.0	14.38	5.860	23	-0.41	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0032	170.2	4.200	176.0	14.38	5.860	23	-0.40	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	171.5	5.750	176.0	14.38	5.860	23	-0.31	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	174.5	3.000	176.0	14.38	5.860	23	-0.10	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	175.3	3.940	176.0	14.38	5.860	23	-0.05	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2124	176.8	1.100	176.0	14.38	5.860	23	0.06	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	176.8	0.0000	176.0	14.38	5.860	23	0.06	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	177.0	0.0000	176.0	14.38	5.860	23	0.07	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	177.7	16.80	176.0	14.38	5.860	23	0.12	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	181.5	1.000	176.0	14.38	5.860	23	0.39	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	183.9	0.4380	176.0	14.38	5.860	23	0.55	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	189.5	24.86	176.0	14.38	5.860	23	0.94	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	193.5	1.000	176.0	14.38	5.860	23	1.22	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	197.3	13.00	176.0	14.38	5.860	23	1.48	6%	0
037.43	Zinc, ICP, Microwave (ppm)	2234	201.8	3.250	176.0	14.38	5.860	23	1.80	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	202.0	2.000	176.0	14.38	5.860	23	1.81	7%	0
037.43	Zinc, ICP, Microwave (ppm)	2314	336.5	5.700	176.0	14.38	5.860	23	11.16	46%	2
037.44	Zinc, ICP, Dry ash (ppm)	0164	160.0	10.00				3			0
037.44	Zinc, ICP, Dry ash (ppm)	0066	162.6	3.457				3			0
037.44	Zinc, ICP, Dry ash (ppm)	2114	169.9	0.6400				3			0
037.51	Zinc, ICP-MS, Dry ash (ppm)	2146	168.1	0.4000				1			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	178.5	3.000				1			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0914	0.1700	0.0260	156.1	32.83	10.94	6	-4.75	50%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	2055	138.0	4.000	156.1	32.83	10.94	6	-0.55	6%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	163.0	6.000	156.1	32.83	10.94	6	0.21	2%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	165.5	27.00	156.1	32.83	10.94	6	0.29	3%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0015	181.2	24.64	156.1	32.83	10.94	6	0.77	8%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	182.0	4.000	156.1	32.83	10.94	6	0.79	8%	0
037.99	Zinc, Miscellaneous (ppm)	0619	158.2	0.4460				3			0
037.99	Zinc, Miscellaneous (ppm)	0590	178.5	1.000				3			0
037.99	Zinc, Miscellaneous (ppm)	0100	193.0	0.0000				3			0
037.99	Zinc, Miscellaneous (ppm)	0242	149.0	8.000				3			1
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	0.8088	0.0029				2			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.085	0.0300				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			
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	0.9150	0.0500				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	1.370	0.0800				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	1.440	0.0200				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	0.9960	0.4780				3			1
038.43	Molybdenum, ICP, Microwave (ppm)	0353	0.7048	0.0582	0.8461	0.1033	0.0219	7	-1.37	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	0.8000	0.0000	0.8461	0.1033	0.0219	7	-0.45	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	0.8200	0.0200	0.8461	0.1033	0.0219	7	-0.25	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	0.8420	0.0160	0.8461	0.1033	0.0219	7	-0.04	0%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	0.8550	0.0300	0.8461	0.1033	0.0219	7	0.09	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0964	0.9000	0.0290	0.8461	0.1033	0.0219	7	0.52	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.200	0.0000	0.8461	0.1033	0.0219	7	3.43	21%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	1.195	0.3900	0.8461	0.1033	0.0219	7	3.38	21%	1
038.43	Molybdenum, ICP, Microwave (ppm)	0202	< 2		0.8461	0.1033	0.0219	7			5
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	0.9700	0.0800				1			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	2055	0.8150	0.0300	0.9787	0.1116	0.0241	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	1.002	0.0370	0.9787	0.1116	0.0241	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	1.040	0.0200	0.9787	0.1116	0.0241	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0918	1.058	0.0094	0.9787	0.1116	0.0241	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0015	1.195	0.1900	0.9787	0.1116	0.0241	4			1
040.53	Barium, ICP-MS, Microwave (ppm)	0015	6.044	0.7070				2			0
040.53	Barium, ICP-MS, Microwave (ppm)	0918	6.258	0.0120				2			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	0.1995	0.0010				1			0
042.00	Chloride, Titrimetric (%)	0948	0.7290	0.0000				2			0
042.00	Chloride, Titrimetric (%)	2124	0.7295	0.0010				2			0
042.99	Chloride, Miscellaneous (%)	0297	0.7850	0.0500				1			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	3,980	20.00				1			0
102.01	Niacin, Microbiological (ppm)	0227	133.5	5.000				1			0
102.02	Niacin, LC (ppm)	2124	143.2	0.0100				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	38.15	0.5000				1			0
103.02	Pantothenic Acid, LC (ppm)	2124	94.90	2.800				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	20.65	0.1000				1			0
104.03	Riboflavin, LC (ppm)	0910	13.99	2.400				2			0
104.03	Riboflavin, LC (ppm)	2124	17.93	0.0700				2			0
105.00	Thiamine, LC (ppm)	0910	215.7	28.89				2			0
105.00	Thiamine, LC (ppm)	2124	232.6	0.9700				2			0
105.01	Thiamine, Fluorometer (ppm)	0227	188.5	7.000				1			0
106.00	Vitamin A, Color (KU / kg)	0227	14.60	0.2000				1			0
106.01	Vitamin A, UV (KU / kg)	0098	15.70	1.200				1			0
106.02	Vitamin A, LC (KU / kg)	0905	8.581	1.606	13.12	2.772	0.9159	18	-1.64	17%	0
106.02	Vitamin A, LC (KU / kg)	0860	8.810	0.0000	13.12	2.772	0.9159	18	-1.55	16%	0
106.02	Vitamin A, LC (KU / kg)	0035	9.700	0.1600	13.12	2.772	0.9159	18	-1.23	13%	0
106.02	Vitamin A, LC (KU / kg)	0038	10.83	0.1096	13.12	2.772	0.9159	18	-0.83	9%	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	
106.02	Vitamin A, LC (KU / kg)	0148	11.53	0.6560	13.12	2.772	0.9159	18	-0.58	6%	0
106.02	Vitamin A, LC (KU / kg)	2053	11.95	1.900	13.12	2.772	0.9159	18	-0.42	4%	0
106.02	Vitamin A, LC (KU / kg)	0010	12.91	0.3300	13.12	2.772	0.9159	18	-0.08	1%	0
106.02	Vitamin A, LC (KU / kg)	0941	13.07	0.8840	13.12	2.772	0.9159	18	-0.02	0%	0
106.02	Vitamin A, LC (KU / kg)	2022	13.50	1.000	13.12	2.772	0.9159	18	0.14	1%	0
106.02	Vitamin A, LC (KU / kg)	0610	13.60	1.000	13.12	2.772	0.9159	18	0.17	2%	0
106.02	Vitamin A, LC (KU / kg)	0676	13.88	0.1500	13.12	2.772	0.9159	18	0.27	3%	0
106.02	Vitamin A, LC (KU / kg)	0910	14.20	0.8000	13.12	2.772	0.9159	18	0.39	4%	0
106.02	Vitamin A, LC (KU / kg)	0512	14.28	0.1000	13.12	2.772	0.9159	18	0.42	4%	0
106.02	Vitamin A, LC (KU / kg)	0169	14.35	0.1000	13.12	2.772	0.9159	18	0.44	5%	0
106.02	Vitamin A, LC (KU / kg)	0689	14.90	0.2000	13.12	2.772	0.9159	18	0.64	7%	0
106.02	Vitamin A, LC (KU / kg)	0036	15.00	0.8000	13.12	2.772	0.9159	18	0.68	7%	0
106.02	Vitamin A, LC (KU / kg)	0675	18.16	4.190	13.12	2.772	0.9159	18	1.82	19%	0
106.02	Vitamin A, LC (KU / kg)	0619	20.05	2.500	13.12	2.772	0.9159	18	2.50	26%	0
106.02	Vitamin A, LC (KU / kg)	0017	18.63	12.77	13.12	2.772	0.9159	18	1.99	21%	1
106.99	Vitamin A, Miscellaneous (KU / kg)	0904	9.610	0.6800				2			0
106.99	Vitamin A, Miscellaneous (KU / kg)	0914	11.27	0.1200				2			0
107.00	Vitamin B12, Microbiological (ppb)	0227	141.0	12.00				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	6.500	1.000				1			0
108.02	Vitamin D3, LC (KU / kg)	0610	0.4500	0.1000	1.589	0.8472	0.0925	4			0
108.02	Vitamin D3, LC (KU / kg)	0227	1.690	0.0000	1.589	0.8472	0.0925	4			0
108.02	Vitamin D3, LC (KU / kg)	0051	1.715	0.0100	1.589	0.8472	0.0925	4			0
108.02	Vitamin D3, LC (KU / kg)	0675	2.500	0.2600	1.589	0.8472	0.0925	4			0
108.02	Vitamin D3, LC (KU / kg)	0910	2.305	1.070	1.589	0.8472	0.0925	4			1
108.99	Vitamin D3, Miscellaneous (KU / kg)	0160	1.305	0.1700	1.924	0.5725	0.1825	4			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	1.695	0.3100	1.924	0.5725	0.1825	4			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0914	2.040	0.0000	1.924	0.5725	0.1825	4			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0619	2.655	0.2500	1.924	0.5725	0.1825	4			0
109.02	Vitamin E, LC (IU / kg)	0169	158.5	1.000	311.1	63.30	20.05	16	-2.41	25%	0
109.02	Vitamin E, LC (IU / kg)	0038	215.2	9.900	311.1	63.30	20.05	16	-1.52	15%	0
109.02	Vitamin E, LC (IU / kg)	0590	261.0	2.000	311.1	63.30	20.05	16	-0.79	8%	0
109.02	Vitamin E, LC (IU / kg)	0905	263.0	52.00	311.1	63.30	20.05	16	-0.76	8%	0
109.02	Vitamin E, LC (IU / kg)	0675	272.9	20.77	311.1	63.30	20.05	16	-0.60	6%	0
109.02	Vitamin E, LC (IU / kg)	2022	300.0	0.0000	311.1	63.30	20.05	16	-0.18	2%	0
109.02	Vitamin E, LC (IU / kg)	0036	300.5	6.400	311.1	63.30	20.05	16	-0.17	2%	0
109.02	Vitamin E, LC (IU / kg)	0098	306.0	40.00	311.1	63.30	20.05	16	-0.08	1%	0
109.02	Vitamin E, LC (IU / kg)	2152	317.5	5.000	311.1	63.30	20.05	16	0.10	1%	0
109.02	Vitamin E, LC (IU / kg)	0610	324.5	13.00	311.1	63.30	20.05	16	0.21	2%	0
109.02	Vitamin E, LC (IU / kg)	0910	332.5	21.00	311.1	63.30	20.05	16	0.34	3%	0
109.02	Vitamin E, LC (IU / kg)	0619	350.5	75.00	311.1	63.30	20.05	16	0.62	6%	0
109.02	Vitamin E, LC (IU / kg)	0941	357.9	41.05	311.1	63.30	20.05	16	0.74	8%	0
109.02	Vitamin E, LC (IU / kg)	0148	365.6	29.77	311.1	63.30	20.05	16	0.86	9%	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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109.02	Vitamin E, LC (IU / kg)	0676	393.0	1.950	311.1	63.30	20.05	16	1.29	13%	0
109.02	Vitamin E, LC (IU / kg)	0227	401.0	2.000	311.1	63.30	20.05	16	1.42	14%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0160	547.5	111.0				1			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	60.25	0.1000				1			0
111.01	Vitamin C, Ascorbic Acid, LC (ppm)	0676	4.830	1.020				3			0
111.01	Vitamin C, Ascorbic Acid, LC (ppm)	0148	15.50	0.4000				3			0
111.01	Vitamin C, Ascorbic Acid, LC (ppm)	2314	33.75	0.1000				3			0
111.01	Vitamin C, Ascorbic Acid, LC (ppm)	0914	< 10					3			5
111.99	Vitamin C, Phosphorylated, Miscellaneous (ppm)	0160	< 60					0			5
112.01	Pyridoxine, LC (µg / g)	0227	12.95	1.100				2			0
112.01	Pyridoxine, LC (µg / g)	2124	17.82	1.300				2			0
113.01	Folic Acid, Micro (ppm)	0227	4.390	0.4000				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.3600	0.0360				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	2.680	1.600				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	1.720	0.0200	1.979	0.0765	0.0320	20	-3.39	7%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.850	0.0200	1.979	0.0765	0.0320	20	-1.69	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.885	0.0300	1.979	0.0765	0.0320	20	-1.23	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.895	0.0197	1.979	0.0765	0.0320	20	-1.10	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	1.939	0.0000	1.979	0.0765	0.0320	20	-0.53	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.970	0.0050	1.979	0.0765	0.0320	20	-0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.970	0.0600	1.979	0.0765	0.0320	20	-0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.972	0.0130	1.979	0.0765	0.0320	20	-0.10	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.974	0.1030	1.979	0.0765	0.0320	20	-0.08	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.975	0.0126	1.979	0.0765	0.0320	20	-0.06	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.978	0.0646	1.979	0.0765	0.0320	20	-0.02	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.987	0.0030	1.979	0.0765	0.0320	20	0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.995	0.0300	1.979	0.0765	0.0320	20	0.20	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	2.004	0.0090	1.979	0.0765	0.0320	20	0.31	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	2.005	0.0300	1.979	0.0765	0.0320	20	0.33	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	2.007	0.0100	1.979	0.0765	0.0320	20	0.36	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	2.035	0.0100	1.979	0.0765	0.0320	20	0.73	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	2.083	0.1080	1.979	0.0765	0.0320	20	1.35	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	2.111	0.0130	1.979	0.0765	0.0320	20	1.71	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	2.120	0.0800	1.979	0.0765	0.0320	20	1.84	4%	0
120.02	Alanine, Post-col OPA Der (%)	0098	1.966	0.0120				1			0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.765	0.1300	1.963	0.1322	0.0655	6	-1.50	5%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.915	0.0700	1.963	0.1322	0.0655	6	-0.36	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.955	0.0100	1.963	0.1322	0.0655	6	-0.06	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	2.002	0.0040	1.963	0.1322	0.0655	6	0.29	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	2.045	0.0610	1.963	0.1322	0.0655	6	0.61	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	2.098	0.1180	1.963	0.1322	0.0655	6	1.02	3%	0
120.99	Alanine, Miscellaneous (%)	0889	1.485	0.0100				3			0

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120.99	Alanine, Miscellaneous (%)	2115	1.950	0.0060				3			0
120.99	Alanine, Miscellaneous (%)	0227	2.060	0.0400				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.664	0.0003	1.822	0.0672	0.0242	20	-2.35	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.705	0.0300	1.822	0.0672	0.0242	20	-1.74	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.745	0.0100	1.822	0.0672	0.0242	20	-1.14	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	1.761	0.0000	1.822	0.0672	0.0242	20	-0.90	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.765	0.0236	1.822	0.0672	0.0242	20	-0.85	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.781	0.0193	1.822	0.0672	0.0242	20	-0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.787	0.0350	1.822	0.0672	0.0242	20	-0.52	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.795	0.0500	1.822	0.0672	0.0242	20	-0.40	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.825	0.0100	1.822	0.0672	0.0242	20	0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	1.830	0.0200	1.822	0.0672	0.0242	20	0.13	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.831	0.0920	1.822	0.0672	0.0242	20	0.14	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.851	0.0250	1.822	0.0672	0.0242	20	0.43	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.852	0.0040	1.822	0.0672	0.0242	20	0.45	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.859	0.0030	1.822	0.0672	0.0242	20	0.55	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.867	0.0070	1.822	0.0672	0.0242	20	0.67	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.868	0.0030	1.822	0.0672	0.0242	20	0.68	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.870	0.0400	1.822	0.0672	0.0242	20	0.72	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	1.880	0.0000	1.822	0.0672	0.0242	20	0.87	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.904	0.0010	1.822	0.0672	0.0242	20	1.22	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	2.035	0.1100	1.822	0.0672	0.0242	20	3.18	6%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.816	0.0020				1			0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.630	0.0000	1.824	0.2046	0.0582	6	-0.95	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.695	0.1000	1.824	0.2046	0.0582	6	-0.63	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.755	0.1900	1.824	0.2046	0.0582	6	-0.34	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.815	0.0360	1.824	0.2046	0.0582	6	-0.05	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.920	0.0200	1.824	0.2046	0.0582	6	0.47	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	2.147	0.0030	1.824	0.2046	0.0582	6	1.57	9%	0
121.99	Arginine, Miscellaneous (%)	0889	1.325	0.0100				3			0
121.99	Arginine, Miscellaneous (%)	0227	1.820	0.0400				3			0
121.99	Arginine, Miscellaneous (%)	2115	1.915	0.0120				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	2.295	0.0900	2.593	0.0978	0.0467	20	-3.04	6%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.445	0.1100	2.593	0.0978	0.0467	20	-1.51	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.473	0.0446	2.593	0.0978	0.0467	20	-1.22	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.505	0.0910	2.593	0.0978	0.0467	20	-0.90	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.509	0.0243	2.593	0.0978	0.0467	20	-0.85	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	2.535	0.0000	2.593	0.0978	0.0467	20	-0.59	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.565	0.0300	2.593	0.0978	0.0467	20	-0.28	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.572	0.0070	2.593	0.0978	0.0467	20	-0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.591	0.0480	2.593	0.0978	0.0467	20	-0.02	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.605	0.0100	2.593	0.0978	0.0467	20	0.13	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 (%)	0644	2.613	0.0030	2.593	0.0978	0.0467	20	0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	2.616	0.0300	2.593	0.0978	0.0467	20	0.24	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.622	0.0541	2.593	0.0978	0.0467	20	0.30	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	2.630	0.1200	2.593	0.0978	0.0467	20	0.38	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	2.641	0.0020	2.593	0.0978	0.0467	20	0.50	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	2.660	0.0200	2.593	0.0978	0.0467	20	0.69	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.675	0.1100	2.593	0.0978	0.0467	20	0.84	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	2.681	0.0140	2.593	0.0978	0.0467	20	0.90	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	2.729	0.0550	2.593	0.0978	0.0467	20	1.39	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	2.885	0.0700	2.593	0.0978	0.0467	20	2.99	6%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	2.608	0.0060				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.260	0.1400	2.531	0.1925	0.0548	6	-1.41	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	2.405	0.0100	2.531	0.1925	0.0548	6	-0.65	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	2.523	0.1150	2.531	0.1925	0.0548	6	-0.04	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	2.646	0.0040	2.531	0.1925	0.0548	6	0.60	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	2.670	0.0400	2.531	0.1925	0.0548	6	0.72	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	2.680	0.0200	2.531	0.1925	0.0548	6	0.78	3%	0
122.99	Aspartic, Miscellaneous (%)	2115	2.558	0.0760				3			0
122.99	Aspartic, Miscellaneous (%)	0227	2.640	0.0400				3			0
122.99	Aspartic, Miscellaneous (%)	0889	2.805	0.0100				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.3400	0.0400	0.4512	0.0445	0.0096	21	-2.50	12%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	0.3752	0.0008	0.4512	0.0445	0.0096	21	-1.71	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0910	0.4200	0.0200	0.4512	0.0445	0.0096	21	-0.70	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.4205	0.0068	0.4512	0.0445	0.0096	21	-0.69	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.4255	0.0070	0.4512	0.0445	0.0096	21	-0.58	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.4285	0.0050	0.4512	0.0445	0.0096	21	-0.51	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0918	0.4300	0.0200	0.4512	0.0445	0.0096	21	-0.48	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0878	0.4320	0.0040	0.4512	0.0445	0.0096	21	-0.43	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.4400	0.0000	0.4512	0.0445	0.0096	21	-0.25	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.4400	0.0040	0.4512	0.0445	0.0096	21	-0.25	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0939	0.4450	0.0300	0.4512	0.0445	0.0096	21	-0.14	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0868	0.4510	0.0080	0.4512	0.0445	0.0096	21	-0.01	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.4515	0.0090	0.4512	0.0445	0.0096	21	0.01	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.4535	0.0070	0.4512	0.0445	0.0096	21	0.05	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.4580	0.0020	0.4512	0.0445	0.0096	21	0.15	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.4650	0.0040	0.4512	0.0445	0.0096	21	0.31	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.4940	0.0000	0.4512	0.0445	0.0096	21	0.96	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0619	0.4985	0.0050	0.4512	0.0445	0.0096	21	1.06	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.5250	0.0300	0.4512	0.0445	0.0096	21	1.66	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.5500	0.0000	0.4512	0.0445	0.0096	21	2.22	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0848	0.6800	0.0000	0.4512	0.0445	0.0096	21	5.14	25%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.4715	0.0110				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			
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.4490	0.0180	0.4581	0.0087	0.0058	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.4565	0.0010	0.4581	0.0087	0.0058	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.4570	0.0040	0.4581	0.0087	0.0058	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.4700	0.0000	0.4581	0.0087	0.0058	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.8990	0.0720	0.4581	0.0087	0.0058	4			2
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.4125	0.0050				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.4200	0.0000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2115	0.4510	0.0060				3			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	4.880	0.0800	5.300	0.1732	0.0740	20	-2.42	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	4.955	0.0123	5.300	0.1732	0.0740	20	-1.99	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	5.130	0.1000	5.300	0.1732	0.0740	20	-0.98	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	5.181	0.0666	5.300	0.1732	0.0740	20	-0.69	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	5.189	0.0510	5.300	0.1732	0.0740	20	-0.64	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	5.190	0.0200	5.300	0.1732	0.0740	20	-0.63	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	5.211	0.0980	5.300	0.1732	0.0740	20	-0.51	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	5.262	0.2770	5.300	0.1732	0.0740	20	-0.22	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	5.275	0.0700	5.300	0.1732	0.0740	20	-0.14	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	5.315	0.0030	5.300	0.1732	0.0740	20	0.08	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	5.315	0.0430	5.300	0.1732	0.0740	20	0.08	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	5.320	0.0400	5.300	0.1732	0.0740	20	0.12	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	5.341	0.0220	5.300	0.1732	0.0740	20	0.24	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	5.354	0.0000	5.300	0.1732	0.0740	20	0.31	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	5.366	0.0320	5.300	0.1732	0.0740	20	0.38	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	5.386	0.0731	5.300	0.1732	0.0740	20	0.50	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	5.405	0.1700	5.300	0.1732	0.0740	20	0.61	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	5.606	0.0220	5.300	0.1732	0.0740	20	1.77	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	5.855	0.2700	5.300	0.1732	0.0740	20	3.20	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	5.965	0.0300	5.300	0.1732	0.0740	20	3.84	6%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	5.231	0.0010				1			0
125.05	Glutamic, Pre-col AQC Der (%)	2188	5.052	0.0040	5.406	0.3687	0.1497	6	-0.96	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	5.140	0.2600	5.406	0.3687	0.1497	6	-0.72	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	5.265	0.0900	5.406	0.3687	0.1497	6	-0.38	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	5.423	0.1630	5.406	0.3687	0.1497	6	0.05	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	5.640	0.0200	5.406	0.3687	0.1497	6	0.64	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	5.914	0.3610	5.406	0.3687	0.1497	6	1.38	5%	0
125.99	Glutamic, Miscellaneous (%)	2115	4.695	0.0710				2			0
125.99	Glutamic, Miscellaneous (%)	0227	5.430	0.0800				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	1.775	0.0500	1.948	0.0727	0.0291	20	-2.38	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.845	0.0300	1.948	0.0727	0.0291	20	-1.42	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	1.857	0.0000	1.948	0.0727	0.0291	20	-1.25	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.860	0.0192	1.948	0.0727	0.0291	20	-1.22	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.900	0.0200	1.948	0.0727	0.0291	20	-0.66	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			
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.901	0.0076	1.948	0.0727	0.0291	20	-0.65	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.940	0.0000	1.948	0.0727	0.0291	20	-0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.942	0.0260	1.948	0.0727	0.0291	20	-0.08	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	1.945	0.0180	1.948	0.0727	0.0291	20	-0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	1.949	0.0100	1.948	0.0727	0.0291	20	0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.960	0.1120	1.948	0.0727	0.0291	20	0.16	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.965	0.0100	1.948	0.0727	0.0291	20	0.23	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.973	0.0060	1.948	0.0727	0.0291	20	0.34	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.974	0.0150	1.948	0.0727	0.0291	20	0.35	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.981	0.0100	1.948	0.0727	0.0291	20	0.45	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	2.010	0.0000	1.948	0.0727	0.0291	20	0.85	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	2.012	0.1251	1.948	0.0727	0.0291	20	0.88	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	2.015	0.0500	1.948	0.0727	0.0291	20	0.92	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	2.036	0.0040	1.948	0.0727	0.0291	20	1.21	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	2.145	0.0700	1.948	0.0727	0.0291	20	2.71	5%	0
126.02	Glycine, Post-col OPA Der (%)	0098	1.981	0.0610				1			0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.740	0.0800	1.954	0.2109	0.0758	6	-1.02	5%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	1.820	0.1600	1.954	0.2109	0.0758	6	-0.64	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.892	0.0260	1.954	0.2109	0.0758	6	-0.29	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	1.983	0.0050	1.954	0.2109	0.0758	6	0.13	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	2.020	0.0400	1.954	0.2109	0.0758	6	0.31	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	2.410	0.1440	1.954	0.2109	0.0758	6	2.16	12%	0
126.99	Glycine, Miscellaneous (%)	0889	0.6075	0.0150				3			0
126.99	Glycine, Miscellaneous (%)	2115	1.869	0.0060				3			0
126.99	Glycine, Miscellaneous (%)	0227	2.005	0.0100				3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.6200	0.0000	0.7042	0.0470	0.0097	20	-1.79	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.6284	0.0035	0.7042	0.0470	0.0097	20	-1.62	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.6575	0.0101	0.7042	0.0470	0.0097	20	-1.00	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.6650	0.0100	0.7042	0.0470	0.0097	20	-0.84	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.6800	0.0000	0.7042	0.0470	0.0097	20	-0.52	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.6850	0.0100	0.7042	0.0470	0.0097	20	-0.41	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.6875	0.0070	0.7042	0.0470	0.0097	20	-0.36	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.6875	0.0030	0.7042	0.0470	0.0097	20	-0.36	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.6918	0.0080	0.7042	0.0470	0.0097	20	-0.26	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.6950	0.0300	0.7042	0.0470	0.0097	20	-0.20	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.6985	0.0030	0.7042	0.0470	0.0097	20	-0.12	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.7065	0.0030	0.7042	0.0470	0.0097	20	0.05	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.7155	0.0010	0.7042	0.0470	0.0097	20	0.24	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.7260	0.0000	0.7042	0.0470	0.0097	20	0.46	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.7335	0.0010	0.7042	0.0470	0.0097	20	0.62	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.7345	0.0430	0.7042	0.0470	0.0097	20	0.64	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.7400	0.0000	0.7042	0.0470	0.0097	20	0.76	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			
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.7640	0.0300	0.7042	0.0470	0.0097	20	1.27	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.7900	0.0220	0.7042	0.0470	0.0097	20	1.83	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.8550	0.0100	0.7042	0.0470	0.0097	20	3.21	11%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.6860	0.0080				1			0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.6035	0.0070	0.6539	0.0405	0.0178	6	-1.24	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.6350	0.0100	0.6539	0.0405	0.0178	6	-0.47	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.6435	0.0210	0.6539	0.0405	0.0178	6	-0.26	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.6550	0.0500	0.6539	0.0405	0.0178	6	0.03	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.6815	0.0090	0.6539	0.0405	0.0178	6	0.68	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.7050	0.0100	0.6539	0.0405	0.0178	6	1.26	4%	0
127.99	Histidine, Miscellaneous (%)	0889	0.6075	0.0150				3			0
127.99	Histidine, Miscellaneous (%)	0227	0.7000	0.0200				3			0
127.99	Histidine, Miscellaneous (%)	2115	0.8340	0.0020				3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.8350	0.0100	1.226	0.0470	0.0193	19	-8.33	16%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	1.045	0.0300	1.226	0.0470	0.0193	19	-3.86	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	1.112	0.0161	1.226	0.0470	0.0193	19	-2.44	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	1.195	0.0150	1.226	0.0470	0.0193	19	-0.68	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	1.200	0.0600	1.226	0.0470	0.0193	19	-0.56	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	1.200	0.0200	1.226	0.0470	0.0193	19	-0.56	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	1.221	0.0214	1.226	0.0470	0.0193	19	-0.11	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	1.224	0.0040	1.226	0.0470	0.0193	19	-0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.225	0.0100	1.226	0.0470	0.0193	19	-0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	1.227	0.0000	1.226	0.0470	0.0193	19	0.02	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.234	0.0070	1.226	0.0470	0.0193	19	0.15	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	1.235	0.0100	1.226	0.0470	0.0193	19	0.19	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	1.250	0.0390	1.226	0.0470	0.0193	19	0.50	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	1.254	0.0010	1.226	0.0470	0.0193	19	0.58	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	1.260	0.0190	1.226	0.0470	0.0193	19	0.71	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	1.262	0.0720	1.226	0.0470	0.0193	19	0.76	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	1.270	0.0120	1.226	0.0470	0.0193	19	0.93	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	1.280	0.0200	1.226	0.0470	0.0193	19	1.14	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.310	0.0010	1.226	0.0470	0.0193	19	1.77	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	1.075	0.1500	1.226	0.0470	0.0193	19	-3.22	6%	1
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.243	0.0090				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	1.110	0.0800	1.234	0.0921	0.0522	6	-1.34	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	1.170	0.0390	1.234	0.0921	0.0522	6	-0.70	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	1.222	0.0740	1.234	0.0921	0.0522	6	-0.13	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	1.290	0.0200	1.234	0.0921	0.0522	6	0.61	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	1.300	0.1000	1.234	0.0921	0.0522	6	0.72	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	1.310	0.0000	1.234	0.0921	0.0522	6	0.83	3%	0
128.99	Isoleucine, Miscellaneous (%)	0227	1.240	0.0200				3			0
128.99	Isoleucine, Miscellaneous (%)	2115	1.305	0.0290				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			
128.99	Isoleucine, Miscellaneous (%)	0889	1.325	0.0100				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	2.700	0.0400	2.896	0.1079	0.0344	20	-1.82	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	2.788	0.0032	2.896	0.1079	0.0344	20	-1.00	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	2.805	0.0100	2.896	0.1079	0.0344	20	-0.85	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	2.810	0.0170	2.896	0.1079	0.0344	20	-0.80	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	2.810	0.0400	2.896	0.1079	0.0344	20	-0.80	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	2.816	0.0000	2.896	0.1079	0.0344	20	-0.75	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	2.825	0.0886	2.896	0.1079	0.0344	20	-0.67	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	2.863	0.0070	2.896	0.1079	0.0344	20	-0.31	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	2.866	0.1440	2.896	0.1079	0.0344	20	-0.28	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	2.875	0.0230	2.896	0.1079	0.0344	20	-0.20	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	2.891	0.0150	2.896	0.1079	0.0344	20	-0.05	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	2.905	0.0100	2.896	0.1079	0.0344	20	0.08	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	2.929	0.0090	2.896	0.1079	0.0344	20	0.30	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	2.931	0.0020	2.896	0.1079	0.0344	20	0.32	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	2.945	0.0700	2.896	0.1079	0.0344	20	0.45	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	2.965	0.0100	2.896	0.1079	0.0344	20	0.64	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	3.010	0.0030	2.896	0.1079	0.0344	20	1.05	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	3.045	0.0700	2.896	0.1079	0.0344	20	1.38	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	3.085	0.0070	2.896	0.1079	0.0344	20	1.74	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	3.230	0.1200	2.896	0.1079	0.0344	20	3.09	6%	0
129.02	Leucine, Post-col OPA Der (%)	0098	2.874	0.0230				1			0
129.05	Leucine, Pre-col AQC Der (%)	0676	2.585	0.1900	2.895	0.2615	0.1233	6	-1.18	5%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	2.815	0.2100	2.895	0.2615	0.1233	6	-0.30	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	2.833	0.0050	2.895	0.2615	0.1233	6	-0.24	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	2.879	0.2230	2.895	0.2615	0.1233	6	-0.06	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	2.970	0.0200	2.895	0.2615	0.1233	6	0.29	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	3.532	0.0920	2.895	0.2615	0.1233	6	2.44	11%	0
129.99	Leucine, Miscellaneous (%)	2115	2.812	0.0310				3			0
129.99	Leucine, Miscellaneous (%)	0227	2.965	0.0700				3			0
129.99	Leucine, Miscellaneous (%)	0889	3.093	0.0150				3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.400	0.0600	1.483	0.0532	0.0245	22	-1.57	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.409	0.0105	1.483	0.0532	0.0245	22	-1.39	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0860	1.410	0.0000	1.483	0.0532	0.0245	22	-1.38	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	1.418	0.0000	1.483	0.0532	0.0245	22	-1.23	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.450	0.0200	1.483	0.0532	0.0245	22	-0.63	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	1.455	0.0500	1.483	0.0532	0.0245	22	-0.54	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.460	0.0400	1.483	0.0532	0.0245	22	-0.44	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	1.470	0.0200	1.483	0.0532	0.0245	22	-0.25	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.470	0.0400	1.483	0.0532	0.0245	22	-0.25	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.478	0.0097	1.483	0.0532	0.0245	22	-0.11	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	1.485	0.0100	1.483	0.0532	0.0245	22	0.03	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	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.487	0.0070	1.483	0.0532	0.0245	22	0.06	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.499	0.0720	1.483	0.0532	0.0245	22	0.29	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	1.502	0.0050	1.483	0.0532	0.0245	22	0.34	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.502	0.0020	1.483	0.0532	0.0245	22	0.35	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.510	0.0600	1.483	0.0532	0.0245	22	0.50	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.517	0.0010	1.483	0.0532	0.0245	22	0.62	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.519	0.0230	1.483	0.0532	0.0245	22	0.66	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.529	0.0040	1.483	0.0532	0.0245	22	0.86	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	1.539	0.0410	1.483	0.0532	0.0245	22	1.03	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.578	0.0234	1.483	0.0532	0.0245	22	1.77	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	1.770	0.0400	1.483	0.0532	0.0245	22	5.39	10%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.575	0.0320				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.320	0.1000	1.460	0.1071	0.0697	6	-1.31	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	1.386	0.0010	1.460	0.1071	0.0697	6	-0.70	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	1.470	0.1950	1.460	0.1071	0.0697	6	0.09	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.486	0.1020	1.460	0.1071	0.0697	6	0.24	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.515	0.0100	1.460	0.1071	0.0697	6	0.51	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	1.585	0.0100	1.460	0.1071	0.0697	6	1.17	4%	0
130.99	L-Lysine, Miscellaneous (%)	2053	1.200	0.0000	1.652	0.3705	0.0200	4			0
130.99	L-Lysine, Miscellaneous (%)	2115	1.616	0.0300	1.652	0.3705	0.0200	4			0
130.99	L-Lysine, Miscellaneous (%)	0227	1.685	0.0300	1.652	0.3705	0.0200	4			0
130.99	L-Lysine, Miscellaneous (%)	0889	2.105	0.0200	1.652	0.3705	0.0200	4			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.3050	0.0300	0.5656	0.0330	0.0089	21	-7.90	23%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.5275	0.0030	0.5656	0.0330	0.0089	21	-1.16	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.5340	0.0080	0.5656	0.0330	0.0089	21	-0.96	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.5370	0.0000	0.5656	0.0330	0.0089	21	-0.87	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.5396	0.0055	0.5656	0.0330	0.0089	21	-0.79	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.5400	0.0000	0.5656	0.0330	0.0089	21	-0.78	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.5400	0.0200	0.5656	0.0330	0.0089	21	-0.78	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.5545	0.0070	0.5656	0.0330	0.0089	21	-0.34	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.5550	0.0100	0.5656	0.0330	0.0089	21	-0.32	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.5600	0.0040	0.5656	0.0330	0.0089	21	-0.17	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.5620	0.0060	0.5656	0.0330	0.0089	21	-0.11	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.5635	0.0010	0.5656	0.0330	0.0089	21	-0.06	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.5750	0.0000	0.5656	0.0330	0.0089	21	0.28	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.5805	0.0110	0.5656	0.0330	0.0089	21	0.45	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.5850	0.0160	0.5656	0.0330	0.0089	21	0.59	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.5933	0.0011	0.5656	0.0330	0.0089	21	0.84	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.5950	0.0040	0.5656	0.0330	0.0089	21	0.89	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.5950	0.0100	0.5656	0.0330	0.0089	21	0.89	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.5950	0.0300	0.5656	0.0330	0.0089	21	0.89	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.6500	0.0200	0.5656	0.0330	0.0089	21	2.56	7%	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			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.7500	0.0000	0.5656	0.0330	0.0089	21	5.59	16%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.5740	0.0040				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.4700	0.0600	0.5766	0.0332	0.0275	6	-3.21	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.5710	0.0500	0.5766	0.0332	0.0275	6	-0.17	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.5725	0.0050	0.5766	0.0332	0.0275	6	-0.12	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.5800	0.0000	0.5766	0.0332	0.0275	6	0.10	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.5950	0.0440	0.5766	0.0332	0.0275	6	0.56	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.6140	0.0060	0.5766	0.0332	0.0275	6	1.13	3%	0
131.99	Methionine, Miscellaneous (%)	2115	0.5435	0.0230	0.6784	0.1211	0.0108	4			0
131.99	Methionine, Miscellaneous (%)	0227	0.6100	0.0000	0.6784	0.1211	0.0108	4			0
131.99	Methionine, Miscellaneous (%)	0889	0.7650	0.0100	0.6784	0.1211	0.0108	4			0
131.99	Methionine, Miscellaneous (%)	2053	0.7950	0.0100	0.6784	0.1211	0.0108	4			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	1.335	0.0100	1.471	0.0757	0.0252	20	-1.80	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	1.354	0.0000	1.471	0.0757	0.0252	20	-1.55	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.365	0.0700	1.471	0.0757	0.0252	20	-1.40	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	1.395	0.0500	1.471	0.0757	0.0252	20	-1.01	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	1.430	0.0200	1.471	0.0757	0.0252	20	-0.55	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.440	0.0110	1.471	0.0757	0.0252	20	-0.42	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	1.460	0.0010	1.471	0.0757	0.0252	20	-0.16	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	1.460	0.0200	1.471	0.0757	0.0252	20	-0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	1.470	0.0270	1.471	0.0757	0.0252	20	-0.02	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	1.470	0.0200	1.471	0.0757	0.0252	20	-0.02	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	1.482	0.0175	1.471	0.0757	0.0252	20	0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	1.487	0.0050	1.471	0.0757	0.0252	20	0.20	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.493	0.0095	1.471	0.0757	0.0252	20	0.28	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	1.500	0.0510	1.471	0.0757	0.0252	20	0.37	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	1.505	0.0500	1.471	0.0757	0.0252	20	0.45	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	1.519	0.0120	1.471	0.0757	0.0252	20	0.63	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	1.520	0.0010	1.471	0.0757	0.0252	20	0.64	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	1.548	0.0490	1.471	0.0757	0.0252	20	1.01	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	1.645	0.0700	1.471	0.0757	0.0252	20	2.29	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	1.729	0.0107	1.471	0.0757	0.0252	20	3.40	9%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	1.469	0.0150				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	1.350	0.1600	1.470	0.1557	0.0702	6	-0.77	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	1.355	0.0700	1.470	0.1557	0.0702	6	-0.74	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	1.421	0.1110	1.470	0.1557	0.0702	6	-0.32	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	1.433	0.0050	1.470	0.1557	0.0702	6	-0.24	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	1.560	0.0200	1.470	0.1557	0.0702	6	0.58	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	1.889	0.0550	1.470	0.1557	0.0702	6	2.69	14%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	1.373	0.0050				3			0
132.99	Phenylalanine, Miscellaneous (%)	2115	1.473	0.0240				3			0
132.99	Phenylalanine, Miscellaneous (%)	0227	1.490	0.0000				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	
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.194	0.0141	2.159	0.0766	0.0626	20	-12.60	22%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.797	0.0309	2.159	0.0766	0.0626	20	-4.72	8%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.930	0.0000	2.159	0.0766	0.0626	20	-2.99	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	2.100	0.0200	2.159	0.0766	0.0626	20	-0.77	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	2.107	0.1162	2.159	0.0766	0.0626	20	-0.68	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	2.125	0.0500	2.159	0.0766	0.0626	20	-0.44	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	2.130	0.1000	2.159	0.0766	0.0626	20	-0.38	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	2.161	0.0240	2.159	0.0766	0.0626	20	0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	2.166	0.0010	2.159	0.0766	0.0626	20	0.08	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	2.168	0.0330	2.159	0.0766	0.0626	20	0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	2.175	0.0700	2.159	0.0766	0.0626	20	0.21	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	2.180	0.1670	2.159	0.0766	0.0626	20	0.27	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	2.180	0.2600	2.159	0.0766	0.0626	20	0.27	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	2.184	0.0180	2.159	0.0766	0.0626	20	0.33	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	2.187	0.0990	2.159	0.0766	0.0626	20	0.36	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	2.190	0.0060	2.159	0.0766	0.0626	20	0.40	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	2.215	0.0300	2.159	0.0766	0.0626	20	0.73	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	2.235	0.1300	2.159	0.0766	0.0626	20	0.99	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	2.331	0.0030	2.159	0.0766	0.0626	20	2.24	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	2.690	0.0800	2.159	0.0766	0.0626	20	6.93	12%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.945	0.0500	2.145	0.1259	0.0828	6	-1.59	5%	0
133.05	Proline, Pre-col AQC Der (%)	0626	2.109	0.0080	2.145	0.1259	0.0828	6	-0.29	1%	0
133.05	Proline, Pre-col AQC Der (%)	0148	2.110	0.1600	2.145	0.1259	0.0828	6	-0.28	1%	0
133.05	Proline, Pre-col AQC Der (%)	0610	2.210	0.0200	2.145	0.1259	0.0828	6	0.52	2%	0
133.05	Proline, Pre-col AQC Der (%)	0407	2.234	0.2560	2.145	0.1259	0.0828	6	0.71	2%	0
133.05	Proline, Pre-col AQC Der (%)	2188	2.252	0.0030	2.145	0.1259	0.0828	6	0.84	2%	0
133.99	Proline, Miscellaneous (%)	2115	2.082	0.0040				3			0
133.99	Proline, Miscellaneous (%)	0889	2.098	0.0150				3			0
133.99	Proline, Miscellaneous (%)	0227	2.160	0.0400				3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.355	0.0100	1.462	0.0751	0.0303	20	-1.43	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.362	0.0160	1.462	0.0751	0.0303	20	-1.33	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	1.376	0.0110	1.462	0.0751	0.0303	20	-1.15	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.389	0.0085	1.462	0.0751	0.0303	20	-0.97	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.399	0.0680	1.462	0.0751	0.0303	20	-0.84	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.430	0.0280	1.462	0.0751	0.0303	20	-0.43	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.430	0.0200	1.462	0.0751	0.0303	20	-0.43	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	1.442	0.0020	1.462	0.0751	0.0303	20	-0.27	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	1.445	0.0300	1.462	0.0751	0.0303	20	-0.23	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.447	0.0323	1.462	0.0751	0.0303	20	-0.20	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	1.461	0.0620	1.462	0.0751	0.0303	20	-0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	1.470	0.0800	1.462	0.0751	0.0303	20	0.10	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	1.475	0.0100	1.462	0.0751	0.0303	20	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	
134.00	Serine, Post-col Ninhydrin Der (%)	0868	1.523	0.0340	1.462	0.0751	0.0303	20	0.81	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	1.526	0.0000	1.462	0.0751	0.0303	20	0.85	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.530	0.0100	1.462	0.0751	0.0303	20	0.90	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.530	0.0400	1.462	0.0751	0.0303	20	0.90	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	1.535	0.0500	1.462	0.0751	0.0303	20	0.97	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.545	0.0841	1.462	0.0751	0.0303	20	1.10	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	1.695	0.0100	1.462	0.0751	0.0303	20	3.10	8%	0
134.02	Serine, Post-col OPA Der (%)	0098	1.320	0.0800				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	1.051	0.1120	1.353	0.0671	0.0650	6	-4.49	11%	0
134.05	Serine, Pre-col AQC Der (%)	0676	1.320	0.1000	1.353	0.0671	0.0650	6	-0.49	1%	0
134.05	Serine, Pre-col AQC Der (%)	0148	1.360	0.1000	1.353	0.0671	0.0650	6	0.11	0%	0
134.05	Serine, Pre-col AQC Der (%)	0610	1.380	0.0000	1.353	0.0671	0.0650	6	0.41	1%	0
134.05	Serine, Pre-col AQC Der (%)	0626	1.384	0.0780	1.353	0.0671	0.0650	6	0.47	1%	0
134.05	Serine, Pre-col AQC Der (%)	2188	1.420	0.0000	1.353	0.0671	0.0650	6	1.00	2%	0
134.99	Serine, Miscellaneous (%)	2115	1.465	0.0440				3			0
134.99	Serine, Miscellaneous (%)	0227	1.485	0.0100				3			0
134.99	Serine, Miscellaneous (%)	0889	1.578	0.0050				3			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	1.095	0.0300	1.159	0.0347	0.0174	20	-1.83	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	1.113	0.0010	1.159	0.0347	0.0174	20	-1.32	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	1.119	0.0147	1.159	0.0347	0.0174	20	-1.14	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	1.120	0.0000	1.159	0.0347	0.0174	20	-1.11	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	1.135	0.0100	1.159	0.0347	0.0174	20	-0.68	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	1.140	0.0550	1.159	0.0347	0.0174	20	-0.55	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	1.152	0.0000	1.159	0.0347	0.0174	20	-0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	1.153	0.0260	1.159	0.0347	0.0174	20	-0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.156	0.0130	1.159	0.0347	0.0174	20	-0.09	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	1.160	0.0050	1.159	0.0347	0.0174	20	0.03	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	1.163	0.0216	1.159	0.0347	0.0174	20	0.13	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	1.165	0.0100	1.159	0.0347	0.0174	20	0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.165	0.0100	1.159	0.0347	0.0174	20	0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	1.167	0.0020	1.159	0.0347	0.0174	20	0.24	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	1.170	0.0400	1.159	0.0347	0.0174	20	0.33	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	1.175	0.0100	1.159	0.0347	0.0174	20	0.47	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	1.187	0.0130	1.159	0.0347	0.0174	20	0.81	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	1.205	0.0500	1.159	0.0347	0.0174	20	1.34	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	1.220	0.0164	1.159	0.0347	0.0174	20	1.77	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	1.330	0.0200	1.159	0.0347	0.0174	20	4.94	7%	0
135.02	Threonine, Post-col OPA Der (%)	0098	1.160	0.0080				1			0
135.05	Threonine, Pre-col AQC Der (%)	0676	1.040	0.0800	1.105	0.0632	0.0362	6	-1.03	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0407	1.046	0.0220	1.105	0.0632	0.0362	6	-0.93	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	1.105	0.0700	1.105	0.0632	0.0362	6	0.00	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	1.108	0.0410	1.105	0.0632	0.0362	6	0.04	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			
135.05	Threonine, Pre-col AQC Der (%)	2188	1.152	0.0040	1.105	0.0632	0.0362	6	0.74	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	1.180	0.0000	1.105	0.0632	0.0362	6	1.18	3%	0
135.99	Threonine, Miscellaneous (%)	2115	1.185	0.0370				3			0
135.99	Threonine, Miscellaneous (%)	0227	1.195	0.0300				3			0
135.99	Threonine, Miscellaneous (%)	0889	1.213	0.0050				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.1980	0.0000	0.2938	0.0555	0.0112	7	-1.73	16%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.2750	0.0100	0.2938	0.0555	0.0112	7	-0.34	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.2800	0.0000	0.2938	0.0555	0.0112	7	-0.25	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.2800	0.0100	0.2938	0.0555	0.0112	7	-0.25	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.3125	0.0150	0.2938	0.0555	0.0112	7	0.34	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.3400	0.0200	0.2938	0.0555	0.0112	7	0.83	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.3588	0.0233	0.2938	0.0555	0.0112	7	1.17	11%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.3155	0.0010	0.3325	0.0185	0.0043	4			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.3220	0.0040	0.3325	0.0185	0.0043	4			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.3350	0.0060	0.3325	0.0185	0.0043	4			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2114	0.3575	0.0060	0.3325	0.0185	0.0043	4			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.3020	0.0140				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.3090	0.0000	0.3249	0.0202	0.0054	7	-0.79	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.3125	0.0010	0.3249	0.0202	0.0054	7	-0.62	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0148	0.3140	0.0040	0.3249	0.0202	0.0054	7	-0.54	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.3150	0.0100	0.3249	0.0202	0.0054	7	-0.49	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.3250	0.0020	0.3249	0.0202	0.0054	7	0.00	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.3439	0.0105	0.3249	0.0202	0.0054	7	0.94	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.4050	0.0100	0.3249	0.0202	0.0054	7	3.97	12%	0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2380	0.0060				1			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.5800	0.0000				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.8700	0.0400	1.116	0.0926	0.0246	13	-2.66	11%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.9938	0.0272	1.116	0.0926	0.0246	13	-1.32	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	1.043	0.0280	1.116	0.0926	0.0246	13	-0.79	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	1.091	0.0050	1.116	0.0926	0.0246	13	-0.28	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	1.095	0.0100	1.116	0.0926	0.0246	13	-0.23	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	1.106	0.0110	1.116	0.0926	0.0246	13	-0.12	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	1.111	0.0050	1.116	0.0926	0.0246	13	-0.06	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	1.127	0.0000	1.116	0.0926	0.0246	13	0.11	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	1.130	0.0200	1.116	0.0926	0.0246	13	0.15	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	1.170	0.0200	1.116	0.0926	0.0246	13	0.58	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	1.205	0.1300	1.116	0.0926	0.0246	13	0.96	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	1.210	0.0040	1.116	0.0926	0.0246	13	1.01	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	1.260	0.0200	1.116	0.0926	0.0246	13	1.55	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	1.158	0.1830	1.116	0.0926	0.0246	13	0.44	2%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	1.116	0.0070				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	1.011	0.1350	1.102	0.0831	0.0458	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			
137.05	Tyrosine, Pre-col AQC Der (%)	0148	1.075	0.0700	1.102	0.0831	0.0458	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	1.075	0.0100	1.102	0.0831	0.0458	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	1.112	0.0040	1.102	0.0831	0.0458	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	1.235	0.0100	1.102	0.0831	0.0458	5			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.7600	1.176	1.102	0.0831	0.0458	5			1
137.99	Tyrosine, Miscellaneous (%)	0889	0.5800	0.0000				3			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.9950	0.0500				3			0
137.99	Tyrosine, Miscellaneous (%)	2115	1.084	0.0140				3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	1.105	0.0300	1.408	0.0683	0.0254	19	-4.44	11%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.145	0.0100	1.408	0.0683	0.0254	19	-3.85	9%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	1.200	0.0600	1.408	0.0683	0.0254	19	-3.05	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.339	0.0900	1.408	0.0683	0.0254	19	-1.01	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	1.378	0.0554	1.408	0.0683	0.0254	19	-0.44	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.380	0.0130	1.408	0.0683	0.0254	19	-0.40	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	1.390	0.0600	1.408	0.0683	0.0254	19	-0.26	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.409	0.0111	1.408	0.0683	0.0254	19	0.01	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	1.409	0.0160	1.408	0.0683	0.0254	19	0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	1.421	0.0000	1.408	0.0683	0.0254	19	0.19	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.425	0.0100	1.408	0.0683	0.0254	19	0.25	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.435	0.0100	1.408	0.0683	0.0254	19	0.40	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	1.441	0.0050	1.408	0.0683	0.0254	19	0.48	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	1.445	0.0060	1.408	0.0683	0.0254	19	0.54	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	1.445	0.0100	1.408	0.0683	0.0254	19	0.54	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.458	0.0240	1.408	0.0683	0.0254	19	0.73	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	1.465	0.0460	1.408	0.0683	0.0254	19	0.84	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.484	0.0080	1.408	0.0683	0.0254	19	1.11	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.536	0.0180	1.408	0.0683	0.0254	19	1.88	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.245	0.1500	1.408	0.0683	0.0254	19	-2.39	6%	1
138.02	Valine, Post-col OPA Der (%)	0098	1.489	0.0220				1			0
138.05	Valine, Pre-col AQC Der (%)	2188	1.061	0.0020	1.384	0.2035	0.0370	5			0
138.05	Valine, Pre-col AQC Der (%)	0676	1.355	0.0500	1.384	0.2035	0.0370	5			0
138.05	Valine, Pre-col AQC Der (%)	0626	1.419	0.0630	1.384	0.2035	0.0370	5			0
138.05	Valine, Pre-col AQC Der (%)	0148	1.475	0.0700	1.384	0.2035	0.0370	5			0
138.05	Valine, Pre-col AQC Der (%)	0610	1.610	0.0000	1.384	0.2035	0.0370	5			0
138.05	Valine, Pre-col AQC Der (%)	0407	1.446	0.3850	1.384	0.2035	0.0370	5			1
138.99	Valine, Miscellaneous (%)	0889	1.043	0.0150				3			0
138.99	Valine, Miscellaneous (%)	2115	1.454	0.0210				3			0
138.99	Valine, Miscellaneous (%)	0227	1.510	0.0400				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.1220	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0644	0.1295	0.0010				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.2100	0.0000				3			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.1520	0.0040				1			0

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139.05	Taurine, Pre-col AQC Der (%)	0148	0.1400	0.0200				3			0
139.05	Taurine, Pre-col AQC Der (%)	0014	0.1420	0.0140				3			0
139.05	Taurine, Pre-col AQC Der (%)	0676	0.1520	0.0020				3			0
139.05	Taurine, Pre-col AQC Der (%)	0407	0.2250	0.0000				3			2
139.99	Taurine, Miscellaneous (%)	0939	0.1300	0.0000	0.1937	0.0804	0.0038	5			0
139.99	Taurine, Miscellaneous (%)	0160	0.1450	0.0100	0.1937	0.0804	0.0038	5			0
139.99	Taurine, Miscellaneous (%)	0227	0.1700	0.0000	0.1937	0.0804	0.0038	5			0
139.99	Taurine, Miscellaneous (%)	0889	0.1925	0.0050	0.1937	0.0804	0.0038	5			0
139.99	Taurine, Miscellaneous (%)	2115	0.3310	0.0040	0.1937	0.0804	0.0038	5			0
160.10	Fructose, HPAEC PAD (%)	0297	0.1225	0.0070				1			0
160.99	Fructose, Miscellaneous (%)	0096	0.1351	0.0163				3			0
160.99	Fructose, Miscellaneous (%)	0619	0.1480	0.0020				3			0
160.99	Fructose, Miscellaneous (%)	0227	0.3250	0.0100				3			0
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.1430	0.0000				1			0
162.99	Glucose, Miscellaneous (%)	0619	0.1660	0.0000				2			0
162.99	Glucose, Miscellaneous (%)	0227	0.2350	0.0100				2			0
162.99	Glucose, Miscellaneous (%)	0096	< 0.2					2			5
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
163.99	Lactose, Miscellaneous (%)	0096	< 0.4					0			5
164.10	Maltose, HPAEC PAD (%)	0297	0.2330	0.0040				1			0
164.99	Maltose, Miscellaneous (%)	0227	0.3000	0.0200				1			0
164.99	Maltose, Miscellaneous (%)	0096	< 0.4					1			5
165.10	Sucrose, HPAEC PAD (%)	0297	1.219	0.0280				1			0
165.99	Sucrose, Miscellaneous (%)	0096	1.223	0.0718				3			0
165.99	Sucrose, Miscellaneous (%)	0619	1.230	0.0200				3			0
165.99	Sucrose, Miscellaneous (%)	0227	1.235	0.0100				3			0
166.10	Raffinose, HPAEC PAD (%)	0297	0.2210	0.0260				1			0
166.99	Raffinose, Miscellaneous (%)	0619	0.2065	0.0030				2			0
166.99	Raffinose, Miscellaneous (%)	0227	0.2150	0.0100				2			0
167.10	Stachyose, HPAEC PAD (%)	0297	0.7325	0.0450				1			0
167.99	Stachyose, Miscellaneous (%)	0619	0.7975	0.0110				2			0
167.99	Stachyose, Miscellaneous (%)	0227	0.8150	0.0300				2			0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4490	0.0000	0.4684	0.0170	0.0071	10	-1.14	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.4532	0.0002	0.4684	0.0170	0.0071	10	-0.90	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.4550	0.0300	0.4684	0.0170	0.0071	10	-0.79	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4558	0.0001	0.4684	0.0170	0.0071	10	-0.75	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4695	0.0170	0.4684	0.0170	0.0071	10	0.06	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4710	0.0060	0.4684	0.0170	0.0071	10	0.15	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.4730	0.0060	0.4684	0.0170	0.0071	10	0.27	0%	0



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400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.4786	0.0090	0.4684	0.0170	0.0071	10	0.60	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.4854	0.0008	0.4684	0.0170	0.0071	10	1.00	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.6083	0.0017	0.4684	0.0170	0.0071	10	8.23	15%	0
400.99	Water Activity, Miscellaneous (Units)	0843	0.4565	0.0030				3			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.4795	0.0070				3			0
400.99	Water Activity, Miscellaneous (Units)	2083	0.4850	0.0100				3			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0407	1.234	0.0180				1			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	2124	< 0.89					1			5
516.43	Arsenic, Total, ICP, Microwave (ppm)	0682	< 10					1			5
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0910	0.0500	0.0000				1			0
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0186	< 0.05					1			5
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0553	0.0472	0.0027	0.0652	0.0228	0.0061	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0227	0.0555	0.0070	0.0652	0.0228	0.0061	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	2012	0.0595	0.0030	0.0652	0.0228	0.0061	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0918	0.0985	0.0116	0.0652	0.0228	0.0061	4			0
518.31	Cadmium, AAS, Dry ash (ppm)	0689	< 0.2					0			5
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.2104	0.3420				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0245	0.0010				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.0460	0.0000				2			0
518.43	Cadmium, ICP, Microwave (ppm)	2124	< 0.16					2			5
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					2			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.0350	0.0100				1			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	< 0.05					1			5
518.53	Cadmium, ICP-MS, Microwave (ppm)	2055	0.0310	0.0020	0.0341	0.0019	0.0023	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	2012	0.0340	0.0020	0.0341	0.0019	0.0023	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0918	0.0342	0.0022	0.0341	0.0019	0.0023	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0350	0.0040	0.0341	0.0019	0.0023	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.0361	0.0014	0.0341	0.0019	0.0023	5			0
520.42	Chromium, ICP, Open vessel (ppm)	0693	0.9230	0.3320				2			0
520.42	Chromium, ICP, Open vessel (ppm)	0045	1.089	0.2020				2			0
520.43	Chromium, ICP, Microwave (ppm)	0968	0.4425	0.0110				3			0
520.43	Chromium, ICP, Microwave (ppm)	0510	1.115	0.0700				3			0
520.43	Chromium, ICP, Microwave (ppm)	0682	1.300	0.0000				3			0
520.52	Chromium, ICP-MS, Open vessel (ppm)	0186	0.3044	0.0005				1			0
520.53	Chromium, ICP-MS, Microwave (ppm)	2055	0.5210	0.1020	0.7030	0.2155	0.0900	4			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0164	0.5725	0.0130	0.7030	0.2155	0.0900	4			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	0.7170	0.2180	0.7030	0.2155	0.0900	4			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0918	1.001	0.0268	0.7030	0.2155	0.0900	4			0
526.31	Lead, AAS, Dry ash (ppm)	0689	< 0.2					0			5
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1138	0.0064				1			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.2050	0.0040				1			0
526.43	Lead, ICP, Microwave (ppm)	0682	< 3					1			5

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526.52	Lead, ICP-MS, Open vessel (ppm)	0910	0.1850	0.0100				1		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0918	0.1749	0.0050				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.1775	0.0130				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.1830	0.0020				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	2012	0.2350	0.0160				3		2	
529.99	Mercury, Miscellaneous (ppb)	2012	1.686	0.3870				2		0	
529.99	Mercury, Miscellaneous (ppb)	0015	5,218	2,716				2		0	
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					2		5	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					2		5	
539.41	Nickel, ICP, Dry ash (ppm)	0407	0.6863	0.0498				1		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	1.900	0.0000				1		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.772	0.0077				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	1.950	0.2200				3		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0918	2.068	0.0142				3		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0015	2.460	0.3200				3		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.0000	0.0000				0		4	
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0619	0.0000	0.0000				0		4	
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.0000	0.0000				0		4	
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.0160	0.0000				1		0	
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	0619	0.0215	0.0010				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	0.0075	0.0010				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	2124	< 0.01					1		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
714.01	Myristic Acid (14:0) , Direct Methylation by Alkali Hydrolysi	0619	0.1165	0.0010				1		0	
714.02	Myristic Acid (14:0) , Direct Methylation by Acid-Alkali Hyd	0297	0.1465	0.0010				1		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	2124	0.1450	0.0100				3		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0226	0.1605	0.0010				3		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0164	0.1700	0.0000				3		0	
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi:	0619	2.155	0.0100				1		0	
716.02	Palmitic Acid (16:0), Direct Methylation by Acid-Alkali Hyd	0297	1.933	0.0100				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.3150	0.0080				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	2124	1.715	0.0100				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	2.215	0.0100				3		0	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.2400	0.0040				1		0	
718.02	Palmitoleic Acid (9c-16:1), Direct Methylation by Acid-Alka	0297	0.2685	0.0250				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	2124	0.2450	0.0100				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.3150	0.0080				2		0	
720.02	Margaric acid (17:0), Direct Methylation by Acid-Alkali Hyd	0297	0.0729	0.0001				1		0	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	1.190	0.0000				1		0	
722.02	Stearic Acid (18:0), Direct Methylation by Acid-Alkali Hydrc	0297	1.087	0.0010				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	2124	1.070	0.0200				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	1.165	0.0100				3		0	

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722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	1.234	0.0190				3		0	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0619	4.150	0.0200				1		0	
724.02	Oleic Acid (9c-18:1), Direct Methylation by Acid-Alkali Hyd	0297	2.806	0.0142				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	2124	2.555	0.0500				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	3.050	0.0600				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	3.538	0.0870				3		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	1.620	0.0000				1		0	
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alk	0297	1.376	0.0300				2		0	
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alk	0148	1.525	0.0700				2		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	2124	0.9750	0.0100				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	1.620	0.0400				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.680	0.0930				3		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.0695	0.0010				1		0	
728.02	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0297	0.0790	0.0031				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	2124	0.0500	0.0000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0226	0.0930	0.0080				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0164	0.0950	0.0100				3		0	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydroly:	0619	0.0275	0.0010				1		0	
730.02	Arachidic Acid (20:0), Direct Methylation by Acid-Alkali Hy	0297	0.0000	0.0000				0		4	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0180	0.0020				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr	0619	0.0320	0.0020				1		0	
732.02	Gondoic Acid (11c-20:1), Direct Methylation by Acid-Alkali	0297	0.0235	0.0146				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	0.0250	0.0100				2		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0340	0.0080				2		0	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	0619	0.0415	0.0010				1		0	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkal	0619	0.0000	0.0000				0		4	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Dir	0619	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	< 0.005					0		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	2124	< 0.01					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0105	0.0010				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydrol	0619	0.0000	0.0000				0		4	
744.02	Erucic Acid (13c-22:1), Direct Methylation by Acid-Alkali H	0297	0.0484	0.0007				1		0	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!	0619	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!	0226	0.0050	0.0000				1		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0105	0.0030				1		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0619	0.0000	0.0000				0		4	
750.02	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	2171	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	< 0.005					0		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	2124	< 0.01					0		5	

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			
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	0619	0.0000	0.0000				0		4	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0		5	
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct M	0148	0.0989	0.0023				1		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	2124	0.0650	0.0100				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0164	0.1100	0.0000				2		0	
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct M	0148	1.595	0.0700				1		0	
756.02	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct M	2171	1.659	0.0032				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	2124	1.040	0.0000				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0164	1.725	0.0300				2		0	
758.02	Total Saturated Fatty Acids, Direct Methylation by Acid-Alk	0297	3.281	0.0160				2		0	
758.02	Total Saturated Fatty Acids, Direct Methylation by Acid-Alk	2171	3.546	0.0150				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	3.720	0.0200				1		0	
762.02	Total Monounsaturated Fatty Acids, Direct Methylation by	2171	3.375	0.0385				2		0	
762.02	Total Monounsaturated Fatty Acids, Direct Methylation by	0297	3.541	0.0056				2		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w	0164	3.710	0.0600				1		0	
766.02	Total Polyunsaturated Fatty Acids, Direct Methylation by A	0297	1.487	0.0340				2		0	
766.02	Total Polyunsaturated Fatty Acids, Direct Methylation by A	2171	1.758	0.0054				2		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/v	0164	1.860	0.0200				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	10.16	0.1100				1		0	
772.02	Total Fatty Acids, Direct Methylation by Acid-Alkali Hydroly	0297	8.310	0.0200				2		0	
772.02	Total Fatty Acids, Direct Methylation by Acid-Alkali Hydroly	2171	8.679	0.0590				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	2124	6.850	0.0400				3		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	9.322	0.3030				3		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	9.705	0.1100				3		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.