



**AAFCO**  
Association of American Feed Control Officials



**Animal Feed Scheme**  
**Milk Replacer, Medicated**  
**Test Material Code # 202229**

**# Labs Reporting: 169**  
**# Methods Reported 380**  
**Issue Date : 10/31/2022**

**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	0.7500	0.1000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	3.345	0.0100	4.329	0.6690	0.0425	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	4.470	0.0400	4.329	0.6690	0.0425	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2073	4.745	0.0500	4.329	0.6690	0.0425	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	4.755	0.0700	4.329	0.6690	0.0425	4			0
001.03	Loss on Drying, Low temp. methods (%)	0619	3.130	0.0000				3			0
001.03	Loss on Drying, Low temp. methods (%)	0407	4.822	0.2472				3			0
001.03	Loss on Drying, Low temp. methods (%)	0843	4.965	0.3700				3			0
001.05	Loss on Drying, LECO (%)	0644	4.299	0.0840				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2322	3.910	0.1000	4.655	0.3528	0.1434	45	-2.11	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0723	4.110	0.2000	4.655	0.3528	0.1434	45	-1.55	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	4.120	0.1000	4.655	0.3528	0.1434	45	-1.52	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	4.129	0.0060	4.655	0.3528	0.1434	45	-1.49	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	4.175	0.1700	4.655	0.3528	0.1434	45	-1.36	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0010	4.250	0.1000	4.655	0.3528	0.1434	45	-1.15	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	4.250	0.1000	4.655	0.3528	0.1434	45	-1.15	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0027	4.262	0.2290	4.655	0.3528	0.1434	45	-1.12	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	4.325	0.0500	4.655	0.3528	0.1434	45	-0.94	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	4.350	0.2000	4.655	0.3528	0.1434	45	-0.87	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2345	4.455	0.5100	4.655	0.3528	0.1434	45	-0.57	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	4.475	0.1500	4.655	0.3528	0.1434	45	-0.51	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	4.475	0.3300	4.655	0.3528	0.1434	45	-0.51	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	4.525	0.0500	4.655	0.3528	0.1434	45	-0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	4.530	0.0800	4.655	0.3528	0.1434	45	-0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	4.535	0.0100	4.655	0.3528	0.1434	45	-0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	4.600	0.0000	4.655	0.3528	0.1434	45	-0.16	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	4.610	0.0800	4.655	0.3528	0.1434	45	-0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	4.625	0.0100	4.655	0.3528	0.1434	45	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	4.645	0.0500	4.655	0.3528	0.1434	45	-0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	4.650	0.1000	4.655	0.3528	0.1434	45	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	4.655	0.0100	4.655	0.3528	0.1434	45	0.00	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	4.660	0.2000	4.655	0.3528	0.1434	45	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	4.675	0.2100	4.655	0.3528	0.1434	45	0.06	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			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	4.703	0.0110	4.655	0.3528	0.1434	45	0.13	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	4.710	0.0000	4.655	0.3528	0.1434	45	0.15	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	4.715	0.0300	4.655	0.3528	0.1434	45	0.17	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0885	4.745	0.0436	4.655	0.3528	0.1434	45	0.25	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	4.760	0.2800	4.655	0.3528	0.1434	45	0.30	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	4.762	0.0007	4.655	0.3528	0.1434	45	0.30	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	4.785	0.5300	4.655	0.3528	0.1434	45	0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	4.800	0.0000	4.655	0.3528	0.1434	45	0.41	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	4.835	0.0100	4.655	0.3528	0.1434	45	0.51	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	4.855	0.0500	4.655	0.3528	0.1434	45	0.57	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	4.860	0.0800	4.655	0.3528	0.1434	45	0.58	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	4.905	0.0100	4.655	0.3528	0.1434	45	0.71	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	4.918	0.0427	4.655	0.3528	0.1434	45	0.74	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	4.965	0.3700	4.655	0.3528	0.1434	45	0.88	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	5.005	0.8300	4.655	0.3528	0.1434	45	0.99	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	5.010	0.0600	4.655	0.3528	0.1434	45	1.01	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	5.228	0.5670	4.655	0.3528	0.1434	45	1.62	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	5.430	0.1340	4.655	0.3528	0.1434	45	2.20	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	5.590	0.1000	4.655	0.3528	0.1434	45	2.65	10%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	5.670	0.2400	4.655	0.3528	0.1434	45	2.88	11%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	6.600	0.0200	4.655	0.3528	0.1434	45	5.51	21%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	4.490	1.020	4.655	0.3528	0.1434	45	-0.47	2%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	95.61	0.2500	4.655	0.3528	0.1434	45	257.77	977%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0921	4.779	0.1390				1			0
001.99	Loss on Drying, Miscellaneous (%)	0618	3.005	0.0900	4.706	0.6024	0.1086	15	-2.82	18%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	3.210	0.0600	4.706	0.6024	0.1086	15	-2.48	16%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	4.305	0.0100	4.706	0.6024	0.1086	15	-0.67	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	4.350	0.3000	4.706	0.6024	0.1086	15	-0.59	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	4.380	0.1400	4.706	0.6024	0.1086	15	-0.54	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	4.510	0.0400	4.706	0.6024	0.1086	15	-0.33	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	4.600	0.0000	4.706	0.6024	0.1086	15	-0.18	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	4.695	0.0700	4.706	0.6024	0.1086	15	-0.02	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	4.845	0.2100	4.706	0.6024	0.1086	15	0.23	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0164	4.950	0.1000	4.706	0.6024	0.1086	15	0.40	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	4.993	0.1630	4.706	0.6024	0.1086	15	0.48	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	5.182	0.0766	4.706	0.6024	0.1086	15	0.79	5%	0
001.99	Loss on Drying, Miscellaneous (%)	2325	5.270	0.0800	4.706	0.6024	0.1086	15	0.94	6%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	5.300	0.2000	4.706	0.6024	0.1086	15	0.99	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	9.625	0.0900	4.706	0.6024	0.1086	15	8.16	52%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	4.160	0.6600	4.706	0.6024	0.1086	15	-0.91	6%	1
002.00	Protein, Crude, Crude (%)	0169	17.75	1.000				2			0
002.00	Protein, Crude, Crude (%)	2345	20.13	0.7300				2			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.01	Protein, Crude, Auto Kjel-Foss (%)	0674	18.76	0.0000	19.39	0.4329	0.2517	15	-1.45	2%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	18.83	0.0000	19.39	0.4329	0.2517	15	-1.28	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	18.92	0.6540	19.39	0.4329	0.2517	15	-1.08	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2193	19.24	0.0600	19.39	0.4329	0.2517	15	-0.34	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0610	19.25	0.1000	19.39	0.4329	0.2517	15	-0.31	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	19.29	0.0000	19.39	0.4329	0.2517	15	-0.22	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	19.30	0.3900	19.39	0.4329	0.2517	15	-0.21	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0723	19.33	0.3700	19.39	0.4329	0.2517	15	-0.14	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2259	19.36	0.3120	19.39	0.4329	0.2517	15	-0.07	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	19.38	1.040	19.39	0.4329	0.2517	15	-0.01	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2325	19.66	0.0400	19.39	0.4329	0.2517	15	0.63	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0164	19.75	0.0700	19.39	0.4329	0.2517	15	0.83	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0656	19.80	0.0000	19.39	0.4329	0.2517	15	0.96	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0848	19.96	0.5400	19.39	0.4329	0.2517	15	1.33	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0685	19.98	0.2000	19.39	0.4329	0.2517	15	1.37	2%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	19.42	0.3500				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	19.62	0.2300				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	18.69	0.0100	19.47	0.5215	0.0992	23	-1.51	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	18.70	0.0187	19.47	0.5215	0.0992	23	-1.48	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	18.82	0.0000	19.47	0.5215	0.0992	23	-1.25	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0407	18.90	0.0481	19.47	0.5215	0.0992	23	-1.10	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	19.10	0.4000	19.47	0.5215	0.0992	23	-0.71	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	19.19	0.0000	19.47	0.5215	0.0992	23	-0.54	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	19.30	0.2100	19.47	0.5215	0.0992	23	-0.34	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	19.33	0.0030	19.47	0.5215	0.0992	23	-0.27	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0921	19.38	0.0260	19.47	0.5215	0.0992	23	-0.18	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	19.38	0.3000	19.47	0.5215	0.0992	23	-0.17	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	19.44	0.2500	19.47	0.5215	0.0992	23	-0.07	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	19.44	0.0520	19.47	0.5215	0.0992	23	-0.06	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	19.47	0.0045	19.47	0.5215	0.0992	23	0.00	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2340	19.49	0.0250	19.47	0.5215	0.0992	23	0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	19.58	0.0320	19.47	0.5215	0.0992	23	0.22	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	19.61	0.1500	19.47	0.5215	0.0992	23	0.26	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	19.64	0.0575	19.47	0.5215	0.0992	23	0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	19.71	0.0400	19.47	0.5215	0.0992	23	0.46	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	19.90	0.1353	19.47	0.5215	0.0992	23	0.83	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	20.13	0.1700	19.47	0.5215	0.0992	23	1.25	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	20.20	0.0000	19.47	0.5215	0.0992	23	1.40	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	20.20	0.0000	19.47	0.5215	0.0992	23	1.40	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	20.86	0.3500	19.47	0.5215	0.0992	23	2.65	4%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	18.46	0.7878	19.47	0.5215	0.0992	23	-1.93	3%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	18.50	0.0900	19.86	0.3903	0.2816	111	-3.49	3%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	18.60	0.0000	19.86	0.3903	0.2816	111	-3.22	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	19.00	0.3750	19.86	0.3903	0.2816	111	-2.20	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	19.11	0.0600	19.86	0.3903	0.2816	111	-1.91	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	19.12	0.5800	19.86	0.3903	0.2816	111	-1.89	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	19.20	0.2000	19.86	0.3903	0.2816	111	-1.68	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	19.27	0.0200	19.86	0.3903	0.2816	111	-1.50	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0006	19.31	0.0700	19.86	0.3903	0.2816	111	-1.41	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	19.34	0.2100	19.86	0.3903	0.2816	111	-1.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	19.35	0.1000	19.86	0.3903	0.2816	111	-1.30	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	19.36	0.0900	19.86	0.3903	0.2816	111	-1.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	19.38	0.0000	19.86	0.3903	0.2816	111	-1.23	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	19.40	0.6000	19.86	0.3903	0.2816	111	-1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2388	19.40	0.6000	19.86	0.3903	0.2816	111	-1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	19.41	0.0200	19.86	0.3903	0.2816	111	-1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	19.44	0.3300	19.86	0.3903	0.2816	111	-1.08	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	19.45	0.1000	19.86	0.3903	0.2816	111	-1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	19.49	0.7300	19.86	0.3903	0.2816	111	-0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	19.49	0.2400	19.86	0.3903	0.2816	111	-0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	19.50	0.3940	19.86	0.3903	0.2816	111	-0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	19.50	0.2000	19.86	0.3903	0.2816	111	-0.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	19.52	0.0600	19.86	0.3903	0.2816	111	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	19.56	0.2100	19.86	0.3903	0.2816	111	-0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	19.57	0.6800	19.86	0.3903	0.2816	111	-0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	19.57	0.1400	19.86	0.3903	0.2816	111	-0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	19.58	0.0900	19.86	0.3903	0.2816	111	-0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	19.59	0.1300	19.86	0.3903	0.2816	111	-0.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	19.59	0.1000	19.86	0.3903	0.2816	111	-0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	19.59	0.0020	19.86	0.3903	0.2816	111	-0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	19.60	0.7500	19.86	0.3903	0.2816	111	-0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	19.60	0.2000	19.86	0.3903	0.2816	111	-0.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	19.60	0.4800	19.86	0.3903	0.2816	111	-0.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	19.62	0.0700	19.86	0.3903	0.2816	111	-0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	19.65	0.7000	19.86	0.3903	0.2816	111	-0.53	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0038	19.66	0.7600	19.86	0.3903	0.2816	111	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	19.67	0.2100	19.86	0.3903	0.2816	111	-0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	19.68	0.0420	19.86	0.3903	0.2816	111	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	19.69	0.2600	19.86	0.3903	0.2816	111	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	19.69	0.0130	19.86	0.3903	0.2816	111	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	19.70	0.3200	19.86	0.3903	0.2816	111	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	19.70	0.0000	19.86	0.3903	0.2816	111	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	19.72	0.6910	19.86	0.3903	0.2816	111	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	19.73	0.4400	19.86	0.3903	0.2816	111	-0.33	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 (%)	2089	19.74	0.8400	19.86	0.3903	0.2816	111	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	19.75	0.3000	19.86	0.3903	0.2816	111	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0723	19.75	0.0200	19.86	0.3903	0.2816	111	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	19.75	0.3000	19.86	0.3903	0.2816	111	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2389	19.75	0.1000	19.86	0.3903	0.2816	111	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	19.76	0.1410	19.86	0.3903	0.2816	111	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	19.80	0.1400	19.86	0.3903	0.2816	111	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	19.82	0.0500	19.86	0.3903	0.2816	111	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	19.82	0.5700	19.86	0.3903	0.2816	111	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	19.85	0.1000	19.86	0.3903	0.2816	111	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	19.85	0.2930	19.86	0.3903	0.2816	111	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	19.86	0.0700	19.86	0.3903	0.2816	111	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	19.87	0.1300	19.86	0.3903	0.2816	111	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	19.88	0.1900	19.86	0.3903	0.2816	111	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0512	19.88	0.0400	19.86	0.3903	0.2816	111	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	19.89	0.3000	19.86	0.3903	0.2816	111	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	19.90	0.8000	19.86	0.3903	0.2816	111	0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	19.90	0.0400	19.86	0.3903	0.2816	111	0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	19.90	0.6000	19.86	0.3903	0.2816	111	0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	19.91	0.0200	19.86	0.3903	0.2816	111	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	19.92	0.1300	19.86	0.3903	0.2816	111	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	19.95	0.3000	19.86	0.3903	0.2816	111	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2363	19.95	0.3000	19.86	0.3903	0.2816	111	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	19.96	0.0625	19.86	0.3903	0.2816	111	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	19.96	0.3200	19.86	0.3903	0.2816	111	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	19.99	0.2400	19.86	0.3903	0.2816	111	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	19.99	0.2000	19.86	0.3903	0.2816	111	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0160	20.00	0.4000	19.86	0.3903	0.2816	111	0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	20.00	0.2400	19.86	0.3903	0.2816	111	0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2375	20.00	0.0400	19.86	0.3903	0.2816	111	0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	20.04	0.0900	19.86	0.3903	0.2816	111	0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0062	20.04	0.1900	19.86	0.3903	0.2816	111	0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0656	20.05	0.0000	19.86	0.3903	0.2816	111	0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	20.09	0.5400	19.86	0.3903	0.2816	111	0.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	20.10	0.1400	19.86	0.3903	0.2816	111	0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	20.10	0.0000	19.86	0.3903	0.2816	111	0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2359	20.10	0.2000	19.86	0.3903	0.2816	111	0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	20.12	0.5900	19.86	0.3903	0.2816	111	0.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	1019	20.13	0.7900	19.86	0.3903	0.2816	111	0.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	20.13	0.0560	19.86	0.3903	0.2816	111	0.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	20.15	0.3000	19.86	0.3903	0.2816	111	0.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2349	20.15	0.5000	19.86	0.3903	0.2816	111	0.75	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 (%)	0407	20.15	0.8080	19.86	0.3903	0.2816	111	0.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	20.16	0.1500	19.86	0.3903	0.2816	111	0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	20.16	0.0000	19.86	0.3903	0.2816	111	0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	20.16	0.2000	19.86	0.3903	0.2816	111	0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	20.19	0.2300	19.86	0.3903	0.2816	111	0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	20.19	0.5875	19.86	0.3903	0.2816	111	0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	20.21	0.5800	19.86	0.3903	0.2816	111	0.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0546	20.24	0.1880	19.86	0.3903	0.2816	111	0.98	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	20.27	0.5200	19.86	0.3903	0.2816	111	1.06	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	20.29	0.1300	19.86	0.3903	0.2816	111	1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	20.29	0.0000	19.86	0.3903	0.2816	111	1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	20.29	0.1400	19.86	0.3903	0.2816	111	1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	20.29	0.9190	19.86	0.3903	0.2816	111	1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	20.30	0.1700	19.86	0.3903	0.2816	111	1.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	20.30	0.2000	19.86	0.3903	0.2816	111	1.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	20.30	0.7110	19.86	0.3903	0.2816	111	1.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	20.35	0.5000	19.86	0.3903	0.2816	111	1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	20.44	0.2420	19.86	0.3903	0.2816	111	1.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2319	20.45	0.1000	19.86	0.3903	0.2816	111	1.52	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	20.52	0.3500	19.86	0.3903	0.2816	111	1.69	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	20.53	0.0600	19.86	0.3903	0.2816	111	1.72	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	20.55	0.5000	19.86	0.3903	0.2816	111	1.78	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	20.62	0.6640	19.86	0.3903	0.2816	111	1.94	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0011	20.62	0.3600	19.86	0.3903	0.2816	111	1.95	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	20.98	0.0300	19.86	0.3903	0.2816	111	2.86	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	21.05	0.8840	19.86	0.3903	0.2816	111	3.06	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	19.85	1.310	19.86	0.3903	0.2816	111	-0.03	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	19.98	1.380	19.86	0.3903	0.2816	111	0.32	0%	1
002.08	Protein, Crude, Cu/Ti (%)	0563	19.57	0.1911				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	20.03	0.4100				2			0
002.11	Protein, Crude, NIR (%)	0297	18.96	0.3700				3			0
002.11	Protein, Crude, NIR (%)	2105	19.60	0.4500				3			0
002.11	Protein, Crude, NIR (%)	0848	19.62	0.0700				3			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	5.805	0.0100	10.86	4.683	0.3062	7	-1.08	23%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	7.975	0.5900	10.86	4.683	0.3062	7	-0.62	13%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	8.195	0.1700	10.86	4.683	0.3062	7	-0.57	12%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	10.01	0.0700	10.86	4.683	0.3062	7	-0.18	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2359	11.95	0.9000	10.86	4.683	0.3062	7	0.23	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	14.32	0.1036	10.86	4.683	0.3062	7	0.74	16%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0032	17.75	0.3000	10.86	4.683	0.3062	7	1.47	32%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	16.35	0.3000				1			0
003.06	Fat, Crude, Pet Ether (%)	0425	6.760	0.0600	7.969	1.104	0.1952	11	-1.10	8%	0

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003.06	Fat, Crude, Pet Ether (%)	0644	7.237	0.1740	7.969	1.104	0.1952	11	-0.66	5%	0
003.06	Fat, Crude, Pet Ether (%)	0297	7.270	0.2000	7.969	1.104	0.1952	11	-0.63	4%	0
003.06	Fat, Crude, Pet Ether (%)	2181	7.295	0.3700	7.969	1.104	0.1952	11	-0.61	4%	0
003.06	Fat, Crude, Pet Ether (%)	0884	7.350	0.3000	7.969	1.104	0.1952	11	-0.56	4%	0
003.06	Fat, Crude, Pet Ether (%)	0939	7.530	0.3800	7.969	1.104	0.1952	11	-0.40	3%	0
003.06	Fat, Crude, Pet Ether (%)	0689	8.100	0.0000	7.969	1.104	0.1952	11	0.12	1%	0
003.06	Fat, Crude, Pet Ether (%)	0294	8.335	0.0700	7.969	1.104	0.1952	11	0.33	2%	0
003.06	Fat, Crude, Pet Ether (%)	2340	8.537	0.0230	7.969	1.104	0.1952	11	0.51	4%	0
003.06	Fat, Crude, Pet Ether (%)	0169	18.52	0.0700	7.969	1.104	0.1952	11	9.55	66%	0
003.06	Fat, Crude, Pet Ether (%)	0687	20.75	0.5000	7.969	1.104	0.1952	11	11.58	80%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0123	7.030	0.0400	12.26	5.170	0.0686	5			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2188	7.510	0.0000	12.26	5.170	0.0686	5			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	12.19	0.1200	12.26	5.170	0.0686	5			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	15.45	0.1730	12.26	5.170	0.0686	5			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0723	19.11	0.0100	12.26	5.170	0.0686	5			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	19.63	1.250	12.26	5.170	0.0686	5			1
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	3.400	0.1540	8.098	3.796	0.4270	23	-1.24	29%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	4.750	0.1000	8.098	3.796	0.4270	23	-0.88	21%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	5.270	0.0000	8.098	3.796	0.4270	23	-0.74	17%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	5.458	0.0280	8.098	3.796	0.4270	23	-0.70	16%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	5.505	0.0900	8.098	3.796	0.4270	23	-0.68	16%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	5.715	1.790	8.098	3.796	0.4270	23	-0.63	15%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	5.905	0.2300	8.098	3.796	0.4270	23	-0.58	14%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	5.920	0.2800	8.098	3.796	0.4270	23	-0.57	13%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	6.023	0.0232	8.098	3.796	0.4270	23	-0.55	13%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	6.658	0.1140	8.098	3.796	0.4270	23	-0.38	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	6.900	0.2200	8.098	3.796	0.4270	23	-0.32	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	6.930	0.4200	8.098	3.796	0.4270	23	-0.31	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	7.105	1.270	8.098	3.796	0.4270	23	-0.26	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	7.528	0.0038	8.098	3.796	0.4270	23	-0.15	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	7.595	0.0700	8.098	3.796	0.4270	23	-0.13	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	7.950	0.1000	8.098	3.796	0.4270	23	-0.04	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	8.914	0.1320	8.098	3.796	0.4270	23	0.22	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	9.765	1.330	8.098	3.796	0.4270	23	0.44	10%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	15.15	0.4200	8.098	3.796	0.4270	23	1.86	44%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	17.08	0.2160	8.098	3.796	0.4270	23	2.37	55%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	17.29	1.580	8.098	3.796	0.4270	23	2.42	57%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0848	19.73	0.0300	8.098	3.796	0.4270	23	3.06	72%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	22.90	1.220	8.098	3.796	0.4270	23	3.90	91%	0
003.11	Fat, Crude, NIR (%)	0848	10.31	0.1600				3			0
003.11	Fat, Crude, NIR (%)	0297	19.00	0.1300				3			0
003.11	Fat, Crude, NIR (%)	2105	22.76	0.3700				3			0

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003.12	Fat, Crude, Hexane Ext (%)	0171	10.69	0.3500				1			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	7.745	0.1300	10.67	3.186	0.1388	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	9.050	0.2187	10.67	3.186	0.1388	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	10.83	0.0700	10.67	3.186	0.1388	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	15.06	0.1364	10.67	3.186	0.1388	4			0
003.14	Fat, Crude, Ankom (%)	0407	10.59	0.2030	13.63	1.267	0.3857	39	-2.40	11%	0
003.14	Fat, Crude, Ankom (%)	2359	11.05	1.300	13.63	1.267	0.3857	39	-2.04	9%	0
003.14	Fat, Crude, Ankom (%)	2129	11.69	0.5080	13.63	1.267	0.3857	39	-1.53	7%	0
003.14	Fat, Crude, Ankom (%)	2076	12.13	0.1871	13.63	1.267	0.3857	39	-1.18	5%	0
003.14	Fat, Crude, Ankom (%)	0651	12.34	0.3617	13.63	1.267	0.3857	39	-1.02	5%	0
003.14	Fat, Crude, Ankom (%)	0019	12.39	0.3800	13.63	1.267	0.3857	39	-0.98	5%	0
003.14	Fat, Crude, Ankom (%)	0358	12.39	1.240	13.63	1.267	0.3857	39	-0.98	5%	0
003.14	Fat, Crude, Ankom (%)	0202	12.40	0.4000	13.63	1.267	0.3857	39	-0.97	5%	0
003.14	Fat, Crude, Ankom (%)	0520	12.63	0.0100	13.63	1.267	0.3857	39	-0.79	4%	0
003.14	Fat, Crude, Ankom (%)	0229	12.65	1.120	13.63	1.267	0.3857	39	-0.77	4%	0
003.14	Fat, Crude, Ankom (%)	0563	12.73	0.0057	13.63	1.267	0.3857	39	-0.71	3%	0
003.14	Fat, Crude, Ankom (%)	0144	12.76	0.5200	13.63	1.267	0.3857	39	-0.69	3%	0
003.14	Fat, Crude, Ankom (%)	0186	12.77	0.1300	13.63	1.267	0.3857	39	-0.68	3%	0
003.14	Fat, Crude, Ankom (%)	0675	13.21	0.0300	13.63	1.267	0.3857	39	-0.34	2%	0
003.14	Fat, Crude, Ankom (%)	2146	13.37	0.4000	13.63	1.267	0.3857	39	-0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0226	13.46	0.0400	13.63	1.267	0.3857	39	-0.14	1%	0
003.14	Fat, Crude, Ankom (%)	0108	13.57	0.4500	13.63	1.267	0.3857	39	-0.05	0%	0
003.14	Fat, Crude, Ankom (%)	0003	13.60	0.6100	13.63	1.267	0.3857	39	-0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0581	13.63	1.280	13.63	1.267	0.3857	39	0.00	0%	0
003.14	Fat, Crude, Ankom (%)	0848	13.67	0.1000	13.63	1.267	0.3857	39	0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0034	13.69	0.3000	13.63	1.267	0.3857	39	0.05	0%	0
003.14	Fat, Crude, Ankom (%)	0278	13.90	0.6000	13.63	1.267	0.3857	39	0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0956	13.90	1.200	13.63	1.267	0.3857	39	0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0876	13.95	0.5000	13.63	1.267	0.3857	39	0.25	1%	0
003.14	Fat, Crude, Ankom (%)	0598	13.96	0.0100	13.63	1.267	0.3857	39	0.26	1%	0
003.14	Fat, Crude, Ankom (%)	0968	14.01	0.0100	13.63	1.267	0.3857	39	0.30	1%	0
003.14	Fat, Crude, Ankom (%)	0001	14.28	0.3550	13.63	1.267	0.3857	39	0.51	2%	0
003.14	Fat, Crude, Ankom (%)	0529	14.35	0.1500	13.63	1.267	0.3857	39	0.56	3%	0
003.14	Fat, Crude, Ankom (%)	0853	14.35	0.1000	13.63	1.267	0.3857	39	0.57	3%	0
003.14	Fat, Crude, Ankom (%)	0049	14.50	0.1300	13.63	1.267	0.3857	39	0.68	3%	0
003.14	Fat, Crude, Ankom (%)	0265	14.50	0.2000	13.63	1.267	0.3857	39	0.69	3%	0
003.14	Fat, Crude, Ankom (%)	0037	14.68	0.0500	13.63	1.267	0.3857	39	0.82	4%	0
003.14	Fat, Crude, Ankom (%)	0009	14.83	0.0500	13.63	1.267	0.3857	39	0.94	4%	0
003.14	Fat, Crude, Ankom (%)	0357	14.84	0.0200	13.63	1.267	0.3857	39	0.95	4%	0
003.14	Fat, Crude, Ankom (%)	0083	14.91	0.1300	13.63	1.267	0.3857	39	1.01	5%	0
003.14	Fat, Crude, Ankom (%)	0148	16.65	1.900	13.63	1.267	0.3857	39	2.38	11%	0
003.14	Fat, Crude, Ankom (%)	0726	17.07	0.0300	13.63	1.267	0.3857	39	2.71	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			
003.14	Fat, Crude, Ankom (%)	0574	17.10	0.0300	13.63	1.267	0.3857	39	2.73	13%	0
003.14	Fat, Crude, Ankom (%)	0190	17.48	0.0000	13.63	1.267	0.3857	39	3.04	14%	0
003.14	Fat, Crude, Ankom (%)	2363	13.45	2.300	13.63	1.267	0.3857	39	-0.14	1%	1
003.99	Fat, Crude, Miscellaneous (%)	0536	15.35	0.2600				3			0
003.99	Fat, Crude, Miscellaneous (%)	0546	20.07	0.0200				3			0
003.99	Fat, Crude, Miscellaneous (%)	1019	23.71	0.0200				3			0
004.00	Fiber, Crude, Asbestos Free (%)	0169	0.1400	0.0800	0.2696	0.0893	0.0572	5			0
004.00	Fiber, Crude, Asbestos Free (%)	0884	0.2500	0.1000	0.2696	0.0893	0.0572	5			0
004.00	Fiber, Crude, Asbestos Free (%)	2359	0.2500	0.1000	0.2696	0.0893	0.0572	5			0
004.00	Fiber, Crude, Asbestos Free (%)	2076	0.3480	0.0060	0.2696	0.0893	0.0572	5			0
004.00	Fiber, Crude, Asbestos Free (%)	0171	0.3600	0.0000	0.2696	0.0893	0.0572	5			0
004.00	Fiber, Crude, Asbestos Free (%)	0425	0.0500	0.1000	0.2696	0.0893	0.0572	5			4
004.00	Fiber, Crude, Asbestos Free (%)	0164	< 0.2		0.2696	0.0893	0.0572	5			5
004.03	Fiber, Crude, Fritted Glass (%)	0353	0.8000	0.2000				2			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	1.025	0.4100				2			0
004.06	Fiber, Crude, Fibertec (%)	2006	0.1000	0.0000	0.4539	0.2683	0.0188	8	-1.32	39%	0
004.06	Fiber, Crude, Fibertec (%)	2325	0.2800	0.0200	0.4539	0.2683	0.0188	8	-0.65	19%	0
004.06	Fiber, Crude, Fibertec (%)	0610	0.3150	0.0100	0.4539	0.2683	0.0188	8	-0.52	15%	0
004.06	Fiber, Crude, Fibertec (%)	0674	0.3800	0.0000	0.4539	0.2683	0.0188	8	-0.28	8%	0
004.06	Fiber, Crude, Fibertec (%)	0948	0.4800	0.0200	0.4539	0.2683	0.0188	8	0.10	3%	0
004.06	Fiber, Crude, Fibertec (%)	0689	0.6000	0.0000	0.4539	0.2683	0.0188	8	0.54	16%	0
004.06	Fiber, Crude, Fibertec (%)	2188	0.6200	0.0000	0.4539	0.2683	0.0188	8	0.62	18%	0
004.06	Fiber, Crude, Fibertec (%)	0685	1.240	0.1000	0.4539	0.2683	0.0188	8	2.93	87%	0
004.06	Fiber, Crude, Fibertec (%)	0968	0.7800	0.2000	0.4539	0.2683	0.0188	8	1.22	36%	1
004.06	Fiber, Crude, Fibertec (%)	0918	< 0.1		0.4539	0.2683	0.0188	8			5
004.06	Fiber, Crude, Fibertec (%)	2319	< 0.1		0.4539	0.2683	0.0188	8			5
004.06	Fiber, Crude, Fibertec (%)	0038	< 1.75		0.4539	0.2683	0.0188	8			5
004.07	Fiber, Crude, ANKOM (%)	0144	0.0700	0.0200	0.5201	0.3471	0.0953	47	-1.30	43%	0
004.07	Fiber, Crude, ANKOM (%)	2181	0.1100	0.0400	0.5201	0.3471	0.0953	47	-1.18	39%	0
004.07	Fiber, Crude, ANKOM (%)	2345	0.1150	0.0100	0.5201	0.3471	0.0953	47	-1.17	39%	0
004.07	Fiber, Crude, ANKOM (%)	0504	0.1550	0.0300	0.5201	0.3471	0.0953	47	-1.05	35%	0
004.07	Fiber, Crude, ANKOM (%)	2190	0.1600	0.1200	0.5201	0.3471	0.0953	47	-1.04	35%	0
004.07	Fiber, Crude, ANKOM (%)	0656	0.1800	0.0000	0.5201	0.3471	0.0953	47	-0.98	33%	0
004.07	Fiber, Crude, ANKOM (%)	0726	0.1800	0.0000	0.5201	0.3471	0.0953	47	-0.98	33%	0
004.07	Fiber, Crude, ANKOM (%)	0644	0.1830	0.0060	0.5201	0.3471	0.0953	47	-0.97	32%	0
004.07	Fiber, Crude, ANKOM (%)	0511	0.2000	0.2000	0.5201	0.3471	0.0953	47	-0.92	31%	0
004.07	Fiber, Crude, ANKOM (%)	2337	0.2050	0.0100	0.5201	0.3471	0.0953	47	-0.91	30%	0
004.07	Fiber, Crude, ANKOM (%)	0723	0.2250	0.0300	0.5201	0.3471	0.0953	47	-0.85	28%	0
004.07	Fiber, Crude, ANKOM (%)	0011	0.3000	0.0000	0.5201	0.3471	0.0953	47	-0.63	21%	0
004.07	Fiber, Crude, ANKOM (%)	0870	0.3020	0.0170	0.5201	0.3471	0.0953	47	-0.63	21%	0
004.07	Fiber, Crude, ANKOM (%)	0100	0.3050	0.0700	0.5201	0.3471	0.0953	47	-0.62	21%	0
004.07	Fiber, Crude, ANKOM (%)	2363	0.3100	0.2600	0.5201	0.3471	0.0953	47	-0.61	20%	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			
004.07	Fiber, Crude, ANKOM (%)	2259	0.3205	0.0450	0.5201	0.3471	0.0953	47	-0.57	19%	0
004.07	Fiber, Crude, ANKOM (%)	0226	0.3250	0.1700	0.5201	0.3471	0.0953	47	-0.56	19%	0
004.07	Fiber, Crude, ANKOM (%)	0083	0.3300	0.0000	0.5201	0.3471	0.0953	47	-0.55	18%	0
004.07	Fiber, Crude, ANKOM (%)	0123	0.3850	0.0100	0.5201	0.3471	0.0953	47	-0.39	13%	0
004.07	Fiber, Crude, ANKOM (%)	0598	0.4050	0.0100	0.5201	0.3471	0.0953	47	-0.33	11%	0
004.07	Fiber, Crude, ANKOM (%)	0004	0.4150	0.1100	0.5201	0.3471	0.0953	47	-0.30	10%	0
004.07	Fiber, Crude, ANKOM (%)	0045	0.4500	0.3000	0.5201	0.3471	0.0953	47	-0.20	7%	0
004.07	Fiber, Crude, ANKOM (%)	0948	0.4800	0.0800	0.5201	0.3471	0.0953	47	-0.12	4%	0
004.07	Fiber, Crude, ANKOM (%)	0589	0.4950	0.3300	0.5201	0.3471	0.0953	47	-0.07	2%	0
004.07	Fiber, Crude, ANKOM (%)	0263	0.4960	0.0080	0.5201	0.3471	0.0953	47	-0.07	2%	0
004.07	Fiber, Crude, ANKOM (%)	0581	0.5000	0.1200	0.5201	0.3471	0.0953	47	-0.06	2%	0
004.07	Fiber, Crude, ANKOM (%)	0003	0.5050	0.3700	0.5201	0.3471	0.0953	47	-0.04	1%	0
004.07	Fiber, Crude, ANKOM (%)	0229	0.5050	0.0900	0.5201	0.3471	0.0953	47	-0.04	1%	0
004.07	Fiber, Crude, ANKOM (%)	2196	0.5900	0.0000	0.5201	0.3471	0.0953	47	0.20	7%	0
004.07	Fiber, Crude, ANKOM (%)	0019	0.5900	0.0600	0.5201	0.3471	0.0953	47	0.20	7%	0
004.07	Fiber, Crude, ANKOM (%)	0265	0.6150	0.2300	0.5201	0.3471	0.0953	47	0.27	9%	0
004.07	Fiber, Crude, ANKOM (%)	0407	0.6225	0.0325	0.5201	0.3471	0.0953	47	0.30	10%	0
004.07	Fiber, Crude, ANKOM (%)	0096	0.6500	0.1000	0.5201	0.3471	0.0953	47	0.37	12%	0
004.07	Fiber, Crude, ANKOM (%)	2188	0.6500	0.0000	0.5201	0.3471	0.0953	47	0.37	12%	0
004.07	Fiber, Crude, ANKOM (%)	2109	0.6600	0.0600	0.5201	0.3471	0.0953	47	0.40	13%	0
004.07	Fiber, Crude, ANKOM (%)	0968	0.6900	0.4800	0.5201	0.3471	0.0953	47	0.49	16%	0
004.07	Fiber, Crude, ANKOM (%)	0009	0.7350	0.0100	0.5201	0.3471	0.0953	47	0.62	21%	0
004.07	Fiber, Crude, ANKOM (%)	0520	0.8750	0.0300	0.5201	0.3471	0.0953	47	1.02	34%	0
004.07	Fiber, Crude, ANKOM (%)	0354	0.9000	0.0400	0.5201	0.3471	0.0953	47	1.09	37%	0
004.07	Fiber, Crude, ANKOM (%)	0529	0.9700	0.1800	0.5201	0.3471	0.0953	47	1.30	43%	0
004.07	Fiber, Crude, ANKOM (%)	0881	1.040	0.2410	0.5201	0.3471	0.0953	47	1.50	50%	0
004.07	Fiber, Crude, ANKOM (%)	0074	1.060	0.2200	0.5201	0.3471	0.0953	47	1.56	52%	0
004.07	Fiber, Crude, ANKOM (%)	0848	1.120	0.1600	0.5201	0.3471	0.0953	47	1.73	58%	0
004.07	Fiber, Crude, ANKOM (%)	0622	1.206	0.0109	0.5201	0.3471	0.0953	47	1.98	66%	0
004.07	Fiber, Crude, ANKOM (%)	0536	1.380	0.0800	0.5201	0.3471	0.0953	47	2.48	83%	0
004.07	Fiber, Crude, ANKOM (%)	0278	1.500	0.0000	0.5201	0.3471	0.0953	47	2.82	94%	0
004.07	Fiber, Crude, ANKOM (%)	0242	1.805	0.0900	0.5201	0.3471	0.0953	47	3.70	124%	0
004.07	Fiber, Crude, ANKOM (%)	0190	0.7500	0.5000	0.5201	0.3471	0.0953	47	0.66	22%	1
004.07	Fiber, Crude, ANKOM (%)	0366	3.600	0.2000	0.5201	0.3471	0.0953	47	8.87	296%	2
004.07	Fiber, Crude, ANKOM (%)	0505	0.0000	0.0000	0.5201	0.3471	0.0953	47			4
004.07	Fiber, Crude, ANKOM (%)	0032	0.0500	0.1000	0.5201	0.3471	0.0953	47			4
004.07	Fiber, Crude, ANKOM (%)	0563	< 0.4		0.5201	0.3471	0.0953	47			5
004.07	Fiber, Crude, ANKOM (%)	0042	< 0.5		0.5201	0.3471	0.0953	47			5
004.07	Fiber, Crude, ANKOM (%)	0876	< 0.5		0.5201	0.3471	0.0953	47			5
004.11	Fiber, Crude, NIR (%)	0848	1.425	0.0100				1			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	1.142	0.0871				1			0
005.00	Ash, 2h @ 600°C (%)	1019	9.370	0.2000	9.775	0.1249	0.0593	83	-3.24	2%	0

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005.00	Ash, 2h @ 600°C (%)	2184	9.425	0.1500	9.775	0.1249	0.0593	83	-2.80	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	9.540	0.1600	9.775	0.1249	0.0593	83	-1.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	9.540	0.1200	9.775	0.1249	0.0593	83	-1.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	9.560	0.0200	9.775	0.1249	0.0593	83	-1.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	9.600	0.0000	9.775	0.1249	0.0593	83	-1.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	9.600	0.2000	9.775	0.1249	0.0593	83	-1.40	1%	0
005.00	Ash, 2h @ 600°C (%)	2359	9.600	0.0000	9.775	0.1249	0.0593	83	-1.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	9.610	0.1200	9.775	0.1249	0.0593	83	-1.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	9.627	0.0057	9.775	0.1249	0.0593	83	-1.18	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	9.635	0.0300	9.775	0.1249	0.0593	83	-1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	0169	9.645	0.0300	9.775	0.1249	0.0593	83	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	9.655	0.0100	9.775	0.1249	0.0593	83	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	9.655	0.0500	9.775	0.1249	0.0593	83	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	9.655	0.1300	9.775	0.1249	0.0593	83	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	9.657	0.0540	9.775	0.1249	0.0593	83	-0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	9.665	0.0700	9.775	0.1249	0.0593	83	-0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	2325	9.675	0.0300	9.775	0.1249	0.0593	83	-0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	2246	9.675	0.0197	9.775	0.1249	0.0593	83	-0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	9.680	0.0000	9.775	0.1249	0.0593	83	-0.76	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	9.680	0.1000	9.775	0.1249	0.0593	83	-0.76	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	9.685	0.0100	9.775	0.1249	0.0593	83	-0.72	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	9.685	0.2700	9.775	0.1249	0.0593	83	-0.72	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	9.690	0.0800	9.775	0.1249	0.0593	83	-0.68	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	9.692	0.0201	9.775	0.1249	0.0593	83	-0.66	0%	0
005.00	Ash, 2h @ 600°C (%)	0049	9.720	0.1800	9.775	0.1249	0.0593	83	-0.44	0%	0
005.00	Ash, 2h @ 600°C (%)	2340	9.722	0.0130	9.775	0.1249	0.0593	83	-0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	9.733	0.0345	9.775	0.1249	0.0593	83	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	9.740	0.0200	9.775	0.1249	0.0593	83	-0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	9.745	0.0900	9.775	0.1249	0.0593	83	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0027	9.745	0.0400	9.775	0.1249	0.0593	83	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	9.749	0.1092	9.775	0.1249	0.0593	83	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0357	9.750	0.1000	9.775	0.1249	0.0593	83	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	9.750	0.0000	9.775	0.1249	0.0593	83	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	9.756	0.0520	9.775	0.1249	0.0593	83	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	9.760	0.0000	9.775	0.1249	0.0593	83	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	9.760	0.1889	9.775	0.1249	0.0593	83	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	9.765	0.0100	9.775	0.1249	0.0593	83	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	9.770	0.0200	9.775	0.1249	0.0593	83	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	9.770	0.0000	9.775	0.1249	0.0593	83	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0186	9.774	0.0010	9.775	0.1249	0.0593	83	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	2089	9.775	0.1300	9.775	0.1249	0.0593	83	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	9.780	0.0000	9.775	0.1249	0.0593	83	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			
005.00	Ash, 2h @ 600°C (%)	2337	9.780	0.0000	9.775	0.1249	0.0593	83	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	9.785	0.0700	9.775	0.1249	0.0593	83	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	9.790	0.0400	9.775	0.1249	0.0593	83	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	9.795	0.1100	9.775	0.1249	0.0593	83	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	9.800	0.0000	9.775	0.1249	0.0593	83	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0853	9.800	0.0000	9.775	0.1249	0.0593	83	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	9.800	0.0000	9.775	0.1249	0.0593	83	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	9.801	0.0020	9.775	0.1249	0.0593	83	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	2259	9.803	0.0040	9.775	0.1249	0.0593	83	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	9.805	0.0300	9.775	0.1249	0.0593	83	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	9.808	0.0360	9.775	0.1249	0.0593	83	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	9.810	0.0200	9.775	0.1249	0.0593	83	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	9.810	0.0200	9.775	0.1249	0.0593	83	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	9.814	0.0287	9.775	0.1249	0.0593	83	0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	2349	9.820	0.0000	9.775	0.1249	0.0593	83	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	9.850	0.0000	9.775	0.1249	0.0593	83	0.60	0%	0
005.00	Ash, 2h @ 600°C (%)	0062	9.860	0.0200	9.775	0.1249	0.0593	83	0.68	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	9.860	0.0200	9.775	0.1249	0.0593	83	0.68	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	9.865	0.0900	9.775	0.1249	0.0593	83	0.72	0%	0
005.00	Ash, 2h @ 600°C (%)	2193	9.865	0.1300	9.775	0.1249	0.0593	83	0.72	0%	0
005.00	Ash, 2h @ 600°C (%)	0921	9.872	0.0020	9.775	0.1249	0.0593	83	0.78	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	9.875	0.0300	9.775	0.1249	0.0593	83	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	9.880	0.0000	9.775	0.1249	0.0593	83	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	9.885	0.0500	9.775	0.1249	0.0593	83	0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0723	9.890	0.0400	9.775	0.1249	0.0593	83	0.92	1%	0
005.00	Ash, 2h @ 600°C (%)	2181	9.895	0.0500	9.775	0.1249	0.0593	83	0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	9.900	0.2000	9.775	0.1249	0.0593	83	1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	9.900	0.2000	9.775	0.1249	0.0593	83	1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	9.900	0.0000	9.775	0.1249	0.0593	83	1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	9.910	0.0200	9.775	0.1249	0.0593	83	1.08	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	9.915	0.2100	9.775	0.1249	0.0593	83	1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	0685	9.920	0.0600	9.775	0.1249	0.0593	83	1.16	1%	0
005.00	Ash, 2h @ 600°C (%)	0574	9.930	0.0400	9.775	0.1249	0.0593	83	1.24	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	9.955	0.0100	9.775	0.1249	0.0593	83	1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	9.960	0.0600	9.775	0.1249	0.0593	83	1.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	9.975	0.0300	9.775	0.1249	0.0593	83	1.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	10.09	0.0100	9.775	0.1249	0.0593	83	2.49	2%	0
005.00	Ash, 2h @ 600°C (%)	0425	10.12	0.1200	9.775	0.1249	0.0593	83	2.77	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	10.13	0.0100	9.775	0.1249	0.0593	83	2.81	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	10.28	0.2900	9.775	0.1249	0.0593	83	4.01	3%	0
005.00	Ash, 2h @ 600°C (%)	0297	9.790	0.5000	9.775	0.1249	0.0593	83	0.12	0%	1
005.02	Ash, LECO (%)	0644	10.20	0.0760				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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005.03	Ash, Microwave furnace (%)	0511	9.450	0.3000				1			0
005.04	Ash, Acid insoluble (%)	2146	9.885	0.0100				1			0
005.05	Ash, 3h @ 550°C (%)	0294	9.650	0.1000	9.818	0.0868	0.0616	25	-1.94	1%	0
005.05	Ash, 3h @ 550°C (%)	0726	9.680	0.0600	9.818	0.0868	0.0616	25	-1.59	1%	0
005.05	Ash, 3h @ 550°C (%)	2345	9.725	0.2500	9.818	0.0868	0.0616	25	-1.07	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	9.730	0.0400	9.818	0.0868	0.0616	25	-1.02	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	9.735	0.0700	9.818	0.0868	0.0616	25	-0.96	0%	0
005.05	Ash, 3h @ 550°C (%)	0038	9.775	0.1100	9.818	0.0868	0.0616	25	-0.50	0%	0
005.05	Ash, 3h @ 550°C (%)	0881	9.780	0.0290	9.818	0.0868	0.0616	25	-0.45	0%	0
005.05	Ash, 3h @ 550°C (%)	0066	9.780	0.0400	9.818	0.0868	0.0616	25	-0.44	0%	0
005.05	Ash, 3h @ 550°C (%)	2246	9.785	0.0297	9.818	0.0868	0.0616	25	-0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	9.785	0.0300	9.818	0.0868	0.0616	25	-0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	9.787	0.2550	9.818	0.0868	0.0616	25	-0.36	0%	0
005.05	Ash, 3h @ 550°C (%)	0003	9.805	0.0100	9.818	0.0868	0.0616	25	-0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	2144	9.805	0.0500	9.818	0.0868	0.0616	25	-0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	9.809	0.0060	9.818	0.0868	0.0616	25	-0.11	0%	0
005.05	Ash, 3h @ 550°C (%)	2340	9.820	0.0090	9.818	0.0868	0.0616	25	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	2192	9.830	0.0000	9.818	0.0868	0.0616	25	0.14	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	9.865	0.0300	9.818	0.0868	0.0616	25	0.54	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	9.873	0.0233	9.818	0.0868	0.0616	25	0.63	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	9.879	0.0300	9.818	0.0868	0.0616	25	0.70	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	9.880	0.0600	9.818	0.0868	0.0616	25	0.71	0%	0
005.05	Ash, 3h @ 550°C (%)	0190	9.890	0.0000	9.818	0.0868	0.0616	25	0.83	0%	0
005.05	Ash, 3h @ 550°C (%)	2190	9.900	0.2000	9.818	0.0868	0.0616	25	0.94	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	9.945	0.0100	9.818	0.0868	0.0616	25	1.46	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	9.970	0.0200	9.818	0.0868	0.0616	25	1.75	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	10.31	0.0790	9.818	0.0868	0.0616	25	5.65	2%	0
005.11	Ash, NIR (%)	2105	6.960	0.0800				3			0
005.11	Ash, NIR (%)	0848	9.690	0.1000				3			0
005.11	Ash, NIR (%)	0297	11.11	0.3600				3			0
005.11	Ash, NIR (%)	2389	97.55	0.1000				3			2
005.99	Ash, Miscellaneous (%)	0019	9.650	0.1000	9.773	0.0862	0.0867	6	-1.43	1%	0
005.99	Ash, Miscellaneous (%)	0546	9.740	0.0200	9.773	0.0862	0.0867	6	-0.39	0%	0
005.99	Ash, Miscellaneous (%)	0884	9.750	0.1000	9.773	0.0862	0.0867	6	-0.27	0%	0
005.99	Ash, Miscellaneous (%)	0536	9.805	0.0100	9.773	0.0862	0.0867	6	0.37	0%	0
005.99	Ash, Miscellaneous (%)	0202	9.845	0.1900	9.773	0.0862	0.0867	6	0.83	0%	0
005.99	Ash, Miscellaneous (%)	2319	9.850	0.1000	9.773	0.0862	0.0867	6	0.89	0%	0
006.00	Total Sugars, As sucrose (%)	0407	30.27	0.3010				1			0
006.01	Total Sugars, Mod. Fehling Soln (%)	0038	29.00	1.200				1			0
006.99	Total Sugars, Miscellaneous (%)	0066	16.19	0.4000	29.47	8.207	1.349	10	-1.62	23%	0
006.99	Total Sugars, Miscellaneous (%)	0939	22.02	1.920	29.47	8.207	1.349	10	-0.91	13%	0
006.99	Total Sugars, Miscellaneous (%)	0956	23.05	4.100	29.47	8.207	1.349	10	-0.78	11%	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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006.99	Total Sugars, Miscellaneous (%)	0610	25.55	0.3000	29.47	8.207	1.349	10	-0.48	7%	0
006.99	Total Sugars, Miscellaneous (%)	0226	29.48	0.9600	29.47	8.207	1.349	10	0.00	0%	0
006.99	Total Sugars, Miscellaneous (%)	0921	34.02	0.1340	29.47	8.207	1.349	10	0.56	8%	0
006.99	Total Sugars, Miscellaneous (%)	0148	34.06	0.8300	29.47	8.207	1.349	10	0.56	8%	0
006.99	Total Sugars, Miscellaneous (%)	0674	34.45	0.0000	29.47	8.207	1.349	10	0.61	8%	0
006.99	Total Sugars, Miscellaneous (%)	0027	34.78	4.850	29.47	8.207	1.349	10	0.65	9%	0
006.99	Total Sugars, Miscellaneous (%)	2319	40.10	0.0000	29.47	8.207	1.349	10	1.30	18%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	0.2544	0.0099	0.8186	0.7995	0.0075	4			0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	0.4300	0.0200	0.8186	0.7995	0.0075	4			0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	0.5900	0.0000	0.8186	0.7995	0.0075	4			0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	2.000	0.0000	0.8186	0.7995	0.0075	4			0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	0.2750	0.0700	0.8186	0.7995	0.0075	4			1
008.02	Fiber, Acid Detergent, Crucible (%)	2192	< 1.5		0.8186	0.7995	0.0075	4			5
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	0.0585	0.0170	0.4350	0.3640	0.0424	18	-1.03	43%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	0.1141	0.0084	0.4350	0.3640	0.0424	18	-0.88	37%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	0.1200	0.0000	0.4350	0.3640	0.0424	18	-0.87	36%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2345	0.1350	0.0300	0.4350	0.3640	0.0424	18	-0.82	34%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	0.2000	0.0600	0.4350	0.3640	0.0424	18	-0.65	27%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	0.2450	0.0100	0.4350	0.3640	0.0424	18	-0.52	22%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	0.2650	0.0100	0.4350	0.3640	0.0424	18	-0.47	20%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	0.3200	0.0000	0.4350	0.3640	0.0424	18	-0.32	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2012	0.3300	0.0200	0.4350	0.3640	0.0424	18	-0.29	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	0.3400	0.0600	0.4350	0.3640	0.0424	18	-0.26	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	0.3495	0.0030	0.4350	0.3640	0.0424	18	-0.23	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	0.3500	0.1000	0.4350	0.3640	0.0424	18	-0.23	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	0.5000	0.0000	0.4350	0.3640	0.0424	18	0.18	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	0.7000	0.2000	0.4350	0.3640	0.0424	18	0.73	30%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	0.8600	0.0000	0.4350	0.3640	0.0424	18	1.17	49%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	1.060	0.0140	0.4350	0.3640	0.0424	18	1.72	72%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0366	1.100	0.2000	0.4350	0.3640	0.0424	18	1.83	76%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	1.375	0.0300	0.4350	0.3640	0.0424	18	2.58	108%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	0.9300	0.2600	0.4350	0.3640	0.0424	18	1.36	57%	1
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	0.0000	0.0000	0.4350	0.3640	0.0424	18			4
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	0.0740	0.1480	0.4350	0.3640	0.0424	18			4
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	< 0.1		0.4350	0.3640	0.0424	18			5
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	< 0.3		0.4350	0.3640	0.0424	18			5
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	< 0.5		0.4350	0.3640	0.0424	18			5
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	< 3		0.4350	0.3640	0.0424	18			5
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0265	0.8890	0.0480				2			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	1.445	0.3500				2			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	0.3550	0.0500	1.098	0.5954	0.0480	4			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	0.9400	0.0200	1.098	0.5954	0.0480	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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009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	1.345	0.0221	1.098	0.5954	0.0480	4			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	1.750	0.1000	1.098	0.5954	0.0480	4			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	0.4550	0.4900	1.098	0.5954	0.0480	4			1
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	< 0.1		1.098	0.5954	0.0480	4			5
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	< 2		1.098	0.5954	0.0480	4			5
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	0.0800	0.0200	0.5251	0.4044	0.1186	20	-1.10	42%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	0.1150	0.0100	0.5251	0.4044	0.1186	20	-1.01	39%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	0.1700	0.0000	0.5251	0.4044	0.1186	20	-0.88	34%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2345	0.2200	0.0400	0.5251	0.4044	0.1186	20	-0.75	29%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	0.2200	0.1200	0.5251	0.4044	0.1186	20	-0.75	29%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2322	0.2650	0.0300	0.5251	0.4044	0.1186	20	-0.64	25%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	0.3000	0.0000	0.5251	0.4044	0.1186	20	-0.56	21%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	0.3000	0.2000	0.5251	0.4044	0.1186	20	-0.56	21%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	0.4095	0.0190	0.5251	0.4044	0.1186	20	-0.29	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	0.4113	0.0739	0.5251	0.4044	0.1186	20	-0.28	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	0.4119	0.0254	0.5251	0.4044	0.1186	20	-0.28	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	0.5500	0.0600	0.5251	0.4044	0.1186	20	0.06	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	0.5500	0.0800	0.5251	0.4044	0.1186	20	0.06	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0504	0.5600	0.1600	0.5251	0.4044	0.1186	20	0.09	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	0.6301	0.5442	0.5251	0.4044	0.1186	20	0.26	10%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	0.8150	0.2500	0.5251	0.4044	0.1186	20	0.72	28%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	1.100	0.0200	0.5251	0.4044	0.1186	20	1.42	55%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	1.130	0.0000	0.5251	0.4044	0.1186	20	1.50	58%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	1.200	0.0200	0.5251	0.4044	0.1186	20	1.67	64%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0366	2.550	0.7000	0.5251	0.4044	0.1186	20	5.01	193%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	1.300	0.8000	0.5251	0.4044	0.1186	20	1.92	74%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	0.0000	0.0000	0.5251	0.4044	0.1186	20			4
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	0.1050	0.2100	0.5251	0.4044	0.1186	20			4
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	< 1		0.5251	0.4044	0.1186	20			5
010.03	Moisture, Karl-Fischer (%)	0843	4.885	0.0900				2			0
010.03	Moisture, Karl-Fischer (%)	0164	5.615	0.2700				2			0
010.11	Moisture, NIR (%)	0848	3.495	0.0100				2			0
010.11	Moisture, NIR (%)	2105	11.02	0.3200				2			0
010.99	Moisture, Miscellaneous (%)	0546	3.855	0.0100	4.705	0.6120	0.0548	15	-1.39	9%	0
010.99	Moisture, Miscellaneous (%)	0875	4.000	0.0000	4.705	0.6120	0.0548	15	-1.15	7%	0
010.99	Moisture, Miscellaneous (%)	2089	4.270	0.0400	4.705	0.6120	0.0548	15	-0.71	5%	0
010.99	Moisture, Miscellaneous (%)	0622	4.399	0.0037	4.705	0.6120	0.0548	15	-0.50	3%	0
010.99	Moisture, Miscellaneous (%)	2363	4.400	0.0000	4.705	0.6120	0.0548	15	-0.50	3%	0
010.99	Moisture, Miscellaneous (%)	2375	4.500	0.0000	4.705	0.6120	0.0548	15	-0.34	2%	0
010.99	Moisture, Miscellaneous (%)	0948	4.510	0.0400	4.705	0.6120	0.0548	15	-0.32	2%	0
010.99	Moisture, Miscellaneous (%)	0726	4.540	0.0000	4.705	0.6120	0.0548	15	-0.27	2%	0
010.99	Moisture, Miscellaneous (%)	0884	4.650	0.1000	4.705	0.6120	0.0548	15	-0.09	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
010.99	Moisture, Miscellaneous (%)	2129	4.695	0.0090	4.705	0.6120	0.0548	15	-0.02	0%	0
010.99	Moisture, Miscellaneous (%)	0939	4.990	0.2200	4.705	0.6120	0.0548	15	0.47	3%	0
010.99	Moisture, Miscellaneous (%)	2076	5.220	0.1200	4.705	0.6120	0.0548	15	0.84	5%	0
010.99	Moisture, Miscellaneous (%)	0019	5.330	0.0400	4.705	0.6120	0.0548	15	1.02	7%	0
010.99	Moisture, Miscellaneous (%)	2150	5.595	0.0700	4.705	0.6120	0.0548	15	1.45	9%	0
010.99	Moisture, Miscellaneous (%)	0190	6.345	0.1700	4.705	0.6120	0.0548	15	2.68	17%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	3.880	0.1200	9.723	1.921	0.2409	57	-3.04	30%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2359	4.350	0.5000	9.723	1.921	0.2409	57	-2.80	28%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	4.431	0.1260	9.723	1.921	0.2409	57	-2.76	27%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	4.540	0.0000	9.723	1.921	0.2409	57	-2.70	27%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	4.822	0.0010	9.723	1.921	0.2409	57	-2.55	25%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2073	4.915	0.0500	9.723	1.921	0.2409	57	-2.50	25%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	5.165	0.0500	9.723	1.921	0.2409	57	-2.37	23%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	5.195	0.6830	9.723	1.921	0.2409	57	-2.36	23%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	5.900	0.2000	9.723	1.921	0.2409	57	-1.99	20%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2322	6.240	0.0200	9.723	1.921	0.2409	57	-1.81	18%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	6.955	0.9500	9.723	1.921	0.2409	57	-1.44	14%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0425	8.290	0.0600	9.723	1.921	0.2409	57	-0.75	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	8.515	0.2700	9.723	1.921	0.2409	57	-0.63	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	8.875	0.1700	9.723	1.921	0.2409	57	-0.44	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	8.905	0.7700	9.723	1.921	0.2409	57	-0.43	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	8.980	0.0600	9.723	1.921	0.2409	57	-0.39	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	9.210	0.0600	9.723	1.921	0.2409	57	-0.27	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	9.280	0.0000	9.723	1.921	0.2409	57	-0.23	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	9.390	0.0800	9.723	1.921	0.2409	57	-0.17	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	9.470	0.2600	9.723	1.921	0.2409	57	-0.13	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	9.490	0.1200	9.723	1.921	0.2409	57	-0.12	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	9.650	0.1000	9.723	1.921	0.2409	57	-0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2168	9.695	0.0300	9.723	1.921	0.2409	57	-0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	9.785	0.5500	9.723	1.921	0.2409	57	0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	9.870	0.0000	9.723	1.921	0.2409	57	0.08	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	9.920	0.0000	9.723	1.921	0.2409	57	0.10	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0553	9.950	0.9000	9.723	1.921	0.2409	57	0.12	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	9.955	0.0900	9.723	1.921	0.2409	57	0.12	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	10.00	0.8400	9.723	1.921	0.2409	57	0.14	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	10.02	0.2000	9.723	1.921	0.2409	57	0.15	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	10.25	0.0000	9.723	1.921	0.2409	57	0.27	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2340	10.36	0.0190	9.723	1.921	0.2409	57	0.33	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	10.38	0.7077	9.723	1.921	0.2409	57	0.34	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	10.40	0.0730	9.723	1.921	0.2409	57	0.35	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	10.46	0.1000	9.723	1.921	0.2409	57	0.38	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	10.48	0.4400	9.723	1.921	0.2409	57	0.39	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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011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	10.52	0.0900	9.723	1.921	0.2409	57	0.41	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	10.54	0.2100	9.723	1.921	0.2409	57	0.42	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	10.55	0.4500	9.723	1.921	0.2409	57	0.43	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	10.77	0.3600	9.723	1.921	0.2409	57	0.55	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	10.77	0.0085	9.723	1.921	0.2409	57	0.55	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	10.80	0.0300	9.723	1.921	0.2409	57	0.56	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	10.85	0.0650	9.723	1.921	0.2409	57	0.59	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	10.97	0.3200	9.723	1.921	0.2409	57	0.65	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	10.99	0.2000	9.723	1.921	0.2409	57	0.66	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	11.03	0.0500	9.723	1.921	0.2409	57	0.68	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	11.12	0.2500	9.723	1.921	0.2409	57	0.72	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	11.29	0.1000	9.723	1.921	0.2409	57	0.82	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	11.30	0.0600	9.723	1.921	0.2409	57	0.82	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0062	11.40	0.5800	9.723	1.921	0.2409	57	0.87	9%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	11.52	0.6100	9.723	1.921	0.2409	57	0.93	9%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0881	11.61	0.1970	9.723	1.921	0.2409	57	0.98	10%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	11.70	0.0300	9.723	1.921	0.2409	57	1.03	10%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	11.76	0.2500	9.723	1.921	0.2409	57	1.06	10%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	13.32	0.0300	9.723	1.921	0.2409	57	1.87	18%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0309	13.77	0.1100	9.723	1.921	0.2409	57	2.10	21%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	14.26	1.130	9.723	1.921	0.2409	57	2.36	23%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0265	10.10	1.400	9.723	1.921	0.2409	57	0.20	2%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	8.455	0.3500				2			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	8.970	0.1200				2			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2388	6.925	0.5100				1			0
012.00	Starch, Polarimetric (Ewers) (%)	2006	0.4300	0.0200	7.893	5.571	0.0290	8	-1.34	47%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	2.000	0.0000	7.893	5.571	0.0290	8	-1.06	37%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	4.869	0.0220	7.893	5.571	0.0290	8	-0.54	19%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	7.755	0.0700	7.893	5.571	0.0290	8	-0.02	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	11.25	0.1000	7.893	5.571	0.0290	8	0.60	21%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	11.95	0.0000	7.893	5.571	0.0290	8	0.73	26%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	12.15	0.0200	7.893	5.571	0.0290	8	0.76	27%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	12.74	0.0000	7.893	5.571	0.0290	8	0.87	31%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	11.98	0.3900	7.893	5.571	0.0290	8	0.73	26%	1
012.00	Starch, Polarimetric (Ewers) (%)	0619	0.0350	0.0700	7.893	5.571	0.0290	8			4
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0366	0.1000	0.0000	0.5580	0.5238	0.0747	6	-0.87	41%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0407	0.1623	0.0166	0.5580	0.5238	0.0747	6	-0.76	35%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	0.3856	0.0316	0.5580	0.5238	0.0747	6	-0.33	15%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	0.5000	0.0000	0.5580	0.5238	0.0747	6	-0.11	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	0.9000	0.0000	0.5580	0.5238	0.0747	6	0.65	31%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	1.300	0.4000	0.5580	0.5238	0.0747	6	1.42	66%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	1.935	0.8500	0.5580	0.5238	0.0747	6	2.63	123%	1

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012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0885	34.83	0.2382	0.5580	0.5238	0.0747	6	65.43	3071%	2
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	0.0000	0.0000	0.5580	0.5238	0.0747	6			4
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	0.1231	0.0003				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	0.8100	0.0800				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0066	1.635	0.2100				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	0.1000	0.0000	0.8205	0.6944	0.0922	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	0.2500	0.1000	0.8205	0.6944	0.0922	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0674	0.8400	0.0000	0.8205	0.6944	0.0922	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0226	1.085	0.0100	0.8205	0.6944	0.0922	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	1.828	0.3510	0.8205	0.6944	0.0922	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	2129	0.2909	0.5817	0.8205	0.6944	0.0922	5			4
012.11	Starch, NIR (%)	0297	1.290	0.3200				1			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	0.5250	0.2900				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	15.99	0.9889	19.64	1.171	0.4009	19	-3.12	9%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0650	18.30	0.6000	19.64	1.171	0.4009	19	-1.15	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	18.42	0.3000	19.64	1.171	0.4009	19	-1.04	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0881	18.50	0.5090	19.64	1.171	0.4009	19	-0.98	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	18.50	0.2800	19.64	1.171	0.4009	19	-0.98	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	18.77	0.1500	19.64	1.171	0.4009	19	-0.75	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2345	19.08	1.650	19.64	1.171	0.4009	19	-0.48	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	19.11	0.8900	19.64	1.171	0.4009	19	-0.46	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	19.77	0.0100	19.64	1.171	0.4009	19	0.10	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	19.95	0.1000	19.64	1.171	0.4009	19	0.26	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	19.95	0.5000	19.64	1.171	0.4009	19	0.26	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2144	19.99	0.0100	19.64	1.171	0.4009	19	0.29	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	20.30	0.5200	19.64	1.171	0.4009	19	0.56	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	20.50	0.0000	19.64	1.171	0.4009	19	0.73	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	20.70	0.4000	19.64	1.171	0.4009	19	0.90	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	20.71	0.0500	19.64	1.171	0.4009	19	0.91	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	20.83	0.4600	19.64	1.171	0.4009	19	1.01	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	20.85	0.0400	19.64	1.171	0.4009	19	1.03	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2089	21.13	0.1600	19.64	1.171	0.4009	19	1.27	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	18.77	0.3450	20.46	0.7432	0.2855	14	-2.26	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	19.12	0.0420	20.46	0.7432	0.2855	14	-1.79	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0536	19.76	0.2000	20.46	0.7432	0.2855	14	-0.94	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0964	20.05	0.4000	20.46	0.7432	0.2855	14	-0.55	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	20.15	0.1000	20.46	0.7432	0.2855	14	-0.41	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	20.43	0.9132	20.46	0.7432	0.2855	14	-0.03	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	20.54	0.0900	20.46	0.7432	0.2855	14	0.11	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	20.60	0.1200	20.46	0.7432	0.2855	14	0.19	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	20.75	0.2400	20.46	0.7432	0.2855	14	0.39	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	20.78	0.0200	20.46	0.7432	0.2855	14	0.43	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			
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	20.99	0.0670	20.46	0.7432	0.2855	14	0.72	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0074	21.04	0.7300	20.46	0.7432	0.2855	14	0.78	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	21.16	0.0900	20.46	0.7432	0.2855	14	0.94	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	21.47	0.6400	20.46	0.7432	0.2855	14	1.36	2%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	0038	16.05	0.3000	19.86	0.3199	0.2450	6	-11.92	10%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	0505	19.79	0.2000	19.86	0.3199	0.2450	6	-0.23	0%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	2375	19.85	0.0300	19.86	0.3199	0.2450	6	-0.06	0%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	0017	19.90	0.2000	19.86	0.3199	0.2450	6	0.12	0%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	0011	20.04	0.4900	19.86	0.3199	0.2450	6	0.54	0%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	2319	20.23	0.2500	19.86	0.3199	0.2450	6	1.13	1%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	19.95	0.1100				3			0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0035	19.95	0.4400				3			0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0160	20.20	0.2000				3			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2109	15.63	0.0300	19.39	0.4427	0.1528	10	-8.51	10%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	19.03	0.3500	19.39	0.4427	0.1528	10	-0.83	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	19.03	0.0000	19.39	0.4427	0.1528	10	-0.82	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0885	19.37	0.0324	19.39	0.4427	0.1528	10	-0.06	0%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0939	19.38	0.1800	19.39	0.4427	0.1528	10	-0.03	0%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0918	19.42	0.5200	19.39	0.4427	0.1528	10	0.06	0%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	19.44	0.0152	19.39	0.4427	0.1528	10	0.10	0%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0674	19.75	0.0000	19.39	0.4427	0.1528	10	0.80	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2349	19.80	0.4000	19.39	0.4427	0.1528	10	0.92	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	20.00	0.0000	19.39	0.4427	0.1528	10	1.37	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0651	16.70	0.5458	19.14	0.8098	0.3512	12	-3.01	6%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0354	18.33	0.1200	19.14	0.8098	0.3512	12	-1.01	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0876	18.40	0.2000	19.14	0.8098	0.3512	12	-0.92	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	18.75	0.5000	19.14	0.8098	0.3512	12	-0.49	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0511	19.05	0.0200	19.14	0.8098	0.3512	12	-0.12	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	19.07	0.1500	19.14	0.8098	0.3512	12	-0.10	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0675	19.24	0.0500	19.14	0.8098	0.3512	12	0.11	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	2129	19.46	0.4052	19.14	0.8098	0.3512	12	0.39	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	19.53	0.1600	19.14	0.8098	0.3512	12	0.48	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0619	19.55	0.1000	19.14	0.8098	0.3512	12	0.50	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	20.07	1.320	19.14	0.8098	0.3512	12	1.14	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	20.59	0.6429	19.14	0.8098	0.3512	12	1.79	4%	0
013.99	Fat, Acid Pretreat, Pretreatment, Misc (%)	2319	18.55	0.3000				1			0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	31.21	2.220	40.75	10.97	1.543	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	32.51	0.3927	40.75	10.97	1.543	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	35.00	0.0000	40.75	10.97	1.543	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	50.00	4.630	40.75	10.97	1.543	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	55.02	0.4700	40.75	10.97	1.543	5			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	22.82	1.520				2			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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015.42	Aluminum, ICP, Open vessel (ppm)	0037	27.95	0.1000				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0297	24.00	4.000	30.87	6.148	3.108	6	-1.12	11%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	26.65	0.3000	30.87	6.148	3.108	6	-0.69	7%	0
015.43	Aluminum, ICP, Microwave (ppm)	0032	29.78	1.290	30.87	6.148	3.108	6	-0.18	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	30.94	0.5569	30.87	6.148	3.108	6	0.01	0%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	35.00	10.00	30.87	6.148	3.108	6	0.67	7%	0
015.43	Aluminum, ICP, Microwave (ppm)	0964	38.85	2.500	30.87	6.148	3.108	6	1.30	13%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	31.01	0.3908				1			0
015.99	Aluminum, Miscellaneous (ppm)	0123	26.45	0.9000				1			0
017.41	Boron, ICP, Dry ash (ppm)	0358	2.495	0.1900	2.951	0.3533	0.2098	4			0
017.41	Boron, ICP, Dry ash (ppm)	0226	2.860	0.0400	2.951	0.3533	0.2098	4			0
017.41	Boron, ICP, Dry ash (ppm)	0407	3.159	0.2491	2.951	0.3533	0.2098	4			0
017.41	Boron, ICP, Dry ash (ppm)	0049	3.290	0.3600	2.951	0.3533	0.2098	4			0
017.41	Boron, ICP, Dry ash (ppm)	0229	2.790	1.820	2.951	0.3533	0.2098	4			1
017.42	Boron, ICP, Open vessel (ppm)	0693	2.395	0.2540	3.302	0.8247	0.1565	6	-1.10	14%	0
017.42	Boron, ICP, Open vessel (ppm)	0045	3.000	0.0000	3.302	0.8247	0.1565	6	-0.37	5%	0
017.42	Boron, ICP, Open vessel (ppm)	2129	3.075	0.1750	3.302	0.8247	0.1565	6	-0.28	3%	0
017.42	Boron, ICP, Open vessel (ppm)	0037	3.150	0.1000	3.302	0.8247	0.1565	6	-0.18	2%	0
017.42	Boron, ICP, Open vessel (ppm)	0265	3.655	0.3300	3.302	0.8247	0.1565	6	0.43	5%	0
017.42	Boron, ICP, Open vessel (ppm)	0294	5.460	0.0800	3.302	0.8247	0.1565	6	2.62	33%	0
017.43	Boron, ICP, Microwave (ppm)	0353	1.500	1.000	3.438	1.655	0.4689	5			0
017.43	Boron, ICP, Microwave (ppm)	0032	2.700	0.0800	3.438	1.655	0.4689	5			0
017.43	Boron, ICP, Microwave (ppm)	0407	3.010	0.3444	3.438	1.655	0.4689	5			0
017.43	Boron, ICP, Microwave (ppm)	0918	4.080	0.5200	3.438	1.655	0.4689	5			0
017.43	Boron, ICP, Microwave (ppm)	0083	5.900	0.4000	3.438	1.655	0.4689	5			0
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	3.438	1.655	0.4689	5			4
017.53	Boron, ICP-MS, Microwave (ppm)	0407	2.616	0.3547				1			0
017.99	Boron, Miscellaneous (ppm)	0123	3.140	0.0000				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	0.9485	0.0070	1.048	0.1062	0.0283	6	-0.93	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	0.9750	0.0500	1.048	0.1062	0.0283	6	-0.68	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	0.9945	0.0430	1.048	0.1062	0.0283	6	-0.50	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2340	1.076	0.0020	1.048	0.1062	0.0283	6	0.27	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.091	0.0480	1.048	0.1062	0.0283	6	0.41	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	1.200	0.0200	1.048	0.1062	0.0283	6	1.44	7%	0
019.02	Calcium, Hach Method (%)	0536	1.330	0.0000				1			0
019.08	Calcium, EDTA (%)	2337	1.040	0.0400	1.089	0.0373	0.0180	10	-1.30	2%	0
019.08	Calcium, EDTA (%)	0689	1.050	0.0200	1.089	0.0373	0.0180	10	-1.04	2%	0
019.08	Calcium, EDTA (%)	2196	1.060	0.0000	1.089	0.0373	0.0180	10	-0.77	1%	0
019.08	Calcium, EDTA (%)	2009	1.078	0.0039	1.089	0.0373	0.0180	10	-0.28	0%	0
019.08	Calcium, EDTA (%)	2340	1.086	0.0110	1.089	0.0373	0.0180	10	-0.08	0%	0
019.08	Calcium, EDTA (%)	0885	1.098	0.0250	1.089	0.0373	0.0180	10	0.24	0%	0
019.08	Calcium, EDTA (%)	2188	1.100	0.0000	1.089	0.0373	0.0180	10	0.31	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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019.08	Calcium, EDTA (%)	0590	1.105	0.0100	1.089	0.0373	0.0180	10	0.44	1%	0
019.08	Calcium, EDTA (%)	2193	1.125	0.0100	1.089	0.0373	0.0180	10	0.98	2%	0
019.08	Calcium, EDTA (%)	2190	1.180	0.0598	1.089	0.0373	0.0180	10	2.44	4%	0
019.09	Calcium, Ion-selective electrode (%)	2006	0.9710	0.1060				1			0
019.31	Calcium, AAS, Dry ash (%)	0018	0.9055	0.0590	1.062	0.0483	0.0273	16	-3.24	7%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.010	0.0200	1.062	0.0483	0.0273	16	-1.07	2%	0
019.31	Calcium, AAS, Dry ash (%)	2246	1.014	0.0010	1.062	0.0483	0.0273	16	-0.99	2%	0
019.31	Calcium, AAS, Dry ash (%)	2325	1.025	0.0100	1.062	0.0483	0.0273	16	-0.76	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.035	0.0228	1.062	0.0483	0.0273	16	-0.56	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.040	0.0000	1.062	0.0483	0.0273	16	-0.45	1%	0
019.31	Calcium, AAS, Dry ash (%)	0656	1.050	0.0000	1.062	0.0483	0.0273	16	-0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.059	0.0479	1.062	0.0483	0.0273	16	-0.06	0%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.065	0.0100	1.062	0.0483	0.0273	16	0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.070	0.0600	1.062	0.0483	0.0273	16	0.17	0%	0
019.31	Calcium, AAS, Dry ash (%)	0622	1.076	0.0077	1.062	0.0483	0.0273	16	0.30	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.080	0.0200	1.062	0.0483	0.0273	16	0.38	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.099	0.0170	1.062	0.0483	0.0273	16	0.76	2%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.120	0.0400	1.062	0.0483	0.0273	16	1.21	3%	0
019.31	Calcium, AAS, Dry ash (%)	0651	1.122	0.0011	1.062	0.0483	0.0273	16	1.25	3%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.190	0.1200	1.062	0.0483	0.0273	16	2.66	6%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.145	0.1900	1.062	0.0483	0.0273	16	1.72	4%	1
019.31	Calcium, AAS, Dry ash (%)	0921	0.1800	0.0000	1.062	0.0483	0.0273	16	-18.27	42%	2
019.32	Calcium, AAS, Open vessel (%)	0169	0.9800	0.0200				1			0
019.41	Calcium, ICP, Dry ash (%)	0520	1.013	0.0250	1.067	0.0375	0.0182	21	-1.44	3%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.015	0.0100	1.067	0.0375	0.0182	21	-1.38	2%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.030	0.0000	1.067	0.0375	0.0182	21	-0.98	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.035	0.0100	1.067	0.0375	0.0182	21	-0.84	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.038	0.0415	1.067	0.0375	0.0182	21	-0.75	1%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.050	0.0000	1.067	0.0375	0.0182	21	-0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.055	0.0100	1.067	0.0375	0.0182	21	-0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.055	0.0100	1.067	0.0375	0.0182	21	-0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.060	0.0800	1.067	0.0375	0.0182	21	-0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	0674	1.060	0.0000	1.067	0.0375	0.0182	21	-0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.065	0.0300	1.067	0.0375	0.0182	21	-0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.065	0.0100	1.067	0.0375	0.0182	21	-0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0723	1.065	0.0100	1.067	0.0375	0.0182	21	-0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.070	0.0400	1.067	0.0375	0.0182	21	0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0066	1.071	0.0300	1.067	0.0375	0.0182	21	0.12	0%	0
019.41	Calcium, ICP, Dry ash (%)	2259	1.072	0.0228	1.067	0.0375	0.0182	21	0.15	0%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.105	0.0300	1.067	0.0375	0.0182	21	1.03	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.105	0.0100	1.067	0.0375	0.0182	21	1.03	2%	0
019.41	Calcium, ICP, Dry ash (%)	0685	1.125	0.0100	1.067	0.0375	0.0182	21	1.56	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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019.41	Calcium, ICP, Dry ash (%)	0354	1.127	0.0020	1.067	0.0375	0.0182	21	1.61	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.143	0.0016	1.067	0.0375	0.0182	21	2.04	4%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.015	0.1500	1.067	0.0375	0.0182	21	-1.38	2%	1
019.42	Calcium, ICP, Open vessel (%)	2129	0.9663	0.0181	1.096	0.0644	0.0166	19	-2.02	6%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.013	0.0060	1.096	0.0644	0.0166	19	-1.30	4%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.045	0.0100	1.096	0.0644	0.0166	19	-0.80	2%	0
019.42	Calcium, ICP, Open vessel (%)	2319	1.050	0.0200	1.096	0.0644	0.0166	19	-0.72	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.056	0.0040	1.096	0.0644	0.0166	19	-0.62	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.060	0.0160	1.096	0.0644	0.0166	19	-0.56	2%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.077	0.0020	1.096	0.0644	0.0166	19	-0.30	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.080	0.1000	1.096	0.0644	0.0166	19	-0.25	1%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.088	0.0069	1.096	0.0644	0.0166	19	-0.13	0%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.090	0.0200	1.096	0.0644	0.0166	19	-0.10	0%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.090	0.0000	1.096	0.0644	0.0166	19	-0.10	0%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.100	0.0000	1.096	0.0644	0.0166	19	0.06	0%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.104	0.0250	1.096	0.0644	0.0166	19	0.11	0%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.106	0.0250	1.096	0.0644	0.0166	19	0.14	0%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.131	0.0120	1.096	0.0644	0.0166	19	0.54	2%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.175	0.0500	1.096	0.0644	0.0166	19	1.22	4%	0
019.42	Calcium, ICP, Open vessel (%)	2375	1.180	0.0000	1.096	0.0644	0.0166	19	1.30	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.220	0.0000	1.096	0.0644	0.0166	19	1.92	6%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.240	0.0000	1.096	0.0644	0.0166	19	2.23	7%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.023	0.1150	1.096	0.0644	0.0166	19	-1.14	3%	1
019.43	Calcium, ICP, Microwave (%)	0083	0.9750	0.0100	1.082	0.0440	0.0264	25	-2.44	5%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.025	0.0100	1.082	0.0440	0.0264	25	-1.30	3%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.035	0.0100	1.082	0.0440	0.0264	25	-1.07	2%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.040	0.0000	1.082	0.0440	0.0264	25	-0.96	2%	0
019.43	Calcium, ICP, Microwave (%)	0511	1.045	0.0300	1.082	0.0440	0.0264	25	-0.85	2%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.047	0.0530	1.082	0.0440	0.0264	25	-0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.050	0.0200	1.082	0.0440	0.0264	25	-0.73	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.057	0.0498	1.082	0.0440	0.0264	25	-0.57	1%	0
019.43	Calcium, ICP, Microwave (%)	0876	1.060	0.0800	1.082	0.0440	0.0264	25	-0.51	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.062	0.0055	1.082	0.0440	0.0264	25	-0.46	1%	0
019.43	Calcium, ICP, Microwave (%)	0226	1.070	0.0200	1.082	0.0440	0.0264	25	-0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.075	0.0178	1.082	0.0440	0.0264	25	-0.17	0%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.079	0.0220	1.082	0.0440	0.0264	25	-0.07	0%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.085	0.0500	1.082	0.0440	0.0264	25	0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.090	0.0000	1.082	0.0440	0.0264	25	0.18	0%	0
019.43	Calcium, ICP, Microwave (%)	0032	1.096	0.0610	1.082	0.0440	0.0264	25	0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	2322	1.100	0.0200	1.082	0.0440	0.0264	25	0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.110	0.0200	1.082	0.0440	0.0264	25	0.63	1%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.114	0.0044	1.082	0.0440	0.0264	25	0.72	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			
019.43	Calcium, ICP, Microwave (%)	0297	1.115	0.1100	1.082	0.0440	0.0264	25	0.74	2%	0
019.43	Calcium, ICP, Microwave (%)	0870	1.124	0.0160	1.082	0.0440	0.0264	25	0.95	2%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.125	0.0100	1.082	0.0440	0.0264	25	0.97	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.140	0.0200	1.082	0.0440	0.0264	25	1.31	3%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.225	0.0100	1.082	0.0440	0.0264	25	3.24	7%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.245	0.0100	1.082	0.0440	0.0264	25	3.70	8%	0
019.44	Calcium, ICP, Dry ash (%)	0164	1.035	0.0100				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.9914	0.0500				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.105	0.1300				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.127	0.0790				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	1.033	0.0095				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.075	0.0900				2			0
019.99	Calcium, Miscellaneous (%)	0590	0.9850	0.0100	1.066	0.0850	0.0280	5			0
019.99	Calcium, Miscellaneous (%)	0242	1.015	0.0100	1.066	0.0850	0.0280	5			0
019.99	Calcium, Miscellaneous (%)	0100	1.035	0.0700	1.066	0.0850	0.0280	5			0
019.99	Calcium, Miscellaneous (%)	0123	1.095	0.0300	1.066	0.0850	0.0280	5			0
019.99	Calcium, Miscellaneous (%)	2144	1.200	0.0200	1.066	0.0850	0.0280	5			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	< 5					0			5
021.41	Cobalt, ICP, Dry ash (ppm)	0619	0.0620	0.0040	0.1698	0.1214	0.0122	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	0.0800	0.0000	0.1698	0.1214	0.0122	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	0.2185	0.0250	0.1698	0.1214	0.0122	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	0.3188	0.0197	0.1698	0.1214	0.0122	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0164	< 0.5		0.1698	0.1214	0.0122	4			5
021.42	Cobalt, ICP, Open vessel (ppm)	0366	< 0.5					0			5
021.43	Cobalt, ICP, Microwave (ppm)	0032	0.1295	0.0270	0.3980	0.2900	0.0235	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0510	0.2200	0.0400	0.3980	0.2900	0.0235	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0169	0.4650	0.0100	0.3980	0.2900	0.0235	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0066	0.7775	0.0170	0.3980	0.2900	0.0235	4			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	0.2939	0.1207	0.3980	0.2900	0.0235	4			1
021.43	Cobalt, ICP, Microwave (ppm)	0297	0.0000	0.0000	0.3980	0.2900	0.0235	4			4
021.43	Cobalt, ICP, Microwave (ppm)	0682	< 1		0.3980	0.2900	0.0235	4			5
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0047	0.1290	0.0020				2			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	0.1550	0.0100				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	0.0596	0.0005	0.1243	0.0529	0.0074	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	0.1150	0.0100	0.1243	0.0529	0.0074	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	0.1350	0.0100	0.1243	0.0529	0.0074	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0918	0.1875	0.0090	0.1243	0.0529	0.0074	4			0
022.31	Copper, AAS, Dry ash (ppm)	0939	10.97	0.1700	12.29	1.529	0.1532	7	-0.87	5%	0
022.31	Copper, AAS, Dry ash (ppm)	2246	11.17	0.1581	12.29	1.529	0.1532	7	-0.73	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	11.34	0.0300	12.29	1.529	0.1532	7	-0.62	4%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	12.17	0.0000	12.29	1.529	0.1532	7	-0.08	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	12.19	0.3140	12.29	1.529	0.1532	7	-0.06	0%	0

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022.31	Copper, AAS, Dry ash (ppm)	0529	13.60	0.4000	12.29	1.529	0.1532	7	0.86	5%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	20.16	0.0000	12.29	1.529	0.1532	7	5.15	32%	0
022.31	Copper, AAS, Dry ash (ppm)	0656	< 10.1		12.29	1.529	0.1532	7			5
022.33	Copper, AAS, Microwave (ppm)	0948	12.33	0.3500				2			0
022.33	Copper, AAS, Microwave (ppm)	0010	13.90	2.200				2			0
022.41	Copper, ICP, Dry ash (ppm)	0674	9.050	0.0000	12.13	1.784	0.6591	16	-1.72	13%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	10.16	0.2800	12.13	1.784	0.6591	16	-1.10	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	10.22	0.2846	12.13	1.784	0.6591	16	-1.07	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	10.92	0.5440	12.13	1.784	0.6591	16	-0.68	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	11.46	2.200	12.13	1.784	0.6591	16	-0.37	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	11.59	1.030	12.13	1.784	0.6591	16	-0.30	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	11.74	0.4800	12.13	1.784	0.6591	16	-0.22	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	11.89	0.3600	12.13	1.784	0.6591	16	-0.13	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	12.12	0.0387	12.13	1.784	0.6591	16	0.00	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	12.13	1.680	12.13	1.784	0.6591	16	0.00	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	12.64	0.2600	12.13	1.784	0.6591	16	0.29	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	12.67	0.6380	12.13	1.784	0.6591	16	0.30	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	13.52	0.4800	12.13	1.784	0.6591	16	0.78	6%	0
022.41	Copper, ICP, Dry ash (ppm)	2012	13.92	0.0000	12.13	1.784	0.6591	16	1.01	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	15.65	0.0700	12.13	1.784	0.6591	16	1.97	15%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	15.90	2.200	12.13	1.784	0.6591	16	2.12	16%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	9.267	0.6200	12.02	1.397	0.3750	20	-1.97	11%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	10.60	0.1200	12.02	1.397	0.3750	20	-1.02	6%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	10.80	0.2000	12.02	1.397	0.3750	20	-0.88	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	11.00	0.0000	12.02	1.397	0.3750	20	-0.73	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	11.00	0.0000	12.02	1.397	0.3750	20	-0.73	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	11.05	0.9000	12.02	1.397	0.3750	20	-0.70	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	11.25	0.7000	12.02	1.397	0.3750	20	-0.55	3%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	11.38	0.4500	12.02	1.397	0.3750	20	-0.46	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	11.51	0.2200	12.02	1.397	0.3750	20	-0.37	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	11.60	0.2000	12.02	1.397	0.3750	20	-0.30	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	11.83	0.2600	12.02	1.397	0.3750	20	-0.14	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	11.90	0.4000	12.02	1.397	0.3750	20	-0.09	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	12.60	0.7700	12.02	1.397	0.3750	20	0.41	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	12.70	0.4000	12.02	1.397	0.3750	20	0.48	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	12.70	0.0000	12.02	1.397	0.3750	20	0.48	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	13.09	0.8960	12.02	1.397	0.3750	20	0.76	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	13.67	0.2000	12.02	1.397	0.3750	20	1.18	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	13.75	0.3000	12.02	1.397	0.3750	20	1.24	7%	0
022.42	Copper, ICP, Open vessel (ppm)	2375	14.00	0.0000	12.02	1.397	0.3750	20	1.41	8%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	14.41	0.8640	12.02	1.397	0.3750	20	1.70	10%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	16.40	2.400	12.02	1.397	0.3750	20	3.13	18%	1



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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022.43	Copper, ICP, Microwave (ppm)	0511	9.500	1.000	11.58	1.236	0.4806	23	-1.69	9%	0
022.43	Copper, ICP, Microwave (ppm)	0032	9.999	0.6030	11.58	1.236	0.4806	23	-1.28	7%	0
022.43	Copper, ICP, Microwave (ppm)	0407	10.46	1.494	11.58	1.236	0.4806	23	-0.91	5%	0
022.43	Copper, ICP, Microwave (ppm)	0297	10.50	1.000	11.58	1.236	0.4806	23	-0.88	5%	0
022.43	Copper, ICP, Microwave (ppm)	0083	10.65	0.1000	11.58	1.236	0.4806	23	-0.76	4%	0
022.43	Copper, ICP, Microwave (ppm)	0918	10.84	0.0400	11.58	1.236	0.4806	23	-0.60	3%	0
022.43	Copper, ICP, Microwave (ppm)	0723	10.97	0.3030	11.58	1.236	0.4806	23	-0.49	3%	0
022.43	Copper, ICP, Microwave (ppm)	2322	10.98	0.0800	11.58	1.236	0.4806	23	-0.49	3%	0
022.43	Copper, ICP, Microwave (ppm)	0510	11.00	0.0000	11.58	1.236	0.4806	23	-0.47	3%	0
022.43	Copper, ICP, Microwave (ppm)	0682	11.00	0.0000	11.58	1.236	0.4806	23	-0.47	3%	0
022.43	Copper, ICP, Microwave (ppm)	0017	11.14	2.594	11.58	1.236	0.4806	23	-0.36	2%	0
022.43	Copper, ICP, Microwave (ppm)	0964	11.15	0.1000	11.58	1.236	0.4806	23	-0.35	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	11.20	0.3200	11.58	1.236	0.4806	23	-0.31	2%	0
022.43	Copper, ICP, Microwave (ppm)	0035	12.00	0.0000	11.58	1.236	0.4806	23	0.34	2%	0
022.43	Copper, ICP, Microwave (ppm)	0169	12.30	0.2000	11.58	1.236	0.4806	23	0.58	3%	0
022.43	Copper, ICP, Microwave (ppm)	0202	12.35	1.700	11.58	1.236	0.4806	23	0.62	3%	0
022.43	Copper, ICP, Microwave (ppm)	0870	12.37	0.2400	11.58	1.236	0.4806	23	0.64	3%	0
022.43	Copper, ICP, Microwave (ppm)	2192	12.45	0.5000	11.58	1.236	0.4806	23	0.70	4%	0
022.43	Copper, ICP, Microwave (ppm)	0226	12.59	0.2900	11.58	1.236	0.4806	23	0.81	4%	0
022.43	Copper, ICP, Microwave (ppm)	0610	12.60	0.2000	11.58	1.236	0.4806	23	0.82	4%	0
022.43	Copper, ICP, Microwave (ppm)	2089	13.35	0.0700	11.58	1.236	0.4806	23	1.43	8%	0
022.43	Copper, ICP, Microwave (ppm)	0848	13.36	0.1800	11.58	1.236	0.4806	23	1.44	8%	0
022.43	Copper, ICP, Microwave (ppm)	0505	14.41	0.0400	11.58	1.236	0.4806	23	2.29	12%	0
022.43	Copper, ICP, Microwave (ppm)	0353	11.00	4.000	11.58	1.236	0.4806	23	-0.47	3%	1
022.44	Copper, ICP, Dry ash (ppm)	0164	11.00	0.0000				2			0
022.44	Copper, ICP, Dry ash (ppm)	0066	11.46	0.2500				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	12.20	0.0000				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	12.87	0.3400				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	10.64	0.3960				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	11.09	1.510				2			0
022.99	Copper, Miscellaneous (ppm)	0242	11.00	0.0000				3			0
022.99	Copper, Miscellaneous (ppm)	0123	11.85	0.3000				3			0
022.99	Copper, Miscellaneous (ppm)	0100	12.00	0.0000				3			0
025.31	Iron, AAS, Dry ash (ppm)	0038	1.745	0.0700	112.0	23.40	1.384	11	-4.71	49%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	80.83	0.3300	112.0	23.40	1.384	11	-1.33	14%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	101.3	6.030	112.0	23.40	1.384	11	-0.46	5%	0
025.31	Iron, AAS, Dry ash (ppm)	2246	103.1	0.0000	112.0	23.40	1.384	11	-0.38	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0656	107.3	0.0000	112.0	23.40	1.384	11	-0.20	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0921	114.7	0.0000	112.0	23.40	1.384	11	0.12	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	120.3	0.7988	112.0	23.40	1.384	11	0.36	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	126.6	5.000	112.0	23.40	1.384	11	0.62	7%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	128.2	0.0000	112.0	23.40	1.384	11	0.69	7%	0

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025.31	Iron, AAS, Dry ash (ppm)	0001	129.1	3.000	112.0	23.40	1.384	11	0.73	8%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	143.5	0.0000	112.0	23.40	1.384	11	1.35	14%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	96.20	0.0000	117.3	12.89	2.263	16	-1.64	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	104.2	1.200	117.3	12.89	2.263	16	-1.02	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	104.3	2.530	117.3	12.89	2.263	16	-1.01	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	105.8	2.735	117.3	12.89	2.263	16	-0.89	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	110.5	1.817	117.3	12.89	2.263	16	-0.53	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	112.5	1.900	117.3	12.89	2.263	16	-0.38	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	114.0	0.7400	117.3	12.89	2.263	16	-0.25	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	114.5	5.000	117.3	12.89	2.263	16	-0.22	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	116.6	0.4200	117.3	12.89	2.263	16	-0.05	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	120.7	0.6428	117.3	12.89	2.263	16	0.26	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	123.8	6.080	117.3	12.89	2.263	16	0.50	3%	0
025.41	Iron, ICP, Dry ash (ppm)	2012	126.0	0.0000	117.3	12.89	2.263	16	0.68	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	126.7	10.28	117.3	12.89	2.263	16	0.73	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	128.3	0.3800	117.3	12.89	2.263	16	0.85	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	134.3	0.9730	117.3	12.89	2.263	16	1.32	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	138.2	1.500	117.3	12.89	2.263	16	1.62	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	114.3	19.41	117.3	12.89	2.263	16	-0.23	1%	1
025.42	Iron, ICP, Open vessel (ppm)	0504	109.0	16.00	125.9	12.99	3.781	17	-1.30	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	112.1	8.180	125.9	12.99	3.781	17	-1.06	5%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	114.0	0.9000	125.9	12.99	3.781	17	-0.92	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	114.0	1.600	125.9	12.99	3.781	17	-0.92	5%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	115.5	5.000	125.9	12.99	3.781	17	-0.80	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	118.5	1.000	125.9	12.99	3.781	17	-0.57	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	119.1	0.9330	125.9	12.99	3.781	17	-0.53	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	123.5	1.000	125.9	12.99	3.781	17	-0.19	1%	0
025.42	Iron, ICP, Open vessel (ppm)	2375	125.0	2.000	125.9	12.99	3.781	17	-0.07	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	129.5	1.000	125.9	12.99	3.781	17	0.28	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	130.0	3.084	125.9	12.99	3.781	17	0.32	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	132.7	0.2940	125.9	12.99	3.781	17	0.52	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	133.3	0.1000	125.9	12.99	3.781	17	0.56	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	136.1	0.5000	125.9	12.99	3.781	17	0.78	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	138.7	8.690	125.9	12.99	3.781	17	0.98	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	144.5	9.000	125.9	12.99	3.781	17	1.43	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	166.5	5.000	125.9	12.99	3.781	17	3.12	16%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	130.0	26.00	125.9	12.99	3.781	17	0.31	2%	1
025.43	Iron, ICP, Microwave (ppm)	0723	96.29	0.0290	117.0	7.651	7.079	22	-2.71	9%	0
025.43	Iron, ICP, Microwave (ppm)	0169	104.5	1.000	117.0	7.651	7.079	22	-1.64	5%	0
025.43	Iron, ICP, Microwave (ppm)	0297	109.0	10.00	117.0	7.651	7.079	22	-1.05	3%	0
025.43	Iron, ICP, Microwave (ppm)	0511	109.0	6.000	117.0	7.651	7.079	22	-1.05	3%	0
025.43	Iron, ICP, Microwave (ppm)	0407	111.2	8.317	117.0	7.651	7.079	22	-0.76	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			
025.43	Iron, ICP, Microwave (ppm)	0083	112.4	1.300	117.0	7.651	7.079	22	-0.61	2%	0
025.43	Iron, ICP, Microwave (ppm)	2089	112.4	15.47	117.0	7.651	7.079	22	-0.60	2%	0
025.43	Iron, ICP, Microwave (ppm)	0870	112.7	2.500	117.0	7.651	7.079	22	-0.57	2%	0
025.43	Iron, ICP, Microwave (ppm)	0510	113.0	4.000	117.0	7.651	7.079	22	-0.52	2%	0
025.43	Iron, ICP, Microwave (ppm)	0032	118.4	3.000	117.0	7.651	7.079	22	0.18	1%	0
025.43	Iron, ICP, Microwave (ppm)	0682	118.6	0.0000	117.0	7.651	7.079	22	0.20	1%	0
025.43	Iron, ICP, Microwave (ppm)	2322	118.7	4.280	117.0	7.651	7.079	22	0.22	1%	0
025.43	Iron, ICP, Microwave (ppm)	0918	118.9	14.92	117.0	7.651	7.079	22	0.24	1%	0
025.43	Iron, ICP, Microwave (ppm)	0876	119.5	29.00	117.0	7.651	7.079	22	0.33	1%	0
025.43	Iron, ICP, Microwave (ppm)	0226	120.5	0.9500	117.0	7.651	7.079	22	0.45	1%	0
025.43	Iron, ICP, Microwave (ppm)	0964	120.5	3.000	117.0	7.651	7.079	22	0.46	1%	0
025.43	Iron, ICP, Microwave (ppm)	0017	121.1	12.86	117.0	7.651	7.079	22	0.53	2%	0
025.43	Iron, ICP, Microwave (ppm)	0610	122.0	4.000	117.0	7.651	7.079	22	0.65	2%	0
025.43	Iron, ICP, Microwave (ppm)	0035	123.5	5.000	117.0	7.651	7.079	22	0.85	3%	0
025.43	Iron, ICP, Microwave (ppm)	2192	125.0	6.000	117.0	7.651	7.079	22	1.04	3%	0
025.43	Iron, ICP, Microwave (ppm)	0505	134.0	4.100	117.0	7.651	7.079	22	2.21	7%	0
025.43	Iron, ICP, Microwave (ppm)	0353	134.0	20.00	117.0	7.651	7.079	22	2.22	7%	0
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	79.93	4.969				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	106.8	4.340				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	109.3	9.677				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	110.0	16.00				2			0
025.99	Iron, Miscellaneous (ppm)	0123	111.0	0.0000				3			0
025.99	Iron, Miscellaneous (ppm)	0242	115.5	1.000				3			0
025.99	Iron, Miscellaneous (ppm)	0100	143.0	32.00				3			0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.1241	0.0035	0.1325	0.0088	0.0027	8	-0.97	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.1250	0.0100	0.1325	0.0088	0.0027	8	-0.86	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.1281	0.0019	0.1325	0.0088	0.0027	8	-0.51	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.1300	0.0000	0.1325	0.0088	0.0027	8	-0.29	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.1300	0.0000	0.1325	0.0088	0.0027	8	-0.29	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.1370	0.0040	0.1325	0.0088	0.0027	8	0.51	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.1405	0.0020	0.1325	0.0088	0.0027	8	0.91	3%	0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.1541	0.0001	0.1325	0.0088	0.0027	8	2.46	8%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.0000	0.0000	0.1325	0.0088	0.0027	8			4
027.32	Magnesium, AAS, Open vessel (%)	0169	0.1250	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.1200	0.0000				1			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.1189	0.0034	0.1295	0.0080	0.0022	16	-1.33	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.1200	0.0000	0.1295	0.0080	0.0022	16	-1.19	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.1200	0.0000	0.1295	0.0080	0.0022	16	-1.19	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.1250	0.0100	0.1295	0.0080	0.0022	16	-0.57	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.1250	0.0100	0.1295	0.0080	0.0022	16	-0.57	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.1255	0.0030	0.1295	0.0080	0.0022	16	-0.50	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.1300	0.0000	0.1295	0.0080	0.0022	16	0.06	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 (%)	0226	0.1300	0.0000	0.1295	0.0080	0.0022	16	0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.1300	0.0000	0.1295	0.0080	0.0022	16	0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.1305	0.0030	0.1295	0.0080	0.0022	16	0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.1310	0.0020	0.1295	0.0080	0.0022	16	0.18	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.1320	0.0000	0.1295	0.0080	0.0022	16	0.31	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.1325	0.0010	0.1295	0.0080	0.0022	16	0.37	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.1390	0.0003	0.1295	0.0080	0.0022	16	1.18	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.1420	0.0020	0.1295	0.0080	0.0022	16	1.56	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.1435	0.0010	0.1295	0.0080	0.0022	16	1.75	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.1200	0.0200	0.1295	0.0080	0.0022	16	-1.19	4%	1
027.42	Magnesium, ICP, Open vessel (%)	2129	0.1180	0.0020	0.1324	0.0107	0.0033	20	-1.35	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.1200	0.0000	0.1324	0.0107	0.0033	20	-1.16	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.1200	0.0000	0.1324	0.0107	0.0033	20	-1.16	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.1239	0.0019	0.1324	0.0107	0.0033	20	-0.80	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.1250	0.0100	0.1324	0.0107	0.0033	20	-0.69	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.1250	0.0100	0.1324	0.0107	0.0033	20	-0.69	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.1270	0.0040	0.1324	0.0107	0.0033	20	-0.50	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.1300	0.0000	0.1324	0.0107	0.0033	20	-0.22	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.1300	0.0000	0.1324	0.0107	0.0033	20	-0.22	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.1300	0.0000	0.1324	0.0107	0.0033	20	-0.22	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.1300	0.0000	0.1324	0.0107	0.0033	20	-0.22	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.1330	0.0149	0.1324	0.0107	0.0033	20	0.05	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.1330	0.0000	0.1324	0.0107	0.0033	20	0.06	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.1386	0.0034	0.1324	0.0107	0.0033	20	0.58	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.1391	0.0042	0.1324	0.0107	0.0033	20	0.63	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.1400	0.0000	0.1324	0.0107	0.0033	20	0.71	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.1435	0.0030	0.1324	0.0107	0.0033	20	1.04	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2375	0.1450	0.0100	0.1324	0.0107	0.0033	20	1.18	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.1500	0.0000	0.1324	0.0107	0.0033	20	1.65	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.1515	0.0030	0.1324	0.0107	0.0033	20	1.79	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.1360	0.0220	0.1324	0.0107	0.0033	20	0.34	1%	1
027.43	Magnesium, ICP, Microwave (%)	0083	0.1200	0.0000	0.1310	0.0094	0.0034	21	-1.17	4%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.1200	0.0000	0.1310	0.0094	0.0034	21	-1.17	4%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.1200	0.0000	0.1310	0.0094	0.0034	21	-1.17	4%	0
027.43	Magnesium, ICP, Microwave (%)	2322	0.1200	0.0000	0.1310	0.0094	0.0034	21	-1.17	4%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.1218	0.0030	0.1310	0.0094	0.0034	21	-0.98	4%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.1234	0.0040	0.1310	0.0094	0.0034	21	-0.81	3%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.1250	0.0100	0.1310	0.0094	0.0034	21	-0.64	2%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.1291	0.0050	0.1310	0.0094	0.0034	21	-0.20	1%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.1300	0.0000	0.1310	0.0094	0.0034	21	-0.11	0%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.1300	0.0000	0.1310	0.0094	0.0034	21	-0.11	0%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.1300	0.0000	0.1310	0.0094	0.0034	21	-0.11	0%	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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027.43	Magnesium, ICP, Microwave (%)	0017	0.1319	0.0014	0.1310	0.0094	0.0034	21	0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0876	0.1345	0.0110	0.1310	0.0094	0.0034	21	0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.1350	0.0100	0.1310	0.0094	0.0034	21	0.42	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.1350	0.0100	0.1310	0.0094	0.0034	21	0.42	2%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.1355	0.0010	0.1310	0.0094	0.0034	21	0.48	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.1400	0.0000	0.1310	0.0094	0.0034	21	0.95	3%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.1400	0.0000	0.1310	0.0094	0.0034	21	0.95	3%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.1400	0.0000	0.1310	0.0094	0.0034	21	0.95	3%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.1454	0.0062	0.1310	0.0094	0.0034	21	1.53	5%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.1650	0.0100	0.1310	0.0094	0.0034	21	3.61	13%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.1500	0.0200	0.1310	0.0094	0.0034	21	2.02	7%	1
027.44	Magnesium, ICP, Dry ash (%)	0164	0.1285	0.0010				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.1256	0.0049				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.1260	0.0100				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.1379	0.0041				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.1368	0.0140				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.1450	0.0100				2			0
027.99	Magnesium, Miscellaneous (%)	0123	0.1250	0.0100				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.1300	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.1300	0.0000				3			0
028.31	Manganese, AAS, Dry ash (ppm)	0689	31.31	0.1200	47.15	4.803	1.612	9	-3.30	17%	0
028.31	Manganese, AAS, Dry ash (ppm)	2246	40.59	0.1824	47.15	4.803	1.612	9	-1.37	7%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	46.20	2.800	47.15	4.803	1.612	9	-0.20	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0656	46.73	0.0000	47.15	4.803	1.612	9	-0.09	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	49.50	2.370	47.15	4.803	1.612	9	0.49	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	49.69	0.0000	47.15	4.803	1.612	9	0.53	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	50.19	6.688	47.15	4.803	1.612	9	0.63	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	50.41	0.0000	47.15	4.803	1.612	9	0.68	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	51.13	2.350	47.15	4.803	1.612	9	0.83	4%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	51.00	1.000				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	42.01	2.490				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0619	41.50	3.800	47.02	3.785	2.219	16	-1.46	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	41.80	0.4500	47.02	3.785	2.219	16	-1.38	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	43.10	0.1824	47.02	3.785	2.219	16	-1.03	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	44.60	0.0300	47.02	3.785	2.219	16	-0.64	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	44.83	2.550	47.02	3.785	2.219	16	-0.58	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	45.50	7.160	47.02	3.785	2.219	16	-0.40	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	46.80	6.548	47.02	3.785	2.219	16	-0.06	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	46.90	4.740	47.02	3.785	2.219	16	-0.03	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	47.14	0.0000	47.02	3.785	2.219	16	0.03	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	47.21	0.9500	47.02	3.785	2.219	16	0.05	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	49.01	0.2208	47.02	3.785	2.219	16	0.53	2%	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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028.41	Manganese, ICP, Dry ash (ppm)	0171	49.11	0.3700	47.02	3.785	2.219	16	0.55	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	50.10	1.077	47.02	3.785	2.219	16	0.81	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	2012	50.76	1.750	47.02	3.785	2.219	16	0.99	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	51.93	2.420	47.02	3.785	2.219	16	1.30	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	52.03	3.250	47.02	3.785	2.219	16	1.32	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	41.59	1.470	49.33	4.871	1.948	20	-1.59	8%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	42.90	2.200	49.33	4.871	1.948	20	-1.32	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	43.86	0.3200	49.33	4.871	1.948	20	-1.12	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	44.12	0.2000	49.33	4.871	1.948	20	-1.07	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	45.00	0.0000	49.33	4.871	1.948	20	-0.89	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	47.25	4.500	49.33	4.871	1.948	20	-0.43	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	47.50	1.000	49.33	4.871	1.948	20	-0.38	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	48.50	1.000	49.33	4.871	1.948	20	-0.17	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	48.53	1.080	49.33	4.871	1.948	20	-0.16	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	49.00	4.200	49.33	4.871	1.948	20	-0.07	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	49.30	0.0090	49.33	4.871	1.948	20	0.00	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	50.25	2.900	49.33	4.871	1.948	20	0.19	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	50.50	5.000	49.33	4.871	1.948	20	0.24	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	51.02	1.340	49.33	4.871	1.948	20	0.35	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	53.28	1.072	49.33	4.871	1.948	20	0.81	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	2375	53.50	5.000	49.33	4.871	1.948	20	0.86	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	54.00	2.000	49.33	4.871	1.948	20	0.96	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	54.05	0.9000	49.33	4.871	1.948	20	0.97	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	55.93	2.860	49.33	4.871	1.948	20	1.36	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	56.05	1.900	49.33	4.871	1.948	20	1.38	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	57.43	17.95	49.33	4.871	1.948	20	1.66	8%	1
028.43	Manganese, ICP, Microwave (ppm)	0017	36.53	8.396	48.00	4.634	1.874	23	-2.47	12%	0
028.43	Manganese, ICP, Microwave (ppm)	2322	41.87	1.760	48.00	4.634	1.874	23	-1.32	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	42.83	1.010	48.00	4.634	1.874	23	-1.12	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	43.10	0.4000	48.00	4.634	1.874	23	-1.06	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	44.50	1.000	48.00	4.634	1.874	23	-0.75	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	44.60	1.200	48.00	4.634	1.874	23	-0.73	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0043	46.28	2.489	48.00	4.634	1.874	23	-0.37	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0876	46.88	3.150	48.00	4.634	1.874	23	-0.24	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	46.98	0.0403	48.00	4.634	1.874	23	-0.22	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	47.00	0.0000	48.00	4.634	1.874	23	-0.22	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	47.09	1.390	48.00	4.634	1.874	23	-0.20	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0723	47.29	0.0590	48.00	4.634	1.874	23	-0.15	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	47.90	1.200	48.00	4.634	1.874	23	-0.02	0%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	48.21	2.970	48.00	4.634	1.874	23	0.04	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	49.16	0.0000	48.00	4.634	1.874	23	0.25	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	49.37	1.080	48.00	4.634	1.874	23	0.30	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			
028.43	Manganese, ICP, Microwave (ppm)	0226	49.70	0.5600	48.00	4.634	1.874	23	0.37	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	49.70	0.2000	48.00	4.634	1.874	23	0.37	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0032	52.87	2.970	48.00	4.634	1.874	23	1.05	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	53.00	2.000	48.00	4.634	1.874	23	1.08	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	54.70	4.800	48.00	4.634	1.874	23	1.45	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	55.00	4.000	48.00	4.634	1.874	23	1.51	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	55.41	2.430	48.00	4.634	1.874	23	1.60	8%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	47.00	12.00	48.00	4.634	1.874	23	-0.22	1%	1
028.44	Manganese, ICP, Dry ash (ppm)	0066	36.87	0.9600				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	48.50	1.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	52.05	1.900				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	53.16	0.5800				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	48.86	1.440				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	50.51	7.136				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	51.55	1.300				3			0
028.99	Manganese, Miscellaneous (ppm)	0123	47.05	3.500				3			0
028.99	Manganese, Miscellaneous (ppm)	0242	49.00	4.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	52.00	2.000				3			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0145	0.0000				1			0
031.01	Phosphorus, Photometric (%)	0018	0.6685	0.0050	0.7347	0.0294	0.0081	28	-2.25	5%	0
031.01	Phosphorus, Photometric (%)	0142	0.6930	0.0346	0.7347	0.0294	0.0081	28	-1.42	3%	0
031.01	Phosphorus, Photometric (%)	0038	0.6975	0.0010	0.7347	0.0294	0.0081	28	-1.26	3%	0
031.01	Phosphorus, Photometric (%)	2192	0.7000	0.0000	0.7347	0.0294	0.0081	28	-1.18	2%	0
031.01	Phosphorus, Photometric (%)	0563	0.7038	0.0087	0.7347	0.0294	0.0081	28	-1.05	2%	0
031.01	Phosphorus, Photometric (%)	2340	0.7115	0.0130	0.7347	0.0294	0.0081	28	-0.79	2%	0
031.01	Phosphorus, Photometric (%)	0651	0.7200	0.0025	0.7347	0.0294	0.0081	28	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	0590	0.7200	0.0000	0.7347	0.0294	0.0081	28	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	0656	0.7200	0.0000	0.7347	0.0294	0.0081	28	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	2188	0.7200	0.0000	0.7347	0.0294	0.0081	28	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	2196	0.7200	0.0000	0.7347	0.0294	0.0081	28	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.7250	0.0500	0.7347	0.0294	0.0081	28	-0.33	1%	0
031.01	Phosphorus, Photometric (%)	0884	0.7300	0.0000	0.7347	0.0294	0.0081	28	-0.16	0%	0
031.01	Phosphorus, Photometric (%)	2190	0.7307	0.0053	0.7347	0.0294	0.0081	28	-0.14	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.7346	0.0006	0.7347	0.0294	0.0081	28	0.00	0%	0
031.01	Phosphorus, Photometric (%)	0622	0.7417	0.0027	0.7347	0.0294	0.0081	28	0.24	0%	0
031.01	Phosphorus, Photometric (%)	0939	0.7450	0.0100	0.7347	0.0294	0.0081	28	0.35	1%	0
031.01	Phosphorus, Photometric (%)	2325	0.7450	0.0100	0.7347	0.0294	0.0081	28	0.35	1%	0
031.01	Phosphorus, Photometric (%)	2109	0.7495	0.0010	0.7347	0.0294	0.0081	28	0.50	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.7500	0.0200	0.7347	0.0294	0.0081	28	0.52	1%	0
031.01	Phosphorus, Photometric (%)	2337	0.7500	0.0000	0.7347	0.0294	0.0081	28	0.52	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.7515	0.0010	0.7347	0.0294	0.0081	28	0.57	1%	0
031.01	Phosphorus, Photometric (%)	0881	0.7600	0.0260	0.7347	0.0294	0.0081	28	0.86	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			
031.01	Phosphorus, Photometric (%)	0885	0.7646	0.0057	0.7347	0.0294	0.0081	28	1.01	2%	0
031.01	Phosphorus, Photometric (%)	2193	0.7650	0.0100	0.7347	0.0294	0.0081	28	1.03	2%	0
031.01	Phosphorus, Photometric (%)	0948	0.7750	0.0100	0.7347	0.0294	0.0081	28	1.37	3%	0
031.01	Phosphorus, Photometric (%)	2246	0.7800	0.0000	0.7347	0.0294	0.0081	28	1.54	3%	0
031.01	Phosphorus, Photometric (%)	2181	0.7850	0.0100	0.7347	0.0294	0.0081	28	1.71	3%	0
031.01	Phosphorus, Photometric (%)	0529	0.6000	0.0800	0.7347	0.0294	0.0081	28	-4.58	9%	1
031.01	Phosphorus, Photometric (%)	0108	0.6550	0.0900	0.7347	0.0294	0.0081	28	-2.71	5%	1
031.03	Phosphorus, Autoanalyzer (%)	0169	0.7100	0.0200				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.7318	0.0085				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.8000	0.0000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.6800	0.0400	0.7246	0.0350	0.0193	20	-1.27	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.6835	0.0011	0.7246	0.0350	0.0193	20	-1.18	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.6850	0.0100	0.7246	0.0350	0.0193	20	-1.13	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.6850	0.0100	0.7246	0.0350	0.0193	20	-1.13	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.6900	0.1200	0.7246	0.0350	0.0193	20	-0.99	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.6950	0.0100	0.7246	0.0350	0.0193	20	-0.85	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	0.7100	0.0000	0.7246	0.0350	0.0193	20	-0.42	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.7100	0.0000	0.7246	0.0350	0.0193	20	-0.42	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.7160	0.0000	0.7246	0.0350	0.0193	20	-0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.7250	0.0100	0.7246	0.0350	0.0193	20	0.01	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0723	0.7350	0.0100	0.7246	0.0350	0.0193	20	0.30	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.7405	0.0130	0.7246	0.0350	0.0193	20	0.45	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.7417	0.0518	0.7246	0.0350	0.0193	20	0.49	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.7450	0.0300	0.7246	0.0350	0.0193	20	0.58	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.7450	0.0300	0.7246	0.0350	0.0193	20	0.58	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.7450	0.0100	0.7246	0.0350	0.0193	20	0.58	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.7550	0.0100	0.7246	0.0350	0.0193	20	0.87	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.7639	0.0117	0.7246	0.0350	0.0193	20	1.12	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.7649	0.0050	0.7246	0.0350	0.0193	20	1.15	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.7765	0.0130	0.7246	0.0350	0.0193	20	1.48	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.8175	0.1530	0.7246	0.0350	0.0193	20	2.66	6%	1
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.6617	0.0048	0.7471	0.0506	0.0243	22	-1.69	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.6825	0.0870	0.7471	0.0506	0.0243	22	-1.28	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.6850	0.0100	0.7471	0.0506	0.0243	22	-1.23	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.6920	0.0620	0.7471	0.0506	0.0243	22	-1.09	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.6950	0.0100	0.7471	0.0506	0.0243	22	-1.03	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.7030	0.0283	0.7471	0.0506	0.0243	22	-0.87	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.7215	0.0170	0.7471	0.0506	0.0243	22	-0.51	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.7340	0.0100	0.7471	0.0506	0.0243	22	-0.26	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.7376	0.0740	0.7471	0.0506	0.0243	22	-0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.7450	0.0100	0.7471	0.0506	0.0243	22	-0.04	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.7450	0.0560	0.7471	0.0506	0.0243	22	-0.04	0%	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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031.42	Phosphorus, ICP, Open vessel (%)	0357	0.7537	0.0054	0.7471	0.0506	0.0243	22	0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.7650	0.0100	0.7471	0.0506	0.0243	22	0.35	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.7660	0.0100	0.7471	0.0506	0.0243	22	0.37	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.7670	0.0400	0.7471	0.0506	0.0243	22	0.39	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.7750	0.0080	0.7471	0.0506	0.0243	22	0.55	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.7850	0.0300	0.7471	0.0506	0.0243	22	0.75	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.7900	0.0200	0.7471	0.0506	0.0243	22	0.85	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.7949	0.0018	0.7471	0.0506	0.0243	22	0.94	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.8000	0.0000	0.7471	0.0506	0.0243	22	1.05	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.8050	0.0100	0.7471	0.0506	0.0243	22	1.14	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2375	0.8350	0.0300	0.7471	0.0506	0.0243	22	1.74	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.6450	0.0100	0.7432	0.0428	0.0183	25	-2.29	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.6762	0.0077	0.7432	0.0428	0.0183	25	-1.56	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.7035	0.0010	0.7432	0.0428	0.0183	25	-0.93	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.7050	0.0100	0.7432	0.0428	0.0183	25	-0.89	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	0.7098	0.0595	0.7432	0.0428	0.0183	25	-0.78	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.7150	0.0300	0.7432	0.0428	0.0183	25	-0.66	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.7175	0.0036	0.7432	0.0428	0.0183	25	-0.60	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	0.7185	0.0024	0.7432	0.0428	0.0183	25	-0.58	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.7300	0.0400	0.7432	0.0428	0.0183	25	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.7300	0.0800	0.7432	0.0428	0.0183	25	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.7300	0.0000	0.7432	0.0428	0.0183	25	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.7350	0.0100	0.7432	0.0428	0.0183	25	-0.19	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.7375	0.0030	0.7432	0.0428	0.0183	25	-0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.7380	0.0120	0.7432	0.0428	0.0183	25	-0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.7400	0.0400	0.7432	0.0428	0.0183	25	-0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.7500	0.0000	0.7432	0.0428	0.0183	25	0.16	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.7550	0.0100	0.7432	0.0428	0.0183	25	0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.7626	0.0258	0.7432	0.0428	0.0183	25	0.45	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2322	0.7650	0.0100	0.7432	0.0428	0.0183	25	0.51	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	0.7700	0.0000	0.7432	0.0428	0.0183	25	0.63	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.7900	0.0200	0.7432	0.0428	0.0183	25	1.09	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.8014	0.0165	0.7432	0.0428	0.0183	25	1.36	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	0.8050	0.0100	0.7432	0.0428	0.0183	25	1.44	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.8051	0.0074	0.7432	0.0428	0.0183	25	1.45	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.8690	0.0487	0.7432	0.0428	0.0183	25	2.94	8%	0
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.6825	0.0190				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.7180	0.0060				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.7004	0.0290				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.7623	0.0192				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.7250	0.0100				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.7970	0.0269				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			
031.99	Phosphorus, Miscellaneous (%)	0100	0.7050	0.0100				3			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.7100	0.0000				3			0
031.99	Phosphorus, Miscellaneous (%)	0123	0.7550	0.0300				3			0
032.08	Potassium, Ion-selective electrode (%)	2188	1.660	0.0000				1			0
032.31	Potassium, AAS, Dry ash (%)	0142	2.305	0.0279	2.394	0.0945	0.0209	7	-0.94	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	2.310	0.0000	2.394	0.0945	0.0209	7	-0.89	2%	0
032.31	Potassium, AAS, Dry ash (%)	0529	2.320	0.1000	2.394	0.0945	0.0209	7	-0.78	2%	0
032.31	Potassium, AAS, Dry ash (%)	0563	2.419	0.0059	2.394	0.0945	0.0209	7	0.27	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	2.437	0.0090	2.394	0.0945	0.0209	7	0.45	1%	0
032.31	Potassium, AAS, Dry ash (%)	2246	2.448	0.0032	2.394	0.0945	0.0209	7	0.57	1%	0
032.31	Potassium, AAS, Dry ash (%)	0656	2.520	0.0000	2.394	0.0945	0.0209	7	1.33	3%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.965	0.2300	2.394	0.0945	0.0209	7	-4.54	9%	1
032.32	Potassium, AAS, Open vessel (%)	0169	1.820	0.0200				1			0
032.41	Potassium, ICP, Dry ash (%)	0019	2.135	0.0300	2.312	0.0772	0.0293	17	-2.29	4%	0
032.41	Potassium, ICP, Dry ash (%)	0407	2.158	0.0256	2.312	0.0772	0.0293	17	-1.99	3%	0
032.41	Potassium, ICP, Dry ash (%)	0674	2.240	0.0000	2.312	0.0772	0.0293	17	-0.93	2%	0
032.41	Potassium, ICP, Dry ash (%)	2012	2.270	0.0800	2.312	0.0772	0.0293	17	-0.55	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	2.285	0.0300	2.312	0.0772	0.0293	17	-0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0354	2.287	0.0040	2.312	0.0772	0.0293	17	-0.33	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	2.290	0.0000	2.312	0.0772	0.0293	17	-0.29	0%	0
032.41	Potassium, ICP, Dry ash (%)	0619	2.290	0.0000	2.312	0.0772	0.0293	17	-0.29	0%	0
032.41	Potassium, ICP, Dry ash (%)	0066	2.301	0.0450	2.312	0.0772	0.0293	17	-0.15	0%	0
032.41	Potassium, ICP, Dry ash (%)	0144	2.305	0.0300	2.312	0.0772	0.0293	17	-0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	2.325	0.0100	2.312	0.0772	0.0293	17	0.17	0%	0
032.41	Potassium, ICP, Dry ash (%)	0358	2.350	0.0600	2.312	0.0772	0.0293	17	0.49	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	2.364	0.0031	2.312	0.0772	0.0293	17	0.67	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	2.385	0.0100	2.312	0.0772	0.0293	17	0.94	2%	0
032.41	Potassium, ICP, Dry ash (%)	0229	2.385	0.1300	2.312	0.0772	0.0293	17	0.94	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	2.410	0.0200	2.312	0.0772	0.0293	17	1.27	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	2.448	0.0210	2.312	0.0772	0.0293	17	1.75	3%	0
032.41	Potassium, ICP, Dry ash (%)	0004	2.175	0.4100	2.312	0.0772	0.0293	17	-1.78	3%	1
032.42	Potassium, ICP, Open vessel (%)	2129	2.069	0.0330	2.372	0.1451	0.0494	19	-2.09	6%	0
032.42	Potassium, ICP, Open vessel (%)	0294	2.175	0.0300	2.372	0.1451	0.0494	19	-1.36	4%	0
032.42	Potassium, ICP, Open vessel (%)	0870	2.209	0.1060	2.372	0.1451	0.0494	19	-1.12	3%	0
032.42	Potassium, ICP, Open vessel (%)	0357	2.223	0.0011	2.372	0.1451	0.0494	19	-1.02	3%	0
032.42	Potassium, ICP, Open vessel (%)	0278	2.250	0.0200	2.372	0.1451	0.0494	19	-0.84	3%	0
032.42	Potassium, ICP, Open vessel (%)	0504	2.263	0.2210	2.372	0.1451	0.0494	19	-0.75	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	2.320	0.0200	2.372	0.1451	0.0494	19	-0.36	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	2.335	0.0100	2.372	0.1451	0.0494	19	-0.25	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	2.382	0.0150	2.372	0.1451	0.0494	19	0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0186	2.426	0.0633	2.372	0.1451	0.0494	19	0.37	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	2.429	0.0320	2.372	0.1451	0.0494	19	0.39	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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032.42	Potassium, ICP, Open vessel (%)	0009	2.437	0.0193	2.372	0.1451	0.0494	19	0.45	1%	0
032.42	Potassium, ICP, Open vessel (%)	0263	2.441	0.0070	2.372	0.1451	0.0494	19	0.47	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	2.450	0.0200	2.372	0.1451	0.0494	19	0.54	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	2.460	0.0000	2.372	0.1451	0.0494	19	0.61	2%	0
032.42	Potassium, ICP, Open vessel (%)	0366	2.480	0.1200	2.372	0.1451	0.0494	19	0.75	2%	0
032.42	Potassium, ICP, Open vessel (%)	0047	2.540	0.1000	2.372	0.1451	0.0494	19	1.16	4%	0
032.42	Potassium, ICP, Open vessel (%)	0726	2.540	0.0000	2.372	0.1451	0.0494	19	1.16	4%	0
032.42	Potassium, ICP, Open vessel (%)	2375	2.550	0.1200	2.372	0.1451	0.0494	19	1.23	4%	0
032.42	Potassium, ICP, Open vessel (%)	0042	2.060	0.3400	2.372	0.1451	0.0494	19	-2.15	7%	1
032.43	Potassium, ICP, Microwave (%)	2322	2.085	0.0300	2.274	0.0901	0.0400	22	-2.10	4%	0
032.43	Potassium, ICP, Microwave (%)	0032	2.119	0.0710	2.274	0.0901	0.0400	22	-1.72	3%	0
032.43	Potassium, ICP, Microwave (%)	0511	2.165	0.0100	2.274	0.0901	0.0400	22	-1.21	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	2.175	0.0100	2.274	0.0901	0.0400	22	-1.10	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	2.185	0.0300	2.274	0.0901	0.0400	22	-0.99	2%	0
032.43	Potassium, ICP, Microwave (%)	0870	2.212	0.0020	2.274	0.0901	0.0400	22	-0.69	1%	0
032.43	Potassium, ICP, Microwave (%)	0407	2.250	0.1248	2.274	0.0901	0.0400	22	-0.26	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	2.267	0.0180	2.274	0.0901	0.0400	22	-0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0083	2.270	0.0800	2.274	0.0901	0.0400	22	-0.04	0%	0
032.43	Potassium, ICP, Microwave (%)	2089	2.270	0.0400	2.274	0.0901	0.0400	22	-0.04	0%	0
032.43	Potassium, ICP, Microwave (%)	0036	2.271	0.0285	2.274	0.0901	0.0400	22	-0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0035	2.275	0.0300	2.274	0.0901	0.0400	22	0.01	0%	0
032.43	Potassium, ICP, Microwave (%)	0017	2.278	0.0834	2.274	0.0901	0.0400	22	0.04	0%	0
032.43	Potassium, ICP, Microwave (%)	0226	2.290	0.0400	2.274	0.0901	0.0400	22	0.18	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	2.310	0.0000	2.274	0.0901	0.0400	22	0.40	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	2.330	0.0265	2.274	0.0901	0.0400	22	0.62	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	2.335	0.0300	2.274	0.0901	0.0400	22	0.68	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	2.345	0.0100	2.274	0.0901	0.0400	22	0.79	2%	0
032.43	Potassium, ICP, Microwave (%)	0353	2.350	0.0200	2.274	0.0901	0.0400	22	0.84	2%	0
032.43	Potassium, ICP, Microwave (%)	0876	2.353	0.0050	2.274	0.0901	0.0400	22	0.87	2%	0
032.43	Potassium, ICP, Microwave (%)	0010	2.420	0.0800	2.274	0.0901	0.0400	22	1.62	3%	0
032.43	Potassium, ICP, Microwave (%)	0505	2.455	0.1100	2.274	0.0901	0.0400	22	2.01	4%	0
032.43	Potassium, ICP, Microwave (%)	0297	2.215	0.2500	2.274	0.0901	0.0400	22	-0.65	1%	1
032.44	Potassium, ICP, Dry ash (%)	0164	2.235	0.0100				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.972	0.0372				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	2.315	0.0500				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	2.396	0.0782				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	2.276	0.0130				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	2.390	0.0200				2			0
032.99	Potassium, Miscellaneous (%)	0242	2.165	0.0300	2.262	0.1033	0.1236	5			0
032.99	Potassium, Miscellaneous (%)	0100	2.205	0.1500	2.262	0.1033	0.1236	5			0
032.99	Potassium, Miscellaneous (%)	0590	2.205	0.2700	2.262	0.1033	0.1236	5			0
032.99	Potassium, Miscellaneous (%)	0123	2.320	0.1200	2.262	0.1033	0.1236	5			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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032.99	Potassium, Miscellaneous (%)	0001	2.415	0.0480	2.262	0.1033	0.1236	5			0
033.00	Salt as chloride, Sol Cl (%)	2188	1.170	0.0000	2.740	0.2508	0.0389	20	-6.26	29%	0
033.00	Salt as chloride, Sol Cl (%)	0366	1.575	0.0500	2.740	0.2508	0.0389	20	-4.64	21%	0
033.00	Salt as chloride, Sol Cl (%)	0675	2.430	0.0600	2.740	0.2508	0.0389	20	-1.23	6%	0
033.00	Salt as chloride, Sol Cl (%)	0539	2.540	0.0600	2.740	0.2508	0.0389	20	-0.80	4%	0
033.00	Salt as chloride, Sol Cl (%)	0885	2.601	0.0101	2.740	0.2508	0.0389	20	-0.55	3%	0
033.00	Salt as chloride, Sol Cl (%)	0884	2.640	0.0800	2.740	0.2508	0.0389	20	-0.40	2%	0
033.00	Salt as chloride, Sol Cl (%)	0511	2.645	0.0300	2.740	0.2508	0.0389	20	-0.38	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	2.710	0.0200	2.740	0.2508	0.0389	20	-0.12	1%	0
033.00	Salt as chloride, Sol Cl (%)	0921	2.714	0.0310	2.740	0.2508	0.0389	20	-0.10	0%	0
033.00	Salt as chloride, Sol Cl (%)	2196	2.730	0.0000	2.740	0.2508	0.0389	20	-0.04	0%	0
033.00	Salt as chloride, Sol Cl (%)	0693	2.737	0.0320	2.740	0.2508	0.0389	20	-0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	2009	2.764	0.0056	2.740	0.2508	0.0389	20	0.10	0%	0
033.00	Salt as chloride, Sol Cl (%)	0123	2.790	0.0200	2.740	0.2508	0.0389	20	0.20	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	2.813	0.0486	2.740	0.2508	0.0389	20	0.29	1%	0
033.00	Salt as chloride, Sol Cl (%)	0881	2.849	0.0990	2.740	0.2508	0.0389	20	0.43	2%	0
033.00	Salt as chloride, Sol Cl (%)	2190	2.855	0.0438	2.740	0.2508	0.0389	20	0.46	2%	0
033.00	Salt as chloride, Sol Cl (%)	2337	2.935	0.0100	2.740	0.2508	0.0389	20	0.78	4%	0
033.00	Salt as chloride, Sol Cl (%)	2193	3.085	0.0300	2.740	0.2508	0.0389	20	1.38	6%	0
033.00	Salt as chloride, Sol Cl (%)	2076	3.111	0.1480	2.740	0.2508	0.0389	20	1.48	7%	0
033.00	Salt as chloride, Sol Cl (%)	0674	3.440	0.0000	2.740	0.2508	0.0389	20	2.79	13%	0
033.00	Salt as chloride, Sol Cl (%)	0045	2.885	0.3300	2.740	0.2508	0.0389	20	0.58	3%	1
033.01	Salt as chloride, Poten Cl (%)	0229	2.605	0.1100	2.833	0.0801	0.0404	26	-2.85	4%	0
033.01	Salt as chloride, Poten Cl (%)	0407	2.699	0.0270	2.833	0.0801	0.0404	26	-1.68	2%	0
033.01	Salt as chloride, Poten Cl (%)	0100	2.705	0.0300	2.833	0.0801	0.0404	26	-1.60	2%	0
033.01	Salt as chloride, Poten Cl (%)	0510	2.720	0.0400	2.833	0.0801	0.0404	26	-1.42	2%	0
033.01	Salt as chloride, Poten Cl (%)	0948	2.775	0.0300	2.833	0.0801	0.0404	26	-0.73	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	2.780	0.0600	2.833	0.0801	0.0404	26	-0.67	1%	0
033.01	Salt as chloride, Poten Cl (%)	0028	2.785	0.0300	2.833	0.0801	0.0404	26	-0.60	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	2.788	0.0040	2.833	0.0801	0.0404	26	-0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	2375	2.800	0.0600	2.833	0.0801	0.0404	26	-0.42	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	2.810	0.0200	2.833	0.0801	0.0404	26	-0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	2.835	0.0300	2.833	0.0801	0.0404	26	0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0083	2.835	0.0300	2.833	0.0801	0.0404	26	0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	2.840	0.0000	2.833	0.0801	0.0404	26	0.08	0%	0
033.01	Salt as chloride, Poten Cl (%)	0186	2.842	0.1460	2.833	0.0801	0.0404	26	0.11	0%	0
033.01	Salt as chloride, Poten Cl (%)	2319	2.860	0.0310	2.833	0.0801	0.0404	26	0.33	0%	0
033.01	Salt as chloride, Poten Cl (%)	2190	2.865	0.0217	2.833	0.0801	0.0404	26	0.39	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	2.865	0.0300	2.833	0.0801	0.0404	26	0.39	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	2.865	0.0100	2.833	0.0801	0.0404	26	0.39	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	2.870	0.0400	2.833	0.0801	0.0404	26	0.46	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	2.880	0.0400	2.833	0.0801	0.0404	26	0.58	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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033.01	Salt as chloride, Poten Cl (%)	0019	2.885	0.0500	2.833	0.0801	0.0404	26	0.64	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	2.885	0.0500	2.833	0.0801	0.0404	26	0.64	1%	0
033.01	Salt as chloride, Poten Cl (%)	2146	2.910	0.0400	2.833	0.0801	0.0404	26	0.96	1%	0
033.01	Salt as chloride, Poten Cl (%)	2109	2.928	0.0710	2.833	0.0801	0.0404	26	1.17	2%	0
033.01	Salt as chloride, Poten Cl (%)	0278	2.985	0.0500	2.833	0.0801	0.0404	26	1.89	3%	0
033.01	Salt as chloride, Poten Cl (%)	0682	3.210	0.0000	2.833	0.0801	0.0404	26	4.70	7%	0
033.01	Salt as chloride, Poten Cl (%)	0619	2.750	0.4000	2.833	0.0801	0.0404	26	-1.04	1%	1
033.03	Salt as chloride, Quantab (%)	0190	1.180	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	0726	1.180	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	0265	1.350	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	0505	2.570	0.1400				3			2
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	2.745	0.1900				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	2.755	0.0500				2			0
033.99	Salt, Miscellaneous (%)	0358	2.255	0.0100	2.679	0.3667	0.0243	6	-1.16	8%	0
033.99	Salt, Miscellaneous (%)	0017	2.290	0.0408	2.679	0.3667	0.0243	6	-1.06	7%	0
033.99	Salt, Miscellaneous (%)	2129	2.790	0.0226	2.679	0.3667	0.0243	6	0.30	2%	0
033.99	Salt, Miscellaneous (%)	2073	2.845	0.0100	2.679	0.3667	0.0243	6	0.45	3%	0
033.99	Salt, Miscellaneous (%)	2181	2.880	0.0600	2.679	0.3667	0.0243	6	0.55	4%	0
033.99	Salt, Miscellaneous (%)	2246	3.013	0.0021	2.679	0.3667	0.0243	6	0.91	6%	0
033.99	Salt, Miscellaneous (%)	0650	2.785	0.2300	2.679	0.3667	0.0243	6	0.29	2%	1
034.01	Selenium, Total (Se), Fluor (ppm)	0038	0.5010	0.0740				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.4175	0.0950	0.4819	0.0573	0.0526	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	0.4652	0.0852	0.4819	0.0573	0.0526	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0171	0.4900	0.0200	0.4819	0.0573	0.0526	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.5550	0.0100	0.4819	0.0573	0.0526	4			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.4720	0.0160				2			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0619	0.8205	0.0210				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	0.4265	0.0070				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0505	0.6550	0.0100				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0032	0.6985	0.1050				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0964	< 1					3			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					3			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	0.5100	0.0100				2			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0047	0.7065	0.0090				2			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	0.4760	0.0600	0.6312	0.1502	0.0943	8	-1.03	12%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	0.5050	0.0900	0.6312	0.1502	0.0943	8	-0.84	10%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0610	0.5350	0.0100	0.6312	0.1502	0.0943	8	-0.64	8%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0560	0.5720	0.0320	0.6312	0.1502	0.0943	8	-0.39	5%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	0.6567	0.0374	0.6312	0.1502	0.0943	8	0.17	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0032	0.6985	0.1050	0.6312	0.1502	0.0943	8	0.45	5%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0939	0.7500	0.1000	0.6312	0.1502	0.0943	8	0.79	9%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0918	0.8800	0.3200	0.6312	0.1502	0.0943	8	1.66	20%	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			
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	0.8040	0.0000				1			0
035.01	Sodium, Ion-selective electrode (%)	2109	0.6100	0.0680				2			0
035.01	Sodium, Ion-selective electrode (%)	2188	0.9600	0.0000				2			0
035.05	Sodium, Flame Emission (%)	0108	1.005	0.1100				1			0
035.31	Sodium, AAS, Dry ash (%)	0622	0.6930	0.0178	0.9377	0.1141	0.0591	10	-2.14	13%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.8700	0.0000	0.9377	0.1141	0.0591	10	-0.59	4%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.8786	0.0009	0.9377	0.1141	0.0591	10	-0.52	3%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.9000	0.0000	0.9377	0.1141	0.0591	10	-0.33	2%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.9140	0.0000	0.9377	0.1141	0.0591	10	-0.21	1%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.9200	0.0000	0.9377	0.1141	0.0591	10	-0.16	1%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.9512	0.1044	0.9377	0.1141	0.0591	10	0.12	1%	0
035.31	Sodium, AAS, Dry ash (%)	2246	0.9896	0.0098	0.9377	0.1141	0.0591	10	0.46	3%	0
035.31	Sodium, AAS, Dry ash (%)	0948	1.093	0.1860	0.9377	0.1141	0.0591	10	1.36	8%	0
035.31	Sodium, AAS, Dry ash (%)	0529	1.094	0.2720	0.9377	0.1141	0.0591	10	1.37	8%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.7200	0.0200				1			0
035.41	Sodium, ICP, Dry ash (%)	0619	0.8590	0.0180	0.9120	0.0342	0.0139	18	-1.55	3%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.8603	0.0484	0.9120	0.0342	0.0139	18	-1.51	3%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.8855	0.0150	0.9120	0.0342	0.0139	18	-0.77	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.8863	0.0034	0.9120	0.0342	0.0139	18	-0.75	1%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.8900	0.0000	0.9120	0.0342	0.0139	18	-0.64	1%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.8950	0.0100	0.9120	0.0342	0.0139	18	-0.50	1%	0
035.41	Sodium, ICP, Dry ash (%)	0674	0.9000	0.0000	0.9120	0.0342	0.0139	18	-0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.9010	0.0000	0.9120	0.0342	0.0139	18	-0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.9050	0.0300	0.9120	0.0342	0.0139	18	-0.20	0%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.9095	0.0410	0.9120	0.0342	0.0139	18	-0.07	0%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.9200	0.0000	0.9120	0.0342	0.0139	18	0.24	0%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.9275	0.0190	0.9120	0.0342	0.0139	18	0.45	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.9300	0.0400	0.9120	0.0342	0.0139	18	0.53	1%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.9410	0.0020	0.9120	0.0342	0.0139	18	0.85	2%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.9450	0.0100	0.9120	0.0342	0.0139	18	0.97	2%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.9450	0.0100	0.9120	0.0342	0.0139	18	0.97	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.9500	0.0000	0.9120	0.0342	0.0139	18	1.11	2%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.9647	0.0041	0.9120	0.0342	0.0139	18	1.54	3%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.8400	0.1200	0.9120	0.0342	0.0139	18	-2.11	4%	1
035.42	Sodium, ICP, Open vessel (%)	0366	0.7385	0.0350	0.9164	0.0499	0.0198	18	-3.57	10%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.8450	0.0100	0.9164	0.0499	0.0198	18	-1.43	4%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.8450	0.0064	0.9164	0.0499	0.0198	18	-1.43	4%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.8610	0.0234	0.9164	0.0499	0.0198	18	-1.11	3%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.8910	0.0031	0.9164	0.0499	0.0198	18	-0.51	1%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.9025	0.0110	0.9164	0.0499	0.0198	18	-0.28	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.9060	0.0040	0.9164	0.0499	0.0198	18	-0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.9270	0.0520	0.9164	0.0499	0.0198	18	0.21	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			
035.42	Sodium, ICP, Open vessel (%)	0265	0.9300	0.0200	0.9164	0.0499	0.0198	18	0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.9300	0.0000	0.9164	0.0499	0.0198	18	0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.9300	0.0000	0.9164	0.0499	0.0198	18	0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.9320	0.0060	0.9164	0.0499	0.0198	18	0.31	1%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.9362	0.0320	0.9164	0.0499	0.0198	18	0.40	1%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.9480	0.0140	0.9164	0.0499	0.0198	18	0.63	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.9550	0.1100	0.9164	0.0499	0.0198	18	0.77	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.9650	0.0100	0.9164	0.0499	0.0198	18	0.97	3%	0
035.42	Sodium, ICP, Open vessel (%)	2375	0.9700	0.0200	0.9164	0.0499	0.0198	18	1.07	3%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.9800	0.0000	0.9164	0.0499	0.0198	18	1.28	3%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.8285	0.1510	0.9164	0.0499	0.0198	18	-1.76	5%	1
035.43	Sodium, ICP, Microwave (%)	0407	0.8393	0.0078	0.9037	0.0272	0.0132	22	-2.36	4%	0
035.43	Sodium, ICP, Microwave (%)	0032	0.8536	0.0611	0.9037	0.0272	0.0132	22	-1.84	3%	0
035.43	Sodium, ICP, Microwave (%)	0511	0.8650	0.0100	0.9037	0.0272	0.0132	22	-1.42	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.8750	0.0100	0.9037	0.0272	0.0132	22	-1.05	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.8845	0.0010	0.9037	0.0272	0.0132	22	-0.70	1%	0
035.43	Sodium, ICP, Microwave (%)	2322	0.8900	0.0200	0.9037	0.0272	0.0132	22	-0.50	1%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.8955	0.0230	0.9037	0.0272	0.0132	22	-0.30	0%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.9000	0.0000	0.9037	0.0272	0.0132	22	-0.13	0%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.9009	0.0160	0.9037	0.0272	0.0132	22	-0.10	0%	0
035.43	Sodium, ICP, Microwave (%)	0876	0.9035	0.0130	0.9037	0.0272	0.0132	22	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.9039	0.0070	0.9037	0.0272	0.0132	22	0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0723	0.9044	0.0115	0.9037	0.0272	0.0132	22	0.02	0%	0
035.43	Sodium, ICP, Microwave (%)	0027	0.9050	0.0040	0.9037	0.0272	0.0132	22	0.05	0%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.9050	0.0100	0.9037	0.0272	0.0132	22	0.05	0%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.9050	0.0100	0.9037	0.0272	0.0132	22	0.05	0%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.9236	0.0053	0.9037	0.0272	0.0132	22	0.73	1%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.9249	0.0113	0.9037	0.0272	0.0132	22	0.78	1%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.9250	0.0100	0.9037	0.0272	0.0132	22	0.78	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.9250	0.0100	0.9037	0.0272	0.0132	22	0.78	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.9300	0.0200	0.9037	0.0272	0.0132	22	0.97	1%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.9600	0.0200	0.9037	0.0272	0.0132	22	2.07	3%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.9950	0.0100	0.9037	0.0272	0.0132	22	3.35	5%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.9650	0.1300	0.9037	0.0272	0.0132	22	2.25	3%	1
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.8690	0.0363				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.9429	0.0333				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.8829	0.0064				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.9100	0.0200				2			0
035.99	Sodium, Miscellaneous (%)	0242	0.8650	0.0300				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.8750	0.0500				3			0
035.99	Sodium, Miscellaneous (%)	0123	0.9300	0.0400				3			0
036.00	Sulfur, Gravimetric (%)	0038	0.3360	0.0040				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			
036.04	Sulfur, LECO (%)	0948	0.3056	0.0048	0.3414	0.0240	0.0106	6	-1.49	5%	0
036.04	Sulfur, LECO (%)	0610	0.3350	0.0100	0.3414	0.0240	0.0106	6	-0.27	1%	0
036.04	Sulfur, LECO (%)	0229	0.3400	0.0200	0.3414	0.0240	0.0106	6	-0.06	0%	0
036.04	Sulfur, LECO (%)	0148	0.3445	0.0030	0.3414	0.0240	0.0106	6	0.13	0%	0
036.04	Sulfur, LECO (%)	0001	0.3460	0.0060	0.3414	0.0240	0.0106	6	0.19	1%	0
036.04	Sulfur, LECO (%)	0226	0.3900	0.0200	0.3414	0.0240	0.0106	6	2.02	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.2150	0.0100	0.3303	0.0366	0.0097	20	-3.15	17%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2565	0.0228	0.3303	0.0366	0.0097	20	-2.02	11%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.2965	0.0370	0.3303	0.0366	0.0097	20	-0.92	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3000	0.0200	0.3303	0.0366	0.0097	20	-0.83	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.3000	0.0000	0.3303	0.0366	0.0097	20	-0.83	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.3100	0.0000	0.3303	0.0366	0.0097	20	-0.55	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.3136	0.0151	0.3303	0.0366	0.0097	20	-0.46	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.3137	0.0059	0.3303	0.0366	0.0097	20	-0.46	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.3200	0.0000	0.3303	0.0366	0.0097	20	-0.28	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3290	0.0180	0.3303	0.0366	0.0097	20	-0.04	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.3350	0.0100	0.3303	0.0366	0.0097	20	0.13	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3400	0.0000	0.3303	0.0366	0.0097	20	0.26	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.3464	0.0079	0.3303	0.0366	0.0097	20	0.44	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3500	0.0200	0.3303	0.0366	0.0097	20	0.54	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3505	0.0050	0.3303	0.0366	0.0097	20	0.55	3%	0
036.42	Sulfur, ICP, Open vessel (%)	2375	0.3550	0.0100	0.3303	0.0366	0.0097	20	0.67	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.3650	0.0020	0.3303	0.0366	0.0097	20	0.95	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3656	0.0075	0.3303	0.0366	0.0097	20	0.96	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3800	0.0000	0.3303	0.0366	0.0097	20	1.36	8%	0
036.42	Sulfur, ICP, Open vessel (%)	2055	0.3991	0.0023	0.3303	0.0366	0.0097	20	1.88	10%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.3014	0.0105	0.3522	0.0267	0.0139	17	-1.90	7%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.3150	0.0100	0.3522	0.0267	0.0139	17	-1.39	5%	0
036.43	Sulfur, ICP, Microwave (%)	0876	0.3260	0.0160	0.3522	0.0267	0.0139	17	-0.98	4%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.3300	0.0200	0.3522	0.0267	0.0139	17	-0.83	3%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.3414	0.0005	0.3522	0.0267	0.0139	17	-0.41	2%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.3450	0.0100	0.3522	0.0267	0.0139	17	-0.27	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.3450	0.0100	0.3522	0.0267	0.0139	17	-0.27	1%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3500	0.0200	0.3522	0.0267	0.0139	17	-0.08	0%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3500	0.0000	0.3522	0.0267	0.0139	17	-0.08	0%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.3550	0.0100	0.3522	0.0267	0.0139	17	0.11	0%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.3595	0.0190	0.3522	0.0267	0.0139	17	0.27	1%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.3603	0.0290	0.3522	0.0267	0.0139	17	0.30	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.3650	0.0100	0.3522	0.0267	0.0139	17	0.48	2%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.3725	0.0049	0.3522	0.0267	0.0139	17	0.76	3%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3759	0.0170	0.3522	0.0267	0.0139	17	0.89	3%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.4080	0.0100	0.3522	0.0267	0.0139	17	2.09	8%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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036.43	Sulfur, ICP, Microwave (%)	0505	0.4600	0.0400	0.3522	0.0267	0.0139	17	4.04	15%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.5400	0.1200	0.3522	0.0267	0.0139	17	7.04	27%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3652	0.0254				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.3200	0.0000				1			0
037.31	Zinc, AAS, Dry ash (ppm)	0689	55.61	1.210	60.56	2.717	1.087	8	-1.82	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	2246	58.54	0.0880	60.56	2.717	1.087	8	-0.74	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0656	59.91	0.0000	60.56	2.717	1.087	8	-0.24	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	60.63	0.4900	60.56	2.717	1.087	8	0.02	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	60.69	1.729	60.56	2.717	1.087	8	0.05	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	61.68	3.980	60.56	2.717	1.087	8	0.41	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	61.90	1.200	60.56	2.717	1.087	8	0.49	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	65.35	0.0000	60.56	2.717	1.087	8	1.76	4%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	103.2	11.70				1			0
037.33	Zinc, AAS, Microwave (ppm)	0010	61.10	2.400				2			0
037.33	Zinc, AAS, Microwave (ppm)	0948	63.96	0.6600				2			0
037.34	Zinc, AAS, Dry ash (ppm)	2188	68.03	0.0000				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0358	55.10	2.930	62.78	4.545	2.284	17	-1.69	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	58.02	0.9335	62.78	4.545	2.284	17	-1.05	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	58.33	0.0800	62.78	4.545	2.284	17	-0.98	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	58.79	0.0000	62.78	4.545	2.284	17	-0.88	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	59.34	1.700	62.78	4.545	2.284	17	-0.76	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	59.56	0.1500	62.78	4.545	2.284	17	-0.71	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	61.26	2.630	62.78	4.545	2.284	17	-0.33	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	61.69	4.570	62.78	4.545	2.284	17	-0.24	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	2012	62.79	0.0000	62.78	4.545	2.284	17	0.00	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	64.46	0.9540	62.78	4.545	2.284	17	0.37	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	64.88	0.7800	62.78	4.545	2.284	17	0.46	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	65.45	6.100	62.78	4.545	2.284	17	0.59	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	65.81	0.8500	62.78	4.545	2.284	17	0.67	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	66.74	6.240	62.78	4.545	2.284	17	0.87	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	66.93	0.2500	62.78	4.545	2.284	17	0.91	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	67.63	9.357	62.78	4.545	2.284	17	1.07	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	71.96	1.304	62.78	4.545	2.284	17	2.02	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	51.02	1.320	62.91	7.021	3.267	20	-1.69	9%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	54.50	3.000	62.91	7.021	3.267	20	-1.20	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	55.00	0.0000	62.91	7.021	3.267	20	-1.13	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	56.26	0.0700	62.91	7.021	3.267	20	-0.95	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	58.10	4.200	62.91	7.021	3.267	20	-0.69	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	58.86	1.484	62.91	7.021	3.267	20	-0.58	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	58.95	3.500	62.91	7.021	3.267	20	-0.56	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	61.95	10.10	62.91	7.021	3.267	20	-0.14	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	62.24	2.150	62.91	7.021	3.267	20	-0.10	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.42	Zinc, ICP, Open vessel (ppm)	0263	62.27	0.1900	62.91	7.021	3.267	20	-0.09	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	63.30	4.600	62.91	7.021	3.267	20	0.06	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	64.02	6.792	62.91	7.021	3.267	20	0.16	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	64.50	3.000	62.91	7.021	3.267	20	0.23	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	2375	64.50	5.000	62.91	7.021	3.267	20	0.23	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	64.65	1.100	62.91	7.021	3.267	20	0.25	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	68.61	2.200	62.91	7.021	3.267	20	0.81	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	70.60	7.400	62.91	7.021	3.267	20	1.10	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	70.65	4.900	62.91	7.021	3.267	20	1.10	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	80.20	1.600	62.91	7.021	3.267	20	2.46	14%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	90.23	2.740	62.91	7.021	3.267	20	3.89	22%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	51.25	3.220	62.47	7.332	3.133	26	-1.53	9%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	53.00	8.000	62.47	7.332	3.133	26	-1.29	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	53.60	1.600	62.47	7.332	3.133	26	-1.21	7%	0
037.43	Zinc, ICP, Microwave (ppm)	2322	53.73	3.350	62.47	7.332	3.133	26	-1.19	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	56.50	1.000	62.47	7.332	3.133	26	-0.81	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	57.75	0.9000	62.47	7.332	3.133	26	-0.64	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	57.75	1.300	62.47	7.332	3.133	26	-0.64	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	58.42	0.5600	62.47	7.332	3.133	26	-0.55	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	58.89	3.070	62.47	7.332	3.133	26	-0.49	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	59.32	0.0400	62.47	7.332	3.133	26	-0.43	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	59.50	1.000	62.47	7.332	3.133	26	-0.41	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	62.17	2.722	62.47	7.332	3.133	26	-0.04	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	62.27	0.0000	62.47	7.332	3.133	26	-0.03	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0723	62.45	7.289	62.47	7.332	3.133	26	0.00	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0876	63.20	3.400	62.47	7.332	3.133	26	0.10	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0032	63.88	12.24	62.47	7.332	3.133	26	0.19	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	63.91	1.290	62.47	7.332	3.133	26	0.20	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	64.84	5.040	62.47	7.332	3.133	26	0.32	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	66.40	1.325	62.47	7.332	3.133	26	0.54	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	66.93	7.150	62.47	7.332	3.133	26	0.61	4%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	68.05	0.7000	62.47	7.332	3.133	26	0.76	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	68.74	2.290	62.47	7.332	3.133	26	0.85	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	71.55	1.700	62.47	7.332	3.133	26	1.24	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	73.00	0.0000	62.47	7.332	3.133	26	1.44	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0043	78.14	9.267	62.47	7.332	3.133	26	2.14	13%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	83.50	3.000	62.47	7.332	3.133	26	2.87	17%	0
037.44	Zinc, ICP, Dry ash (ppm)	0066	50.00	1.030				2			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	58.00	2.000				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	48.89	2.080				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	68.55	2.900				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	56.69	8.545				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			
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	59.53	2.390				2			0
037.99	Zinc, Miscellaneous (ppm)	0123	56.05	3.300				3			0
037.99	Zinc, Miscellaneous (ppm)	0242	56.50	3.000				3			0
037.99	Zinc, Miscellaneous (ppm)	0100	61.50	1.000				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	0.5800	0.0000	0.6401	0.0586	0.0342	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	0.6019	0.0219	0.6401	0.0586	0.0342	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	0.6750	0.0500	0.6401	0.0586	0.0342	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0148	0.7035	0.0650	0.6401	0.0586	0.0342	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	0.5500	0.1000				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	0.6900	0.0400				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0366	0.7000	0.2000				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	1.615	0.4300				3			2
038.43	Molybdenum, ICP, Microwave (ppm)	0297	0.4500	0.1000	0.6124	0.1336	0.0537	6	-1.22	13%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	0.5000	0.0000	0.6124	0.1336	0.0537	6	-0.84	9%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	0.5891	0.0171	0.6124	0.1336	0.0537	6	-0.17	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	0.7000	0.0000	0.6124	0.1336	0.0537	6	0.66	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	0.7150	0.0300	0.6124	0.1336	0.0537	6	0.77	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0032	0.7205	0.1750	0.6124	0.1336	0.0537	6	0.81	9%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0047	0.5195	0.0570				2			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	0.7200	0.0000				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	0.6074	0.0113				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	0.6720	0.0480				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0918	0.7850	0.0300				3			0
038.99	Molybdenum, Miscellaneous (ppm)	0123	0.7900	0.0600				1			0
040.43	Barium, ICP, Microwave (ppm)	0032	0.2600	0.0460				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	0.2343	0.0044				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.0476	0.0022				1			0
042.00	Chloride, Titrimetric (%)	0619	1.600	0.3800				3			0
042.00	Chloride, Titrimetric (%)	0948	1.685	0.0100				3			0
042.00	Chloride, Titrimetric (%)	0226	1.745	0.0300				3			0
042.01	Chloride, Ion-selective electrode (%)	2188	0.7100	0.0000				1			0
042.99	Chloride, Miscellaneous (%)	0297	1.840	0.0000				1			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	3,420	80.00				1			0
102.01	Niacin, Microbiological (ppm)	0227	26.40	0.6000				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	64.10	3.200				1			0
104.03	Riboflavin, LC (ppm)	0227	23.70	0.8000				1			0
105.00	Thiamine, LC (ppm)	0227	6.085	0.0700				1			0
106.00	Vitamin A, Color (KU / kg)	0227	61.05	1.300				1			0
106.02	Vitamin A, LC (KU / kg)	0004	36.84	6.790	62.50	11.61	3.870	11	-2.21	21%	0
106.02	Vitamin A, LC (KU / kg)	0619	55.00	3.600	62.50	11.61	3.870	11	-0.65	6%	0
106.02	Vitamin A, LC (KU / kg)	0563	56.58	0.6807	62.50	11.61	3.870	11	-0.51	5%	0
106.02	Vitamin A, LC (KU / kg)	0610	57.40	7.800	62.50	11.61	3.870	11	-0.44	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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106.02	Vitamin A, LC (KU / kg)	2319	57.70	7.800	62.50	11.61	3.870	11	-0.41	4%	0
106.02	Vitamin A, LC (KU / kg)	0921	58.66	0.0000	62.50	11.61	3.870	11	-0.33	3%	0
106.02	Vitamin A, LC (KU / kg)	2103	60.53	1.703	62.50	11.61	3.870	11	-0.17	2%	0
106.02	Vitamin A, LC (KU / kg)	0689	71.80	4.800	62.50	11.61	3.870	11	0.80	7%	0
106.02	Vitamin A, LC (KU / kg)	0148	72.10	1.830	62.50	11.61	3.870	11	0.83	8%	0
106.02	Vitamin A, LC (KU / kg)	0027	72.74	0.9630	62.50	11.61	3.870	11	0.88	8%	0
106.02	Vitamin A, LC (KU / kg)	0010	81.80	6.600	62.50	11.61	3.870	11	1.66	15%	0
107.00	Vitamin B12, Microbiological (ppb)	0227	145.5	3.000				1			0
107.99	Vitamin B12, Miscellaneous (ppb)	0160	475.0	50.00				1			0
108.02	Vitamin D3, LC (KU / kg)	0227	13.70	0.4000	20.69	4.890	0.9480	5			0
108.02	Vitamin D3, LC (KU / kg)	0610	18.75	1.300	20.69	4.890	0.9480	5			0
108.02	Vitamin D3, LC (KU / kg)	0619	20.35	0.1000	20.69	4.890	0.9480	5			0
108.02	Vitamin D3, LC (KU / kg)	2319	25.05	1.300	20.69	4.890	0.9480	5			0
108.02	Vitamin D3, LC (KU / kg)	2103	25.58	1.640	20.69	4.890	0.9480	5			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	19.15	1.300				1			0
109.02	Vitamin E, LC (IU / kg)	0027	187.1	15.60	425.7	93.64	18.71	11	-2.55	28%	0
109.02	Vitamin E, LC (IU / kg)	2188	330.5	0.0000	425.7	93.64	18.71	11	-1.02	11%	0
109.02	Vitamin E, LC (IU / kg)	0610	352.0	34.00	425.7	93.64	18.71	11	-0.79	9%	0
109.02	Vitamin E, LC (IU / kg)	2193	384.3	14.10	425.7	93.64	18.71	11	-0.44	5%	0
109.02	Vitamin E, LC (IU / kg)	0098	414.0	22.00	425.7	93.64	18.71	11	-0.13	1%	0
109.02	Vitamin E, LC (IU / kg)	0619	432.5	15.00	425.7	93.64	18.71	11	0.07	1%	0
109.02	Vitamin E, LC (IU / kg)	2319	470.3	42.90	425.7	93.64	18.71	11	0.48	5%	0
109.02	Vitamin E, LC (IU / kg)	0921	471.0	0.0000	425.7	93.64	18.71	11	0.48	5%	0
109.02	Vitamin E, LC (IU / kg)	0227	473.5	39.00	425.7	93.64	18.71	11	0.51	6%	0
109.02	Vitamin E, LC (IU / kg)	0148	503.4	0.1650	425.7	93.64	18.71	11	0.83	9%	0
109.02	Vitamin E, LC (IU / kg)	0563	608.6	23.10	425.7	93.64	18.71	11	1.95	21%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	437.0	2.000				1			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	522.5	25.00				1			0
111.98	Vitamin C, Ascorbic Acid, Miscellaneous (ppm)	0160	444.5	27.00				1			0
113.01	Folic Acid, Micro (ppm)	0227	9.230	1.200				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.3545	0.0170				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0407	0.1925	0.0550				2			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	0.9300	0.0400				2			0
115.99	Non Protein N (NPN), Miscellaneous (%)	2129	3.012	0.0920				1			0
118.01	Peroxide value, Titrimetric Method (meq/kg)	2192	3.635	0.5500				2			0
118.01	Peroxide value, Titrimetric Method (meq/kg)	0921	24.68	0.0000				2			0
118.01	Peroxide value, Titrimetric Method (meq/kg)	0619	0.0000	0.0000				2			4
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.7681	0.0037	0.8564	0.0437	0.0119	14	-2.02	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.8065	0.0030	0.8564	0.0437	0.0119	14	-1.14	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.8150	0.0100	0.8564	0.0437	0.0119	14	-0.95	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.8200	0.0400	0.8564	0.0437	0.0119	14	-0.83	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.8250	0.0300	0.8564	0.0437	0.0119	14	-0.72	2%	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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120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.8520	0.0120	0.8564	0.0437	0.0119	14	-0.10	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.8615	0.0054	0.8564	0.0437	0.0119	14	0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.8722	0.0158	0.8564	0.0437	0.0119	14	0.36	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0723	0.8774	0.0042	0.8564	0.0437	0.0119	14	0.48	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.8800	0.0000	0.8564	0.0437	0.0119	14	0.54	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.8840	0.0020	0.8564	0.0437	0.0119	14	0.63	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.8950	0.0000	0.8564	0.0437	0.0119	14	0.88	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.8950	0.0100	0.8564	0.0437	0.0119	14	0.88	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.9150	0.0300	0.8564	0.0437	0.0119	14	1.34	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	2.055	0.0700	0.8564	0.0437	0.0119	14	27.45	70%	2
120.02	Alanine, Post-col OPA Der (%)	0098	0.7925	0.0030				1			0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.7725	0.0410	0.8450	0.0613	0.0108	7	-1.18	4%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.7950	0.0000	0.8450	0.0613	0.0108	7	-0.82	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.8245	0.0026	0.8450	0.0613	0.0108	7	-0.33	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.8570	0.0000	0.8450	0.0613	0.0108	7	0.20	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.8625	0.0010	0.8450	0.0613	0.0108	7	0.29	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2193	0.8665	0.0210	0.8450	0.0613	0.0108	7	0.35	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	1.165	0.0100	0.8450	0.0613	0.0108	7	5.22	19%	0
120.99	Alanine, Miscellaneous (%)	0227	0.9100	0.0000				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.3471	0.0000	0.4207	0.0241	0.0106	14	-3.05	9%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.3950	0.0500	0.4207	0.0241	0.0106	14	-1.07	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.3954	0.0056	0.4207	0.0241	0.0106	14	-1.05	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	0.4000	0.0000	0.4207	0.0241	0.0106	14	-0.86	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.4115	0.0010	0.4207	0.0241	0.0106	14	-0.38	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.4150	0.0100	0.4207	0.0241	0.0106	14	-0.24	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.4235	0.0070	0.4207	0.0241	0.0106	14	0.12	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.4250	0.0100	0.4207	0.0241	0.0106	14	0.18	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.4300	0.0000	0.4207	0.0241	0.0106	14	0.38	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.4340	0.0020	0.4207	0.0241	0.0106	14	0.55	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.4358	0.0128	0.4207	0.0241	0.0106	14	0.63	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0723	0.4384	0.0004	0.4207	0.0241	0.0106	14	0.73	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	0.4450	0.0100	0.4207	0.0241	0.0106	14	1.01	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	0.9100	0.0400	0.4207	0.0241	0.0106	14	20.28	58%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	219.7	438.6	0.4207	0.0241	0.0106	14	9090.74	26063%	2
121.02	Arginine, Post-col OPA Der (%)	0098	0.4065	0.0090				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.3610	0.0020	0.3993	0.0384	0.0017	6	-1.00	5%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.3710	0.0000	0.3993	0.0384	0.0017	6	-0.74	4%	0
121.05	Arginine, Pre-col AQC Der (%)	2193	0.3875	0.0030	0.3993	0.0384	0.0017	6	-0.31	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.3995	0.0050	0.3993	0.0384	0.0017	6	0.00	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.4270	0.0000	0.3993	0.0384	0.0017	6	0.72	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	0.4500	0.0000	0.3993	0.0384	0.0017	6	1.32	6%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	0.5024	0.0246	0.3993	0.0384	0.0017	6	2.68	13%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
121.99	Arginine, Miscellaneous (%)	0227	0.4150	0.0100				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.612	0.0172	1.854	0.0860	0.0279	14	-2.81	7%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.730	0.1000	1.854	0.0860	0.0279	14	-1.44	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.786	0.1024	1.854	0.0860	0.0279	14	-0.79	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.805	0.0050	1.854	0.0860	0.0279	14	-0.57	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.837	0.0170	1.854	0.0860	0.0279	14	-0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.850	0.0200	1.854	0.0860	0.0279	14	-0.05	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.855	0.0100	1.854	0.0860	0.0279	14	0.01	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.855	0.0300	1.854	0.0860	0.0279	14	0.01	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.868	0.0020	1.854	0.0860	0.0279	14	0.16	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0723	1.885	0.0034	1.854	0.0860	0.0279	14	0.37	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.886	0.0341	1.854	0.0860	0.0279	14	0.38	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.945	0.0100	1.854	0.0860	0.0279	14	1.06	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.945	0.0300	1.854	0.0860	0.0279	14	1.06	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	2.075	0.0100	1.854	0.0860	0.0279	14	2.57	6%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	4.985	0.0100	1.854	0.0860	0.0279	14	36.42	84%	2
122.02	Aspartic, Post-col OPA Der (%)	0098	1.835	0.0020				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.617	0.0300	1.802	0.1561	0.0394	7	-1.19	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	2193	1.682	0.1510	1.802	0.1561	0.0394	7	-0.77	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	1.697	0.0645	1.802	0.1561	0.0394	7	-0.68	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.820	0.0000	1.802	0.1561	0.0394	7	0.12	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.900	0.0000	1.802	0.1561	0.0394	7	0.63	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.935	0.0300	1.802	0.1561	0.0394	7	0.85	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.964	0.0000	1.802	0.1561	0.0394	7	1.04	4%	0
122.99	Aspartic, Miscellaneous (%)	0227	1.945	0.0100				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.3348	0.0056	0.3995	0.0250	0.0111	15	-2.59	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0171	0.3550	0.0100	0.3995	0.0250	0.0111	15	-1.78	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0684	0.3800	0.0000	0.3995	0.0250	0.0111	15	-0.78	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0723	0.3807	0.0002	0.3995	0.0250	0.0111	15	-0.75	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.3925	0.0010	0.3995	0.0250	0.0111	15	-0.28	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.3950	0.0020	0.3995	0.0250	0.0111	15	-0.18	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.3950	0.0300	0.3995	0.0250	0.0111	15	-0.18	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.4000	0.0080	0.3995	0.0250	0.0111	15	0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0939	0.4050	0.0100	0.3995	0.0250	0.0111	15	0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.4096	0.0235	0.3995	0.0250	0.0111	15	0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	0.4132	0.0116	0.3995	0.0250	0.0111	15	0.55	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.4150	0.0100	0.3995	0.0250	0.0111	15	0.62	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.4150	0.0100	0.3995	0.0250	0.0111	15	0.62	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0619	0.4305	0.0150	0.3995	0.0250	0.0111	15	1.24	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.4450	0.0300	0.3995	0.0250	0.0111	15	1.82	6%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.4330	0.0180				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.3200	0.0140	0.3720	0.0491	0.0112	7	-1.06	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			
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.3201	0.0230	0.3720	0.0491	0.0112	7	-1.06	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2193	0.3745	0.0210	0.3720	0.0491	0.0112	7	0.05	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.3750	0.0100	0.3720	0.0491	0.0112	7	0.06	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.3770	0.0000	0.3720	0.0491	0.0112	7	0.10	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.3917	0.0101	0.3720	0.0491	0.0112	7	0.40	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.5440	0.0000	0.3720	0.0491	0.0112	7	3.50	23%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.3500	0.0000				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	0.6148	0.0009				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.619	0.0184	3.012	0.1667	0.0346	14	-2.36	7%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.760	0.0400	3.012	0.1667	0.0346	14	-1.51	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.925	0.0300	3.012	0.1667	0.0346	14	-0.52	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.935	0.0100	3.012	0.1667	0.0346	14	-0.46	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.936	0.0110	3.012	0.1667	0.0346	14	-0.46	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.960	0.0080	3.012	0.1667	0.0346	14	-0.31	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0723	2.981	0.0379	3.012	0.1667	0.0346	14	-0.18	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.060	0.0030	3.012	0.1667	0.0346	14	0.29	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.060	0.0515	3.012	0.1667	0.0346	14	0.29	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.074	0.1350	3.012	0.1667	0.0346	14	0.37	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	3.075	0.0500	3.012	0.1667	0.0346	14	0.38	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	3.195	0.0500	3.012	0.1667	0.0346	14	1.10	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.210	0.0400	3.012	0.1667	0.0346	14	1.19	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.230	0.0000	3.012	0.1667	0.0346	14	1.31	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	7.820	0.0600	3.012	0.1667	0.0346	14	28.84	80%	2
125.02	Glutamic, Post-col OPA Der (%)	0098	2.897	0.0140				1			0
125.05	Glutamic, Pre-col AQC Der (%)	2193	2.737	0.1860	2.926	0.1762	0.0704	7	-1.07	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.779	0.1430	2.926	0.1762	0.0704	7	-0.84	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.837	0.0000	2.926	0.1762	0.0704	7	-0.51	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	2.960	0.0938	2.926	0.1762	0.0704	7	0.19	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.986	0.0000	2.926	0.1762	0.0704	7	0.34	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	2.995	0.0100	2.926	0.1762	0.0704	7	0.39	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.270	0.0600	2.926	0.1762	0.0704	7	1.95	6%	0
125.99	Glutamic, Miscellaneous (%)	0227	3.105	0.0300				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.3045	0.0008	0.3461	0.0184	0.0057	14	-2.27	6%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.3270	0.0020	0.3461	0.0184	0.0057	14	-1.04	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.3300	0.0200	0.3461	0.0184	0.0057	14	-0.88	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.3300	0.0000	0.3461	0.0184	0.0057	14	-0.88	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.3372	0.0017	0.3461	0.0184	0.0057	14	-0.49	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.3450	0.0020	0.3461	0.0184	0.0057	14	-0.06	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.3450	0.0100	0.3461	0.0184	0.0057	14	-0.06	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0723	0.3496	0.0010	0.3461	0.0184	0.0057	14	0.19	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.3508	0.0127	0.3461	0.0184	0.0057	14	0.25	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.3550	0.0100	0.3461	0.0184	0.0057	14	0.48	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 (%)	0684	0.3550	0.0100	0.3461	0.0184	0.0057	14	0.48	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.3590	0.0060	0.3461	0.0184	0.0057	14	0.70	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.3700	0.0000	0.3461	0.0184	0.0057	14	1.30	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.3940	0.0040	0.3461	0.0184	0.0057	14	2.61	7%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.8450	0.0100	0.3461	0.0184	0.0057	14	27.16	72%	2
126.02	Glycine, Post-col OPA Der (%)	0098	0.3315	0.0070				1			0
126.05	Glycine, Pre-col AQC Der (%)	2193	0.3300	0.0280	0.4654	0.1383	0.0166	7	-0.98	15%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.3530	0.0000	0.4654	0.1383	0.0166	7	-0.81	12%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.3755	0.0270	0.4654	0.1383	0.0166	7	-0.65	10%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.4745	0.0110	0.4654	0.1383	0.0166	7	0.07	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.4790	0.0000	0.4654	0.1383	0.0166	7	0.10	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	0.6109	0.0205	0.4654	0.1383	0.0166	7	1.05	16%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.6350	0.0300	0.4654	0.1383	0.0166	7	1.23	18%	0
126.99	Glycine, Miscellaneous (%)	0227	0.3400	0.0000				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.2496	0.0038	0.3195	0.0256	0.0074	15	-2.73	11%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.2775	0.0066	0.3195	0.0256	0.0074	15	-1.64	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.2990	0.0020	0.3195	0.0256	0.0074	15	-0.80	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.3000	0.0000	0.3195	0.0256	0.0074	15	-0.76	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3100	0.0020	0.3195	0.0256	0.0074	15	-0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0723	0.3185	0.0033	0.3195	0.0256	0.0074	15	-0.04	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.3200	0.0020	0.3195	0.0256	0.0074	15	0.02	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3250	0.0100	0.3195	0.0256	0.0074	15	0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.3250	0.0100	0.3195	0.0256	0.0074	15	0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3250	0.0100	0.3195	0.0256	0.0074	15	0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.3270	0.0121	0.3195	0.0256	0.0074	15	0.29	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.3300	0.0000	0.3195	0.0256	0.0074	15	0.41	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.3350	0.0100	0.3195	0.0256	0.0074	15	0.61	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.3905	0.0190	0.3195	0.0256	0.0074	15	2.77	11%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.7500	0.0200	0.3195	0.0256	0.0074	15	16.80	67%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.2925	0.0030				1			0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.2620	0.0000	0.3177	0.0583	0.0090	7	-0.96	9%	0
127.05	Histidine, Pre-col AQC Der (%)	2193	0.2785	0.0070	0.3177	0.0583	0.0090	7	-0.67	6%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.2900	0.0060	0.3177	0.0583	0.0090	7	-0.48	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.2975	0.0070	0.3177	0.0583	0.0090	7	-0.35	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.3250	0.0100	0.3177	0.0583	0.0090	7	0.12	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.3660	0.0000	0.3177	0.0583	0.0090	7	0.83	8%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.4266	0.0333	0.3177	0.0583	0.0090	7	1.87	17%	0
127.99	Histidine, Miscellaneous (%)	0227	0.3200	0.0000				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.9172	0.0060	1.049	0.0623	0.0164	14	-2.11	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.9835	0.0010	1.049	0.0623	0.0164	14	-1.05	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.9850	0.0300	1.049	0.0623	0.0164	14	-1.03	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.9850	0.0300	1.049	0.0623	0.0164	14	-1.03	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			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.025	0.0100	1.049	0.0623	0.0164	14	-0.39	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0723	1.041	0.0127	1.049	0.0623	0.0164	14	-0.12	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	1.042	0.0030	1.049	0.0623	0.0164	14	-0.12	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.066	0.0120	1.049	0.0623	0.0164	14	0.27	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	1.080	0.0730	1.049	0.0623	0.0164	14	0.49	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	1.090	0.0000	1.049	0.0623	0.0164	14	0.66	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	1.095	0.0100	1.049	0.0623	0.0164	14	0.74	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	1.110	0.0200	1.049	0.0623	0.0164	14	0.98	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	1.110	0.0200	1.049	0.0623	0.0164	14	0.98	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	1.119	0.0017	1.049	0.0623	0.0164	14	1.12	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	2.650	0.0600	1.049	0.0623	0.0164	14	25.68	76%	2
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.023	0.0010				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.8750	0.0100	1.007	0.0719	0.0236	7	-1.84	7%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.9460	0.0000	1.007	0.0719	0.0236	7	-0.85	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	1.012	0.0000	1.007	0.0719	0.0236	7	0.07	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2193	1.013	0.0400	1.007	0.0719	0.0236	7	0.08	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	1.050	0.0200	1.007	0.0719	0.0236	7	0.59	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	1.057	0.0660	1.007	0.0719	0.0236	7	0.69	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	1.074	0.0291	1.007	0.0719	0.0236	7	0.92	3%	0
128.99	Isoleucine, Miscellaneous (%)	0227	1.080	0.0000				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.587	0.0077	1.775	0.0753	0.0175	14	-2.50	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.635	0.0300	1.775	0.0753	0.0175	14	-1.86	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.724	0.0020	1.775	0.0753	0.0175	14	-0.68	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.735	0.0300	1.775	0.0753	0.0175	14	-0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0723	1.754	0.0219	1.775	0.0753	0.0175	14	-0.29	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.764	0.0240	1.775	0.0753	0.0175	14	-0.15	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.775	0.0100	1.775	0.0753	0.0175	14	0.00	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.777	0.0079	1.775	0.0753	0.0175	14	0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.785	0.0100	1.775	0.0753	0.0175	14	0.13	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.813	0.0100	1.775	0.0753	0.0175	14	0.50	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.815	0.0100	1.775	0.0753	0.0175	14	0.53	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.845	0.0500	1.775	0.0753	0.0175	14	0.93	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.854	0.0019	1.775	0.0753	0.0175	14	1.05	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.965	0.0300	1.775	0.0753	0.0175	14	2.52	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	4.465	0.1100	1.775	0.0753	0.0175	14	35.73	76%	2
129.02	Leucine, Post-col OPA Der (%)	0098	1.714	0.0060				1			0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.636	0.0000	1.707	0.0825	0.0164	7	-0.86	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	1.645	0.0100	1.707	0.0825	0.0164	7	-0.75	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2193	1.665	0.0050	1.707	0.0825	0.0164	7	-0.51	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.666	0.0000	1.707	0.0825	0.0164	7	-0.49	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.750	0.0500	1.707	0.0825	0.0164	7	0.52	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.755	0.0100	1.707	0.0825	0.0164	7	0.59	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			
129.05	Leucine, Pre-col AQC Der (%)	2246	1.890	0.0395	1.707	0.0825	0.0164	7	2.23	5%	0
129.99	Leucine, Miscellaneous (%)	0227	1.865	0.0100				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	2.124	0.0415	2.805	0.2086	0.1648	14	-3.26	12%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0723	2.551	0.3211	2.805	0.2086	0.1648	14	-1.22	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	2.576	0.1150	2.805	0.2086	0.1648	14	-1.10	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	2.620	0.0400	2.805	0.2086	0.1648	14	-0.89	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	2.795	0.1500	2.805	0.2086	0.1648	14	-0.05	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	2.801	0.1800	2.805	0.2086	0.1648	14	-0.02	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	2.805	0.1700	2.805	0.2086	0.1648	14	0.00	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	2.860	0.2650	2.805	0.2086	0.1648	14	0.26	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	2.879	0.0472	2.805	0.2086	0.1648	14	0.35	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	2.890	0.0200	2.805	0.2086	0.1648	14	0.41	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	2.905	0.0700	2.805	0.2086	0.1648	14	0.48	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	2.975	0.3300	2.805	0.2086	0.1648	14	0.81	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	3.020	0.4800	2.805	0.2086	0.1648	14	1.03	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	3.105	0.0772	2.805	0.2086	0.1648	14	1.44	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	2.910	1.220	2.805	0.2086	0.1648	14	0.50	2%	1
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	6.965	0.0300	2.805	0.2086	0.1648	14	19.94	74%	2
130.02	L-Lysine, Post-col OPA Der (%)	0098	3.102	0.3370				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	2.238	0.0000	2.556	0.2864	0.2314	7	-1.11	6%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	2.418	0.8790	2.556	0.2864	0.2314	7	-0.48	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2193	2.420	0.1680	2.556	0.2864	0.2314	7	-0.48	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	2.450	0.0330	2.556	0.2864	0.2314	7	-0.37	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	2.615	0.2900	2.556	0.2864	0.2314	7	0.21	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	2.767	0.0000	2.556	0.2864	0.2314	7	0.74	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	3.575	0.2500	2.556	0.2864	0.2314	7	3.56	20%	0
130.99	L-Lysine, Miscellaneous (%)	2246	1.792	0.0119				3			0
130.99	L-Lysine, Miscellaneous (%)	0160	2.715	0.4500				3			0
130.99	L-Lysine, Miscellaneous (%)	0227	2.765	0.1900				3			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.3550	0.0100	0.5543	0.1104	0.0215	15	-1.81	18%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0723	0.3801	0.0002	0.5543	0.1104	0.0215	15	-1.58	16%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.4450	0.0500	0.5543	0.1104	0.0215	15	-0.99	10%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.4606	0.0094	0.5543	0.1104	0.0215	15	-0.85	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.5200	0.0200	0.5543	0.1104	0.0215	15	-0.31	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.5450	0.0300	0.5543	0.1104	0.0215	15	-0.08	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.5601	0.0215	0.5543	0.1104	0.0215	15	0.05	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.5800	0.0000	0.5543	0.1104	0.0215	15	0.23	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.5800	0.0600	0.5543	0.1104	0.0215	15	0.23	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.5950	0.0100	0.5543	0.1104	0.0215	15	0.37	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.6204	0.0491	0.5543	0.1104	0.0215	15	0.60	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.6265	0.0150	0.5543	0.1104	0.0215	15	0.65	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.6290	0.0220	0.5543	0.1104	0.0215	15	0.68	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 (%)	0619	0.6555	0.0150	0.5543	0.1104	0.0215	15	0.92	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.9150	0.0100	0.5543	0.1104	0.0215	15	3.27	33%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.5050	0.1100	0.5543	0.1104	0.0215	15	-0.45	4%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.5080	0.0160				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.4080	0.0000	0.5491	0.1071	0.0360	7	-1.32	13%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.4860	0.0000	0.5491	0.1071	0.0360	7	-0.59	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.4933	0.0593	0.5491	0.1071	0.0360	7	-0.52	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2193	0.5610	0.0660	0.5491	0.1071	0.0360	7	0.11	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.5700	0.0600	0.5491	0.1071	0.0360	7	0.19	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.6615	0.0130	0.5491	0.1071	0.0360	7	1.05	10%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.6643	0.0535	0.5491	0.1071	0.0360	7	1.08	10%	0
131.99	Methionine, Miscellaneous (%)	0227	0.5700	0.0400				2			0
131.99	Methionine, Miscellaneous (%)	2246	0.5907	0.0065				2			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.5065	0.0041	0.5557	0.0300	0.0096	14	-1.64	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.5210	0.0040	0.5557	0.0300	0.0096	14	-1.16	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.5341	0.0042	0.5557	0.0300	0.0096	14	-0.72	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0723	0.5368	0.0135	0.5557	0.0300	0.0096	14	-0.63	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.5400	0.0000	0.5557	0.0300	0.0096	14	-0.52	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.5500	0.0200	0.5557	0.0300	0.0096	14	-0.19	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.5550	0.0100	0.5557	0.0300	0.0096	14	-0.02	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.5593	0.0122	0.5557	0.0300	0.0096	14	0.12	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.5615	0.0190	0.5557	0.0300	0.0096	14	0.19	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.5650	0.0060	0.5557	0.0300	0.0096	14	0.31	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.5700	0.0000	0.5557	0.0300	0.0096	14	0.48	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.5750	0.0100	0.5557	0.0300	0.0096	14	0.64	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.6110	0.0220	0.5557	0.0300	0.0096	14	1.85	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.6250	0.0100	0.5557	0.0300	0.0096	14	2.31	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	1.320	0.0200	0.5557	0.0300	0.0096	14	25.50	69%	2
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.5150	0.0020				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.4950	0.0000	0.5404	0.0371	0.0105	7	-1.22	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.5135	0.0010	0.5404	0.0371	0.0105	7	-0.72	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2193	0.5205	0.0290	0.5404	0.0371	0.0105	7	-0.54	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.5450	0.0100	0.5404	0.0371	0.0105	7	0.12	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.5500	0.0000	0.5404	0.0371	0.0105	7	0.26	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.5720	0.0020	0.5404	0.0371	0.0105	7	0.85	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.5867	0.0313	0.5404	0.0371	0.0105	7	1.25	4%	0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.5550	0.0100				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.9350	0.0100	1.011	0.0570	0.0292	14	-1.33	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.9355	0.0070	1.011	0.0570	0.0292	14	-1.33	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.9510	0.0066	1.011	0.0570	0.0292	14	-1.05	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	0.9750	0.0100	1.011	0.0570	0.0292	14	-0.63	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.9950	0.0100	1.011	0.0570	0.0292	14	-0.28	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			
133.00	Proline, Post-col Ninhydrin Der (%)	0723	1.003	0.0483	1.011	0.0570	0.0292	14	-0.14	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.004	0.0660	1.011	0.0570	0.0292	14	-0.12	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.014	0.0920	1.011	0.0570	0.0292	14	0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.030	0.0200	1.011	0.0570	0.0292	14	0.33	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.037	0.0080	1.011	0.0570	0.0292	14	0.46	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.043	0.0808	1.011	0.0570	0.0292	14	0.56	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.055	0.0100	1.011	0.0570	0.0292	14	0.77	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.080	0.0200	1.011	0.0570	0.0292	14	1.21	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.144	0.0204	1.011	0.0570	0.0292	14	2.34	7%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	2.265	0.0100	1.011	0.0570	0.0292	14	22.02	62%	2
133.05	Proline, Pre-col AQC Der (%)	2188	0.8700	0.0000	0.9597	0.0657	0.0282	7	-1.37	5%	0
133.05	Proline, Pre-col AQC Der (%)	2193	0.9035	0.0650	0.9597	0.0657	0.0282	7	-0.86	3%	0
133.05	Proline, Pre-col AQC Der (%)	0407	0.9445	0.0230	0.9597	0.0657	0.0282	7	-0.23	1%	0
133.05	Proline, Pre-col AQC Der (%)	2196	0.9640	0.0000	0.9597	0.0657	0.0282	7	0.07	0%	0
133.05	Proline, Pre-col AQC Der (%)	0148	0.9945	0.0510	0.9597	0.0657	0.0282	7	0.53	2%	0
133.05	Proline, Pre-col AQC Der (%)	2246	1.016	0.0286	0.9597	0.0657	0.0282	7	0.86	3%	0
133.05	Proline, Pre-col AQC Der (%)	2319	1.025	0.0300	0.9597	0.0657	0.0282	7	0.99	3%	0
133.99	Proline, Miscellaneous (%)	0227	1.075	0.0100				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.7250	0.0100	0.8555	0.0545	0.0074	13	-2.39	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.7550	0.0100	0.8555	0.0545	0.0074	13	-1.84	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.8124	0.0009	0.8555	0.0545	0.0074	13	-0.79	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.8320	0.0240	0.8555	0.0545	0.0074	13	-0.43	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.8353	0.0136	0.8555	0.0545	0.0074	13	-0.37	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.8655	0.0070	0.8555	0.0545	0.0074	13	0.18	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.8700	0.0000	0.8555	0.0545	0.0074	13	0.27	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0723	0.8705	0.0094	0.8555	0.0545	0.0074	13	0.27	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.8805	0.0030	0.8555	0.0545	0.0074	13	0.46	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.8850	0.0100	0.8555	0.0545	0.0074	13	0.54	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.8900	0.0000	0.8555	0.0545	0.0074	13	0.63	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.8960	0.0000	0.8555	0.0545	0.0074	13	0.74	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.9384	0.0082	0.8555	0.0545	0.0074	13	1.52	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.8750	0.0500	0.8555	0.0545	0.0074	13	0.36	1%	1
134.00	Serine, Post-col Ninhydrin Der (%)	0171	2.275	0.0100	0.8555	0.0545	0.0074	13	26.03	83%	2
134.02	Serine, Post-col OPA Der (%)	0098	0.7300	0.0000				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.7765	0.0190	0.8673	0.0885	0.0118	7	-1.03	5%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.8070	0.0000	0.8673	0.0885	0.0118	7	-0.68	3%	0
134.05	Serine, Pre-col AQC Der (%)	2193	0.8155	0.0030	0.8673	0.0885	0.0118	7	-0.59	3%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.8520	0.0000	0.8673	0.0885	0.0118	7	-0.17	1%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.8790	0.0020	0.8673	0.0885	0.0118	7	0.13	1%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.9600	0.0200	0.8673	0.0885	0.0118	7	1.05	5%	0
134.05	Serine, Pre-col AQC Der (%)	2246	0.9813	0.0385	0.8673	0.0885	0.0118	7	1.29	7%	0
134.99	Serine, Miscellaneous (%)	0227	0.8850	0.0100				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			
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	1.135	0.0300	1.301	0.0631	0.0248	14	-2.63	6%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	1.187	0.0018	1.301	0.0631	0.0248	14	-1.80	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	1.207	0.1008	1.301	0.0631	0.0248	14	-1.48	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	1.285	0.0010	1.301	0.0631	0.0248	14	-0.26	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	1.305	0.0300	1.301	0.0631	0.0248	14	0.07	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	1.314	0.0120	1.301	0.0631	0.0248	14	0.21	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	1.315	0.0500	1.301	0.0631	0.0248	14	0.22	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0723	1.320	0.0422	1.301	0.0631	0.0248	14	0.30	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.325	0.0100	1.301	0.0631	0.0248	14	0.38	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	1.330	0.0200	1.301	0.0631	0.0248	14	0.46	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	1.335	0.0100	1.301	0.0631	0.0248	14	0.54	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.335	0.0020	1.301	0.0631	0.0248	14	0.54	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	1.345	0.0100	1.301	0.0631	0.0248	14	0.70	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	1.384	0.0272	1.301	0.0631	0.0248	14	1.31	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	3.600	0.0800	1.301	0.0631	0.0248	14	36.41	88%	2
135.02	Threonine, Post-col OPA Der (%)	0098	1.242	0.0040				1			0
135.05	Threonine, Pre-col AQC Der (%)	2188	1.164	0.0000	1.296	0.1197	0.0327	7	-1.10	5%	0
135.05	Threonine, Pre-col AQC Der (%)	0407	1.175	0.0220	1.296	0.1197	0.0327	7	-1.01	5%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	1.290	0.0000	1.296	0.1197	0.0327	7	-0.05	0%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	1.303	0.0000	1.296	0.1197	0.0327	7	0.06	0%	0
135.05	Threonine, Pre-col AQC Der (%)	2193	1.328	0.1260	1.296	0.1197	0.0327	7	0.27	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	1.335	0.0300	1.296	0.1197	0.0327	7	0.33	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	1.497	0.0512	1.296	0.1197	0.0327	7	1.68	8%	0
135.99	Threonine, Miscellaneous (%)	0227	1.370	0.0000				2			0
135.99	Threonine, Miscellaneous (%)	2246	1.376	0.0049				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.2485	0.0270	0.3203	0.0503	0.0095	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.3277	0.0008	0.3203	0.0503	0.0095	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.3400	0.0000	0.3203	0.0503	0.0095	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.3650	0.0100	0.3203	0.0503	0.0095	4			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.3195	0.0010				1			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2985	0.0030				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.2950	0.0000	0.3229	0.0250	0.0044	6	-1.12	4%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.3115	0.0010	0.3229	0.0250	0.0044	6	-0.46	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.3150	0.0100	0.3229	0.0250	0.0044	6	-0.32	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.3277	0.0035	0.3229	0.0250	0.0044	6	0.19	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.3280	0.0020	0.3229	0.0250	0.0044	6	0.20	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.4150	0.0100	0.3229	0.0250	0.0044	6	3.69	14%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.1757	0.0076				2			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2625	0.0050				2			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.2224	0.0001				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.3050	0.0300				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.3300	0.0200	0.4742	0.0593	0.0071	11	-2.43	15%	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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137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.4260	0.0020	0.4742	0.0593	0.0071	11	-0.81	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.4300	0.0000	0.4742	0.0593	0.0071	11	-0.75	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.4600	0.0000	0.4742	0.0593	0.0071	11	-0.24	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.4600	0.0000	0.4742	0.0593	0.0071	11	-0.24	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.4735	0.0010	0.4742	0.0593	0.0071	11	-0.01	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.4796	0.0091	0.4742	0.0593	0.0071	11	0.09	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0723	0.4799	0.0084	0.4742	0.0593	0.0071	11	0.10	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.5100	0.0200	0.4742	0.0593	0.0071	11	0.60	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.5550	0.0100	0.4742	0.0593	0.0071	11	1.36	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.5573	0.0072	0.4742	0.0593	0.0071	11	1.40	9%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.4080	0.0120				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.4175	0.0210	0.4606	0.0487	0.0129	7	-0.88	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.4225	0.0316	0.4606	0.0487	0.0129	7	-0.78	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.4350	0.0100	0.4606	0.0487	0.0129	7	-0.53	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.4380	0.0000	0.4606	0.0487	0.0129	7	-0.46	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.4805	0.0030	0.4606	0.0487	0.0129	7	0.41	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.5050	0.0000	0.4606	0.0487	0.0129	7	0.91	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2193	0.5255	0.0250	0.4606	0.0487	0.0129	7	1.33	7%	0
137.99	Tyrosine, Miscellaneous (%)	0227	0.4150	0.0100				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.8074	0.0056	0.9902	0.0619	0.0221	14	-2.96	9%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.9250	0.0100	0.9902	0.0619	0.0221	14	-1.05	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.9315	0.0030	0.9902	0.0619	0.0221	14	-0.95	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.9550	0.0100	0.9902	0.0619	0.0221	14	-0.57	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.9700	0.0200	0.9902	0.0619	0.0221	14	-0.33	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.9818	0.0564	0.9902	0.0619	0.0221	14	-0.14	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.9835	0.0010	0.9902	0.0619	0.0221	14	-0.11	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.9875	0.0130	0.9902	0.0619	0.0221	14	-0.04	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.005	0.0100	0.9902	0.0619	0.0221	14	0.24	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0723	1.008	0.0042	0.9902	0.0619	0.0221	14	0.29	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.015	0.0100	0.9902	0.0619	0.0221	14	0.40	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	1.037	0.0761	0.9902	0.0619	0.0221	14	0.76	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	1.130	0.0200	0.9902	0.0619	0.0221	14	2.26	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	1.135	0.0700	0.9902	0.0619	0.0221	14	2.34	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	2.600	0.1200	0.9902	0.0619	0.0221	14	26.02	81%	2
138.02	Valine, Post-col OPA Der (%)	0098	0.9860	0.0020				1			0
138.05	Valine, Pre-col AQC Der (%)	2319	0.8500	0.0000	0.9296	0.0621	0.0286	7	-1.28	4%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.8790	0.0000	0.9296	0.0621	0.0286	7	-0.82	3%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.9050	0.0000	0.9296	0.0621	0.0286	7	-0.40	1%	0
138.05	Valine, Pre-col AQC Der (%)	2193	0.9430	0.0800	0.9296	0.0621	0.0286	7	0.22	1%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.9445	0.0570	0.9296	0.0621	0.0286	7	0.24	1%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.9885	0.0110	0.9296	0.0621	0.0286	7	0.95	3%	0
138.05	Valine, Pre-col AQC Der (%)	2246	0.9975	0.0522	0.9296	0.0621	0.0286	7	1.09	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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138.99	Valine, Miscellaneous (%)	0227	1.130	0.0200				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1700	0.0000				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0125	0.0010				1			0
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					0			5
160.10	Fructose, HPAEC PAD (%)	0297	0.0800	0.1000				1			0
160.99	Fructose, Miscellaneous (%)	0148	0.0150	0.0000				1			0
160.99	Fructose, Miscellaneous (%)	0619	0.0000	0.0000				1			4
160.99	Fructose, Miscellaneous (%)	0227	< 0.15					1			5
161.10	Galactose, HPAEC PAD (%)	0297	0.3250	0.2500				1			0
162.10	Glucose, HPAEC PAD (%)	0297	0.0950	0.1900				0			4
162.99	Glucose, Miscellaneous (%)	0227	0.3350	0.0500				2			0
162.99	Glucose, Miscellaneous (%)	0148	0.7900	0.0600				2			0
162.99	Glucose, Miscellaneous (%)	0619	0.0000	0.0000				2			4
163.10	Lactose, HPAEC PAD (%)	0297	31.77	4.970				1			0
163.99	Lactose, Miscellaneous (%)	0148	32.75	0.5600	37.29	3.670	1.578	11	-1.24	6%	0
163.99	Lactose, Miscellaneous (%)	0027	33.71	6.980	37.29	3.670	1.578	11	-0.98	5%	0
163.99	Lactose, Miscellaneous (%)	0921	33.78	0.2820	37.29	3.670	1.578	11	-0.96	5%	0
163.99	Lactose, Miscellaneous (%)	2192	34.93	0.0000	37.29	3.670	1.578	11	-0.64	3%	0
163.99	Lactose, Miscellaneous (%)	2105	36.53	0.0600	37.29	3.670	1.578	11	-0.21	1%	0
163.99	Lactose, Miscellaneous (%)	0619	37.20	0.4000	37.29	3.670	1.578	11	-0.02	0%	0
163.99	Lactose, Miscellaneous (%)	2319	39.20	4.110	37.29	3.670	1.578	11	0.52	3%	0
163.99	Lactose, Miscellaneous (%)	0227	39.29	0.3600	37.29	3.670	1.578	11	0.54	3%	0
163.99	Lactose, Miscellaneous (%)	0939	39.88	3.710	37.29	3.670	1.578	11	0.70	3%	0
163.99	Lactose, Miscellaneous (%)	0689	40.15	0.9000	37.29	3.670	1.578	11	0.78	4%	0
163.99	Lactose, Miscellaneous (%)	2196	45.83	0.0000	37.29	3.670	1.578	11	2.33	11%	0
164.10	Maltose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
164.99	Maltose, Miscellaneous (%)	0148	0.4650	0.1100				1			0
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					1			5
165.10	Sucrose, HPAEC PAD (%)	0297	0.0700	0.1400				0			4
165.99	Sucrose, Miscellaneous (%)	0148	0.1000	0.0000				1			0
165.99	Sucrose, Miscellaneous (%)	0619	0.0000	0.0000				1			4
165.99	Sucrose, Miscellaneous (%)	0227	< 0.15					1			5
166.10	Raffinose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
166.99	Raffinose, Miscellaneous (%)	0227	< 0.05					0			5
167.10	Stachyose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
167.99	Stachyose, Miscellaneous (%)	0227	0.1250	0.0100				1			0
361.01	Lasalocid Sodium, Spectrophotometer (ppm)	0032	75.00	0.0000				1			0
361.02	Lasalocid Sodium, LC (ppm)	0043	64.11	2.160	80.35	4.978	4.454	8	-3.26	10%	0
361.02	Lasalocid Sodium, LC (ppm)	0047	77.04	1.560	80.35	4.978	4.454	8	-0.66	2%	0
361.02	Lasalocid Sodium, LC (ppm)	0016	78.60	1.600	80.35	4.978	4.454	8	-0.35	1%	0
361.02	Lasalocid Sodium, LC (ppm)	0006	80.08	2.660	80.35	4.978	4.454	8	-0.05	0%	0

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361.02	Lasalocid Sodium, LC (ppm)	0013	80.15	6.900	80.35	4.978	4.454	8	-0.04	0%	0
361.02	Lasalocid Sodium, LC (ppm)	0035	83.38	2.250	80.35	4.978	4.454	8	0.61	2%	0
361.02	Lasalocid Sodium, LC (ppm)	0036	83.55	5.700	80.35	4.978	4.454	8	0.64	2%	0
361.02	Lasalocid Sodium, LC (ppm)	0033	87.10	12.80	80.35	4.978	4.454	8	1.36	4%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0964	69.74	2.679	81.02	7.529	2.882	9	-1.50	7%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0010	75.25	3.900	81.02	7.529	2.882	9	-0.77	4%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0028	76.70	0.5000	81.02	7.529	2.882	9	-0.57	3%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0610	80.10	0.0000	81.02	7.529	2.882	9	-0.12	1%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0218	81.75	5.500	81.02	7.529	2.882	9	0.10	0%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0001	83.00	4.800	81.02	7.529	2.882	9	0.26	1%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0038	83.45	2.500	81.02	7.529	2.882	9	0.32	1%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0014	86.90	5.600	81.02	7.529	2.882	9	0.78	4%	0
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0148	99.38	0.4620	81.02	7.529	2.882	9	2.44	11%	0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	2113	76.50	7.000	78.35	2.274	5.083	4			0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	2055	77.00	9.000	78.35	2.274	5.083	4			0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0860	78.34	0.0000	78.35	2.274	5.083	4			0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0553	81.56	4.330	78.35	2.274	5.083	4			0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0610	124.0	10.66	78.35	2.274	5.083	4			2
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.3192	0.0004	0.3386	0.0169	0.0054	12	-1.15	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.3220	0.0100	0.3386	0.0169	0.0054	12	-0.98	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.3256	0.0012	0.3386	0.0169	0.0054	12	-0.77	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.3265	0.0050	0.3386	0.0169	0.0054	12	-0.72	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.3350	0.0100	0.3386	0.0169	0.0054	12	-0.21	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.3365	0.0030	0.3386	0.0169	0.0054	12	-0.12	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.3376	0.0052	0.3386	0.0169	0.0054	12	-0.06	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.3400	0.0100	0.3386	0.0169	0.0054	12	0.08	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.3415	0.0010	0.3386	0.0169	0.0054	12	0.17	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0921	0.3514	0.0121	0.3386	0.0169	0.0054	12	0.75	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0885	0.4200	0.0000	0.3386	0.0169	0.0054	12	4.82	12%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.6287	0.0072	0.3386	0.0169	0.0054	12	17.16	43%	0
400.99	Water Activity, Miscellaneous (Units)	2073	0.3135	0.0010				3			0
400.99	Water Activity, Miscellaneous (Units)	2388	0.3275	0.0010				3			0
400.99	Water Activity, Miscellaneous (Units)	0918	0.3415	0.0042				3			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	< 0.05					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0910	< 0.05					0			5
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	< 0.01					0			5
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0151	0.0018				1			0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	< 0.05					1			5
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0113	0.0002				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					1			5
518.43	Cadmium, ICP, Microwave (ppm)	0032	< 0.5					1			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			
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	< 0.02						0		5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	< 0.05						0		5
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0025	0.0008					1		0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	< 0.01						1		5
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	0.2216	0.0120					2		0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0171	0.3450	0.0100					2		0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	0.1965	0.0030					2		0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0032	0.3825	0.0670					2		0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0297	0.0000	0.0000					2		4
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	< 0.25						2		5
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	0.1565	0.0010					1		0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	0.1320	0.0080					3		0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	0.1426	0.0197					3		0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0939	0.2200	0.0400					3		0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1051	0.0099					1		0
526.41	Lead, ICP, Dry ash (ppm)	0171	< 0.05						1		5
526.43	Lead, ICP, Microwave (ppm)	0407	0.1376	0.0082					1		0
526.43	Lead, ICP, Microwave (ppm)	0682	< 10						1		5
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	< 0.05						0		5
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	< 0.09						0		5
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.0082	0.0012					3		0
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.0145	0.0010					3		0
526.53	Lead, ICP-MS, Microwave (ppm)	0032	0.0475	0.0035					3		0
529.99	Mercury, Miscellaneous (ppb)	0407	2.399	0.7260					1		0
529.99	Mercury, Miscellaneous (ppb)	0227	< 10						1		5
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000						1		5
539.41	Nickel, ICP, Dry ash (ppm)	0171	0.0800	0.0000					2		0
539.41	Nickel, ICP, Dry ash (ppm)	0407	0.1408	0.0014					2		0
539.43	Nickel, ICP, Microwave (ppm)	0407	0.1137	0.0014					3		0
539.43	Nickel, ICP, Microwave (ppm)	0682	0.3900	0.0000					3		0
539.43	Nickel, ICP, Microwave (ppm)	0297	1.000	0.0000					3		0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	0.1355	0.0050					1		0
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	0.1050	0.0100					2		0
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	1.009	1.470					2		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	0.0290	0.0000					1		0
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.0225	0.0010					1		0
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.0550	0.0000					1		0
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	0619	0.0620	0.0020					1		0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	0.0532	0.0006					1		0
714.01	Myristic Acid (14:0), Direct Methylation by Alkali Hydrolysi	0619	0.3940	0.0040					1		0
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.3629	0.0098					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			
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi	0619	5.050	0.1000				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	4.661	0.1071				1		0	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.4295	0.0130				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.4181	0.0024				1		0	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	2.470	0.0400				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	2.490	0.0534				1		0	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0619	6.650	0.2000				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	6.943	0.1268				1		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	2.795	0.0900				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	2.794	0.0267				1		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.1280	0.0040				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0226	0.1413	0.0002				1		0	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydroly:	0619	0.0475	0.0010				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0441	0.0008				1		0	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr	0619	0.1490	0.0080				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.1352	0.0070				1		0	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	0619	0.0490	0.0040				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	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0165	0.0001				1		0	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydrol	0619	0.0000	0.0000				0		4	
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	0.0089	0.0000				1		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0113	0.0004				1		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0619	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	< 0.005					0		5	
752.01	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	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	2181	16.72	0.0800				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	18.08	0.3353				1		0	

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 5 = A reporting limit and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). Flag 3 indicates not used in statistics.