



AAFCO
Proficiency Testing Program



Animal Feed Scheme

Beet Pulp

Test Material Code # 202027

Method Proficiency Testing Report

Labs Reporting: 175

Methods Reported 345

Issue Date : 08/31/2020

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	0.3000	0.0000				1		0	
000.02	Urea, As protein, Colorimetric (%)	2246	0.0000	0.0000				1		4	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.865	0.0100				3		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.879	0.1340				3		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	8.300	0.0800				3		0	
001.03	Loss on Drying, Low temp. methods (%)	0868	7.735	0.0100	7.927	0.1185	0.0340	5		0	
001.03	Loss on Drying, Low temp. methods (%)	2058	7.890	0.0000	7.927	0.1185	0.0340	5		0	
001.03	Loss on Drying, Low temp. methods (%)	0619	7.990	0.0800	7.927	0.1185	0.0340	5		0	
001.03	Loss on Drying, Low temp. methods (%)	0893	8.000	0.0200	7.927	0.1185	0.0340	5		0	
001.03	Loss on Drying, Low temp. methods (%)	0878	8.020	0.0600	7.927	0.1185	0.0340	5		0	
001.03	Loss on Drying, Low temp. methods (%)	0843	7.660	0.5800	7.927	0.1185	0.0340	5		1	
001.05	Loss on Drying, LECO (%)	0644	8.175	0.0260				2		0	
001.05	Loss on Drying, LECO (%)	0968	8.495	0.0100				2		0	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	6.400	0.0000	7.926	0.2307	0.1173	43	-6.62	10%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	7.405	0.0100	7.926	0.2307	0.1173	43	-2.26	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	7.435	0.1100	7.926	0.2307	0.1173	43	-2.13	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	7.450	0.1000	7.926	0.2307	0.1173	43	-2.06	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.570	0.5000	7.926	0.2307	0.1173	43	-1.54	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	7.660	0.5800	7.926	0.2307	0.1173	43	-1.15	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.690	0.0600	7.926	0.2307	0.1173	43	-1.02	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.735	0.0500	7.926	0.2307	0.1173	43	-0.83	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.740	0.2000	7.926	0.2307	0.1173	43	-0.81	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	7.740	0.1800	7.926	0.2307	0.1173	43	-0.81	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	7.780	0.0000	7.926	0.2307	0.1173	43	-0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	7.785	0.2500	7.926	0.2307	0.1173	43	-0.61	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	7.808	0.1110	7.926	0.2307	0.1173	43	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	7.815	0.1700	7.926	0.2307	0.1173	43	-0.48	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.831	0.0121	7.926	0.2307	0.1173	43	-0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.835	0.4700	7.926	0.2307	0.1173	43	-0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.845	0.0100	7.926	0.2307	0.1173	43	-0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	7.845	0.0500	7.926	0.2307	0.1173	43	-0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.860	0.0400	7.926	0.2307	0.1173	43	-0.29	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	7.910	0.0600	7.926	0.2307	0.1173	43	-0.07	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 (%)	0590	7.915	0.2700	7.926	0.2307	0.1173	43	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.920	0.0200	7.926	0.2307	0.1173	43	-0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	7.965	0.1300	7.926	0.2307	0.1173	43	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	7.970	0.0400	7.926	0.2307	0.1173	43	0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	8.000	0.1000	7.926	0.2307	0.1173	43	0.32	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	8.025	0.1300	7.926	0.2307	0.1173	43	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	8.060	0.2200	7.926	0.2307	0.1173	43	0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	8.060	0.0200	7.926	0.2307	0.1173	43	0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2264	8.069	0.0950	7.926	0.2307	0.1173	43	0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	8.085	0.0300	7.926	0.2307	0.1173	43	0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.090	0.0200	7.926	0.2307	0.1173	43	0.71	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	8.100	0.2800	7.926	0.2307	0.1173	43	0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.100	0.2000	7.926	0.2307	0.1173	43	0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	8.100	0.0000	7.926	0.2307	0.1173	43	0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.110	0.1200	7.926	0.2307	0.1173	43	0.80	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.120	0.0600	7.926	0.2307	0.1173	43	0.84	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	8.140	0.0400	7.926	0.2307	0.1173	43	0.93	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	8.168	0.1100	7.926	0.2307	0.1173	43	1.05	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.179	0.1070	7.926	0.2307	0.1173	43	1.09	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	8.195	0.0500	7.926	0.2307	0.1173	43	1.16	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.200	0.0000	7.926	0.2307	0.1173	43	1.19	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.210	0.0400	7.926	0.2307	0.1173	43	1.23	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.300	0.0000	7.926	0.2307	0.1173	43	1.62	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	7.630	0.7000	7.926	0.2307	0.1173	43	-1.28	2%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	4.750	0.5000	7.926	0.2307	0.1173	43	-13.77	20%	2
001.99	Loss on Drying, Miscellaneous (%)	0610	1.700	0.0000	7.874	0.6364	0.1332	23	-9.70	39%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	5.825	0.1100	7.874	0.6364	0.1332	23	-3.22	13%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	6.825	0.0700	7.874	0.6364	0.1332	23	-1.65	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	7.280	0.4000	7.874	0.6364	0.1332	23	-0.93	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.330	0.0000	7.874	0.6364	0.1332	23	-0.85	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	7.565	0.0900	7.874	0.6364	0.1332	23	-0.49	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	7.655	0.0300	7.874	0.6364	0.1332	23	-0.34	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	7.680	0.3000	7.874	0.6364	0.1332	23	-0.30	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	7.695	0.0500	7.874	0.6364	0.1332	23	-0.28	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.725	0.0300	7.874	0.6364	0.1332	23	-0.23	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	7.900	0.1800	7.874	0.6364	0.1332	23	0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	7.915	0.5500	7.874	0.6364	0.1332	23	0.06	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	7.950	0.3000	7.874	0.6364	0.1332	23	0.12	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	8.005	0.0100	7.874	0.6364	0.1332	23	0.21	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.050	0.1000	7.874	0.6364	0.1332	23	0.28	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	8.063	0.3187	7.874	0.6364	0.1332	23	0.30	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	8.150	0.0000	7.874	0.6364	0.1332	23	0.43	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.99	Loss on Drying, Miscellaneous (%)	2319	8.200	0.0000	7.874	0.6364	0.1332	23	0.51	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	8.390	0.2600	7.874	0.6364	0.1332	23	0.81	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	8.515	0.0300	7.874	0.6364	0.1332	23	1.01	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	8.660	0.1200	7.874	0.6364	0.1332	23	1.24	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.785	0.1151	7.874	0.6364	0.1332	23	1.43	6%	0
001.99	Loss on Drying, Miscellaneous (%)	2304	9.050	0.0000	7.874	0.6364	0.1332	23	1.85	7%	0
002.00	Protein, Crude, Crude (%)	0169	8.905	0.1700				1			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2322	8.240	0.0200	8.807	0.1471	0.0398	12	-3.86	3%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	8.650	0.1000	8.807	0.1471	0.0398	12	-1.07	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	8.690	0.0000	8.807	0.1471	0.0398	12	-0.80	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	8.695	0.0100	8.807	0.1471	0.0398	12	-0.76	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2143	8.760	0.1000	8.807	0.1471	0.0398	12	-0.32	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0656	8.780	0.0000	8.807	0.1471	0.0398	12	-0.19	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	8.871	0.0270	8.807	0.1471	0.0398	12	0.43	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0875	8.915	0.0400	8.807	0.1471	0.0398	12	0.73	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	8.915	0.0500	8.807	0.1471	0.0398	12	0.73	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	8.920	0.0000	8.807	0.1471	0.0398	12	0.77	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0164	8.940	0.1200	8.807	0.1471	0.0398	12	0.90	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0685	8.965	0.0100	8.807	0.1471	0.0398	12	1.07	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0610	8.725	0.3100	8.807	0.1471	0.0398	12	-0.56	0%	1
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	8.470	0.1388				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	8.710	0.0400				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	2326	8.763	0.1495				3			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	8.660	0.3800	8.827	0.1038	0.0918	28	-1.61	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0581	8.675	0.0100	8.827	0.1038	0.0918	28	-1.47	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	8.700	0.1800	8.827	0.1038	0.0918	28	-1.22	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2264	8.702	0.1760	8.827	0.1038	0.0918	28	-1.20	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	8.725	0.2900	8.827	0.1038	0.0918	28	-0.98	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0674	8.730	0.0000	8.827	0.1038	0.0918	28	-0.94	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0893	8.740	0.0200	8.827	0.1038	0.0918	28	-0.84	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	8.745	0.0100	8.827	0.1038	0.0918	28	-0.79	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	8.760	0.2600	8.827	0.1038	0.0918	28	-0.65	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	8.780	0.3000	8.827	0.1038	0.0918	28	-0.45	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	8.810	0.1000	8.827	0.1038	0.0918	28	-0.16	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2012	8.830	0.0200	8.827	0.1038	0.0918	28	0.03	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	8.830	0.0400	8.827	0.1038	0.0918	28	0.03	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	8.835	0.0100	8.827	0.1038	0.0918	28	0.08	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	8.855	0.0900	8.827	0.1038	0.0918	28	0.27	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2058	8.855	0.0500	8.827	0.1038	0.0918	28	0.27	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	8.860	0.0200	8.827	0.1038	0.0918	28	0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	8.860	0.0600	8.827	0.1038	0.0918	28	0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	8.865	0.1100	8.827	0.1038	0.0918	28	0.37	0%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	2009	8.871	0.0004	8.827	0.1038	0.0918	28	0.42	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	8.878	0.0030	8.827	0.1038	0.0918	28	0.49	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	8.900	0.0000	8.827	0.1038	0.0918	28	0.70	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	8.915	0.0500	8.827	0.1038	0.0918	28	0.85	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	8.920	0.0200	8.827	0.1038	0.0918	28	0.90	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	8.925	0.0500	8.827	0.1038	0.0918	28	0.94	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	8.955	0.0500	8.827	0.1038	0.0918	28	1.23	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	9.020	0.2200	8.827	0.1038	0.0918	28	1.86	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	9.175	0.0500	8.827	0.1038	0.0918	28	3.35	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2246	8.115	0.0300	8.965	0.2144	0.0917	115	-3.96	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2022	8.250	0.0400	8.965	0.2144	0.0917	115	-3.33	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	8.305	0.0100	8.965	0.2144	0.0917	115	-3.08	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	8.460	0.1200	8.965	0.2144	0.0917	115	-2.36	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	8.485	0.0220	8.965	0.2144	0.0917	115	-2.24	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	8.530	0.0400	8.965	0.2144	0.0917	115	-2.03	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	8.535	0.1900	8.965	0.2144	0.0917	115	-2.01	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	8.550	0.1000	8.965	0.2144	0.0917	115	-1.94	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	8.600	0.1600	8.965	0.2144	0.0917	115	-1.70	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	8.600	0.0000	8.965	0.2144	0.0917	115	-1.70	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	8.640	0.0800	8.965	0.2144	0.0917	115	-1.52	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	8.650	0.2400	8.965	0.2144	0.0917	115	-1.47	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	8.680	0.0600	8.965	0.2144	0.0917	115	-1.33	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	8.725	0.3900	8.965	0.2144	0.0917	115	-1.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	8.735	0.0500	8.965	0.2144	0.0917	115	-1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	8.745	0.2500	8.965	0.2144	0.0917	115	-1.03	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	8.750	0.2800	8.965	0.2144	0.0917	115	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2319	8.750	0.0000	8.965	0.2144	0.0917	115	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2302	8.780	0.1200	8.965	0.2144	0.0917	115	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	8.792	0.3310	8.965	0.2144	0.0917	115	-0.81	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	8.800	0.0000	8.965	0.2144	0.0917	115	-0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	8.805	0.0100	8.965	0.2144	0.0917	115	-0.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0006	8.815	0.1500	8.965	0.2144	0.0917	115	-0.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	8.820	0.0000	8.965	0.2144	0.0917	115	-0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	8.820	0.0200	8.965	0.2144	0.0917	115	-0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	8.835	0.1500	8.965	0.2144	0.0917	115	-0.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	8.845	0.0700	8.965	0.2144	0.0917	115	-0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	8.846	0.0280	8.965	0.2144	0.0917	115	-0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	8.850	0.0600	8.965	0.2144	0.0917	115	-0.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	8.850	0.1000	8.965	0.2144	0.0917	115	-0.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	8.850	0.1000	8.965	0.2144	0.0917	115	-0.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	8.856	0.0230	8.965	0.2144	0.0917	115	-0.51	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	8.858	0.0656	8.965	0.2144	0.0917	115	-0.50	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	8.860	0.0600	8.965	0.2144	0.0917	115	-0.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	8.865	0.3100	8.965	0.2144	0.0917	115	-0.47	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	8.870	0.0220	8.965	0.2144	0.0917	115	-0.44	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	8.875	0.0000	8.965	0.2144	0.0917	115	-0.42	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	8.875	0.0300	8.965	0.2144	0.0917	115	-0.42	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	8.883	0.2460	8.965	0.2144	0.0917	115	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	8.893	0.0460	8.965	0.2144	0.0917	115	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0904	8.895	0.0100	8.965	0.2144	0.0917	115	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	8.895	0.1300	8.965	0.2144	0.0917	115	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2053	8.900	0.4000	8.965	0.2144	0.0917	115	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	8.900	0.0000	8.965	0.2144	0.0917	115	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	8.910	0.1200	8.965	0.2144	0.0917	115	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	8.912	0.0187	8.965	0.2144	0.0917	115	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	8.920	0.3000	8.965	0.2144	0.0917	115	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	8.925	0.1100	8.965	0.2144	0.0917	115	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	8.935	0.0100	8.965	0.2144	0.0917	115	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	8.935	0.0273	8.965	0.2144	0.0917	115	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	8.940	0.1000	8.965	0.2144	0.0917	115	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	8.940	0.2200	8.965	0.2144	0.0917	115	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	8.940	0.1000	8.965	0.2144	0.0917	115	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	8.945	0.1300	8.965	0.2144	0.0917	115	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	8.945	0.0500	8.965	0.2144	0.0917	115	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	8.950	0.1000	8.965	0.2144	0.0917	115	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	8.950	0.1000	8.965	0.2144	0.0917	115	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	8.950	0.0800	8.965	0.2144	0.0917	115	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	8.950	0.1000	8.965	0.2144	0.0917	115	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	8.953	0.2380	8.965	0.2144	0.0917	115	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	8.955	0.2100	8.965	0.2144	0.0917	115	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	8.955	0.0500	8.965	0.2144	0.0917	115	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	8.960	0.0200	8.965	0.2144	0.0917	115	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	8.960	0.0200	8.965	0.2144	0.0917	115	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2012	8.970	0.0800	8.965	0.2144	0.0917	115	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	8.970	0.0000	8.965	0.2144	0.0917	115	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	8.975	0.0300	8.965	0.2144	0.0917	115	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	8.980	0.1600	8.965	0.2144	0.0917	115	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	8.985	0.1100	8.965	0.2144	0.0917	115	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0160	9.000	0.2000	8.965	0.2144	0.0917	115	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	9.000	0.0000	8.965	0.2144	0.0917	115	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	9.000	0.0000	8.965	0.2144	0.0917	115	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	9.000	0.1600	8.965	0.2144	0.0917	115	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	9.009	0.0724	8.965	0.2144	0.0917	115	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	9.020	0.0800	8.965	0.2144	0.0917	115	0.26	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 (%)	0353	9.020	0.0200	8.965	0.2144	0.0917	115	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	9.021	0.2230	8.965	0.2144	0.0917	115	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	9.025	0.0500	8.965	0.2144	0.0917	115	0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	9.030	0.0200	8.965	0.2144	0.0917	115	0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	9.040	0.0400	8.965	0.2144	0.0917	115	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	9.045	0.0700	8.965	0.2144	0.0917	115	0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	9.053	0.1410	8.965	0.2144	0.0917	115	0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	9.065	0.1300	8.965	0.2144	0.0917	115	0.47	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	9.082	0.0100	8.965	0.2144	0.0917	115	0.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	9.085	0.1100	8.965	0.2144	0.0917	115	0.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	9.100	0.0000	8.965	0.2144	0.0917	115	0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	9.100	0.0000	8.965	0.2144	0.0917	115	0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	9.110	0.0200	8.965	0.2144	0.0917	115	0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	9.115	0.1100	8.965	0.2144	0.0917	115	0.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	9.135	0.0020	8.965	0.2144	0.0917	115	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	9.153	0.0520	8.965	0.2144	0.0917	115	0.88	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0914	9.155	0.0700	8.965	0.2144	0.0917	115	0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	9.165	0.1700	8.965	0.2144	0.0917	115	0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	9.165	0.0100	8.965	0.2144	0.0917	115	0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	9.175	0.0700	8.965	0.2144	0.0917	115	0.98	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	9.189	0.0602	8.965	0.2144	0.0917	115	1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	9.190	0.1200	8.965	0.2144	0.0917	115	1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0413	9.200	0.0000	8.965	0.2144	0.0917	115	1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	9.205	0.0900	8.965	0.2144	0.0917	115	1.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	9.215	0.0700	8.965	0.2144	0.0917	115	1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	9.230	0.0000	8.965	0.2144	0.0917	115	1.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	9.250	0.5000	8.965	0.2144	0.0917	115	1.33	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	9.260	0.0000	8.965	0.2144	0.0917	115	1.38	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	9.265	0.1100	8.965	0.2144	0.0917	115	1.40	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	9.320	0.0400	8.965	0.2144	0.0917	115	1.66	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	9.348	0.0600	8.965	0.2144	0.0917	115	1.79	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2033	9.400	0.0800	8.965	0.2144	0.0917	115	2.03	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	9.400	0.1400	8.965	0.2144	0.0917	115	2.03	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	9.417	0.0390	8.965	0.2144	0.0917	115	2.11	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	9.487	0.0100	8.965	0.2144	0.0917	115	2.43	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	9.690	0.0400	8.965	0.2144	0.0917	115	3.38	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	9.750	0.0000	8.965	0.2144	0.0917	115	3.66	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	10.25	0.0000	8.965	0.2144	0.0917	115	5.99	7%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	10.38	0.1300	8.965	0.2144	0.0917	115	6.58	8%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2178	11.27	0.2000	8.965	0.2144	0.0917	115	10.75	13%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	8.380	0.5440	8.965	0.2144	0.0917	115	-2.73	3%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	9.095	0.5300	8.965	0.2144	0.0917	115	0.61	1%	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			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	9.210	0.6800	8.965	0.2144	0.0917	115	1.14	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2216	1.414	0.0100	8.965	0.2144	0.0917	115	-35.22	42%	2
002.08	Protein, Crude, Cu/Ti (%)	0098	8.935	0.0500				2			0
002.08	Protein, Crude, Cu/Ti (%)	0563	10.43	0.1566				2			0
002.11	Protein, Crude, NIR (%)	0011	8.810	0.0000				2			0
002.11	Protein, Crude, NIR (%)	2302	9.680	0.0400				2			0
002.99	Protein, Crude, Miscellaneous (%)	0643	8.720	0.1800				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	0.3680	0.0385	0.8029	0.2092	0.0443	9	-2.08	27%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	0.6350	0.0100	0.8029	0.2092	0.0443	9	-0.80	10%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2058	0.7400	0.0200	0.8029	0.2092	0.0443	9	-0.30	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2053	0.7450	0.0100	0.8029	0.2092	0.0443	9	-0.28	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	0.7650	0.1500	0.8029	0.2092	0.0443	9	-0.18	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	0.8650	0.0300	0.8029	0.2092	0.0443	9	0.30	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2144	0.9300	0.0400	0.8029	0.2092	0.0443	9	0.61	8%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	0.9400	0.0800	0.8029	0.2092	0.0443	9	0.66	9%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2322	1.900	0.0200	0.8029	0.2092	0.0443	9	5.24	68%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	0.6650	0.0500				1			0
003.06	Fat, Crude, Pet Ether (%)	0939	0.5150	0.0900	0.7646	0.1808	0.0686	14	-1.38	16%	0
003.06	Fat, Crude, Pet Ether (%)	2033	0.6100	0.0200	0.7646	0.1808	0.0686	14	-0.85	10%	0
003.06	Fat, Crude, Pet Ether (%)	0910	0.6400	0.1800	0.7646	0.1808	0.0686	14	-0.69	8%	0
003.06	Fat, Crude, Pet Ether (%)	0425	0.6600	0.0200	0.7646	0.1808	0.0686	14	-0.58	7%	0
003.06	Fat, Crude, Pet Ether (%)	0687	0.6750	0.0500	0.7646	0.1808	0.0686	14	-0.50	6%	0
003.06	Fat, Crude, Pet Ether (%)	0689	0.7000	0.0000	0.7646	0.1808	0.0686	14	-0.36	4%	0
003.06	Fat, Crude, Pet Ether (%)	0918	0.7450	0.0700	0.7646	0.1808	0.0686	14	-0.11	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	0.7480	0.0100	0.7646	0.1808	0.0686	14	-0.09	1%	0
003.06	Fat, Crude, Pet Ether (%)	0884	0.7500	0.1000	0.7646	0.1808	0.0686	14	-0.08	1%	0
003.06	Fat, Crude, Pet Ether (%)	0229	0.7750	0.2500	0.7646	0.1808	0.0686	14	0.06	1%	0
003.06	Fat, Crude, Pet Ether (%)	0169	0.8150	0.0100	0.7646	0.1808	0.0686	14	0.28	3%	0
003.06	Fat, Crude, Pet Ether (%)	0682	1.000	0.0000	0.7646	0.1808	0.0686	14	1.30	15%	0
003.06	Fat, Crude, Pet Ether (%)	0294	1.035	0.0300	0.7646	0.1808	0.0686	14	1.50	18%	0
003.06	Fat, Crude, Pet Ether (%)	2268	1.275	0.1300	0.7646	0.1808	0.0686	14	2.82	33%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	0.5550	0.0300	0.8978	0.2704	0.0382	13	-1.27	19%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	0.6050	0.0100	0.8978	0.2704	0.0382	13	-1.08	16%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	0.6050	0.0300	0.8978	0.2704	0.0382	13	-1.08	16%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	0.7550	0.1100	0.8978	0.2704	0.0382	13	-0.53	8%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2012	0.8100	0.0800	0.8978	0.2704	0.0382	13	-0.32	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0674	0.8900	0.0000	0.8978	0.2704	0.0382	13	-0.03	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	0.9000	0.0000	0.8978	0.2704	0.0382	13	0.01	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	0.9350	0.0100	0.8978	0.2704	0.0382	13	0.14	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	0.9750	0.0300	0.8978	0.2704	0.0382	13	0.29	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	1.015	0.0100	0.8978	0.2704	0.0382	13	0.43	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	1.020	0.0600	0.8978	0.2704	0.0382	13	0.45	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	1.495	0.0500	0.8978	0.2704	0.0382	13	2.21	33%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	1.522	0.0764	0.8978	0.2704	0.0382	13	2.31	35%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	16.17	0.0340	0.8978	0.2704	0.0382	13	56.50	851%	2
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	0.3600	0.0400	0.6432	0.2120	0.0339	26	-1.34	22%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	0.3685	0.0930	0.6432	0.2120	0.0339	26	-1.30	21%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	0.3715	0.0070	0.6432	0.2120	0.0339	26	-1.28	21%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	0.3825	0.0210	0.6432	0.2120	0.0339	26	-1.23	20%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	0.4200	0.0200	0.6432	0.2120	0.0339	26	-1.05	17%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	0.4300	0.0000	0.6432	0.2120	0.0339	26	-1.01	17%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	0.5100	0.0800	0.6432	0.2120	0.0339	26	-0.63	10%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	0.5257	0.0128	0.6432	0.2120	0.0339	26	-0.55	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	0.5900	0.0000	0.6432	0.2120	0.0339	26	-0.25	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	0.6000	0.0000	0.6432	0.2120	0.0339	26	-0.20	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	0.6000	0.0000	0.6432	0.2120	0.0339	26	-0.20	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	0.6100	0.0400	0.6432	0.2120	0.0339	26	-0.16	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	0.6300	0.0400	0.6432	0.2120	0.0339	26	-0.06	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	0.6450	0.0300	0.6432	0.2120	0.0339	26	0.01	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	0.7000	0.0000	0.6432	0.2120	0.0339	26	0.27	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2089	0.7000	0.0800	0.6432	0.2120	0.0339	26	0.27	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	0.7000	0.0000	0.6432	0.2120	0.0339	26	0.27	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	0.7100	0.0400	0.6432	0.2120	0.0339	26	0.32	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	0.7500	0.0600	0.6432	0.2120	0.0339	26	0.50	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	0.7650	0.0120	0.6432	0.2120	0.0339	26	0.57	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	0.8135	0.0690	0.6432	0.2120	0.0339	26	0.80	13%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	0.8170	0.0220	0.6432	0.2120	0.0339	26	0.82	14%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	0.8400	0.0240	0.6432	0.2120	0.0339	26	0.93	15%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	1.005	0.0100	0.6432	0.2120	0.0339	26	1.71	28%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	1.045	0.0900	0.6432	0.2120	0.0339	26	1.90	31%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	1.155	0.0900	0.6432	0.2120	0.0339	26	2.41	40%	0
003.11	Fat, Crude, NIR (%)	2302	0.6650	0.0300				2			0
003.11	Fat, Crude, NIR (%)	0011	1.110	0.0000				2			0
003.12	Fat, Crude, Hexane Ext (%)	0171	0.5000	0.0600				2			0
003.12	Fat, Crude, Hexane Ext (%)	0893	0.5050	0.0100				2			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2326	0.4350	0.0300	0.6426	0.1798	0.0105	7	-1.16	16%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0033	0.4650	0.0100	0.6426	0.1798	0.0105	7	-0.99	14%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0208	0.5795	0.0030	0.6426	0.1798	0.0105	7	-0.35	5%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	0.6600	0.0000	0.6426	0.1798	0.0105	7	0.10	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	0.7200	0.0200	0.6426	0.1798	0.0105	7	0.43	6%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	0.7790	0.0102	0.6426	0.1798	0.0105	7	0.76	11%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	0.8600	0.0000	0.6426	0.1798	0.0105	7	1.21	17%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	0.7750	0.1300	0.6426	0.1798	0.0105	7	0.74	10%	1
003.14	Fat, Crude, Ankom (%)	2129	0.2390	0.0860	0.6918	0.2186	0.0902	52	-2.07	33%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0175	0.2550	0.0100	0.6918	0.2186	0.0902	52	-2.00	32%	0
003.14	Fat, Crude, Ankom (%)	0265	0.3600	0.0200	0.6918	0.2186	0.0902	52	-1.52	24%	0
003.14	Fat, Crude, Ankom (%)	0186	0.3750	0.0300	0.6918	0.2186	0.0902	52	-1.45	23%	0
003.14	Fat, Crude, Ankom (%)	0202	0.4460	0.0820	0.6918	0.2186	0.0902	52	-1.12	18%	0
003.14	Fat, Crude, Ankom (%)	0357	0.4800	0.0400	0.6918	0.2186	0.0902	52	-0.97	15%	0
003.14	Fat, Crude, Ankom (%)	0089	0.4850	0.0300	0.6918	0.2186	0.0902	52	-0.95	15%	0
003.14	Fat, Crude, Ankom (%)	0066	0.4950	0.0700	0.6918	0.2186	0.0902	52	-0.90	14%	0
003.14	Fat, Crude, Ankom (%)	0619	0.5085	0.1170	0.6918	0.2186	0.0902	52	-0.84	13%	0
003.14	Fat, Crude, Ankom (%)	0037	0.5100	0.2200	0.6918	0.2186	0.0902	52	-0.83	13%	0
003.14	Fat, Crude, Ankom (%)	0004	0.5150	0.0900	0.6918	0.2186	0.0902	52	-0.81	13%	0
003.14	Fat, Crude, Ankom (%)	0108	0.5250	0.2500	0.6918	0.2186	0.0902	52	-0.76	12%	0
003.14	Fat, Crude, Ankom (%)	0878	0.5350	0.0700	0.6918	0.2186	0.0902	52	-0.72	11%	0
003.14	Fat, Crude, Ankom (%)	0019	0.5400	0.0200	0.6918	0.2186	0.0902	52	-0.69	11%	0
003.14	Fat, Crude, Ankom (%)	0581	0.5400	0.0800	0.6918	0.2186	0.0902	52	-0.69	11%	0
003.14	Fat, Crude, Ankom (%)	0034	0.5700	0.0400	0.6918	0.2186	0.0902	52	-0.56	9%	0
003.14	Fat, Crude, Ankom (%)	0001	0.5935	0.0709	0.6918	0.2186	0.0902	52	-0.45	7%	0
003.14	Fat, Crude, Ankom (%)	0358	0.6000	0.0200	0.6918	0.2186	0.0902	52	-0.42	7%	0
003.14	Fat, Crude, Ankom (%)	0009	0.6050	0.2500	0.6918	0.2186	0.0902	52	-0.40	6%	0
003.14	Fat, Crude, Ankom (%)	0407	0.6062	0.3355	0.6918	0.2186	0.0902	52	-0.39	6%	0
003.14	Fat, Crude, Ankom (%)	2076	0.6207	0.1008	0.6918	0.2186	0.0902	52	-0.33	5%	0
003.14	Fat, Crude, Ankom (%)	0948	0.6250	0.0100	0.6918	0.2186	0.0902	52	-0.31	5%	0
003.14	Fat, Crude, Ankom (%)	0511	0.6300	0.0200	0.6918	0.2186	0.0902	52	-0.28	4%	0
003.14	Fat, Crude, Ankom (%)	2146	0.6350	0.0100	0.6918	0.2186	0.0902	52	-0.26	4%	0
003.14	Fat, Crude, Ankom (%)	0144	0.6500	0.3400	0.6918	0.2186	0.0902	52	-0.19	3%	0
003.14	Fat, Crude, Ankom (%)	0956	0.6500	0.1000	0.6918	0.2186	0.0902	52	-0.19	3%	0
003.14	Fat, Crude, Ankom (%)	2144	0.6800	0.0400	0.6918	0.2186	0.0902	52	-0.05	1%	0
003.14	Fat, Crude, Ankom (%)	0868	0.6900	0.0400	0.6918	0.2186	0.0902	52	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0574	0.7150	0.1100	0.6918	0.2186	0.0902	52	0.11	2%	0
003.14	Fat, Crude, Ankom (%)	0074	0.7200	0.3800	0.6918	0.2186	0.0902	52	0.13	2%	0
003.14	Fat, Crude, Ankom (%)	0529	0.7250	0.0100	0.6918	0.2186	0.0902	52	0.15	2%	0
003.14	Fat, Crude, Ankom (%)	0598	0.7300	0.0600	0.6918	0.2186	0.0902	52	0.17	3%	0
003.14	Fat, Crude, Ankom (%)	0148	0.7450	0.0900	0.6918	0.2186	0.0902	52	0.24	4%	0
003.14	Fat, Crude, Ankom (%)	0912	0.7450	0.0700	0.6918	0.2186	0.0902	52	0.24	4%	0
003.14	Fat, Crude, Ankom (%)	0848	0.7650	0.0300	0.6918	0.2186	0.0902	52	0.33	5%	0
003.14	Fat, Crude, Ankom (%)	0083	0.7900	0.0000	0.6918	0.2186	0.0902	52	0.45	7%	0
003.14	Fat, Crude, Ankom (%)	0692	0.8000	0.2000	0.6918	0.2186	0.0902	52	0.49	8%	0
003.14	Fat, Crude, Ankom (%)	0171	0.8050	0.1700	0.6918	0.2186	0.0902	52	0.52	8%	0
003.14	Fat, Crude, Ankom (%)	0904	0.8250	0.1100	0.6918	0.2186	0.0902	52	0.61	10%	0
003.14	Fat, Crude, Ankom (%)	0278	0.8500	0.1000	0.6918	0.2186	0.0902	52	0.72	11%	0
003.14	Fat, Crude, Ankom (%)	0726	0.8550	0.0100	0.6918	0.2186	0.0902	52	0.75	12%	0
003.14	Fat, Crude, Ankom (%)	0682	0.8700	0.0000	0.6918	0.2186	0.0902	52	0.82	13%	0
003.14	Fat, Crude, Ankom (%)	0298	0.8900	0.0200	0.6918	0.2186	0.0902	52	0.91	14%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0229	0.9300	0.0000	0.6918	0.2186	0.0902	52	1.09	17%	0
003.14	Fat, Crude, Ankom (%)	0505	0.9350	0.0500	0.6918	0.2186	0.0902	52	1.11	18%	0
003.14	Fat, Crude, Ankom (%)	0003	0.9800	0.0600	0.6918	0.2186	0.0902	52	1.32	21%	0
003.14	Fat, Crude, Ankom (%)	0520	1.000	0.0400	0.6918	0.2186	0.0902	52	1.41	22%	0
003.14	Fat, Crude, Ankom (%)	0049	1.075	0.1900	0.6918	0.2186	0.0902	52	1.75	28%	0
003.14	Fat, Crude, Ankom (%)	2302	1.095	0.3100	0.6918	0.2186	0.0902	52	1.84	29%	0
003.14	Fat, Crude, Ankom (%)	0968	1.105	0.0300	0.6918	0.2186	0.0902	52	1.89	30%	0
003.14	Fat, Crude, Ankom (%)	0190	1.155	0.0300	0.6918	0.2186	0.0902	52	2.12	33%	0
003.14	Fat, Crude, Ankom (%)	2143	1.755	0.0300	0.6918	0.2186	0.0902	52	4.86	77%	0
003.14	Fat, Crude, Ankom (%)	0853	0.6500	0.5000	0.6918	0.2186	0.0902	52	-0.19	3%	1
003.14	Fat, Crude, Ankom (%)	0876	< 0.5		0.6918	0.2186	0.0902	52			5
003.14	Fat, Crude, Ankom (%)	0413	< 1		0.6918	0.2186	0.0902	52			5
003.99	Fat, Crude, Miscellaneous (%)	0536	0.9300	0.0200				3			0
003.99	Fat, Crude, Miscellaneous (%)	0160	1.000	0.2000				3			0
003.99	Fat, Crude, Miscellaneous (%)	0656	1.160	0.0000				3			0
003.99	Fat, Crude, Miscellaneous (%)	0880	0.3500	0.7000				3			4
004.00	Fiber, Crude, Asbestos Free (%)	2146	14.46	0.0400	16.30	0.8626	0.2602	16	-2.13	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	14.89	0.0700	16.30	0.8626	0.2602	16	-1.64	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	15.43	0.2600	16.30	0.8626	0.2602	16	-1.01	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0013	15.59	0.1700	16.30	0.8626	0.2602	16	-0.83	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	15.68	0.1100	16.30	0.8626	0.2602	16	-0.73	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	16.19	0.2688	16.30	0.8626	0.2602	16	-0.13	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	16.41	0.1400	16.30	0.8626	0.2602	16	0.13	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	16.45	0.3000	16.30	0.8626	0.2602	16	0.17	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	16.45	0.3000	16.30	0.8626	0.2602	16	0.17	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	16.57	0.0800	16.30	0.8626	0.2602	16	0.31	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	16.72	0.2100	16.30	0.8626	0.2602	16	0.48	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	16.75	0.1000	16.30	0.8626	0.2602	16	0.52	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2264	16.88	0.0149	16.30	0.8626	0.2602	16	0.67	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	16.95	0.9000	16.30	0.8626	0.2602	16	0.75	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	17.15	0.3000	16.30	0.8626	0.2602	16	0.98	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	19.15	0.9000	16.30	0.8626	0.2602	16	3.30	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	17.73	1.727	16.30	0.8626	0.2602	16	1.66	4%	1
004.01	Fiber, Crude, Sing Filt (%)	2144	14.57	0.1600				2			0
004.01	Fiber, Crude, Sing Filt (%)	0366	16.75	0.5000				2			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	14.60	0.3200	15.96	0.9743	0.1560	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	15.34	0.1500	15.96	0.9743	0.1560	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2058	16.26	0.1400	15.96	0.9743	0.1560	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	16.73	0.1000	15.96	0.9743	0.1560	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	16.90	0.0700	15.96	0.9743	0.1560	5			0
004.06	Fiber, Crude, Fibertec (%)	0098	15.66	0.2400	16.27	0.4631	0.1455	17	-1.32	2%	0
004.06	Fiber, Crude, Fibertec (%)	0968	15.80	0.1100	16.27	0.4631	0.1455	17	-1.03	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Crude, Fibertec (%)	0948	15.81	0.0400	16.27	0.4631	0.1455	17	-1.00	1%	0
004.06	Fiber, Crude, Fibertec (%)	0897	15.89	0.0100	16.27	0.4631	0.1455	17	-0.84	1%	0
004.06	Fiber, Crude, Fibertec (%)	0868	16.07	0.1400	16.27	0.4631	0.1455	17	-0.44	1%	0
004.06	Fiber, Crude, Fibertec (%)	2319	16.10	0.6000	16.27	0.4631	0.1455	17	-0.37	1%	0
004.06	Fiber, Crude, Fibertec (%)	0918	16.15	0.1500	16.27	0.4631	0.1455	17	-0.27	0%	0
004.06	Fiber, Crude, Fibertec (%)	0674	16.15	0.0000	16.27	0.4631	0.1455	17	-0.26	0%	0
004.06	Fiber, Crude, Fibertec (%)	2022	16.15	0.0200	16.27	0.4631	0.1455	17	-0.26	0%	0
004.06	Fiber, Crude, Fibertec (%)	0027	16.17	0.0340	16.27	0.4631	0.1455	17	-0.21	0%	0
004.06	Fiber, Crude, Fibertec (%)	2006	16.29	0.2300	16.27	0.4631	0.1455	17	0.03	0%	0
004.06	Fiber, Crude, Fibertec (%)	0676	16.42	0.2900	16.27	0.4631	0.1455	17	0.31	0%	0
004.06	Fiber, Crude, Fibertec (%)	0689	16.50	0.0000	16.27	0.4631	0.1455	17	0.49	1%	0
004.06	Fiber, Crude, Fibertec (%)	0941	16.66	0.3200	16.27	0.4631	0.1455	17	0.84	1%	0
004.06	Fiber, Crude, Fibertec (%)	0878	16.90	0.0100	16.27	0.4631	0.1455	17	1.34	2%	0
004.06	Fiber, Crude, Fibertec (%)	0610	17.00	0.2000	16.27	0.4631	0.1455	17	1.57	2%	0
004.06	Fiber, Crude, Fibertec (%)	0893	17.54	0.0800	16.27	0.4631	0.1455	17	2.74	4%	0
004.07	Fiber, Crude, ANKOM (%)	0413	14.55	0.9000	16.29	0.8794	0.2940	70	-1.98	5%	0
004.07	Fiber, Crude, ANKOM (%)	0265	14.70	0.2000	16.29	0.8794	0.2940	70	-1.81	5%	0
004.07	Fiber, Crude, ANKOM (%)	2012	14.84	0.1600	16.29	0.8794	0.2940	70	-1.65	4%	0
004.07	Fiber, Crude, ANKOM (%)	2033	14.85	0.3000	16.29	0.8794	0.2940	70	-1.64	4%	0
004.07	Fiber, Crude, ANKOM (%)	0619	14.90	0.2000	16.29	0.8794	0.2940	70	-1.58	4%	0
004.07	Fiber, Crude, ANKOM (%)	0644	14.99	0.0130	16.29	0.8794	0.2940	70	-1.48	4%	0
004.07	Fiber, Crude, ANKOM (%)	0683	15.06	0.0500	16.29	0.8794	0.2940	70	-1.41	4%	0
004.07	Fiber, Crude, ANKOM (%)	0100	15.34	0.5900	16.29	0.8794	0.2940	70	-1.09	3%	0
004.07	Fiber, Crude, ANKOM (%)	0563	15.40	0.0405	16.29	0.8794	0.2940	70	-1.01	3%	0
004.07	Fiber, Crude, ANKOM (%)	0910	15.45	0.9000	16.29	0.8794	0.2940	70	-0.96	3%	0
004.07	Fiber, Crude, ANKOM (%)	0956	15.55	0.5000	16.29	0.8794	0.2940	70	-0.84	2%	0
004.07	Fiber, Crude, ANKOM (%)	2304	15.55	0.1000	16.29	0.8794	0.2940	70	-0.84	2%	0
004.07	Fiber, Crude, ANKOM (%)	0229	15.62	1.370	16.29	0.8794	0.2940	70	-0.77	2%	0
004.07	Fiber, Crude, ANKOM (%)	2143	15.65	0.2300	16.29	0.8794	0.2940	70	-0.74	2%	0
004.07	Fiber, Crude, ANKOM (%)	0190	15.65	0.1000	16.29	0.8794	0.2940	70	-0.73	2%	0
004.07	Fiber, Crude, ANKOM (%)	0708	15.65	0.3000	16.29	0.8794	0.2940	70	-0.73	2%	0
004.07	Fiber, Crude, ANKOM (%)	0510	15.70	0.4000	16.29	0.8794	0.2940	70	-0.67	2%	0
004.07	Fiber, Crude, ANKOM (%)	2053	15.74	0.2000	16.29	0.8794	0.2940	70	-0.63	2%	0
004.07	Fiber, Crude, ANKOM (%)	0948	15.75	0.2700	16.29	0.8794	0.2940	70	-0.62	2%	0
004.07	Fiber, Crude, ANKOM (%)	2144	15.80	0.5100	16.29	0.8794	0.2940	70	-0.57	2%	0
004.07	Fiber, Crude, ANKOM (%)	0505	15.83	0.3000	16.29	0.8794	0.2940	70	-0.53	1%	0
004.07	Fiber, Crude, ANKOM (%)	0160	15.85	1.300	16.29	0.8794	0.2940	70	-0.50	1%	0
004.07	Fiber, Crude, ANKOM (%)	0035	15.86	0.0500	16.29	0.8794	0.2940	70	-0.50	1%	0
004.07	Fiber, Crude, ANKOM (%)	0675	15.90	0.2300	16.29	0.8794	0.2940	70	-0.45	1%	0
004.07	Fiber, Crude, ANKOM (%)	0726	15.94	0.0200	16.29	0.8794	0.2940	70	-0.40	1%	0
004.07	Fiber, Crude, ANKOM (%)	0294	15.95	0.1000	16.29	0.8794	0.2940	70	-0.39	1%	0
004.07	Fiber, Crude, ANKOM (%)	0407	15.95	0.5723	16.29	0.8794	0.2940	70	-0.39	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0098	15.98	0.2000	16.29	0.8794	0.2940	70	-0.36	1%	0
004.07	Fiber, Crude, ANKOM (%)	0004	15.99	0.4300	16.29	0.8794	0.2940	70	-0.35	1%	0
004.07	Fiber, Crude, ANKOM (%)	0144	16.05	0.3800	16.29	0.8794	0.2940	70	-0.28	1%	0
004.07	Fiber, Crude, ANKOM (%)	0643	16.08	0.7600	16.29	0.8794	0.2940	70	-0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	0083	16.10	0.0600	16.29	0.8794	0.2940	70	-0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	0881	16.27	0.2600	16.29	0.8794	0.2940	70	-0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0870	16.27	0.1836	16.29	0.8794	0.2940	70	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	2188	16.31	0.1000	16.29	0.8794	0.2940	70	0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0536	16.32	0.0300	16.29	0.8794	0.2940	70	0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	2146	16.33	0.2100	16.29	0.8794	0.2940	70	0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0939	16.34	0.1600	16.29	0.8794	0.2940	70	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0581	16.35	0.1000	16.29	0.8794	0.2940	70	0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0914	16.35	0.7000	16.29	0.8794	0.2940	70	0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0848	16.38	0.1500	16.29	0.8794	0.2940	70	0.09	0%	0
004.07	Fiber, Crude, ANKOM (%)	0096	16.42	0.2800	16.29	0.8794	0.2940	70	0.15	0%	0
004.07	Fiber, Crude, ANKOM (%)	0009	16.46	0.2100	16.29	0.8794	0.2940	70	0.18	0%	0
004.07	Fiber, Crude, ANKOM (%)	0656	16.50	0.0000	16.29	0.8794	0.2940	70	0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	2009	16.51	0.0892	16.29	0.8794	0.2940	70	0.25	1%	0
004.07	Fiber, Crude, ANKOM (%)	0968	16.60	0.1100	16.29	0.8794	0.2940	70	0.34	1%	0
004.07	Fiber, Crude, ANKOM (%)	0034	16.60	0.4000	16.29	0.8794	0.2940	70	0.35	1%	0
004.07	Fiber, Crude, ANKOM (%)	2302	16.63	0.1400	16.29	0.8794	0.2940	70	0.38	1%	0
004.07	Fiber, Crude, ANKOM (%)	0529	16.63	0.2000	16.29	0.8794	0.2940	70	0.38	1%	0
004.07	Fiber, Crude, ANKOM (%)	0298	16.70	0.2000	16.29	0.8794	0.2940	70	0.46	1%	0
004.07	Fiber, Crude, ANKOM (%)	0278	16.75	0.3000	16.29	0.8794	0.2940	70	0.52	1%	0
004.07	Fiber, Crude, ANKOM (%)	0123	16.78	0.1100	16.29	0.8794	0.2940	70	0.55	1%	0
004.07	Fiber, Crude, ANKOM (%)	0876	16.80	0.2000	16.29	0.8794	0.2940	70	0.58	2%	0
004.07	Fiber, Crude, ANKOM (%)	2196	16.83	0.0000	16.29	0.8794	0.2940	70	0.61	2%	0
004.07	Fiber, Crude, ANKOM (%)	0354	16.86	0.0300	16.29	0.8794	0.2940	70	0.64	2%	0
004.07	Fiber, Crude, ANKOM (%)	0520	17.00	0.4000	16.29	0.8794	0.2940	70	0.80	2%	0
004.07	Fiber, Crude, ANKOM (%)	0598	17.18	0.0100	16.29	0.8794	0.2940	70	1.00	3%	0
004.07	Fiber, Crude, ANKOM (%)	0066	17.22	0.3800	16.29	0.8794	0.2940	70	1.05	3%	0
004.07	Fiber, Crude, ANKOM (%)	0693	17.24	0.0970	16.29	0.8794	0.2940	70	1.08	3%	0
004.07	Fiber, Crude, ANKOM (%)	0511	17.25	0.3000	16.29	0.8794	0.2940	70	1.09	3%	0
004.07	Fiber, Crude, ANKOM (%)	0042	17.31	0.4100	16.29	0.8794	0.2940	70	1.15	3%	0
004.07	Fiber, Crude, ANKOM (%)	0682	17.40	0.0000	16.29	0.8794	0.2940	70	1.26	3%	0
004.07	Fiber, Crude, ANKOM (%)	0242	17.50	0.7700	16.29	0.8794	0.2940	70	1.37	4%	0
004.07	Fiber, Crude, ANKOM (%)	0074	17.55	0.2900	16.29	0.8794	0.2940	70	1.42	4%	0
004.07	Fiber, Crude, ANKOM (%)	2109	17.67	0.4500	16.29	0.8794	0.2940	70	1.56	4%	0
004.07	Fiber, Crude, ANKOM (%)	0553	17.79	0.8300	16.29	0.8794	0.2940	70	1.70	5%	0
004.07	Fiber, Crude, ANKOM (%)	0019	18.19	0.4800	16.29	0.8794	0.2940	70	2.16	6%	0
004.07	Fiber, Crude, ANKOM (%)	0589	18.81	0.2100	16.29	0.8794	0.2940	70	2.86	8%	0
004.07	Fiber, Crude, ANKOM (%)	0263	18.85	0.0370	16.29	0.8794	0.2940	70	2.91	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.07	Fiber, Crude, ANKOM (%)	0202	19.13	0.0200	16.29	0.8794	0.2940	70	3.23	9%	0
004.07	Fiber, Crude, ANKOM (%)	0692	16.85	2.100	16.29	0.8794	0.2940	70	0.63	2%	1
004.07	Fiber, Crude, ANKOM (%)	0045	19.95	2.100	16.29	0.8794	0.2940	70	4.16	11%	1
004.11	Fiber, Crude, NIR (%)	0011	18.40	0.0000				1			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	15.93	0.0330				1			0
005.00	Ash, 2h @ 600°C (%)	2322	8.500	0.0200	9.639	0.3722	0.1193	87	-3.06	6%	0
005.00	Ash, 2h @ 600°C (%)	2033	8.600	0.4000	9.639	0.3722	0.1193	87	-2.79	5%	0
005.00	Ash, 2h @ 600°C (%)	2143	8.600	0.1000	9.639	0.3722	0.1193	87	-2.79	5%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.700	0.0000	9.639	0.3722	0.1193	87	-2.52	5%	0
005.00	Ash, 2h @ 600°C (%)	0169	8.720	0.1200	9.639	0.3722	0.1193	87	-2.47	5%	0
005.00	Ash, 2h @ 600°C (%)	0144	8.895	0.0100	9.639	0.3722	0.1193	87	-2.00	4%	0
005.00	Ash, 2h @ 600°C (%)	0539	8.965	0.0300	9.639	0.3722	0.1193	87	-1.81	3%	0
005.00	Ash, 2h @ 600°C (%)	0953	8.980	0.3800	9.639	0.3722	0.1193	87	-1.77	3%	0
005.00	Ash, 2h @ 600°C (%)	0019	9.050	0.3000	9.639	0.3722	0.1193	87	-1.58	3%	0
005.00	Ash, 2h @ 600°C (%)	2268	9.075	0.0900	9.639	0.3722	0.1193	87	-1.52	3%	0
005.00	Ash, 2h @ 600°C (%)	0027	9.104	0.0930	9.639	0.3722	0.1193	87	-1.44	3%	0
005.00	Ash, 2h @ 600°C (%)	0186	9.147	0.0170	9.639	0.3722	0.1193	87	-1.32	3%	0
005.00	Ash, 2h @ 600°C (%)	0004	9.255	0.1100	9.639	0.3722	0.1193	87	-1.03	2%	0
005.00	Ash, 2h @ 600°C (%)	0208	9.260	0.2800	9.639	0.3722	0.1193	87	-1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0511	9.270	0.3000	9.639	0.3722	0.1193	87	-0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0042	9.280	0.1400	9.639	0.3722	0.1193	87	-0.97	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	9.290	0.2000	9.639	0.3722	0.1193	87	-0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0529	9.330	0.0400	9.639	0.3722	0.1193	87	-0.83	2%	0
005.00	Ash, 2h @ 600°C (%)	0956	9.350	0.1000	9.639	0.3722	0.1193	87	-0.78	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	9.375	0.1100	9.639	0.3722	0.1193	87	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	9.406	0.2090	9.639	0.3722	0.1193	87	-0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	2076	9.424	0.0855	9.639	0.3722	0.1193	87	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	9.440	0.1400	9.639	0.3722	0.1193	87	-0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	9.440	0.1000	9.639	0.3722	0.1193	87	-0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	9.455	0.0100	9.639	0.3722	0.1193	87	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0656	9.460	0.0000	9.639	0.3722	0.1193	87	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	9.470	0.0200	9.639	0.3722	0.1193	87	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	2302	9.485	0.1100	9.639	0.3722	0.1193	87	-0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	9.510	0.1000	9.639	0.3722	0.1193	87	-0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	9.515	0.1300	9.639	0.3722	0.1193	87	-0.33	1%	0
005.00	Ash, 2h @ 600°C (%)	2053	9.545	0.1100	9.639	0.3722	0.1193	87	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	9.565	0.0100	9.639	0.3722	0.1193	87	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	9.570	0.0000	9.639	0.3722	0.1193	87	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	9.575	0.1100	9.639	0.3722	0.1193	87	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	9.590	0.0600	9.639	0.3722	0.1193	87	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0914	9.590	0.1200	9.639	0.3722	0.1193	87	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	9.595	0.1500	9.639	0.3722	0.1193	87	-0.12	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0366	9.600	0.0000	9.639	0.3722	0.1193	87	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	9.615	0.0900	9.639	0.3722	0.1193	87	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	9.640	0.1265	9.639	0.3722	0.1193	87	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	9.640	0.1400	9.639	0.3722	0.1193	87	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	9.645	0.0500	9.639	0.3722	0.1193	87	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	9.650	0.1000	9.639	0.3722	0.1193	87	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0853	9.650	0.3000	9.639	0.3722	0.1193	87	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	9.660	0.0200	9.639	0.3722	0.1193	87	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0574	9.665	0.0700	9.639	0.3722	0.1193	87	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	9.675	0.0300	9.639	0.3722	0.1193	87	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0650	9.675	0.1900	9.639	0.3722	0.1193	87	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	9.695	0.0100	9.639	0.3722	0.1193	87	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	9.715	0.1370	9.639	0.3722	0.1193	87	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	9.720	0.1000	9.639	0.3722	0.1193	87	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	9.726	0.1966	9.639	0.3722	0.1193	87	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	9.745	0.1500	9.639	0.3722	0.1193	87	0.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	9.750	0.0800	9.639	0.3722	0.1193	87	0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0033	9.770	0.1800	9.639	0.3722	0.1193	87	0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	9.770	0.2600	9.639	0.3722	0.1193	87	0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	9.775	0.3300	9.639	0.3722	0.1193	87	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	9.830	0.1600	9.639	0.3722	0.1193	87	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	9.835	0.2700	9.639	0.3722	0.1193	87	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	9.845	0.0300	9.639	0.3722	0.1193	87	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	9.850	0.1000	9.639	0.3722	0.1193	87	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	9.850	0.1000	9.639	0.3722	0.1193	87	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	9.855	0.1700	9.639	0.3722	0.1193	87	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	9.860	0.0200	9.639	0.3722	0.1193	87	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	9.870	0.1000	9.639	0.3722	0.1193	87	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	9.882	0.1485	9.639	0.3722	0.1193	87	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	9.890	0.2000	9.639	0.3722	0.1193	87	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	9.905	0.0500	9.639	0.3722	0.1193	87	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	2264	9.922	0.0303	9.639	0.3722	0.1193	87	0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	9.925	0.0100	9.639	0.3722	0.1193	87	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	9.935	0.0300	9.639	0.3722	0.1193	87	0.79	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	9.945	0.0200	9.639	0.3722	0.1193	87	0.82	2%	0
005.00	Ash, 2h @ 600°C (%)	2196	9.970	0.0000	9.639	0.3722	0.1193	87	0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0968	9.975	0.0100	9.639	0.3722	0.1193	87	0.90	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	9.990	0.0600	9.639	0.3722	0.1193	87	0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0880	9.995	0.4100	9.639	0.3722	0.1193	87	0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	9.995	0.0500	9.639	0.3722	0.1193	87	0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0563	10.12	0.1110	9.639	0.3722	0.1193	87	1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	0520	10.12	0.0600	9.639	0.3722	0.1193	87	1.29	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0881	10.13	0.2070	9.639	0.3722	0.1193	87	1.32	3%	0
005.00	Ash, 2h @ 600°C (%)	2259	10.14	0.1650	9.639	0.3722	0.1193	87	1.34	3%	0
005.00	Ash, 2h @ 600°C (%)	0100	10.15	0.3200	9.639	0.3722	0.1193	87	1.37	3%	0
005.00	Ash, 2h @ 600°C (%)	0948	10.17	0.0100	9.639	0.3722	0.1193	87	1.41	3%	0
005.00	Ash, 2h @ 600°C (%)	0226	10.23	0.4400	9.639	0.3722	0.1193	87	1.59	3%	0
005.00	Ash, 2h @ 600°C (%)	0674	10.26	0.0000	9.639	0.3722	0.1193	87	1.67	3%	0
005.00	Ash, 2h @ 600°C (%)	0581	10.28	0.0900	9.639	0.3722	0.1193	87	1.71	3%	0
005.00	Ash, 2h @ 600°C (%)	2089	10.28	0.1400	9.639	0.3722	0.1193	87	1.72	3%	0
005.00	Ash, 2h @ 600°C (%)	2184	8.585	0.6100	9.639	0.3722	0.1193	87	-2.83	5%	1
005.02	Ash, LECO (%)	0644	9.595	0.3460				2			0
005.02	Ash, LECO (%)	0968	9.875	0.0300				2			0
005.03	Ash, Microwave furnace (%)	0912	9.550	0.3000				1			0
005.05	Ash, 3h @ 550°C (%)	0726	9.040	0.0600	9.971	0.3090	0.1134	34	-3.01	5%	0
005.05	Ash, 3h @ 550°C (%)	0893	9.360	0.0800	9.971	0.3090	0.1134	34	-1.98	3%	0
005.05	Ash, 3h @ 550°C (%)	0066	9.385	0.0500	9.971	0.3090	0.1134	34	-1.90	3%	0
005.05	Ash, 3h @ 550°C (%)	0003	9.420	0.0200	9.971	0.3090	0.1134	34	-1.78	3%	0
005.05	Ash, 3h @ 550°C (%)	0875	9.505	0.0100	9.971	0.3090	0.1134	34	-1.51	2%	0
005.05	Ash, 3h @ 550°C (%)	2109	9.595	0.0900	9.971	0.3090	0.1134	34	-1.22	2%	0
005.05	Ash, 3h @ 550°C (%)	0683	9.710	0.0000	9.971	0.3090	0.1134	34	-0.84	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	9.765	0.0100	9.971	0.3090	0.1134	34	-0.67	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	9.810	0.2800	9.971	0.3090	0.1134	34	-0.52	1%	0
005.05	Ash, 3h @ 550°C (%)	2012	9.850	0.0800	9.971	0.3090	0.1134	34	-0.39	1%	0
005.05	Ash, 3h @ 550°C (%)	2144	9.880	0.4800	9.971	0.3090	0.1134	34	-0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	9.900	0.0000	9.971	0.3090	0.1134	34	-0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	9.915	0.0300	9.971	0.3090	0.1134	34	-0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	2058	9.925	0.1100	9.971	0.3090	0.1134	34	-0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	9.930	0.0360	9.971	0.3090	0.1134	34	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	9.975	0.2900	9.971	0.3090	0.1134	34	0.01	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	9.978	0.2840	9.971	0.3090	0.1134	34	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	10.00	0.1200	9.971	0.3090	0.1134	34	0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	10.04	0.0200	9.971	0.3090	0.1134	34	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	10.04	0.0047	9.971	0.3090	0.1134	34	0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	10.10	0.0000	9.971	0.3090	0.1134	34	0.42	1%	0
005.05	Ash, 3h @ 550°C (%)	2264	10.10	0.1967	9.971	0.3090	0.1134	34	0.42	1%	0
005.05	Ash, 3h @ 550°C (%)	2216	10.10	0.1630	9.971	0.3090	0.1134	34	0.43	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	10.11	0.2100	9.971	0.3090	0.1134	34	0.43	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	10.19	0.0100	9.971	0.3090	0.1134	34	0.69	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	10.19	0.1000	9.971	0.3090	0.1134	34	0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	0878	10.20	0.1900	9.971	0.3090	0.1134	34	0.73	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	10.25	0.1000	9.971	0.3090	0.1134	34	0.90	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	10.25	0.1000	9.971	0.3090	0.1134	34	0.90	1%	0
005.05	Ash, 3h @ 550°C (%)	2319	10.25	0.3000	9.971	0.3090	0.1134	34	0.90	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			
005.05	Ash, 3h @ 550°C (%)	0904	10.30	0.1000	9.971	0.3090	0.1134	34	1.07	2%	0
005.05	Ash, 3h @ 550°C (%)	0190	10.32	0.1500	9.971	0.3090	0.1134	34	1.11	2%	0
005.05	Ash, 3h @ 550°C (%)	0868	10.38	0.0300	9.971	0.3090	0.1134	34	1.31	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	10.50	0.1500	9.971	0.3090	0.1134	34	1.71	3%	0
005.05	Ash, 3h @ 550°C (%)	0692	9.800	0.6000	9.971	0.3090	0.1134	34	-0.55	1%	1
005.99	Ash, Miscellaneous (%)	2081	8.225	0.4100	9.865	0.4373	0.2841	7	-3.75	8%	0
005.99	Ash, Miscellaneous (%)	0536	9.485	0.0100	9.865	0.4373	0.2841	7	-0.87	2%	0
005.99	Ash, Miscellaneous (%)	0096	9.923	0.6188	9.865	0.4373	0.2841	7	0.13	0%	0
005.99	Ash, Miscellaneous (%)	0884	9.950	0.3000	9.865	0.4373	0.2841	7	0.20	0%	0
005.99	Ash, Miscellaneous (%)	0202	10.01	0.0400	9.865	0.4373	0.2841	7	0.33	1%	0
005.99	Ash, Miscellaneous (%)	0676	10.18	0.0100	9.865	0.4373	0.2841	7	0.71	2%	0
005.99	Ash, Miscellaneous (%)	0910	10.30	0.6000	9.865	0.4373	0.2841	7	1.00	2%	0
006.00	Total Sugars, As sucrose (%)	0910	7.785	1.890				3			0
006.00	Total Sugars, As sucrose (%)	0407	8.397	0.3470				3			0
006.00	Total Sugars, As sucrose (%)	2319	9.850	0.1000				3			0
006.01	Total Sugars, Mod. Fehling Soln (%)	0693	11.26	0.6260				1			0
006.03	Total Sugars, Invert w/o Invrn (%)	0941	10.00	0.3400				2			0
006.03	Total Sugars, Invert w/o Invrn (%)	2192	10.58	0.8200				2			0
006.99	Total Sugars, Miscellaneous (%)	2216	8.458	0.7080	10.20	1.144	0.3948	8	-1.52	9%	0
006.99	Total Sugars, Miscellaneous (%)	0148	9.410	0.0200	10.20	1.144	0.3948	8	-0.69	4%	0
006.99	Total Sugars, Miscellaneous (%)	0098	9.570	0.7800	10.20	1.144	0.3948	8	-0.55	3%	0
006.99	Total Sugars, Miscellaneous (%)	0956	10.00	0.0000	10.20	1.144	0.3948	8	-0.17	1%	0
006.99	Total Sugars, Miscellaneous (%)	0914	10.51	0.5700	10.20	1.144	0.3948	8	0.27	2%	0
006.99	Total Sugars, Miscellaneous (%)	0939	11.13	0.1500	10.20	1.144	0.3948	8	0.81	5%	0
006.99	Total Sugars, Miscellaneous (%)	0912	11.20	0.4000	10.20	1.144	0.3948	8	0.88	5%	0
006.99	Total Sugars, Miscellaneous (%)	0066	11.28	0.5300	10.20	1.144	0.3948	8	0.94	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	20.14	0.0500	21.96	0.8708	0.2571	10	-2.10	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	20.85	0.3000	21.96	0.8708	0.2571	10	-1.28	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	21.50	0.6100	21.96	0.8708	0.2571	10	-0.54	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	21.79	0.0700	21.96	0.8708	0.2571	10	-0.21	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	22.10	0.0200	21.96	0.8708	0.2571	10	0.16	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	22.25	0.3000	21.96	0.8708	0.2571	10	0.33	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	22.42	0.5500	21.96	0.8708	0.2571	10	0.52	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	22.47	0.0410	21.96	0.8708	0.2571	10	0.58	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	22.58	0.3300	21.96	0.8708	0.2571	10	0.70	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	23.05	0.3000	21.96	0.8708	0.2571	10	1.25	2%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	24.75	1.100				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2012	18.05	0.2200	21.22	0.8553	0.2800	42	-3.70	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	19.35	0.3100	21.22	0.8553	0.2800	42	-2.19	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	19.44	0.0100	21.22	0.8553	0.2800	42	-2.09	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	19.75	0.1100	21.22	0.8553	0.2800	42	-1.72	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	20.05	0.1500	21.22	0.8553	0.2800	42	-1.37	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	20.20	0.6000	21.22	0.8553	0.2800	42	-1.19	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	20.25	0.3300	21.22	0.8553	0.2800	42	-1.14	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0413	20.30	0.4000	21.22	0.8553	0.2800	42	-1.07	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	20.31	0.1500	21.22	0.8553	0.2800	42	-1.07	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0160	20.40	0.6000	21.22	0.8553	0.2800	42	-0.96	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	20.76	0.4000	21.22	0.8553	0.2800	42	-0.54	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	20.85	0.1000	21.22	0.8553	0.2800	42	-0.43	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	20.91	0.6000	21.22	0.8553	0.2800	42	-0.36	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	20.93	0.8061	21.22	0.8553	0.2800	42	-0.33	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	21.00	0.1500	21.22	0.8553	0.2800	42	-0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	21.00	0.0600	21.22	0.8553	0.2800	42	-0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	21.00	0.0200	21.22	0.8553	0.2800	42	-0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	21.05	0.1000	21.22	0.8553	0.2800	42	-0.20	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	21.08	0.3100	21.22	0.8553	0.2800	42	-0.17	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	21.18	0.4600	21.22	0.8553	0.2800	42	-0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	21.22	0.2600	21.22	0.8553	0.2800	42	0.00	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	21.37	0.0560	21.22	0.8553	0.2800	42	0.17	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	21.42	0.0200	21.22	0.8553	0.2800	42	0.24	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	21.54	0.3800	21.22	0.8553	0.2800	42	0.38	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	21.54	0.1000	21.22	0.8553	0.2800	42	0.38	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	21.59	0.2100	21.22	0.8553	0.2800	42	0.43	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	21.60	0.4000	21.22	0.8553	0.2800	42	0.45	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	21.67	0.1000	21.22	0.8553	0.2800	42	0.53	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	21.75	0.7480	21.22	0.8553	0.2800	42	0.63	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	21.77	0.0000	21.22	0.8553	0.2800	42	0.64	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	21.83	0.5700	21.22	0.8553	0.2800	42	0.71	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	21.84	0.1000	21.22	0.8553	0.2800	42	0.73	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	21.91	0.3030	21.22	0.8553	0.2800	42	0.81	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	21.95	0.5000	21.22	0.8553	0.2800	42	0.86	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0912	21.95	0.1000	21.22	0.8553	0.2800	42	0.86	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	21.98	0.0903	21.22	0.8553	0.2800	42	0.89	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	22.05	0.5000	21.22	0.8553	0.2800	42	0.97	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	22.06	0.0600	21.22	0.8553	0.2800	42	0.98	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	22.12	0.0900	21.22	0.8553	0.2800	42	1.05	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	22.20	0.0870	21.22	0.8553	0.2800	42	1.14	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	22.35	0.5000	21.22	0.8553	0.2800	42	1.32	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	22.85	0.7000	21.22	0.8553	0.2800	42	1.91	4%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	19.75	0.1300	21.11	1.309	0.3100	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	20.30	0.2000	21.11	1.309	0.3100	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0511	21.80	0.8000	21.11	1.309	0.3100	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0171	22.58	0.1100	21.11	1.309	0.3100	4			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	2246	34.41	0.2800				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	30.49	0.0000	33.59	2.043	0.5824	11	-1.52	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	32.45	0.7000	33.59	2.043	0.5824	11	-0.56	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	32.56	0.0863	33.59	2.043	0.5824	11	-0.50	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	32.75	0.5000	33.59	2.043	0.5824	11	-0.41	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	32.89	0.3300	33.59	2.043	0.5824	11	-0.34	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	33.40	0.4000	33.59	2.043	0.5824	11	-0.09	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	33.50	1.400	33.59	2.043	0.5824	11	-0.04	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	33.69	1.020	33.59	2.043	0.5824	11	0.05	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	34.41	0.2800	33.59	2.043	0.5824	11	0.40	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	37.70	0.8000	33.59	2.043	0.5824	11	2.01	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	40.87	0.8900	33.59	2.043	0.5824	11	3.56	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	28.20	0.3300	32.49	1.572	0.4053	42	-2.73	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	28.43	0.1800	32.49	1.572	0.4053	42	-2.59	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	29.09	0.1000	32.49	1.572	0.4053	42	-2.17	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0160	30.20	0.2000	32.49	1.572	0.4053	42	-1.46	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	30.33	0.9200	32.49	1.572	0.4053	42	-1.38	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	30.55	0.7000	32.49	1.572	0.4053	42	-1.24	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	30.65	0.3000	32.49	1.572	0.4053	42	-1.17	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	30.98	0.4000	32.49	1.572	0.4053	42	-0.96	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	31.60	0.0980	32.49	1.572	0.4053	42	-0.57	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0413	31.75	0.1000	32.49	1.572	0.4053	42	-0.47	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	31.80	0.4800	32.49	1.572	0.4053	42	-0.44	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0638	31.80	0.0000	32.49	1.572	0.4053	42	-0.44	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	31.90	0.8000	32.49	1.572	0.4053	42	-0.38	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2012	31.93	0.4200	32.49	1.572	0.4053	42	-0.36	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	31.96	0.2300	32.49	1.572	0.4053	42	-0.34	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	32.00	0.2000	32.49	1.572	0.4053	42	-0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	32.10	0.4200	32.49	1.572	0.4053	42	-0.25	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	32.24	0.2800	32.49	1.572	0.4053	42	-0.16	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0912	32.40	0.4000	32.49	1.572	0.4053	42	-0.06	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	32.43	0.1070	32.49	1.572	0.4053	42	-0.04	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	32.45	0.1000	32.49	1.572	0.4053	42	-0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	32.49	0.0000	32.49	1.572	0.4053	42	0.00	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	32.51	0.1690	32.49	1.572	0.4053	42	0.01	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	32.54	0.5070	32.49	1.572	0.4053	42	0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0035	32.72	0.2400	32.49	1.572	0.4053	42	0.14	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	32.90	0.0000	32.49	1.572	0.4053	42	0.26	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	33.05	0.3396	32.49	1.572	0.4053	42	0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0881	33.05	0.1850	32.49	1.572	0.4053	42	0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	33.10	0.2000	32.49	1.572	0.4053	42	0.39	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	33.17	0.4900	32.49	1.572	0.4053	42	0.43	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	33.21	1.206	32.49	1.572	0.4053	42	0.45	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	33.43	0.0500	32.49	1.572	0.4053	42	0.59	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	33.55	0.1900	32.49	1.572	0.4053	42	0.67	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	33.63	0.3100	32.49	1.572	0.4053	42	0.72	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2302	33.74	0.3900	32.49	1.572	0.4053	42	0.79	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	33.90	2.200	32.49	1.572	0.4053	42	0.89	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	34.45	0.9000	32.49	1.572	0.4053	42	1.24	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	34.48	0.6000	32.49	1.572	0.4053	42	1.26	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	36.03	0.2000	32.49	1.572	0.4053	42	2.25	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	36.25	1.770	32.49	1.572	0.4053	42	2.39	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	37.41	0.2100	32.49	1.572	0.4053	42	3.12	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	38.09	0.1000	32.49	1.572	0.4053	42	3.56	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	29.95	4.390	32.49	1.572	0.4053	42	-1.62	4%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	36.47	0.2100				1			0
010.03	Moisture, Karl-Fischer (%)	0843	8.030	0.9000				2			0
010.03	Moisture, Karl-Fischer (%)	0164	8.440	0.1600				2			0
010.11	Moisture, NIR (%)	2302	9.010	0.0200				1			0
010.99	Moisture, Miscellaneous (%)	2129	6.607	0.4190	8.083	0.7150	0.2288	17	-2.07	9%	0
010.99	Moisture, Miscellaneous (%)	0875	7.195	0.0100	8.083	0.7150	0.2288	17	-1.24	5%	0
010.99	Moisture, Miscellaneous (%)	0096	7.355	0.3608	8.083	0.7150	0.2288	17	-1.02	5%	0
010.99	Moisture, Miscellaneous (%)	0692	7.650	0.1800	8.083	0.7150	0.2288	17	-0.61	3%	0
010.99	Moisture, Miscellaneous (%)	0948	7.725	0.0300	8.083	0.7150	0.2288	17	-0.50	2%	0
010.99	Moisture, Miscellaneous (%)	0939	7.765	0.1300	8.083	0.7150	0.2288	17	-0.45	2%	0
010.99	Moisture, Miscellaneous (%)	0726	7.795	0.1100	8.083	0.7150	0.2288	17	-0.40	2%	0
010.99	Moisture, Miscellaneous (%)	0884	7.900	0.0000	8.083	0.7150	0.2288	17	-0.26	1%	0
010.99	Moisture, Miscellaneous (%)	2043	8.035	0.0300	8.083	0.7150	0.2288	17	-0.07	0%	0
010.99	Moisture, Miscellaneous (%)	2089	8.150	0.3200	8.083	0.7150	0.2288	17	0.09	0%	0
010.99	Moisture, Miscellaneous (%)	2150	8.150	0.0200	8.083	0.7150	0.2288	17	0.09	0%	0
010.99	Moisture, Miscellaneous (%)	2076	8.360	0.1200	8.083	0.7150	0.2288	17	0.39	2%	0
010.99	Moisture, Miscellaneous (%)	2216	8.575	1.070	8.083	0.7150	0.2288	17	0.69	3%	0
010.99	Moisture, Miscellaneous (%)	2178	8.715	0.0500	8.083	0.7150	0.2288	17	0.88	4%	0
010.99	Moisture, Miscellaneous (%)	0914	8.870	0.0200	8.083	0.7150	0.2288	17	1.10	5%	0
010.99	Moisture, Miscellaneous (%)	0190	9.010	0.0200	8.083	0.7150	0.2288	17	1.30	6%	0
010.99	Moisture, Miscellaneous (%)	2055	9.500	1.000	8.083	0.7150	0.2288	17	1.98	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	6.850	0.1000	8.783	0.3299	0.1077	63	-5.86	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	7.472	0.0260	8.783	0.3299	0.1077	63	-3.97	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	2143	7.720	0.0400	8.783	0.3299	0.1077	63	-3.22	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	7.915	0.0100	8.783	0.3299	0.1077	63	-2.63	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	8.055	0.0300	8.783	0.3299	0.1077	63	-2.21	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	8.065	0.0300	8.783	0.3299	0.1077	63	-2.18	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	8.208	0.0330	8.783	0.3299	0.1077	63	-1.74	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	8.255	0.0300	8.783	0.3299	0.1077	63	-1.60	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	8.415	0.0100	8.783	0.3299	0.1077	63	-1.11	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			
011.01	Loss on Drying, 135°C 2hr (%)	0100	8.430	0.1600	8.783	0.3299	0.1077	63	-1.07	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	8.485	0.1300	8.783	0.3299	0.1077	63	-0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.485	0.0700	8.783	0.3299	0.1077	63	-0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	8.490	0.1200	8.783	0.3299	0.1077	63	-0.89	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	8.505	0.0100	8.783	0.3299	0.1077	63	-0.84	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	8.535	0.0300	8.783	0.3299	0.1077	63	-0.75	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	8.540	0.0200	8.783	0.3299	0.1077	63	-0.74	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.555	0.0900	8.783	0.3299	0.1077	63	-0.69	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0425	8.585	0.0900	8.783	0.3299	0.1077	63	-0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2033	8.625	0.0500	8.783	0.3299	0.1077	63	-0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	8.650	0.0000	8.783	0.3299	0.1077	63	-0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	8.665	0.0300	8.783	0.3299	0.1077	63	-0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	8.700	0.4000	8.783	0.3299	0.1077	63	-0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	8.700	0.0000	8.783	0.3299	0.1077	63	-0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	8.715	0.2300	8.783	0.3299	0.1077	63	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2322	8.720	0.0800	8.783	0.3299	0.1077	63	-0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	8.730	0.0800	8.783	0.3299	0.1077	63	-0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2174	8.780	0.0800	8.783	0.3299	0.1077	63	-0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	8.783	0.3420	8.783	0.3299	0.1077	63	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	8.790	0.1000	8.783	0.3299	0.1077	63	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	8.800	0.2000	8.783	0.3299	0.1077	63	0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	8.810	0.1200	8.783	0.3299	0.1077	63	0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	8.835	0.3300	8.783	0.3299	0.1077	63	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	8.840	0.0000	8.783	0.3299	0.1077	63	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	8.870	0.0400	8.783	0.3299	0.1077	63	0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	8.870	0.4400	8.783	0.3299	0.1077	63	0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	8.880	0.0200	8.783	0.3299	0.1077	63	0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	8.880	0.0000	8.783	0.3299	0.1077	63	0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	8.895	0.0500	8.783	0.3299	0.1077	63	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.900	0.2000	8.783	0.3299	0.1077	63	0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.900	0.0000	8.783	0.3299	0.1077	63	0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	8.910	0.0000	8.783	0.3299	0.1077	63	0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	8.925	0.0500	8.783	0.3299	0.1077	63	0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	8.935	0.5100	8.783	0.3299	0.1077	63	0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	8.938	0.0448	8.783	0.3299	0.1077	63	0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	8.940	0.3000	8.783	0.3299	0.1077	63	0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2326	8.946	0.0700	8.783	0.3299	0.1077	63	0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	8.954	0.1447	8.783	0.3299	0.1077	63	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	8.960	0.0200	8.783	0.3299	0.1077	63	0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	8.965	0.0700	8.783	0.3299	0.1077	63	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	8.970	0.1400	8.783	0.3299	0.1077	63	0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2246	9.040	0.0800	8.783	0.3299	0.1077	63	0.78	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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011.01	Loss on Drying, 135°C 2hr (%)	2302	9.050	0.0800	8.783	0.3299	0.1077	63	0.81	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	9.075	0.0100	8.783	0.3299	0.1077	63	0.89	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	9.080	0.1800	8.783	0.3299	0.1077	63	0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.090	0.0800	8.783	0.3299	0.1077	63	0.93	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.140	0.4200	8.783	0.3299	0.1077	63	1.08	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0618	9.165	0.0500	8.783	0.3299	0.1077	63	1.16	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	9.220	0.1000	8.783	0.3299	0.1077	63	1.33	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2268	9.230	0.3600	8.783	0.3299	0.1077	63	1.36	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	9.300	0.0000	8.783	0.3299	0.1077	63	1.57	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2184	9.490	0.0200	8.783	0.3299	0.1077	63	2.14	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.523	0.0428	8.783	0.3299	0.1077	63	2.24	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	9.805	0.1900	8.783	0.3299	0.1077	63	3.10	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	8.425	0.7900	8.783	0.3299	0.1077	63	-1.08	2%	1
011.01	Loss on Drying, 135°C 2hr (%)	0685	2.410	0.0600	8.783	0.3299	0.1077	63	-19.32	36%	2
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	8.730	0.1800				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0529	8.825	0.0300				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	8.800	0.2000				1			0
012.00	Starch, Polarimetric (Ewers) (%)	0689	4.400	0.6000	12.92	7.792	0.4033	9	-1.09	33%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	6.450	0.1000	12.92	7.792	0.4033	9	-0.83	25%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	6.455	0.7500	12.92	7.792	0.4033	9	-0.83	25%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	7.700	0.2000	12.92	7.792	0.4033	9	-0.67	20%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	13.35	0.9000	12.92	7.792	0.4033	9	0.06	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	16.04	0.8300	12.92	7.792	0.4033	9	0.40	12%	0
012.00	Starch, Polarimetric (Ewers) (%)	0638	19.00	0.0000	12.92	7.792	0.4033	9	0.78	24%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	20.24	0.0300	12.92	7.792	0.4033	9	0.94	28%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	22.61	0.2200	12.92	7.792	0.4033	9	1.24	38%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	0.0750	0.0100	0.8587	0.5916	0.1117	9	-1.32	46%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0910	0.2000	0.0000	0.8587	0.5916	0.1117	9	-1.11	38%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	0.4154	0.0090	0.8587	0.5916	0.1117	9	-0.75	26%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	0.8150	0.1900	0.8587	0.5916	0.1117	9	-0.07	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	1.005	0.0100	0.8587	0.5916	0.1117	9	0.25	9%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	1.075	0.1560	0.8587	0.5916	0.1117	9	0.37	13%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	1.290	0.2400	0.8587	0.5916	0.1117	9	0.73	25%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	1.300	0.2000	0.8587	0.5916	0.1117	9	0.75	26%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	1.553	0.1900	0.8587	0.5916	0.1117	9	1.17	40%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	< 0.5		0.8587	0.5916	0.1117	9			5
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	< 0.9		0.8587	0.5916	0.1117	9			5
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	0.6155	0.2650				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0066	0.7000	0.1000				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0889	4.415	0.0700				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	2129	0.0130	0.0040				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	0.3000	0.0000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	0.3500	0.1000				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	4.190	0.3600				3			2
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0098	< 0.01					3			5
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	0.5300	0.0400				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	0.6000	0.0000	2.081	0.8329	0.2577	17	-1.78	36%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0939	1.165	0.2900	2.081	0.8329	0.2577	17	-1.10	22%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	1.310	0.1000	2.081	0.8329	0.2577	17	-0.93	19%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	1.440	0.0000	2.081	0.8329	0.2577	17	-0.77	15%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	1.450	0.5000	2.081	0.8329	0.2577	17	-0.76	15%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	1.605	0.2100	2.081	0.8329	0.2577	17	-0.57	11%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	1.735	0.0500	2.081	0.8329	0.2577	17	-0.41	8%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	1.880	0.4400	2.081	0.8329	0.2577	17	-0.24	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	2.089	0.1502	2.081	0.8329	0.2577	17	0.01	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	2.300	0.0600	2.081	0.8329	0.2577	17	0.26	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	2.345	0.0115	2.081	0.8329	0.2577	17	0.32	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	2.510	0.4400	2.081	0.8329	0.2577	17	0.52	10%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2304	2.610	0.4800	2.081	0.8329	0.2577	17	0.64	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	2.675	0.2900	2.081	0.8329	0.2577	17	0.71	14%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	2.850	0.0400	2.081	0.8329	0.2577	17	0.92	18%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	3.245	0.4897	2.081	0.8329	0.2577	17	1.40	28%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2216	4.455	0.8300	2.081	0.8329	0.2577	17	2.85	57%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	1.420	0.0000	2.181	0.4975	0.1128	18	-1.53	17%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0650	1.450	0.0400	2.181	0.4975	0.1128	18	-1.47	17%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	1.750	0.2800	2.181	0.4975	0.1128	18	-0.87	10%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	1.872	0.0105	2.181	0.4975	0.1128	18	-0.62	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	1.910	0.0000	2.181	0.4975	0.1128	18	-0.55	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	1.945	0.0700	2.181	0.4975	0.1128	18	-0.47	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	2.040	0.0600	2.181	0.4975	0.1128	18	-0.28	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0208	2.065	0.1100	2.181	0.4975	0.1128	18	-0.23	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	2.150	0.3000	2.181	0.4975	0.1128	18	-0.06	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	2.185	0.2500	2.181	0.4975	0.1128	18	0.01	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	2.250	0.0200	2.181	0.4975	0.1128	18	0.14	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0914	2.260	0.1000	2.181	0.4975	0.1128	18	0.16	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	2.300	0.1200	2.181	0.4975	0.1128	18	0.24	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0656	2.420	0.0000	2.181	0.4975	0.1128	18	0.48	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	2.563	0.0320	2.181	0.4975	0.1128	18	0.77	9%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2264	2.840	0.2587	2.181	0.4975	0.1128	18	1.32	15%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	2.900	0.0600	2.181	0.4975	0.1128	18	1.44	16%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	3.160	0.3200	2.181	0.4975	0.1128	18	1.97	22%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	2.769	0.7630	2.181	0.4975	0.1128	18	1.18	13%	1
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	1.789	0.0734				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	1.220	0.0000				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			
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	4.085	0.1300				2			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	3.030	0.3800	4.023	1.333	0.8170	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	3.033	1.485	4.023	1.333	0.8170	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0683	3.340	0.1200	4.023	1.333	0.8170	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	4.605	1.310	4.023	1.333	0.8170	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	6.105	0.7900	4.023	1.333	0.8170	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	583.3	42.59	648.5	65.16	14.82	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	610.6	0.1210	648.5	65.16	14.82	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	643.0	16.00	648.5	65.16	14.82	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	651.0	10.00	648.5	65.16	14.82	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	754.6	5.400	648.5	65.16	14.82	5			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	437.7	30.50				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	459.0	35.70				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	637.5	1.000	708.1	62.70	15.49	5			0
015.43	Aluminum, ICP, Microwave (ppm)	0345	647.5	11.40	708.1	62.70	15.49	5			0
015.43	Aluminum, ICP, Microwave (ppm)	0169	726.0	36.00	708.1	62.70	15.49	5			0
015.43	Aluminum, ICP, Microwave (ppm)	0407	751.2	7.056	708.1	62.70	15.49	5			0
015.43	Aluminum, ICP, Microwave (ppm)	0353	778.0	22.00	708.1	62.70	15.49	5			0
015.52	Aluminum, ICP-MS, Open vessel (ppm)	0560	453.0	49.00				1			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0015	645.9	20.99				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	763.0	48.00				2			0
017.41	Boron, ICP, Dry ash (ppm)	0407	40.87	1.011	42.57	1.298	0.8262	5			0
017.41	Boron, ICP, Dry ash (ppm)	0226	41.59	0.9700	42.57	1.298	0.8262	5			0
017.41	Boron, ICP, Dry ash (ppm)	0229	42.98	0.5300	42.57	1.298	0.8262	5			0
017.41	Boron, ICP, Dry ash (ppm)	0358	43.38	1.210	42.57	1.298	0.8262	5			0
017.41	Boron, ICP, Dry ash (ppm)	0049	44.02	0.4100	42.57	1.298	0.8262	5			0
017.42	Boron, ICP, Open vessel (ppm)	0693	38.10	2.306	40.03	2.411	2.188	7	-0.80	2%	0
017.42	Boron, ICP, Open vessel (ppm)	0294	38.65	0.3000	40.03	2.411	2.188	7	-0.57	2%	0
017.42	Boron, ICP, Open vessel (ppm)	2053	38.92	1.050	40.03	2.411	2.188	7	-0.46	1%	0
017.42	Boron, ICP, Open vessel (ppm)	0045	39.15	3.700	40.03	2.411	2.188	7	-0.37	1%	0
017.42	Boron, ICP, Open vessel (ppm)	2129	39.32	3.260	40.03	2.411	2.188	7	-0.30	1%	0
017.42	Boron, ICP, Open vessel (ppm)	0265	42.45	2.700	40.03	2.411	2.188	7	1.00	3%	0
017.42	Boron, ICP, Open vessel (ppm)	0037	47.30	2.000	40.03	2.411	2.188	7	3.01	9%	0
017.43	Boron, ICP, Microwave (ppm)	0345	41.90	0.8000	43.63	1.581	0.9585	6	-1.09	2%	0
017.43	Boron, ICP, Microwave (ppm)	0083	42.50	1.000	43.63	1.581	0.9585	6	-0.72	1%	0
017.43	Boron, ICP, Microwave (ppm)	0407	43.39	0.8809	43.63	1.581	0.9585	6	-0.15	0%	0
017.43	Boron, ICP, Microwave (ppm)	0918	43.50	0.0700	43.63	1.581	0.9585	6	-0.09	0%	0
017.43	Boron, ICP, Microwave (ppm)	0353	45.00	2.000	43.63	1.581	0.9585	6	0.87	2%	0
017.43	Boron, ICP, Microwave (ppm)	0510	45.50	1.000	43.63	1.581	0.9585	6	1.18	2%	0
017.52	Boron, ICP-MS, Open vessel (ppm)	0560	44.47	6.710				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.121	0.0260	1.220	0.0797	0.0253	10	-1.24	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	1.125	0.0100	1.220	0.0797	0.0253	10	-1.19	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.131	0.0030	1.220	0.0797	0.0253	10	-1.12	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	1.230	0.0000	1.220	0.0797	0.0253	10	0.13	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	1.240	0.0400	1.220	0.0797	0.0253	10	0.25	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.247	0.1040	1.220	0.0797	0.0253	10	0.34	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.250	0.0200	1.220	0.0797	0.0253	10	0.38	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	1.250	0.0400	1.220	0.0797	0.0253	10	0.38	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2246	1.280	0.0000	1.220	0.0797	0.0253	10	0.75	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.325	0.0100	1.220	0.0797	0.0253	10	1.32	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	1.435	0.2700	1.220	0.0797	0.0253	10	2.70	9%	1
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.326	0.0017				1			0
019.08	Calcium, EDTA (%)	0590	1.205	0.0300	1.258	0.0454	0.0204	5			0
019.08	Calcium, EDTA (%)	2196	1.230	0.0000	1.258	0.0454	0.0204	5			0
019.08	Calcium, EDTA (%)	2009	1.250	0.0018	1.258	0.0454	0.0204	5			0
019.08	Calcium, EDTA (%)	0689	1.285	0.0300	1.258	0.0454	0.0204	5			0
019.08	Calcium, EDTA (%)	2188	1.320	0.0400	1.258	0.0454	0.0204	5			0
019.09	Calcium, Ion-selective electrode (%)	2006	1.245	0.0020				1			0
019.31	Calcium, AAS, Dry ash (%)	0175	1.140	0.0200	1.264	0.0451	0.0371	18	-2.76	5%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.210	0.0000	1.264	0.0451	0.0371	18	-1.20	2%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.214	0.1441	1.264	0.0451	0.0371	18	-1.12	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.215	0.0300	1.264	0.0451	0.0371	18	-1.09	2%	0
019.31	Calcium, AAS, Dry ash (%)	0536	1.245	0.0100	1.264	0.0451	0.0371	18	-0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.250	0.0800	1.264	0.0451	0.0371	18	-0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.250	0.1000	1.264	0.0451	0.0371	18	-0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.255	0.0300	1.264	0.0451	0.0371	18	-0.20	0%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.260	0.0530	1.264	0.0451	0.0371	18	-0.10	0%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.260	0.0000	1.264	0.0451	0.0371	18	-0.09	0%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.277	0.0659	1.264	0.0451	0.0371	18	0.28	0%	0
019.31	Calcium, AAS, Dry ash (%)	2246	1.280	0.0200	1.264	0.0451	0.0371	18	0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.285	0.0100	1.264	0.0451	0.0371	18	0.46	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.295	0.0700	1.264	0.0451	0.0371	18	0.68	1%	0
019.31	Calcium, AAS, Dry ash (%)	0656	1.300	0.0000	1.264	0.0451	0.0371	18	0.79	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.300	0.0200	1.264	0.0451	0.0371	18	0.79	1%	0
019.31	Calcium, AAS, Dry ash (%)	2146	1.345	0.0100	1.264	0.0451	0.0371	18	1.79	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.361	0.0040	1.264	0.0451	0.0371	18	2.15	4%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.270	0.0200				1			0
019.41	Calcium, ICP, Dry ash (%)	0598	0.9339	0.0003	1.240	0.0561	0.0207	26	-5.46	12%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.160	0.0200	1.240	0.0561	0.0207	26	-1.43	3%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.170	0.0000	1.240	0.0561	0.0207	26	-1.25	3%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.190	0.0200	1.240	0.0561	0.0207	26	-0.90	2%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.195	0.0100	1.240	0.0561	0.0207	26	-0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.195	0.0300	1.240	0.0561	0.0207	26	-0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	2259	1.198	0.0160	1.240	0.0561	0.0207	26	-0.75	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0171	1.205	0.0100	1.240	0.0561	0.0207	26	-0.63	1%	0
019.41	Calcium, ICP, Dry ash (%)	0685	1.215	0.0100	1.240	0.0561	0.0207	26	-0.45	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.220	0.0600	1.240	0.0561	0.0207	26	-0.36	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.225	0.0900	1.240	0.0561	0.0207	26	-0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.226	0.0750	1.240	0.0561	0.0207	26	-0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.230	0.0200	1.240	0.0561	0.0207	26	-0.18	0%	0
019.41	Calcium, ICP, Dry ash (%)	0066	1.233	0.0270	1.240	0.0561	0.0207	26	-0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0878	1.245	0.0100	1.240	0.0561	0.0207	26	0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.265	0.0100	1.240	0.0561	0.0207	26	0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.265	0.0100	1.240	0.0561	0.0207	26	0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.270	0.0600	1.240	0.0561	0.0207	26	0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.275	0.0100	1.240	0.0561	0.0207	26	0.62	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.280	0.0000	1.240	0.0561	0.0207	26	0.71	2%	0
019.41	Calcium, ICP, Dry ash (%)	0354	1.280	0.0000	1.240	0.0561	0.0207	26	0.71	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.295	0.0100	1.240	0.0561	0.0207	26	0.98	2%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.300	0.0000	1.240	0.0561	0.0207	26	1.07	2%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.305	0.0100	1.240	0.0561	0.0207	26	1.15	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.335	0.0100	1.240	0.0561	0.0207	26	1.69	4%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.377	0.0191	1.240	0.0561	0.0207	26	2.43	6%	0
019.41	Calcium, ICP, Dry ash (%)	0018	1.410	0.1600	1.240	0.0561	0.0207	26	3.03	7%	1
019.42	Calcium, ICP, Open vessel (%)	0045	1.110	0.0200	1.268	0.0952	0.0251	18	-1.66	6%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.164	0.0053	1.268	0.0952	0.0251	18	-1.09	4%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.166	0.0600	1.268	0.0952	0.0251	18	-1.07	4%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.185	0.0300	1.268	0.0952	0.0251	18	-0.87	3%	0
019.42	Calcium, ICP, Open vessel (%)	2319	1.205	0.0100	1.268	0.0952	0.0251	18	-0.66	2%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.222	0.0060	1.268	0.0952	0.0251	18	-0.48	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.232	0.0530	1.268	0.0952	0.0251	18	-0.38	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.245	0.0100	1.268	0.0952	0.0251	18	-0.24	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.255	0.0100	1.268	0.0952	0.0251	18	-0.14	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.260	0.0200	1.268	0.0952	0.0251	18	-0.08	0%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.280	0.0200	1.268	0.0952	0.0251	18	0.13	0%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.309	0.0400	1.268	0.0952	0.0251	18	0.43	2%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.315	0.0900	1.268	0.0952	0.0251	18	0.49	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.338	0.0280	1.268	0.0952	0.0251	18	0.74	3%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.345	0.0100	1.268	0.0952	0.0251	18	0.81	3%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.355	0.0300	1.268	0.0952	0.0251	18	0.91	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.425	0.0100	1.268	0.0952	0.0251	18	1.65	6%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.440	0.0000	1.268	0.0952	0.0251	18	1.81	7%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.290	0.2000	1.268	0.0952	0.0251	18	0.23	1%	1
019.43	Calcium, ICP, Microwave (%)	0036	1.165	0.0198	1.300	0.0883	0.0438	29	-1.54	5%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.165	0.0100	1.300	0.0883	0.0438	29	-1.53	5%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.210	0.0000	1.300	0.0883	0.0438	29	-1.02	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0968	1.223	0.0040	1.300	0.0883	0.0438	29	-0.88	3%	0
019.43	Calcium, ICP, Microwave (%)	2058	1.229	0.1110	1.300	0.0883	0.0438	29	-0.81	3%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.235	0.0100	1.300	0.0883	0.0438	29	-0.74	3%	0
019.43	Calcium, ICP, Microwave (%)	0300	1.235	0.0100	1.300	0.0883	0.0438	29	-0.74	3%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.265	0.0100	1.300	0.0883	0.0438	29	-0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.265	0.0300	1.300	0.0883	0.0438	29	-0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.270	0.0600	1.300	0.0883	0.0438	29	-0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	0089	1.270	0.0000	1.300	0.0883	0.0438	29	-0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.270	0.1400	1.300	0.0883	0.0438	29	-0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.271	0.0240	1.300	0.0883	0.0438	29	-0.33	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.274	0.0210	1.300	0.0883	0.0438	29	-0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.277	0.0630	1.300	0.0883	0.0438	29	-0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.280	0.0000	1.300	0.0883	0.0438	29	-0.23	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.290	0.0000	1.300	0.0883	0.0438	29	-0.12	0%	0
019.43	Calcium, ICP, Microwave (%)	0914	1.303	0.0441	1.300	0.0883	0.0438	29	0.03	0%	0
019.43	Calcium, ICP, Microwave (%)	2143	1.305	0.0500	1.300	0.0883	0.0438	29	0.05	0%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.310	0.0200	1.300	0.0883	0.0438	29	0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.340	0.0600	1.300	0.0883	0.0438	29	0.45	2%	0
019.43	Calcium, ICP, Microwave (%)	0870	1.342	0.0340	1.300	0.0883	0.0438	29	0.47	2%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.380	0.1000	1.300	0.0883	0.0438	29	0.90	3%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.405	0.0084	1.300	0.0883	0.0438	29	1.19	4%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.415	0.1700	1.300	0.0883	0.0438	29	1.30	4%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.415	0.0700	1.300	0.0883	0.0438	29	1.30	4%	0
019.43	Calcium, ICP, Microwave (%)	2326	1.430	0.0200	1.300	0.0883	0.0438	29	1.47	5%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.485	0.0900	1.300	0.0883	0.0438	29	2.09	7%	0
019.43	Calcium, ICP, Microwave (%)	2234	1.615	0.0900	1.300	0.0883	0.0438	29	3.56	12%	0
019.44	Calcium, ICP, Dry ash (%)	0164	1.225	0.0100				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.147	0.0009				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0560	1.260	0.1594				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.450	0.0600				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.230	0.0000	1.261	0.0373	0.0125	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0015	1.245	0.0100	1.261	0.0373	0.0125	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.255	0.0100	1.261	0.0373	0.0125	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.315	0.0300	1.261	0.0373	0.0125	4			0
019.99	Calcium, Miscellaneous (%)	0242	1.210	0.0400	1.282	0.0651	0.0400	5			0
019.99	Calcium, Miscellaneous (%)	0676	1.260	0.0200	1.282	0.0651	0.0400	5			0
019.99	Calcium, Miscellaneous (%)	0868	1.260	0.0200	1.282	0.0651	0.0400	5			0
019.99	Calcium, Miscellaneous (%)	0590	1.295	0.0900	1.282	0.0651	0.0400	5			0
019.99	Calcium, Miscellaneous (%)	0100	1.385	0.0300	1.282	0.0651	0.0400	5			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	13.80	0.9671				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	14.47	0.2400				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	16.00	0.0000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.41	Cobalt, ICP, Dry ash (ppm)	0171	11.23	0.1500				2			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	12.71	0.1433				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	10.01	1.613				1			0
021.43	Cobalt, ICP, Microwave (ppm)	0345	10.37	0.3200	13.47	0.8696	0.5361	6	-3.56	11%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	13.20	0.0000	13.47	0.8696	0.5361	6	-0.30	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	13.33	0.0000	13.47	0.8696	0.5361	6	-0.16	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	13.75	0.5963	13.47	0.8696	0.5361	6	0.33	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0353	14.00	2.000	13.47	0.8696	0.5361	6	0.62	2%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	14.35	0.3000	13.47	0.8696	0.5361	6	1.02	3%	0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	4.080	0.9800				2			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0560	6.095	1.010				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	13.70	0.8000				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	13.81	0.2400				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0015	14.13	0.1100				3			0
022.31	Copper, AAS, Dry ash (ppm)	0939	5.965	0.1100				2			0
022.31	Copper, AAS, Dry ash (ppm)	0868	8.290	0.2800				2			0
022.31	Copper, AAS, Dry ash (ppm)	0656	< 20.2					2			5
022.33	Copper, AAS, Microwave (ppm)	0948	7.360	0.3400				1			0
022.41	Copper, ICP, Dry ash (ppm)	0598	4.710	0.3400	6.711	1.046	0.5703	15	-1.91	15%	0
022.41	Copper, ICP, Dry ash (ppm)	0208	5.882	0.4470	6.711	1.046	0.5703	15	-0.79	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	5.990	0.0000	6.711	1.046	0.5703	15	-0.69	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	6.120	0.1179	6.711	1.046	0.5703	15	-0.57	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	6.280	0.4000	6.711	1.046	0.5703	15	-0.41	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	6.335	2.870	6.711	1.046	0.5703	15	-0.36	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0878	6.500	1.000	6.711	1.046	0.5703	15	-0.20	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	6.570	0.1400	6.711	1.046	0.5703	15	-0.14	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	6.590	0.0400	6.711	1.046	0.5703	15	-0.12	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	6.620	0.6800	6.711	1.046	0.5703	15	-0.09	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	6.800	0.2600	6.711	1.046	0.5703	15	0.08	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0074	7.000	0.0000	6.711	1.046	0.5703	15	0.28	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	8.290	1.680	6.711	1.046	0.5703	15	1.51	12%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	9.145	0.3300	6.711	1.046	0.5703	15	2.33	18%	0
022.41	Copper, ICP, Dry ash (ppm)	2012	10.76	0.2500	6.711	1.046	0.5703	15	3.86	30%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	7.500	5.000	6.711	1.046	0.5703	15	0.75	6%	1
022.41	Copper, ICP, Dry ash (ppm)	0520	< 5		6.711	1.046	0.5703	15			5
022.42	Copper, ICP, Open vessel (ppm)	0294	4.400	0.4000	6.211	0.7452	0.3261	18	-2.43	15%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	5.205	0.5700	6.211	0.7452	0.3261	18	-1.35	8%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	5.521	0.0750	6.211	0.7452	0.3261	18	-0.93	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	5.565	0.0100	6.211	0.7452	0.3261	18	-0.87	5%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	5.683	0.6330	6.211	0.7452	0.3261	18	-0.71	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	5.730	0.0800	6.211	0.7452	0.3261	18	-0.65	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	5.850	0.3000	6.211	0.7452	0.3261	18	-0.48	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.42	Copper, ICP, Open vessel (ppm)	0366	6.000	0.0000	6.211	0.7452	0.3261	18	-0.28	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	6.130	1.100	6.211	0.7452	0.3261	18	-0.11	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	6.450	1.100	6.211	0.7452	0.3261	18	0.32	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	6.524	0.0020	6.211	0.7452	0.3261	18	0.42	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	6.616	0.1010	6.211	0.7452	0.3261	18	0.54	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	6.660	0.0600	6.211	0.7452	0.3261	18	0.60	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	6.750	0.1000	6.211	0.7452	0.3261	18	0.72	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	6.790	0.0780	6.211	0.7452	0.3261	18	0.78	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0413	6.900	0.8000	6.211	0.7452	0.3261	18	0.92	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	7.000	0.0000	6.211	0.7452	0.3261	18	1.06	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	8.580	0.4600	6.211	0.7452	0.3261	18	3.18	19%	0
022.43	Copper, ICP, Microwave (ppm)	0425	2.720	1.062	6.132	1.059	0.4580	20	-3.22	28%	0
022.43	Copper, ICP, Microwave (ppm)	0675	4.115	0.7900	6.132	1.059	0.4580	20	-1.90	16%	0
022.43	Copper, ICP, Microwave (ppm)	0017	4.149	0.0920	6.132	1.059	0.4580	20	-1.87	16%	0
022.43	Copper, ICP, Microwave (ppm)	0345	5.355	0.1100	6.132	1.059	0.4580	20	-0.73	6%	0
022.43	Copper, ICP, Microwave (ppm)	2143	5.370	0.4000	6.132	1.059	0.4580	20	-0.72	6%	0
022.43	Copper, ICP, Microwave (ppm)	0098	5.445	0.4300	6.132	1.059	0.4580	20	-0.65	6%	0
022.43	Copper, ICP, Microwave (ppm)	0083	6.000	0.0000	6.132	1.059	0.4580	20	-0.12	1%	0
022.43	Copper, ICP, Microwave (ppm)	0682	6.000	0.0000	6.132	1.059	0.4580	20	-0.12	1%	0
022.43	Copper, ICP, Microwave (ppm)	0968	6.000	0.0000	6.132	1.059	0.4580	20	-0.12	1%	0
022.43	Copper, ICP, Microwave (ppm)	2326	6.175	0.0300	6.132	1.059	0.4580	20	0.04	0%	0
022.43	Copper, ICP, Microwave (ppm)	0407	6.253	0.0957	6.132	1.059	0.4580	20	0.11	1%	0
022.43	Copper, ICP, Microwave (ppm)	0918	6.270	0.0000	6.132	1.059	0.4580	20	0.13	1%	0
022.43	Copper, ICP, Microwave (ppm)	0353	6.500	1.000	6.132	1.059	0.4580	20	0.35	3%	0
022.43	Copper, ICP, Microwave (ppm)	0202	6.660	0.8000	6.132	1.059	0.4580	20	0.50	4%	0
022.43	Copper, ICP, Microwave (ppm)	0610	6.910	0.1200	6.132	1.059	0.4580	20	0.73	6%	0
022.43	Copper, ICP, Microwave (ppm)	0035	7.000	0.0000	6.132	1.059	0.4580	20	0.82	7%	0
022.43	Copper, ICP, Microwave (ppm)	0510	7.000	0.0000	6.132	1.059	0.4580	20	0.82	7%	0
022.43	Copper, ICP, Microwave (ppm)	0870	7.066	0.4510	6.132	1.059	0.4580	20	0.88	8%	0
022.43	Copper, ICP, Microwave (ppm)	0169	7.290	1.760	6.132	1.059	0.4580	20	1.09	9%	0
022.43	Copper, ICP, Microwave (ppm)	2089	15.93	2.020	6.132	1.059	0.4580	20	9.25	80%	0
022.44	Copper, ICP, Dry ash (ppm)	0164	7.650	0.1000				1			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0560	5.200	0.4000				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	5.680	0.2000				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	5.535	0.2900				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	5.610	0.0000				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	5.700	0.1400				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0015	6.180	1.880				3			1
022.99	Copper, Miscellaneous (ppm)	2302	5.000	0.0000				3			0
022.99	Copper, Miscellaneous (ppm)	0242	6.000	0.0000				3			0
022.99	Copper, Miscellaneous (ppm)	0590	6.365	0.2700				3			0
022.99	Copper, Miscellaneous (ppm)	0100	5.500	1.000				3			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			
025.31	Iron, AAS, Dry ash (ppm)	0563	587.5	10.51	770.9	154.4	4.488	6	-1.19	12%	0
025.31	Iron, AAS, Dry ash (ppm)	0656	652.2	0.0000	770.9	154.4	4.488	6	-0.77	8%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	758.4	3.850	770.9	154.4	4.488	6	-0.08	1%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	815.9	0.0000	770.9	154.4	4.488	6	0.29	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0868	849.0	10.00	770.9	154.4	4.488	6	0.51	5%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	962.5	2.570	770.9	154.4	4.488	6	1.24	12%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	267.1	11.00	684.7	160.3	25.48	20	-2.60	30%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	466.8	12.48	684.7	160.3	25.48	20	-1.36	16%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	467.0	8.000	684.7	160.3	25.48	20	-1.36	16%	0
025.41	Iron, ICP, Dry ash (ppm)	2012	499.2	12.65	684.7	160.3	25.48	20	-1.16	14%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	556.4	16.11	684.7	160.3	25.48	20	-0.80	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	589.5	25.00	684.7	160.3	25.48	20	-0.59	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0878	638.0	10.00	684.7	160.3	25.48	20	-0.29	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0123	649.5	5.000	684.7	160.3	25.48	20	-0.22	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	674.4	16.89	684.7	160.3	25.48	20	-0.06	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0208	709.3	69.80	684.7	160.3	25.48	20	0.15	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	718.4	19.50	684.7	160.3	25.48	20	0.21	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	726.4	14.40	684.7	160.3	25.48	20	0.26	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	754.2	40.00	684.7	160.3	25.48	20	0.43	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	763.0	20.00	684.7	160.3	25.48	20	0.49	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	813.0	52.00	684.7	160.3	25.48	20	0.80	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0074	814.0	20.00	684.7	160.3	25.48	20	0.81	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	814.4	3.900	684.7	160.3	25.48	20	0.81	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	837.5	84.20	684.7	160.3	25.48	20	0.95	11%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	865.4	50.42	684.7	160.3	25.48	20	1.13	13%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	892.7	18.25	684.7	160.3	25.48	20	1.30	15%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	355.6	0.5000	609.3	212.5	20.98	14	-1.19	21%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	356.9	3.700	609.3	212.5	20.98	14	-1.19	21%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	379.0	8.000	609.3	212.5	20.98	14	-1.08	19%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	452.0	13.10	609.3	212.5	20.98	14	-0.74	13%	0
025.42	Iron, ICP, Open vessel (ppm)	0413	522.5	7.000	609.3	212.5	20.98	14	-0.41	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	545.0	24.00	609.3	212.5	20.98	14	-0.30	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	553.0	14.00	609.3	212.5	20.98	14	-0.26	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	625.5	27.00	609.3	212.5	20.98	14	0.08	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	672.0	60.00	609.3	212.5	20.98	14	0.30	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	693.0	57.79	609.3	212.5	20.98	14	0.39	7%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	805.0	7.800	609.3	212.5	20.98	14	0.92	16%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	816.5	25.00	609.3	212.5	20.98	14	0.97	17%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	877.0	13.79	609.3	212.5	20.98	14	1.26	22%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	877.2	32.00	609.3	212.5	20.98	14	1.26	22%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	629.5	151.0	609.3	212.5	20.98	14	0.10	2%	1
025.43	Iron, ICP, Microwave (ppm)	2326	0.1100	0.0000	767.5	126.3	23.26	18	-6.07	50%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (ppm)	0083	615.0	42.00	767.5	126.3	23.26	18	-1.21	10%	0
025.43	Iron, ICP, Microwave (ppm)	0968	625.5	7.000	767.5	126.3	23.26	18	-1.12	9%	0
025.43	Iron, ICP, Microwave (ppm)	0300	631.7	9.786	767.5	126.3	23.26	18	-1.07	9%	0
025.43	Iron, ICP, Microwave (ppm)	0098	711.2	2.100	767.5	126.3	23.26	18	-0.45	4%	0
025.43	Iron, ICP, Microwave (ppm)	0345	711.7	25.00	767.5	126.3	23.26	18	-0.44	4%	0
025.43	Iron, ICP, Microwave (ppm)	0425	716.2	24.40	767.5	126.3	23.26	18	-0.41	3%	0
025.43	Iron, ICP, Microwave (ppm)	2089	744.4	15.97	767.5	126.3	23.26	18	-0.18	2%	0
025.43	Iron, ICP, Microwave (ppm)	0918	757.2	53.42	767.5	126.3	23.26	18	-0.08	1%	0
025.43	Iron, ICP, Microwave (ppm)	0675	758.8	13.92	767.5	126.3	23.26	18	-0.07	1%	0
025.43	Iron, ICP, Microwave (ppm)	0169	783.0	52.00	767.5	126.3	23.26	18	0.12	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	839.0	8.000	767.5	126.3	23.26	18	0.57	5%	0
025.43	Iron, ICP, Microwave (ppm)	0035	839.5	15.00	767.5	126.3	23.26	18	0.57	5%	0
025.43	Iron, ICP, Microwave (ppm)	0017	857.2	92.35	767.5	126.3	23.26	18	0.71	6%	0
025.43	Iron, ICP, Microwave (ppm)	0682	882.6	0.0000	767.5	126.3	23.26	18	0.91	7%	0
025.43	Iron, ICP, Microwave (ppm)	0407	900.4	2.808	767.5	126.3	23.26	18	1.05	9%	0
025.43	Iron, ICP, Microwave (ppm)	0610	928.5	51.00	767.5	126.3	23.26	18	1.27	10%	0
025.43	Iron, ICP, Microwave (ppm)	0870	935.3	4.000	767.5	126.3	23.26	18	1.33	11%	0
025.43	Iron, ICP, Microwave (ppm)	0353	702.5	171.0	767.5	126.3	23.26	18	-0.51	4%	1
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	592.7	8.900				1			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	763.5	25.00				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0015	793.8	1.620				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	808.5	29.00				3			0
025.99	Iron, Miscellaneous (ppm)	0242	846.5	29.00				3			0
025.99	Iron, Miscellaneous (ppm)	0100	847.5	51.00				3			0
025.99	Iron, Miscellaneous (ppm)	2302	877.0	0.0000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.1385	0.0010	0.1612	0.0100	0.0005	13	-2.26	7%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.1500	0.0000	0.1612	0.0100	0.0005	13	-1.11	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.1545	0.0030	0.1612	0.0100	0.0005	13	-0.66	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.1591	0.0009	0.1612	0.0100	0.0005	13	-0.21	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.1600	0.0000	0.1612	0.0100	0.0005	13	-0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.1600	0.0000	0.1612	0.0100	0.0005	13	-0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.1600	0.0000	0.1612	0.0100	0.0005	13	-0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.1600	0.0000	0.1612	0.0100	0.0005	13	-0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.1603	0.0018	0.1612	0.0100	0.0005	13	-0.09	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.1627	0.0003	0.1612	0.0100	0.0005	13	0.15	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2146	0.1700	0.0000	0.1612	0.0100	0.0005	13	0.88	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.5700	0.0000	0.1612	0.0100	0.0005	13	40.77	127%	0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.5900	0.0000	0.1612	0.0100	0.0005	13	42.76	133%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.1550	0.0100	0.1612	0.0100	0.0005	13	-0.61	2%	1
027.32	Magnesium, AAS, Open vessel (%)	0169	0.1750	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	2178	0.1285	0.0010				3			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.1455	0.0030				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			
027.33	Magnesium, AAS, Microwave (%)	0010	0.1600	0.0000				3			0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.1079	0.0014	0.1503	0.0081	0.0052	21	-5.23	14%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.1400	0.0200	0.1503	0.0081	0.0052	21	-1.27	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.1400	0.0000	0.1503	0.0081	0.0052	21	-1.27	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.1400	0.0000	0.1503	0.0081	0.0052	21	-1.27	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.1432	0.0002	0.1503	0.0081	0.0052	21	-0.88	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.1450	0.0100	0.1503	0.0081	0.0052	21	-0.66	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.1450	0.0100	0.1503	0.0081	0.0052	21	-0.66	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.1500	0.0000	0.1503	0.0081	0.0052	21	-0.04	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.1500	0.0000	0.1503	0.0081	0.0052	21	-0.04	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.1500	0.0000	0.1503	0.0081	0.0052	21	-0.04	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.1530	0.0040	0.1503	0.0081	0.0052	21	0.33	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.1530	0.0000	0.1503	0.0081	0.0052	21	0.33	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.1530	0.0100	0.1503	0.0081	0.0052	21	0.33	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.1550	0.0100	0.1503	0.0081	0.0052	21	0.58	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.1550	0.0100	0.1503	0.0081	0.0052	21	0.58	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.1550	0.0020	0.1503	0.0081	0.0052	21	0.58	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.1550	0.0100	0.1503	0.0081	0.0052	21	0.58	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.1550	0.0100	0.1503	0.0081	0.0052	21	0.58	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.1590	0.0020	0.1503	0.0081	0.0052	21	1.07	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.1600	0.0000	0.1503	0.0081	0.0052	21	1.19	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.1650	0.0100	0.1503	0.0081	0.0052	21	1.81	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.1400	0.0000	0.1516	0.0066	0.0075	21	-1.77	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.1400	0.0200	0.1516	0.0066	0.0075	21	-1.77	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.1417	0.0033	0.1516	0.0066	0.0075	21	-1.52	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.1433	0.0099	0.1516	0.0066	0.0075	21	-1.27	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.1500	0.0000	0.1516	0.0066	0.0075	21	-0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.1500	0.0000	0.1516	0.0066	0.0075	21	-0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.1500	0.0000	0.1516	0.0066	0.0075	21	-0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.1500	0.0000	0.1516	0.0066	0.0075	21	-0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.1500	0.0200	0.1516	0.0066	0.0075	21	-0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.1515	0.0010	0.1516	0.0066	0.0075	21	-0.01	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.1520	0.0040	0.1516	0.0066	0.0075	21	0.06	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.1522	0.0107	0.1516	0.0066	0.0075	21	0.09	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.1529	0.0021	0.1516	0.0066	0.0075	21	0.19	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.1550	0.0100	0.1516	0.0066	0.0075	21	0.52	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.1550	0.0100	0.1516	0.0066	0.0075	21	0.52	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.1550	0.0100	0.1516	0.0066	0.0075	21	0.52	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.1550	0.0300	0.1516	0.0066	0.0075	21	0.52	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.1560	0.0000	0.1516	0.0066	0.0075	21	0.67	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.1575	0.0050	0.1516	0.0066	0.0075	21	0.90	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.1630	0.0120	0.1516	0.0066	0.0075	21	1.74	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.42	Magnesium, ICP, Open vessel (%)	0009	0.1650	0.0100	0.1516	0.0066	0.0075	21	2.04	4%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.1350	0.0300	0.1533	0.0103	0.0056	26	-1.78	6%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.1350	0.0100	0.1533	0.0103	0.0056	26	-1.78	6%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.1400	0.0000	0.1533	0.0103	0.0056	26	-1.29	4%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.1400	0.0000	0.1533	0.0103	0.0056	26	-1.29	4%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.1450	0.0100	0.1533	0.0103	0.0056	26	-0.80	3%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.1475	0.0010	0.1533	0.0103	0.0056	26	-0.56	2%	0
027.43	Magnesium, ICP, Microwave (%)	0300	0.1480	0.0000	0.1533	0.0103	0.0056	26	-0.51	2%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.1480	0.0048	0.1533	0.0103	0.0056	26	-0.51	2%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.1492	0.0014	0.1533	0.0103	0.0056	26	-0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.1500	0.0000	0.1533	0.0103	0.0056	26	-0.32	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.1500	0.0000	0.1533	0.0103	0.0056	26	-0.32	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.1500	0.0000	0.1533	0.0103	0.0056	26	-0.32	1%	0
027.43	Magnesium, ICP, Microwave (%)	0914	0.1545	0.0026	0.1533	0.0103	0.0056	26	0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.1550	0.0180	0.1533	0.0103	0.0056	26	0.17	1%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.1550	0.0300	0.1533	0.0103	0.0056	26	0.17	1%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.1555	0.0010	0.1533	0.0103	0.0056	26	0.22	1%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.1555	0.0030	0.1533	0.0103	0.0056	26	0.22	1%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.1580	0.0040	0.1533	0.0103	0.0056	26	0.46	2%	0
027.43	Magnesium, ICP, Microwave (%)	2058	0.1580	0.0020	0.1533	0.0103	0.0056	26	0.46	2%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.1600	0.0000	0.1533	0.0103	0.0056	26	0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	2234	0.1600	0.0200	0.1533	0.0103	0.0056	26	0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.1610	0.0000	0.1533	0.0103	0.0056	26	0.75	3%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.1630	0.0060	0.1533	0.0103	0.0056	26	0.95	3%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.1700	0.0000	0.1533	0.0103	0.0056	26	1.63	5%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.1700	0.0000	0.1533	0.0103	0.0056	26	1.63	5%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.1700	0.0020	0.1533	0.0103	0.0056	26	1.63	5%	0
027.43	Magnesium, ICP, Microwave (%)	0425	1.659	61.00	0.1533	0.0103	0.0056	26	161369.06	540998%	2
027.44	Magnesium, ICP, Dry ash (%)	0164	0.1555	0.0010				1			0
027.51	Magnesium, ICP-MS, Dry ash (%)	2146	0.1650	0.0300				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0560	0.1416	0.0139	0.1531	0.0123	0.0077	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.1495	0.0037	0.1531	0.0123	0.0077	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.1510	0.0080	0.1531	0.0123	0.0077	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.1705	0.0050	0.1531	0.0123	0.0077	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.1490	0.0060	0.1506	0.0020	0.0073	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0015	0.1500	0.0000	0.1506	0.0020	0.0073	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.1500	0.0200	0.1506	0.0020	0.0073	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.1535	0.0030	0.1506	0.0020	0.0073	4			0
027.99	Magnesium, Miscellaneous (%)	0590	0.1450	0.0100	0.1550	0.0108	0.0050	4			0
027.99	Magnesium, Miscellaneous (%)	2302	0.1500	0.0000	0.1550	0.0108	0.0050	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.1550	0.0100	0.1550	0.0108	0.0050	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.1700	0.0000	0.1550	0.0108	0.0050	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.31	Manganese, AAS, Dry ash (ppm)	0536	27.08	1.450	53.97	6.006	0.5150	7	-4.48	25%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	49.25	0.1200	53.97	6.006	0.5150	7	-0.79	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	53.69	0.6349	53.97	6.006	0.5150	7	-0.05	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	55.80	0.0000	53.97	6.006	0.5150	7	0.30	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	56.61	0.9000	53.97	6.006	0.5150	7	0.44	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0656	56.65	0.0000	53.97	6.006	0.5150	7	0.45	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0868	60.85	0.5000	53.97	6.006	0.5150	7	1.15	6%	0
028.33	Manganese, AAS, Microwave (ppm)	0948	50.12	0.0900				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0598	40.82	0.3600	54.82	2.902	1.118	18	-4.82	13%	0
028.41	Manganese, ICP, Dry ash (ppm)	2012	50.78	0.0800	54.82	2.902	1.118	18	-1.39	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	52.50	1.000	54.82	2.902	1.118	18	-0.80	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	52.50	1.000	54.82	2.902	1.118	18	-0.80	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	52.71	0.2700	54.82	2.902	1.118	18	-0.73	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	53.25	0.8000	54.82	2.902	1.118	18	-0.54	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0208	54.24	3.630	54.82	2.902	1.118	18	-0.20	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	54.33	0.3800	54.82	2.902	1.118	18	-0.17	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	54.50	2.380	54.82	2.902	1.118	18	-0.11	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	55.07	1.341	54.82	2.902	1.118	18	0.09	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	55.18	3.090	54.82	2.902	1.118	18	0.12	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	55.30	0.7600	54.82	2.902	1.118	18	0.17	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0074	55.50	1.000	54.82	2.902	1.118	18	0.24	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	56.77	0.2500	54.82	2.902	1.118	18	0.67	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0878	57.50	1.000	54.82	2.902	1.118	18	0.92	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	58.30	1.000	54.82	2.902	1.118	18	1.20	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	58.67	1.350	54.82	2.902	1.118	18	1.33	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	60.69	0.4340	54.82	2.902	1.118	18	2.02	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	48.92	0.0100	55.03	3.582	1.166	17	-1.71	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	50.40	0.2000	55.03	3.582	1.166	17	-1.29	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	50.98	0.8300	55.03	3.582	1.166	17	-1.13	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	52.20	3.400	55.03	3.582	1.166	17	-0.79	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	52.63	0.0450	55.03	3.582	1.166	17	-0.67	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	53.30	0.6610	55.03	3.582	1.166	17	-0.48	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	54.53	0.8200	55.03	3.582	1.166	17	-0.14	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	54.60	1.600	55.03	3.582	1.166	17	-0.12	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	55.33	1.135	55.03	3.582	1.166	17	0.08	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	55.50	5.000	55.03	3.582	1.166	17	0.13	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	56.50	1.000	55.03	3.582	1.166	17	0.41	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0413	56.50	1.000	55.03	3.582	1.166	17	0.41	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	57.50	1.000	55.03	3.582	1.166	17	0.69	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	58.33	0.7400	55.03	3.582	1.166	17	0.92	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	58.50	1.000	55.03	3.582	1.166	17	0.97	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	58.66	0.0800	55.03	3.582	1.166	17	1.01	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.42	Manganese, ICP, Open vessel (ppm)	0037	61.75	1.300	55.03	3.582	1.166	17	1.88	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	55.50	9.000	55.03	3.582	1.166	17	0.13	0%	1
028.43	Manganese, ICP, Microwave (ppm)	0870	51.07	3.210	56.57	3.233	0.9691	19	-1.70	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	51.11	1.160	56.57	3.233	0.9691	19	-1.69	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	52.41	3.640	56.57	3.233	0.9691	19	-1.29	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	54.00	0.0000	56.57	3.233	0.9691	19	-0.79	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	55.00	0.0000	56.57	3.233	0.9691	19	-0.48	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	55.32	0.3300	56.57	3.233	0.9691	19	-0.39	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	55.45	0.5900	56.57	3.233	0.9691	19	-0.35	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	55.45	0.9000	56.57	3.233	0.9691	19	-0.35	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	56.35	0.3000	56.57	3.233	0.9691	19	-0.07	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0300	56.39	3.260	56.57	3.233	0.9691	19	-0.06	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	57.00	2.000	56.57	3.233	0.9691	19	0.13	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	57.50	1.000	56.57	3.233	0.9691	19	0.29	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	58.00	0.0000	56.57	3.233	0.9691	19	0.44	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	58.32	0.8300	56.57	3.233	0.9691	19	0.54	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	59.22	0.0000	56.57	3.233	0.9691	19	0.82	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	59.36	0.1290	56.57	3.233	0.9691	19	0.86	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	60.03	0.6334	56.57	3.233	0.9691	19	1.07	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	60.44	0.3100	56.57	3.233	0.9691	19	1.20	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	61.13	0.1200	56.57	3.233	0.9691	19	1.41	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	62.80	6.000	56.57	3.233	0.9691	19	1.93	6%	1
028.44	Manganese, ICP, Dry ash (ppm)	0164	52.50	3.000				1			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0560	49.90	5.600				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	56.50	1.000				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	53.40	1.000	55.00	1.159	1.160	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	54.90	1.800	55.00	1.159	1.160	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0015	55.78	1.690	55.00	1.159	1.160	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	55.93	0.1500	55.00	1.159	1.160	4			0
028.99	Manganese, Miscellaneous (ppm)	2302	55.00	0.0000	57.13	2.359	2.200	4			0
028.99	Manganese, Miscellaneous (ppm)	0242	56.50	3.000	57.13	2.359	2.200	4			0
028.99	Manganese, Miscellaneous (ppm)	0590	56.50	4.800	57.13	2.359	2.200	4			0
028.99	Manganese, Miscellaneous (ppm)	0100	60.50	1.000	57.13	2.359	2.200	4			0
031.01	Phosphorus, Photometric (%)	0878	0.0600	0.0200	0.0931	0.0274	0.0061	22	-1.21	18%	0
031.01	Phosphorus, Photometric (%)	0939	0.0650	0.0100	0.0931	0.0274	0.0061	22	-1.02	15%	0
031.01	Phosphorus, Photometric (%)	0656	0.0700	0.0000	0.0931	0.0274	0.0061	22	-0.84	12%	0
031.01	Phosphorus, Photometric (%)	0868	0.0700	0.0000	0.0931	0.0274	0.0061	22	-0.84	12%	0
031.01	Phosphorus, Photometric (%)	0018	0.0740	0.0040	0.0931	0.0274	0.0061	22	-0.70	10%	0
031.01	Phosphorus, Photometric (%)	0175	0.0800	0.0000	0.0931	0.0274	0.0061	22	-0.48	7%	0
031.01	Phosphorus, Photometric (%)	0683	0.0800	0.0000	0.0931	0.0274	0.0061	22	-0.48	7%	0
031.01	Phosphorus, Photometric (%)	0948	0.0800	0.0000	0.0931	0.0274	0.0061	22	-0.48	7%	0
031.01	Phosphorus, Photometric (%)	0208	0.0810	0.0020	0.0931	0.0274	0.0061	22	-0.44	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0897	0.0820	0.0000	0.0931	0.0274	0.0061	22	-0.40	6%	0
031.01	Phosphorus, Photometric (%)	0881	0.0845	0.0010	0.0931	0.0274	0.0061	22	-0.31	5%	0
031.01	Phosphorus, Photometric (%)	0529	0.0850	0.0100	0.0931	0.0274	0.0061	22	-0.29	4%	0
031.01	Phosphorus, Photometric (%)	2058	0.0850	0.0100	0.0931	0.0274	0.0061	22	-0.29	4%	0
031.01	Phosphorus, Photometric (%)	0689	0.0900	0.0000	0.0931	0.0274	0.0061	22	-0.11	2%	0
031.01	Phosphorus, Photometric (%)	0142	0.0943	0.0005	0.0931	0.0274	0.0061	22	0.04	1%	0
031.01	Phosphorus, Photometric (%)	0674	0.1000	0.0000	0.0931	0.0274	0.0061	22	0.25	4%	0
031.01	Phosphorus, Photometric (%)	2188	0.1050	0.0100	0.0931	0.0274	0.0061	22	0.43	6%	0
031.01	Phosphorus, Photometric (%)	2022	0.1250	0.0100	0.0931	0.0274	0.0061	22	1.16	17%	0
031.01	Phosphorus, Photometric (%)	0108	0.1350	0.0300	0.0931	0.0274	0.0061	22	1.53	23%	0
031.01	Phosphorus, Photometric (%)	2302	0.1450	0.0100	0.0931	0.0274	0.0061	22	1.89	28%	0
031.01	Phosphorus, Photometric (%)	2246	0.1500	0.0000	0.0931	0.0274	0.0061	22	2.08	31%	0
031.01	Phosphorus, Photometric (%)	2006	0.1630	0.0160	0.0931	0.0274	0.0061	22	2.55	38%	0
031.01	Phosphorus, Photometric (%)	0687	0.0750	0.0500	0.0931	0.0274	0.0061	22	-0.66	10%	1
031.01	Phosphorus, Photometric (%)	2109	0.6925	0.0050	0.0931	0.0274	0.0061	22	21.85	322%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.0650	0.0300				2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.0800	0.0000				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.0550	0.0100				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.0770	0.0060				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.2424	0.0104				3			0
031.06	Phosphorus, Hach Method (%)	0536	0.0500	0.0000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.0750	0.0100	0.0822	0.0044	0.0045	23	-1.64	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.0750	0.0100	0.0822	0.0044	0.0045	23	-1.64	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.0797	0.0002	0.0822	0.0044	0.0045	23	-0.57	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.0800	0.0000	0.0822	0.0044	0.0045	23	-0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.0800	0.0000	0.0822	0.0044	0.0045	23	-0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.0800	0.0000	0.0822	0.0044	0.0045	23	-0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.0800	0.0000	0.0822	0.0044	0.0045	23	-0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.0800	0.0000	0.0822	0.0044	0.0045	23	-0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.0800	0.0000	0.0822	0.0044	0.0045	23	-0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.0800	0.0200	0.0822	0.0044	0.0045	23	-0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.0800	0.0000	0.0822	0.0044	0.0045	23	-0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.0800	0.0000	0.0822	0.0044	0.0045	23	-0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.0800	0.0000	0.0822	0.0044	0.0045	23	-0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.0820	0.0020	0.0822	0.0044	0.0045	23	-0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.0840	0.0060	0.0822	0.0044	0.0045	23	0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.0850	0.0100	0.0822	0.0044	0.0045	23	0.64	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.0850	0.0100	0.0822	0.0044	0.0045	23	0.64	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.0850	0.0100	0.0822	0.0044	0.0045	23	0.64	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.0857	0.0012	0.0822	0.0044	0.0045	23	0.80	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.0865	0.0010	0.0822	0.0044	0.0045	23	0.99	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.0900	0.0000	0.0822	0.0044	0.0045	23	1.79	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.0900	0.0140	0.0822	0.0044	0.0045	23	1.79	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.0925	0.0090	0.0822	0.0044	0.0045	23	2.36	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.1812	0.0045	0.0822	0.0044	0.0045	23	22.63	60%	2
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.0750	0.0040	0.0809	0.0052	0.0047	19	-1.14	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.0750	0.0100	0.0809	0.0052	0.0047	19	-1.14	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.0750	0.0100	0.0809	0.0052	0.0047	19	-1.14	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.0750	0.0100	0.0809	0.0052	0.0047	19	-1.14	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.0774	0.0017	0.0809	0.0052	0.0047	19	-0.69	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.0791	0.0026	0.0809	0.0052	0.0047	19	-0.35	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.0800	0.0000	0.0809	0.0052	0.0047	19	-0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.0800	0.0200	0.0809	0.0052	0.0047	19	-0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.0800	0.0000	0.0809	0.0052	0.0047	19	-0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.0800	0.0000	0.0809	0.0052	0.0047	19	-0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.0800	0.0000	0.0809	0.0052	0.0047	19	-0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.0805	0.0110	0.0809	0.0052	0.0047	19	-0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.0815	0.0010	0.0809	0.0052	0.0047	19	0.11	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.0833	0.0003	0.0809	0.0052	0.0047	19	0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.0845	0.0010	0.0809	0.0052	0.0047	19	0.69	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.0850	0.0040	0.0809	0.0052	0.0047	19	0.79	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.0900	0.0000	0.0809	0.0052	0.0047	19	1.75	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.0909	0.0037	0.0809	0.0052	0.0047	19	1.91	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.1150	0.0100	0.0809	0.0052	0.0047	19	6.57	21%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	1.191	0.0360	0.0809	0.0052	0.0047	19	213.78	686%	2
031.43	Phosphorus, ICP, Microwave (%)	0017	0.0765	0.0010	0.0823	0.0041	0.0055	26	-1.41	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.0774	0.0032	0.0823	0.0041	0.0055	26	-1.19	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	0.0775	0.0030	0.0823	0.0041	0.0055	26	-1.17	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2143	0.0790	0.0020	0.0823	0.0041	0.0055	26	-0.80	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.0795	0.0010	0.0823	0.0041	0.0055	26	-0.68	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.0798	0.0018	0.0823	0.0041	0.0055	26	-0.61	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.0800	0.0000	0.0823	0.0041	0.0055	26	-0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.0800	0.0000	0.0823	0.0041	0.0055	26	-0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.0800	0.0400	0.0823	0.0041	0.0055	26	-0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.0800	0.0000	0.0823	0.0041	0.0055	26	-0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.0800	0.0000	0.0823	0.0041	0.0055	26	-0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2234	0.0800	0.0000	0.0823	0.0041	0.0055	26	-0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.0805	0.0010	0.0823	0.0041	0.0055	26	-0.44	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0914	0.0824	0.0024	0.0823	0.0041	0.0055	26	0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.0830	0.0060	0.0823	0.0041	0.0055	26	0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.0830	0.0120	0.0823	0.0041	0.0055	26	0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2058	0.0830	0.0020	0.0823	0.0041	0.0055	26	0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.0838	0.0008	0.0823	0.0041	0.0055	26	0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.0850	0.0020	0.0823	0.0041	0.0055	26	0.66	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			
031.43	Phosphorus, ICP, Microwave (%)	0610	0.0850	0.0100	0.0823	0.0041	0.0055	26	0.66	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.0850	0.0100	0.0823	0.0041	0.0055	26	0.66	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.0855	0.0038	0.0823	0.0041	0.0055	26	0.78	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.0900	0.0000	0.0823	0.0041	0.0055	26	1.87	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.0900	0.0000	0.0823	0.0041	0.0055	26	1.87	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.1005	0.0010	0.0823	0.0041	0.0055	26	4.43	11%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.1200	0.0400	0.0823	0.0041	0.0055	26	9.17	23%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	0.5355	0.8690	0.0823	0.0041	0.0055	26	110.26	275%	2
031.43	Phosphorus, ICP, Microwave (%)	0010	< 0.1		0.0823	0.0041	0.0055	26			5
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.0770	0.0060				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.1085	0.0050				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0560	0.0758	0.0028				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.0817	0.0048				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.0839	0.0012				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0015	0.0700	0.0060	0.0765	0.0045	0.0030	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.0770	0.0060	0.0765	0.0045	0.0030	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.0792	0.0001	0.0765	0.0045	0.0030	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.0800	0.0000	0.0765	0.0045	0.0030	4			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.0750	0.0100				3			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.0800	0.0000				3			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.0900	0.0000				3			0
032.31	Potassium, AAS, Dry ash (%)	0563	1.225	0.0007	1.348	0.0936	0.0264	13	-1.32	5%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.225	0.0300	1.348	0.0936	0.0264	13	-1.32	5%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.225	0.0100	1.348	0.0936	0.0264	13	-1.32	5%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.320	0.0200	1.348	0.0936	0.0264	13	-0.30	1%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.325	0.0300	1.348	0.0936	0.0264	13	-0.25	1%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.355	0.0100	1.348	0.0936	0.0264	13	0.07	0%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.370	0.0200	1.348	0.0936	0.0264	13	0.23	1%	0
032.31	Potassium, AAS, Dry ash (%)	0683	1.375	0.0100	1.348	0.0936	0.0264	13	0.29	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.377	0.0631	1.348	0.0936	0.0264	13	0.31	1%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.400	0.0200	1.348	0.0936	0.0264	13	0.55	2%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.415	0.0300	1.348	0.0936	0.0264	13	0.72	2%	0
032.31	Potassium, AAS, Dry ash (%)	2022	1.425	0.0700	1.348	0.0936	0.0264	13	0.82	3%	0
032.31	Potassium, AAS, Dry ash (%)	2146	1.585	0.0300	1.348	0.0936	0.0264	13	2.53	9%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.410	0.0400				2			0
032.32	Potassium, AAS, Open vessel (%)	2246	1.415	0.0100				2			0
032.41	Potassium, ICP, Dry ash (%)	0598	0.7026	0.0032	1.336	0.0713	0.0317	23	-8.89	24%	0
032.41	Potassium, ICP, Dry ash (%)	0004	1.220	0.0600	1.336	0.0713	0.0317	23	-1.63	4%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.225	0.0500	1.336	0.0713	0.0317	23	-1.56	4%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.230	0.0000	1.336	0.0713	0.0317	23	-1.49	4%	0
032.41	Potassium, ICP, Dry ash (%)	0123	1.290	0.0200	1.336	0.0713	0.0317	23	-0.65	2%	0
032.41	Potassium, ICP, Dry ash (%)	0354	1.305	0.0100	1.336	0.0713	0.0317	23	-0.44	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			
032.41	Potassium, ICP, Dry ash (%)	0619	1.310	0.0400	1.336	0.0713	0.0317	23	-0.37	1%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.320	0.0000	1.336	0.0713	0.0317	23	-0.23	1%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.330	0.0600	1.336	0.0713	0.0317	23	-0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.330	0.0600	1.336	0.0713	0.0317	23	-0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.330	0.1200	1.336	0.0713	0.0317	23	-0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.335	0.0300	1.336	0.0713	0.0317	23	-0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.350	0.0000	1.336	0.0713	0.0317	23	0.20	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.360	0.0600	1.336	0.0713	0.0317	23	0.34	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.366	0.0630	1.336	0.0713	0.0317	23	0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0066	1.369	0.0250	1.336	0.0713	0.0317	23	0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.370	0.0200	1.336	0.0713	0.0317	23	0.48	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.380	0.0200	1.336	0.0713	0.0317	23	0.62	2%	0
032.41	Potassium, ICP, Dry ash (%)	0878	1.395	0.0100	1.336	0.0713	0.0317	23	0.83	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.400	0.0200	1.336	0.0713	0.0317	23	0.90	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.415	0.0300	1.336	0.0713	0.0317	23	1.11	3%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.415	0.0100	1.336	0.0713	0.0317	23	1.11	3%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.446	0.0181	1.336	0.0713	0.0317	23	1.55	4%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.191	0.0360	1.355	0.0942	0.0423	20	-1.74	6%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.235	0.0500	1.355	0.0942	0.0423	20	-1.27	4%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.262	0.0406	1.355	0.0942	0.0423	20	-0.98	3%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.265	0.0900	1.355	0.0942	0.0423	20	-0.95	3%	0
032.42	Potassium, ICP, Open vessel (%)	2319	1.300	0.0200	1.355	0.0942	0.0423	20	-0.58	2%	0
032.42	Potassium, ICP, Open vessel (%)	0047	1.305	0.1500	1.355	0.0942	0.0423	20	-0.53	2%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.310	0.0200	1.355	0.0942	0.0423	20	-0.48	2%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.328	0.0460	1.355	0.0942	0.0423	20	-0.28	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.330	0.0400	1.355	0.0942	0.0423	20	-0.26	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.335	0.0100	1.355	0.0942	0.0423	20	-0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.353	0.0930	1.355	0.0942	0.0423	20	-0.02	0%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.354	0.0040	1.355	0.0942	0.0423	20	-0.01	0%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.359	0.0440	1.355	0.0942	0.0423	20	0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.390	0.1000	1.355	0.0942	0.0423	20	0.37	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.415	0.0100	1.355	0.0942	0.0423	20	0.64	2%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.440	0.0320	1.355	0.0942	0.0423	20	0.91	3%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.460	0.0000	1.355	0.0942	0.0423	20	1.12	4%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.470	0.0200	1.355	0.0942	0.0423	20	1.22	4%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.475	0.0100	1.355	0.0942	0.0423	20	1.28	4%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.515	0.0300	1.355	0.0942	0.0423	20	1.70	6%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.201	0.0020	1.384	0.0760	0.0212	28	-2.40	7%	0
032.43	Potassium, ICP, Microwave (%)	2143	1.285	0.0100	1.384	0.0760	0.0212	28	-1.30	4%	0
032.43	Potassium, ICP, Microwave (%)	0870	1.293	0.0370	1.384	0.0760	0.0212	28	-1.20	3%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.300	0.0000	1.384	0.0760	0.0212	28	-1.10	3%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.315	0.0100	1.384	0.0760	0.0212	28	-0.90	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0914	1.323	0.0228	1.384	0.0760	0.0212	28	-0.79	2%	0
032.43	Potassium, ICP, Microwave (%)	0300	1.330	0.0200	1.384	0.0760	0.0212	28	-0.70	2%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.330	0.0635	1.384	0.0760	0.0212	28	-0.70	2%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.341	0.0050	1.384	0.0760	0.0212	28	-0.57	2%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.345	0.0100	1.384	0.0760	0.0212	28	-0.51	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.350	0.0000	1.384	0.0760	0.0212	28	-0.44	1%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.350	0.0400	1.384	0.0760	0.0212	28	-0.44	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.360	0.0000	1.384	0.0760	0.0212	28	-0.31	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.380	0.0400	1.384	0.0760	0.0212	28	-0.05	0%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.390	0.0800	1.384	0.0760	0.0212	28	0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0089	1.400	0.0000	1.384	0.0760	0.0212	28	0.22	1%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.408	0.0040	1.384	0.0760	0.0212	28	0.32	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.411	0.0210	1.384	0.0760	0.0212	28	0.35	1%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.415	0.0100	1.384	0.0760	0.0212	28	0.41	1%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.425	0.0089	1.384	0.0760	0.0212	28	0.55	2%	0
032.43	Potassium, ICP, Microwave (%)	2326	1.432	0.0030	1.384	0.0760	0.0212	28	0.63	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.435	0.0100	1.384	0.0760	0.0212	28	0.68	2%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.440	0.0000	1.384	0.0760	0.0212	28	0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	2058	1.459	0.0050	1.384	0.0760	0.0212	28	0.99	3%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.465	0.0900	1.384	0.0760	0.0212	28	1.07	3%	0
032.43	Potassium, ICP, Microwave (%)	2192	1.495	0.0100	1.384	0.0760	0.0212	28	1.47	4%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.500	0.0800	1.384	0.0760	0.0212	28	1.53	4%	0
032.43	Potassium, ICP, Microwave (%)	2234	1.515	0.0100	1.384	0.0760	0.0212	28	1.73	5%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.450	0.1400	1.384	0.0760	0.0212	28	0.87	2%	1
032.44	Potassium, ICP, Dry ash (%)	0164	1.375	0.0100				1			0
032.51	Potassium, ICP-MS, Dry ash (%)	2146	1.690	0.0200				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.216	0.0138				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.324	0.0630				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0560	1.325	0.1751				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0015	1.260	0.0200	1.336	0.0607	0.0325	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.315	0.0100	1.336	0.0607	0.0325	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.380	0.0400	1.336	0.0607	0.0325	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.390	0.0600	1.336	0.0607	0.0325	4			0
032.99	Potassium, Miscellaneous (%)	0590	1.330	0.0200	1.360	0.0258	0.0200	4			0
032.99	Potassium, Miscellaneous (%)	2302	1.350	0.0000	1.360	0.0258	0.0200	4			0
032.99	Potassium, Miscellaneous (%)	0100	1.370	0.0000	1.360	0.0258	0.0200	4			0
032.99	Potassium, Miscellaneous (%)	0242	1.390	0.0600	1.360	0.0258	0.0200	4			0
033.00	Salt as chloride, Sol Cl (%)	0893	0.1450	0.0100	0.3160	0.0433	0.0208	12	-3.95	27%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.2300	0.0000	0.3160	0.0433	0.0208	12	-1.99	14%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.2800	0.0200	0.3160	0.0433	0.0208	12	-0.83	6%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.3100	0.0000	0.3160	0.0433	0.0208	12	-0.14	1%	0
033.00	Salt as chloride, Sol Cl (%)	0878	0.3200	0.0400	0.3160	0.0433	0.0208	12	0.09	1%	0

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033.00	Salt as chloride, Sol Cl (%)	0309	0.3246	0.0165	0.3160	0.0433	0.0208	12	0.20	1%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.3250	0.0700	0.3160	0.0433	0.0208	12	0.21	1%	0
033.00	Salt as chloride, Sol Cl (%)	0881	0.3300	0.0260	0.3160	0.0433	0.0208	12	0.32	2%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.3300	0.0000	0.3160	0.0433	0.0208	12	0.32	2%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.3355	0.0370	0.3160	0.0433	0.0208	12	0.45	3%	0
033.00	Salt as chloride, Sol Cl (%)	2076	0.3650	0.0300	0.3160	0.0433	0.0208	12	1.13	8%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.3700	0.0000	0.3160	0.0433	0.0208	12	1.25	9%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.5775	0.2490	0.3160	0.0433	0.0208	12	6.05	41%	1
033.01	Salt as chloride, Poten Cl (%)	0083	0.2900	0.0000	0.3377	0.0215	0.0073	19	-2.22	7%	0
033.01	Salt as chloride, Poten Cl (%)	2146	0.3150	0.0100	0.3377	0.0215	0.0073	19	-1.06	3%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.3200	0.0000	0.3377	0.0215	0.0073	19	-0.82	3%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.3250	0.0100	0.3377	0.0215	0.0073	19	-0.59	2%	0
033.01	Salt as chloride, Poten Cl (%)	0413	0.3250	0.0100	0.3377	0.0215	0.0073	19	-0.59	2%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.3275	0.0050	0.3377	0.0215	0.0073	19	-0.47	2%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.3275	0.0010	0.3377	0.0215	0.0073	19	-0.47	2%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.3300	0.0000	0.3377	0.0215	0.0073	19	-0.36	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.3300	0.0000	0.3377	0.0215	0.0073	19	-0.36	1%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.3300	0.0200	0.3377	0.0215	0.0073	19	-0.36	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.3300	0.0000	0.3377	0.0215	0.0073	19	-0.36	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.3400	0.0200	0.3377	0.0215	0.0073	19	0.11	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.3400	0.0200	0.3377	0.0215	0.0073	19	0.11	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	0.3500	0.0000	0.3377	0.0215	0.0073	19	0.57	2%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.3550	0.0100	0.3377	0.0215	0.0073	19	0.80	3%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.3600	0.0000	0.3377	0.0215	0.0073	19	1.04	3%	0
033.01	Salt as chloride, Poten Cl (%)	0186	0.3660	0.0020	0.3377	0.0215	0.0073	19	1.31	4%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.3800	0.0000	0.3377	0.0215	0.0073	19	1.97	6%	0
033.01	Salt as chloride, Poten Cl (%)	2268	0.5250	0.0300	0.3377	0.0215	0.0073	19	8.70	28%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.4400	0.0600	0.3377	0.0215	0.0073	19	4.75	15%	1
033.03	Salt as chloride, Quantab (%)	0726	0.3400	0.0000	0.3575	0.0144	0.0100	4			0
033.03	Salt as chloride, Quantab (%)	0265	0.3550	0.0100	0.3575	0.0144	0.0100	4			0
033.03	Salt as chloride, Quantab (%)	0656	0.3600	0.0000	0.3575	0.0144	0.0100	4			0
033.03	Salt as chloride, Quantab (%)	0144	0.3750	0.0300	0.3575	0.0144	0.0100	4			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	0.3250	0.0500				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.3250	0.0100				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	0.4000	0.0200				3			0
033.99	Salt, Miscellaneous (%)	0536	0.1550	0.0100	0.5198	0.5125	0.0109	8	-0.71	35%	0
033.99	Salt, Miscellaneous (%)	2073	0.2200	0.0200	0.5198	0.5125	0.0109	8	-0.59	29%	0
033.99	Salt, Miscellaneous (%)	0682	0.3100	0.0000	0.5198	0.5125	0.0109	8	-0.41	20%	0
033.99	Salt, Miscellaneous (%)	0650	0.3150	0.0100	0.5198	0.5125	0.0109	8	-0.40	20%	0
033.99	Salt, Miscellaneous (%)	2129	0.3345	0.0050	0.5198	0.5125	0.0109	8	-0.36	18%	0
033.99	Salt, Miscellaneous (%)	0910	0.3350	0.0100	0.5198	0.5125	0.0109	8	-0.36	18%	0
033.99	Salt, Miscellaneous (%)	0017	1.214	0.0020	0.5198	0.5125	0.0109	8	1.35	67%	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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033.99	Salt, Miscellaneous (%)	0358	1.275	0.0300	0.5198	0.5125	0.0109	8	1.47	73%	0
034.04	Selenium, AA, Hydride (ppm)	0169	0.1950	0.0100				3			0
034.04	Selenium, AA, Hydride (ppm)	0563	0.2152	0.0222				3			0
034.04	Selenium, AA, Hydride (ppm)	0171	0.2395	0.1730				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0407	0.1600	0.0200				1			0
034.42	Selenium, ICP, Open vessel (ppm)	0692	0.0000	0.0000				0			4
034.43	Selenium, ICP, Microwave (ppm)	0407	0.4650	0.0700				1			0
034.43	Selenium, ICP, Microwave (ppm)	0682	< 0.5					1			5
034.52	Selenium, ICP-MS, Open vessel (ppm)	0910	0.1700	0.0000				2			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0186	0.1950	0.0120				2			0
034.53	Selenium, ICP-MS, Microwave (ppm)	0553	0.1995	0.0210				3			0
034.53	Selenium, ICP-MS, Microwave (ppm)	0560	0.2080	0.0040				3			0
034.53	Selenium, ICP-MS, Microwave (ppm)	2012	0.3335	0.0070				3			0
034.53	Selenium, ICP-MS, Microwave (ppm)	0164	< 0.5					3			5
035.01	Sodium, Ion-selective electrode (%)	0868	0.4935	0.0150				1			0
035.05	Sodium, Flame Emission (%)	0108	0.4800	0.0200				1			0
035.31	Sodium, AAS, Dry ash (%)	0536	0.4245	0.0010	0.4727	0.0247	0.0129	12	-1.95	5%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.4400	0.0000	0.4727	0.0247	0.0129	12	-1.32	3%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.4450	0.0100	0.4727	0.0247	0.0129	12	-1.12	3%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.4700	0.0000	0.4727	0.0247	0.0129	12	-0.11	0%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.4745	0.0077	0.4727	0.0247	0.0129	12	0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.4760	0.0220	0.4727	0.0247	0.0129	12	0.13	0%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.4777	0.0044	0.4727	0.0247	0.0129	12	0.20	1%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.4790	0.0200	0.4727	0.0247	0.0129	12	0.25	1%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.4850	0.0100	0.4727	0.0247	0.0129	12	0.50	1%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.4900	0.0400	0.4727	0.0247	0.0129	12	0.70	2%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.5000	0.0400	0.4727	0.0247	0.0129	12	1.10	3%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.5000	0.0000	0.4727	0.0247	0.0129	12	1.10	3%	0
035.31	Sodium, AAS, Dry ash (%)	2246	2.160	0.0000	0.4727	0.0247	0.0129	12	68.17	178%	2
035.32	Sodium, AAS, Open vessel (%)	0169	0.4650	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	0598	0.3109	0.0039	0.4619	0.0297	0.0133	25	-5.08	16%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.3960	0.0160	0.4619	0.0297	0.0133	25	-2.22	7%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.4250	0.0100	0.4619	0.0297	0.0133	25	-1.24	4%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.4350	0.0300	0.4619	0.0297	0.0133	25	-0.90	3%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.4350	0.0100	0.4619	0.0297	0.0133	25	-0.90	3%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.4391	0.0103	0.4619	0.0297	0.0133	25	-0.77	2%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.4400	0.0200	0.4619	0.0297	0.0133	25	-0.74	2%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.4400	0.0400	0.4619	0.0297	0.0133	25	-0.74	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.4500	0.0000	0.4619	0.0297	0.0133	25	-0.40	1%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.4540	0.0160	0.4619	0.0297	0.0133	25	-0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.4600	0.0000	0.4619	0.0297	0.0133	25	-0.06	0%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.4600	0.0000	0.4619	0.0297	0.0133	25	-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			
035.41	Sodium, ICP, Dry ash (%)	0208	0.4610	0.0340	0.4619	0.0297	0.0133	25	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.4700	0.0000	0.4619	0.0297	0.0133	25	0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.4700	0.0200	0.4619	0.0297	0.0133	25	0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.4700	0.0200	0.4619	0.0297	0.0133	25	0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.4750	0.0100	0.4619	0.0297	0.0133	25	0.44	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.4780	0.0160	0.4619	0.0297	0.0133	25	0.54	2%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.4795	0.0150	0.4619	0.0297	0.0133	25	0.59	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.4850	0.0100	0.4619	0.0297	0.0133	25	0.78	3%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.4850	0.0100	0.4619	0.0297	0.0133	25	0.78	3%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.4945	0.0090	0.4619	0.0297	0.0133	25	1.10	4%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.4950	0.0100	0.4619	0.0297	0.0133	25	1.11	4%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.5050	0.0100	0.4619	0.0297	0.0133	25	1.45	5%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.5100	0.0111	0.4619	0.0297	0.0133	25	1.62	5%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.4210	0.0160	0.4676	0.0347	0.0143	18	-1.34	5%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.4250	0.0100	0.4676	0.0347	0.0143	18	-1.23	5%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.4280	0.0200	0.4676	0.0347	0.0143	18	-1.14	4%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.4295	0.0064	0.4676	0.0347	0.0143	18	-1.10	4%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.4300	0.0400	0.4676	0.0347	0.0143	18	-1.08	4%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.4600	0.0200	0.4676	0.0347	0.0143	18	-0.22	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.4615	0.0010	0.4676	0.0347	0.0143	18	-0.18	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.4670	0.0020	0.4676	0.0347	0.0143	18	-0.02	0%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.4700	0.0000	0.4676	0.0347	0.0143	18	0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.4733	0.0028	0.4676	0.0347	0.0143	18	0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.4750	0.0300	0.4676	0.0347	0.0143	18	0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.4785	0.0090	0.4676	0.0347	0.0143	18	0.32	1%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.4800	0.0020	0.4676	0.0347	0.0143	18	0.36	1%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.4885	0.0330	0.4676	0.0347	0.0143	18	0.60	2%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.4950	0.0500	0.4676	0.0347	0.0143	18	0.79	3%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.5050	0.0100	0.4676	0.0347	0.0143	18	1.08	4%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.5100	0.0000	0.4676	0.0347	0.0143	18	1.22	5%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.5190	0.0060	0.4676	0.0347	0.0143	18	1.48	5%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.3800	0.0000	0.4844	0.0222	0.0134	27	-4.71	11%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.4520	0.0221	0.4844	0.0222	0.0134	27	-1.46	3%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.4600	0.0000	0.4844	0.0222	0.0134	27	-1.10	3%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.4645	0.0010	0.4844	0.0222	0.0134	27	-0.90	2%	0
035.43	Sodium, ICP, Microwave (%)	0914	0.4645	0.0108	0.4844	0.0222	0.0134	27	-0.90	2%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.4650	0.0100	0.4844	0.0222	0.0134	27	-0.87	2%	0
035.43	Sodium, ICP, Microwave (%)	0300	0.4675	0.0070	0.4844	0.0222	0.0134	27	-0.76	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.4690	0.0060	0.4844	0.0222	0.0134	27	-0.69	2%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.4700	0.0000	0.4844	0.0222	0.0134	27	-0.65	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.4700	0.0000	0.4844	0.0222	0.0134	27	-0.65	1%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.4775	0.0010	0.4844	0.0222	0.0134	27	-0.31	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.43	Sodium, ICP, Microwave (%)	0083	0.4800	0.0000	0.4844	0.0222	0.0134	27	-0.20	0%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.4800	0.0000	0.4844	0.0222	0.0134	27	-0.20	0%	0
035.43	Sodium, ICP, Microwave (%)	2143	0.4850	0.0300	0.4844	0.0222	0.0134	27	0.03	0%	0
035.43	Sodium, ICP, Microwave (%)	0027	0.4880	0.0000	0.4844	0.0222	0.0134	27	0.16	0%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.4900	0.0000	0.4844	0.0222	0.0134	27	0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0881	0.4900	0.0340	0.4844	0.0222	0.0134	27	0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.4955	0.0032	0.4844	0.0222	0.0134	27	0.50	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.5000	0.0400	0.4844	0.0222	0.0134	27	0.70	2%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.5000	0.0200	0.4844	0.0222	0.0134	27	0.70	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.5005	0.0090	0.4844	0.0222	0.0134	27	0.73	2%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.5020	0.0060	0.4844	0.0222	0.0134	27	0.79	2%	0
035.43	Sodium, ICP, Microwave (%)	0010	0.5050	0.0100	0.4844	0.0222	0.0134	27	0.93	2%	0
035.43	Sodium, ICP, Microwave (%)	2058	0.5060	0.0080	0.4844	0.0222	0.0134	27	0.98	2%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.5097	0.0640	0.4844	0.0222	0.0134	27	1.14	3%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.5365	0.0310	0.4844	0.0222	0.0134	27	2.35	5%	0
035.43	Sodium, ICP, Microwave (%)	2234	0.5550	0.0500	0.4844	0.0222	0.0134	27	3.18	7%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.4400	0.1400	0.4844	0.0222	0.0134	27	-2.00	5%	1
035.51	Sodium, ICP-MS, Dry ash (%)	2146	0.5900	0.0200				1			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.4400	0.0077				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0560	0.4485	0.0303				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.4835	0.0250				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0015	0.4450	0.0100				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.4550	0.0100				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.4675	0.0110				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.4380	0.0760				3			1
035.99	Sodium, Miscellaneous (%)	0242	0.4700	0.0200				3			0
035.99	Sodium, Miscellaneous (%)	0590	0.4700	0.0400				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.4850	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	2302	0.2500	0.0000				3			2
036.04	Sulfur, LECO (%)	2053	0.5400	0.0600	0.5991	0.0531	0.0198	6	-1.11	5%	0
036.04	Sulfur, LECO (%)	0226	0.5650	0.0100	0.5991	0.0531	0.0198	6	-0.64	3%	0
036.04	Sulfur, LECO (%)	0229	0.5750	0.0100	0.5991	0.0531	0.0198	6	-0.45	2%	0
036.04	Sulfur, LECO (%)	0001	0.6105	0.0190	0.5991	0.0531	0.0198	6	0.21	1%	0
036.04	Sulfur, LECO (%)	0148	0.6490	0.0100	0.5991	0.0531	0.0198	6	0.94	4%	0
036.04	Sulfur, LECO (%)	0610	0.6550	0.0100	0.5991	0.0531	0.0198	6	1.05	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.5594	0.0152	0.6199	0.0433	0.0183	21	-1.40	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.5600	0.0400	0.6199	0.0433	0.0183	21	-1.38	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.5600	0.0000	0.6199	0.0433	0.0183	21	-1.38	5%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.5770	0.0163	0.6199	0.0433	0.0183	21	-0.99	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.5966	0.0316	0.6199	0.0433	0.0183	21	-0.54	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.6000	0.0200	0.6199	0.0433	0.0183	21	-0.46	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.6035	0.0010	0.6199	0.0433	0.0183	21	-0.38	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			
036.42	Sulfur, ICP, Open vessel (%)	0265	0.6050	0.0300	0.6199	0.0433	0.0183	21	-0.35	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.6150	0.0100	0.6199	0.0433	0.0183	21	-0.11	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.6200	0.0200	0.6199	0.0433	0.0183	21	0.00	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.6200	0.0300	0.6199	0.0433	0.0183	21	0.00	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.6200	0.0000	0.6199	0.0433	0.0183	21	0.00	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.6202	0.0537	0.6199	0.0433	0.0183	21	0.00	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.6205	0.0190	0.6199	0.0433	0.0183	21	0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.6350	0.0100	0.6199	0.0433	0.0183	21	0.35	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.6535	0.0130	0.6199	0.0433	0.0183	21	0.78	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.6550	0.0100	0.6199	0.0433	0.0183	21	0.81	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.6600	0.0200	0.6199	0.0433	0.0183	21	0.93	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.6685	0.0130	0.6199	0.0433	0.0183	21	1.12	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.7050	0.0100	0.6199	0.0433	0.0183	21	1.97	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.7165	0.0210	0.6199	0.0433	0.0183	21	2.23	8%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.6000	0.0200	0.6754	0.0454	0.0228	20	-1.66	6%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.6040	0.0196	0.6754	0.0454	0.0228	20	-1.57	5%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.6253	0.0168	0.6754	0.0454	0.0228	20	-1.10	4%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.6400	0.0200	0.6754	0.0454	0.0228	20	-0.78	3%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.6450	0.0100	0.6754	0.0454	0.0228	20	-0.67	2%	0
036.43	Sulfur, ICP, Microwave (%)	2234	0.6450	0.0100	0.6754	0.0454	0.0228	20	-0.67	2%	0
036.43	Sulfur, ICP, Microwave (%)	0036	0.6640	0.0024	0.6754	0.0454	0.0228	20	-0.25	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.6675	0.0110	0.6754	0.0454	0.0228	20	-0.17	1%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.6700	0.0800	0.6754	0.0454	0.0228	20	-0.12	0%	0
036.43	Sulfur, ICP, Microwave (%)	0027	0.6725	0.0330	0.6754	0.0454	0.0228	20	-0.06	0%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.6745	0.0110	0.6754	0.0454	0.0228	20	-0.02	0%	0
036.43	Sulfur, ICP, Microwave (%)	0914	0.6801	0.0144	0.6754	0.0454	0.0228	20	0.10	0%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.6850	0.0300	0.6754	0.0454	0.0228	20	0.21	1%	0
036.43	Sulfur, ICP, Microwave (%)	2055	0.6915	0.0269	0.6754	0.0454	0.0228	20	0.35	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.7000	0.0000	0.6754	0.0454	0.0228	20	0.54	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.7005	0.0365	0.6754	0.0454	0.0228	20	0.55	2%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.7210	0.0320	0.6754	0.0454	0.0228	20	1.00	3%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.7250	0.0700	0.6754	0.0454	0.0228	20	1.09	4%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.7445	0.0110	0.6754	0.0454	0.0228	20	1.52	5%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.7860	0.0020	0.6754	0.0454	0.0228	20	2.43	8%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.6325	0.0050				3			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0560	0.6335	0.0577				3			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.7412	0.0814				3			0
036.53	Sulfur, ICP-MS, Microwave (%)	0015	0.6150	0.0300				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	316.8	632.4				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.6600	0.0400				1			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	0.3400	0.0200	23.06	2.239	0.1985	7	-10.14	49%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	22.00	0.4000	23.06	2.239	0.1985	7	-0.47	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.31	Zinc, AAS, Dry ash (ppm)	0563	22.79	0.3594	23.06	2.239	0.1985	7	-0.12	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	22.98	0.1100	23.06	2.239	0.1985	7	-0.04	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0656	23.18	0.0000	23.06	2.239	0.1985	7	0.06	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	25.10	0.0000	23.06	2.239	0.1985	7	0.91	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0868	25.65	0.5000	23.06	2.239	0.1985	7	1.16	6%	0
037.33	Zinc, AAS, Microwave (ppm)	0948	28.07	0.7200				1			0
037.41	Zinc, ICP, Dry ash (ppm)	2012	7.635	0.1700	22.91	3.539	1.231	18	-4.32	33%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	12.78	0.2100	22.91	3.539	1.231	18	-2.86	22%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	18.83	1.280	22.91	3.539	1.231	18	-1.15	9%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	21.50	1.000	22.91	3.539	1.231	18	-0.40	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	21.75	0.8600	22.91	3.539	1.231	18	-0.33	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0208	22.22	0.3000	22.91	3.539	1.231	18	-0.19	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	22.34	0.2500	22.91	3.539	1.231	18	-0.16	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	22.46	0.7400	22.91	3.539	1.231	18	-0.13	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0074	22.50	3.000	22.91	3.539	1.231	18	-0.11	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	22.50	1.000	22.91	3.539	1.231	18	-0.11	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	22.75	1.260	22.91	3.539	1.231	18	-0.04	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0878	23.00	0.0000	22.91	3.539	1.231	18	0.03	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	23.27	1.340	22.91	3.539	1.231	18	0.10	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	24.14	0.6434	22.91	3.539	1.231	18	0.35	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	25.95	0.1000	22.91	3.539	1.231	18	0.86	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	27.48	4.580	22.91	3.539	1.231	18	1.29	10%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	34.81	1.220	22.91	3.539	1.231	18	3.36	26%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	44.50	4.200	22.91	3.539	1.231	18	6.10	47%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	19.51	0.6900	25.02	4.994	1.488	15	-1.10	11%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	20.60	0.9600	25.02	4.994	1.488	15	-0.88	9%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	21.50	3.000	25.02	4.994	1.488	15	-0.70	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	21.55	1.300	25.02	4.994	1.488	15	-0.69	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	22.00	0.0000	25.02	4.994	1.488	15	-0.60	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	22.29	1.943	25.02	4.994	1.488	15	-0.55	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	22.50	1.000	25.02	4.994	1.488	15	-0.50	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	22.93	0.0870	25.02	4.994	1.488	15	-0.42	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	24.05	0.9000	25.02	4.994	1.488	15	-0.19	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	26.53	0.5100	25.02	4.994	1.488	15	0.30	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	26.99	0.5800	25.02	4.994	1.488	15	0.40	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	28.50	1.000	25.02	4.994	1.488	15	0.70	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	31.85	4.300	25.02	4.994	1.488	15	1.37	14%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	31.94	3.043	25.02	4.994	1.488	15	1.39	14%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	37.70	3.000	25.02	4.994	1.488	15	2.54	25%	0
037.42	Zinc, ICP, Open vessel (ppm)	0413	< 50		25.02	4.994	1.488	15			5
037.43	Zinc, ICP, Microwave (ppm)	0425	2.220	1.540	23.82	2.305	1.971	19	-9.37	45%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	16.39	2.100	23.82	2.305	1.971	19	-3.22	16%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (ppm)	0870	18.79	0.3600	23.82	2.305	1.971	19	-2.18	11%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	22.24	0.1700	23.82	2.305	1.971	19	-0.69	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	22.89	3.081	23.82	2.305	1.971	19	-0.40	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	23.40	1.600	23.82	2.305	1.971	19	-0.18	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	23.50	1.000	23.82	2.305	1.971	19	-0.14	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	23.68	0.0000	23.82	2.305	1.971	19	-0.06	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	23.70	0.2000	23.82	2.305	1.971	19	-0.05	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	24.00	0.0000	23.82	2.305	1.971	19	0.08	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	24.00	0.0000	23.82	2.305	1.971	19	0.08	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	24.28	1.703	23.82	2.305	1.971	19	0.20	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	24.30	0.4000	23.82	2.305	1.971	19	0.21	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	24.41	1.550	23.82	2.305	1.971	19	0.26	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	24.60	0.6000	23.82	2.305	1.971	19	0.34	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	25.50	1.000	23.82	2.305	1.971	19	0.73	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	26.39	0.6200	23.82	2.305	1.971	19	1.12	5%	0
037.43	Zinc, ICP, Microwave (ppm)	2143	34.05	4.270	23.82	2.305	1.971	19	4.44	21%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	34.43	17.26	23.82	2.305	1.971	19	4.60	22%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	98.00	36.00	23.82	2.305	1.971	19	32.18	156%	1
037.44	Zinc, ICP, Dry ash (ppm)	0164	21.00	2.000				1			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0560	20.10	2.400				1			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	20.01	1.740	23.30	2.601	3.565	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0015	22.97	7.520	23.30	2.601	3.565	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	23.90	0.8000	23.30	2.601	3.565	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	26.30	4.200	23.30	2.601	3.565	4			0
037.99	Zinc, Miscellaneous (ppm)	0100	22.00	2.000				3			0
037.99	Zinc, Miscellaneous (ppm)	0242	22.00	2.000				3			0
037.99	Zinc, Miscellaneous (ppm)	2302	22.00	0.0000				3			0
037.99	Zinc, Miscellaneous (ppm)	0590	32.30	5.200				3			2
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	1.215	0.0300				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.314	0.0027				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.425	0.0100				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.500	0.1000				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.554	0.1740				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	1.565	0.4300				3			0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	1.001	0.0436	1.301	0.3056	0.0569	6	-0.98	12%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	1.075	0.1300	1.301	0.3056	0.0569	6	-0.74	9%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.100	0.0000	1.301	0.3056	0.0569	6	-0.66	8%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.480	0.1600	1.301	0.3056	0.0569	6	0.59	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.547	0.0078	1.301	0.3056	0.0569	6	0.81	9%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.600	0.0000	1.301	0.3056	0.0569	6	0.98	12%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	0.4050	0.0900				1			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	1.380	0.0000				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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038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	1.385	0.0500				2			0
040.52	Barium, ICP-MS, Open vessel (ppm)	0560	49.19	5.600				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0015	46.23	2.580				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0015	1.400	0.1400				2			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	1.655	0.1500				2			0
042.00	Chloride, Titrimetric (%)	2326	0.2000	0.0000				2			0
042.00	Chloride, Titrimetric (%)	0948	0.2160	0.0060				2			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	941.5	53.00				1			0
102.01	Niacin, Microbiological (ppm)	0227	12.80	0.0000				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	< 0.55					0			5
104.00	Riboflavin, Fluorometric (ppm)	0227	< 0.5					0			5
104.03	Riboflavin, LC (ppm)	0910	0.2750	0.0500				1			0
105.00	Thiamine, LC (ppm)	0910	0.0650	0.1100				1			0
105.01	Thiamine, Fluorometer (ppm)	0227	0.1140	0.0040				1			0
106.00	Vitamin A, Color (KU / kg)	0227	0.9475	0.1970				1			0
106.02	Vitamin A, LC (KU / kg)	0676	0.0000	0.0000				0			4
107.00	Vitamin B12, Microbiological (ppb)	0227	5.425	0.0500				1			0
108.02	Vitamin D3, LC (KU / kg)	0227	< 0.04					0			5
109.02	Vitamin E, LC (IU / kg)	0910	9.200	1.000				3			0
109.02	Vitamin E, LC (IU / kg)	0227	12.90	2.600				3			0
109.02	Vitamin E, LC (IU / kg)	0676	14.71	0.8900				3			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
112.01	Pyridoxine, LC (µg / g)	0227	3.770	0.2000				1			0
113.01	Folic Acid, Micro (ppm)	0227	0.1800	0.0140				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.0586	0.0012				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	0.3850	0.0500				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	3.305	0.9500				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.3400	0.0000	0.3901	0.0162	0.0059	17	-3.09	6%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.3485	0.0090	0.3901	0.0162	0.0059	17	-2.57	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.3650	0.0100	0.3901	0.0162	0.0059	17	-1.55	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.3815	0.0190	0.3901	0.0162	0.0059	17	-0.53	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.3850	0.0190	0.3901	0.0162	0.0059	17	-0.32	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.3850	0.0100	0.3901	0.0162	0.0059	17	-0.32	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.3860	0.0000	0.3901	0.0162	0.0059	17	-0.25	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.3900	0.0100	0.3901	0.0162	0.0059	17	-0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.3930	0.0000	0.3901	0.0162	0.0059	17	0.18	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.3945	0.0010	0.3901	0.0162	0.0059	17	0.27	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.3946	0.0094	0.3901	0.0162	0.0059	17	0.28	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.3990	0.0020	0.3901	0.0162	0.0059	17	0.55	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.4000	0.0000	0.3901	0.0162	0.0059	17	0.61	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.4025	0.0010	0.3901	0.0162	0.0059	17	0.76	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.4040	0.0000	0.3901	0.0162	0.0059	17	0.86	2%	0

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120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.4076	0.0087	0.3901	0.0162	0.0059	17	1.08	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.4120	0.0020	0.3901	0.0162	0.0059	17	1.35	3%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.3895	0.0010				1			0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.2900	0.0000	0.3485	0.0468	0.0000	4			0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.3320	0.0000	0.3485	0.0468	0.0000	4			0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.3800	0.0000	0.3485	0.0468	0.0000	4			0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.3920	0.0000	0.3485	0.0468	0.0000	4			0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.3880	0.0020	0.3485	0.0468	0.0000	4			1
120.99	Alanine, Miscellaneous (%)	0227	0.3900	0.0000				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.2750	0.0100	0.3221	0.0246	0.0070	16	-1.91	7%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.2950	0.0100	0.3221	0.0246	0.0070	16	-1.10	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.3000	0.0200	0.3221	0.0246	0.0070	16	-0.90	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.3000	0.0090	0.3221	0.0246	0.0070	16	-0.90	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.3070	0.0240	0.3221	0.0246	0.0070	16	-0.61	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	0.3080	0.0020	0.3221	0.0246	0.0070	16	-0.57	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	0.3220	0.0000	0.3221	0.0246	0.0070	16	0.00	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.3245	0.0010	0.3221	0.0246	0.0070	16	0.10	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.3260	0.0000	0.3221	0.0246	0.0070	16	0.16	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.3285	0.0030	0.3221	0.0246	0.0070	16	0.26	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.3285	0.0060	0.3221	0.0246	0.0070	16	0.26	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.3300	0.0000	0.3221	0.0246	0.0070	16	0.32	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.3370	0.0020	0.3221	0.0246	0.0070	16	0.61	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.3435	0.0010	0.3221	0.0246	0.0070	16	0.87	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	0.3625	0.0130	0.3221	0.0246	0.0070	16	1.64	6%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.3635	0.0110	0.3221	0.0246	0.0070	16	1.68	6%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.3113	0.0480	0.3221	0.0246	0.0070	16	-0.44	2%	1
121.02	Arginine, Post-col OPA Der (%)	0098	0.3080	0.0000				1			0
121.05	Arginine, Pre-col AQC Der (%)	2246	0.2840	0.0000	0.3090	0.0203	0.0000	4			0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.3020	0.0000	0.3090	0.0203	0.0000	4			0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.3200	0.0000	0.3090	0.0203	0.0000	4			0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.3300	0.0000	0.3090	0.0203	0.0000	4			0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.3850	0.0100	0.3090	0.0203	0.0000	4			1
121.99	Arginine, Miscellaneous (%)	0227	0.3250	0.0100				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	0.6050	0.0100	0.6567	0.0298	0.0109	17	-1.74	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	0.6150	0.0100	0.6567	0.0298	0.0109	17	-1.40	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	0.6200	0.0000	0.6567	0.0298	0.0109	17	-1.23	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	0.6290	0.0000	0.6567	0.0298	0.0109	17	-0.93	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	0.6391	0.0151	0.6567	0.0298	0.0109	17	-0.59	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	0.6515	0.0030	0.6567	0.0298	0.0109	17	-0.18	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	0.6525	0.0010	0.6567	0.0298	0.0109	17	-0.14	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	0.6575	0.0190	0.6567	0.0298	0.0109	17	0.03	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	0.6640	0.0120	0.6567	0.0298	0.0109	17	0.24	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			
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	0.6649	0.0130	0.6567	0.0298	0.0109	17	0.28	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	0.6685	0.0030	0.6567	0.0298	0.0109	17	0.40	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	0.6688	0.0204	0.6567	0.0298	0.0109	17	0.41	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	0.6740	0.0420	0.6567	0.0298	0.0109	17	0.58	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	0.6755	0.0170	0.6567	0.0298	0.0109	17	0.63	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	0.6770	0.0080	0.6567	0.0298	0.0109	17	0.68	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	0.6935	0.0010	0.6567	0.0298	0.0109	17	1.24	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	0.7150	0.0100	0.6567	0.0298	0.0109	17	1.96	4%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	0.6535	0.0010				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	0.6585	0.0050				3			0
122.05	Aspartic, Pre-col AQC Der (%)	2196	0.6820	0.0000				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	0.7100	0.0000				3			0
122.05	Aspartic, Pre-col AQC Der (%)	2188	0.7300	0.0400				3			1
122.99	Aspartic, Miscellaneous (%)	0227	0.6750	0.0100				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.0450	0.0100	0.1083	0.0276	0.0038	18	-2.29	29%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	0.0625	0.0017	0.1083	0.0276	0.0038	18	-1.66	21%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2322	0.0700	0.0000	0.1083	0.0276	0.0038	18	-1.39	18%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0619	0.0840	0.0040	0.1083	0.0276	0.0038	18	-0.88	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.0950	0.0100	0.1083	0.0276	0.0038	18	-0.48	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.1078	0.0028	0.1083	0.0276	0.0038	18	-0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.1090	0.0000	0.1083	0.0276	0.0038	18	0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0910	0.1100	0.0000	0.1083	0.0276	0.0038	18	0.06	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0878	0.1110	0.0020	0.1083	0.0276	0.0038	18	0.10	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.1115	0.0050	0.1083	0.0276	0.0038	18	0.12	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.1120	0.0020	0.1083	0.0276	0.0038	18	0.13	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.1140	0.0000	0.1083	0.0276	0.0038	18	0.21	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.1150	0.0100	0.1083	0.0276	0.0038	18	0.24	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.1235	0.0090	0.1083	0.0276	0.0038	18	0.55	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0868	0.1265	0.0010	0.1083	0.0276	0.0038	18	0.66	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.1270	0.0000	0.1083	0.0276	0.0038	18	0.68	9%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.1627	0.0114	0.1083	0.0276	0.0038	18	1.97	25%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.1670	0.0000	0.1083	0.0276	0.0038	18	2.13	27%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.1350	0.0020				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.0110	0.0000	0.0928	0.0582	0.0025	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.0950	0.0100	0.0928	0.0582	0.0025	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.1200	0.0000	0.0928	0.0582	0.0025	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.1450	0.0000	0.0928	0.0582	0.0025	4			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	1.184	0.0702	0.0928	0.0582	0.0025	4			2
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.1000	0.0000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	0.9970	0.0000	1.091	0.0546	0.0132	17	-1.73	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	1.015	0.0100	1.091	0.0546	0.0132	17	-1.40	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	1.030	0.0000	1.091	0.0546	0.0132	17	-1.12	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	1.045	0.0100	1.091	0.0546	0.0132	17	-0.85	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	1.072	0.0050	1.091	0.0546	0.0132	17	-0.36	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	1.073	0.0110	1.091	0.0546	0.0132	17	-0.35	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	1.074	0.0030	1.091	0.0546	0.0132	17	-0.33	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	1.084	0.0040	1.091	0.0546	0.0132	17	-0.13	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	1.087	0.0040	1.091	0.0546	0.0132	17	-0.08	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	1.105	0.0050	1.091	0.0546	0.0132	17	0.24	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	1.108	0.0245	1.091	0.0546	0.0132	17	0.31	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	1.112	0.0409	1.091	0.0546	0.0132	17	0.39	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	1.131	0.0014	1.091	0.0546	0.0132	17	0.72	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	1.141	0.0000	1.091	0.0546	0.0132	17	0.91	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	1.150	0.0400	1.091	0.0546	0.0132	17	1.07	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	1.158	0.0060	1.091	0.0546	0.0132	17	1.22	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	1.160	0.0600	1.091	0.0546	0.0132	17	1.26	3%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	1.088	0.0180				1			0
125.05	Glutamic, Pre-col AQC Der (%)	2246	0.9820	0.0000	1.029	0.0368	0.0025	4			0
125.05	Glutamic, Pre-col AQC Der (%)	2188	1.020	0.0000	1.029	0.0368	0.0025	4			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	1.045	0.0100	1.029	0.0368	0.0025	4			0
125.05	Glutamic, Pre-col AQC Der (%)	2196	1.068	0.0000	1.029	0.0368	0.0025	4			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	1.105	0.0300	1.029	0.0368	0.0025	4			1
125.99	Glutamic, Miscellaneous (%)	0227	1.095	0.0100				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.3350	0.0100	0.3721	0.0195	0.0090	17	-1.90	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.3465	0.0070	0.3721	0.0195	0.0090	17	-1.31	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.3500	0.0200	0.3721	0.0195	0.0090	17	-1.13	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.3540	0.0000	0.3721	0.0195	0.0090	17	-0.93	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.3550	0.0100	0.3721	0.0195	0.0090	17	-0.88	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.3627	0.0121	0.3721	0.0195	0.0090	17	-0.48	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.3738	0.0184	0.3721	0.0195	0.0090	17	0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.3765	0.0050	0.3721	0.0195	0.0090	17	0.23	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.3775	0.0090	0.3721	0.0195	0.0090	17	0.28	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.3780	0.0020	0.3721	0.0195	0.0090	17	0.30	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.3805	0.0030	0.3721	0.0195	0.0090	17	0.43	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.3810	0.0020	0.3721	0.0195	0.0090	17	0.46	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.3825	0.0030	0.3721	0.0195	0.0090	17	0.53	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.3836	0.0082	0.3721	0.0195	0.0090	17	0.59	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.3850	0.0100	0.3721	0.0195	0.0090	17	0.66	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.3950	0.0260	0.3721	0.0195	0.0090	17	1.17	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.4025	0.0070	0.3721	0.0195	0.0090	17	1.56	4%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.3835	0.0010				1			0
126.05	Glycine, Pre-col AQC Der (%)	2246	0.3150	0.0000	0.3608	0.0313	0.0000	4			0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.3700	0.0000	0.3608	0.0313	0.0000	4			0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.3720	0.0000	0.3608	0.0313	0.0000	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
126.05	Glycine, Pre-col AQC Der (%)	0407	0.3860	0.0000	0.3608	0.0313	0.0000	4			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.3600	0.0200	0.3608	0.0313	0.0000	4			1
126.99	Glycine, Miscellaneous (%)	0227	0.3800	0.0000				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.2150	0.0100	0.2552	0.0205	0.0059	17	-1.96	8%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.2250	0.0100	0.2552	0.0205	0.0059	17	-1.47	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.2338	0.0129	0.2552	0.0205	0.0059	17	-1.05	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.2400	0.0000	0.2552	0.0205	0.0059	17	-0.74	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.2478	0.0122	0.2552	0.0205	0.0059	17	-0.36	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.2505	0.0050	0.2552	0.0205	0.0059	17	-0.23	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.2513	0.0051	0.2552	0.0205	0.0059	17	-0.19	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.2520	0.0020	0.2552	0.0205	0.0059	17	-0.15	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.2565	0.0070	0.2552	0.0205	0.0059	17	0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.2570	0.0000	0.2552	0.0205	0.0059	17	0.09	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.2590	0.0040	0.2552	0.0205	0.0059	17	0.19	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.2610	0.0040	0.2552	0.0205	0.0059	17	0.29	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.2650	0.0100	0.2552	0.0205	0.0059	17	0.48	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.2660	0.0000	0.2552	0.0205	0.0059	17	0.53	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.2810	0.0000	0.2552	0.0205	0.0059	17	1.26	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.2815	0.0050	0.2552	0.0205	0.0059	17	1.29	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.3015	0.0130	0.2552	0.0205	0.0059	17	2.26	9%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.2530	0.0020				1			0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.2150	0.0000	0.2431	0.0211	0.0003	4			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.2400	0.0000	0.2431	0.0211	0.0003	4			0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.2540	0.0000	0.2431	0.0211	0.0003	4			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.2635	0.0010	0.2431	0.0211	0.0003	4			0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.2450	0.0100	0.2431	0.0211	0.0003	4			1
127.99	Histidine, Miscellaneous (%)	0227	0.2600	0.0000				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.2450	0.0100	0.3050	0.0308	0.0076	17	-1.95	10%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.2630	0.0000	0.3050	0.0308	0.0076	17	-1.37	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.2750	0.0100	0.3050	0.0308	0.0076	17	-0.98	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.2774	0.0260	0.3050	0.0308	0.0076	17	-0.90	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.2800	0.0000	0.3050	0.0308	0.0076	17	-0.81	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.2825	0.0050	0.3050	0.0308	0.0076	17	-0.73	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.3060	0.0080	0.3050	0.0308	0.0076	17	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.3130	0.0000	0.3050	0.0308	0.0076	17	0.26	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.3140	0.0040	0.3050	0.0308	0.0076	17	0.29	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.3150	0.0100	0.3050	0.0308	0.0076	17	0.32	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.3170	0.0280	0.3050	0.0308	0.0076	17	0.39	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.3170	0.0080	0.3050	0.0308	0.0076	17	0.39	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.3215	0.0030	0.3050	0.0308	0.0076	17	0.54	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.3235	0.0010	0.3050	0.0308	0.0076	17	0.60	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.3345	0.0030	0.3050	0.0308	0.0076	17	0.96	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.3358	0.0050	0.3050	0.0308	0.0076	17	1.00	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.3735	0.0086	0.3050	0.0308	0.0076	17	2.23	11%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.3080	0.0020				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.2590	0.0000	0.2995	0.0243	0.0030	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.2950	0.0100	0.2995	0.0243	0.0030	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.3100	0.0000	0.2995	0.0243	0.0030	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.3155	0.0050	0.2995	0.0243	0.0030	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.3180	0.0000	0.2995	0.0243	0.0030	5			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.3050	0.0100				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.4250	0.0100	0.4936	0.0359	0.0064	16	-1.91	7%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	0.4300	0.0000	0.4936	0.0359	0.0064	16	-1.77	6%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	0.4440	0.0100	0.4936	0.0359	0.0064	16	-1.38	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	0.4600	0.0000	0.4936	0.0359	0.0064	16	-0.93	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	0.4750	0.0100	0.4936	0.0359	0.0064	16	-0.52	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	0.4990	0.0060	0.4936	0.0359	0.0064	16	0.15	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	0.5005	0.0070	0.4936	0.0359	0.0064	16	0.19	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	0.5050	0.0240	0.4936	0.0359	0.0064	16	0.32	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	0.5065	0.0010	0.4936	0.0359	0.0064	16	0.36	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	0.5075	0.0050	0.4936	0.0359	0.0064	16	0.39	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	0.5100	0.0000	0.4936	0.0359	0.0064	16	0.46	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	0.5150	0.0040	0.4936	0.0359	0.0064	16	0.60	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	0.5150	0.0100	0.4936	0.0359	0.0064	16	0.60	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	0.5165	0.0010	0.4936	0.0359	0.0064	16	0.64	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	0.5261	0.0136	0.4936	0.0359	0.0064	16	0.90	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	0.5383	0.0013	0.4936	0.0359	0.0064	16	1.24	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	0.5116	0.0375	0.4936	0.0359	0.0064	16	0.50	2%	1
129.02	Leucine, Post-col OPA Der (%)	0098	0.5025	0.0030				1			0
129.05	Leucine, Pre-col AQC Der (%)	2196	0.4730	0.0000	0.4845	0.0090	0.0050	4			0
129.05	Leucine, Pre-col AQC Der (%)	0676	0.4850	0.0100	0.4845	0.0090	0.0050	4			0
129.05	Leucine, Pre-col AQC Der (%)	2188	0.4850	0.0100	0.4845	0.0090	0.0050	4			0
129.05	Leucine, Pre-col AQC Der (%)	0407	0.4950	0.0000	0.4845	0.0090	0.0050	4			0
129.05	Leucine, Pre-col AQC Der (%)	2246	0.4070	0.0000	0.4845	0.0090	0.0050	4			2
129.99	Leucine, Miscellaneous (%)	0227	0.4950	0.0100				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.4150	0.0100	0.4731	0.0186	0.0072	17	-3.12	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.4325	0.0270	0.4731	0.0186	0.0072	17	-2.18	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.4550	0.0100	0.4731	0.0186	0.0072	17	-0.97	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.4620	0.0000	0.4731	0.0186	0.0072	17	-0.60	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.4651	0.0103	0.4731	0.0186	0.0072	17	-0.43	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.4669	0.0230	0.4731	0.0186	0.0072	17	-0.33	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.4680	0.0060	0.4731	0.0186	0.0072	17	-0.27	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.4700	0.0000	0.4731	0.0186	0.0072	17	-0.17	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.4725	0.0013	0.4731	0.0186	0.0072	17	-0.04	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.4730	0.0020	0.4731	0.0186	0.0072	17	-0.01	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.4750	0.0100	0.4731	0.0186	0.0072	17	0.10	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.4820	0.0020	0.4731	0.0186	0.0072	17	0.48	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.4860	0.0020	0.4731	0.0186	0.0072	17	0.69	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.4875	0.0030	0.4731	0.0186	0.0072	17	0.77	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.4900	0.0020	0.4731	0.0186	0.0072	17	0.91	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.4995	0.0090	0.4731	0.0186	0.0072	17	1.42	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.5000	0.0040	0.4731	0.0186	0.0072	17	1.44	3%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.5785	0.0090				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.4400	0.0000				3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.4635	0.0010				3			0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.4680	0.0000				3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.4800	0.0200				3			1
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.0040	0.0000				3			2
130.99	L-Lysine, Miscellaneous (%)	0227	0.5600	0.0000				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.0450	0.0100	0.1338	0.0132	0.0060	18	-6.71	33%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2322	0.1080	0.0000	0.1338	0.0132	0.0060	18	-1.95	10%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.1195	0.0006	0.1338	0.0132	0.0060	18	-1.08	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.1255	0.0010	0.1338	0.0132	0.0060	18	-0.63	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.1260	0.0020	0.1338	0.0132	0.0060	18	-0.59	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.1300	0.0060	0.1338	0.0132	0.0060	18	-0.29	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.1310	0.0000	0.1338	0.0132	0.0060	18	-0.21	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.1325	0.0230	0.1338	0.0132	0.0060	18	-0.10	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.1340	0.0120	0.1338	0.0132	0.0060	18	0.01	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.1345	0.0030	0.1338	0.0132	0.0060	18	0.05	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.1350	0.0100	0.1338	0.0132	0.0060	18	0.09	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.1355	0.0017	0.1338	0.0132	0.0060	18	0.12	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.1355	0.0010	0.1338	0.0132	0.0060	18	0.13	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.1415	0.0030	0.1338	0.0132	0.0060	18	0.58	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.1450	0.0100	0.1338	0.0132	0.0060	18	0.85	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.1480	0.0020	0.1338	0.0132	0.0060	18	1.07	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.1550	0.0100	0.1338	0.0132	0.0060	18	1.60	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.1576	0.0132	0.1338	0.0132	0.0060	18	1.80	9%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.1260	0.0040				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.0280	0.0000	0.1100	0.0609	0.0000	4			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.1000	0.0000	0.1100	0.0609	0.0000	4			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.1500	0.0000	0.1100	0.0609	0.0000	4			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.1620	0.0000	0.1100	0.0609	0.0000	4			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2602	0.0131	0.1100	0.0609	0.0000	4			1
131.99	Methionine, Miscellaneous (%)	0227	0.1350	0.0100				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.2300	0.0100	0.2896	0.0377	0.0060	16	-1.58	10%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.2350	0.0000	0.2896	0.0377	0.0060	16	-1.45	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.2470	0.0020	0.2896	0.0377	0.0060	16	-1.13	7%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.2700	0.0000	0.2896	0.0377	0.0060	16	-0.52	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.2750	0.0100	0.2896	0.0377	0.0060	16	-0.39	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.2775	0.0030	0.2896	0.0377	0.0060	16	-0.32	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.2825	0.0002	0.2896	0.0377	0.0060	16	-0.19	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.2840	0.0120	0.2896	0.0377	0.0060	16	-0.15	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.2930	0.0020	0.2896	0.0377	0.0060	16	0.09	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.3005	0.0050	0.2896	0.0377	0.0060	16	0.29	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.3055	0.0070	0.2896	0.0377	0.0060	16	0.42	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.3100	0.0000	0.2896	0.0377	0.0060	16	0.54	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.3210	0.0020	0.2896	0.0377	0.0060	16	0.83	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.3255	0.0030	0.2896	0.0377	0.0060	16	0.95	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.3285	0.0076	0.2896	0.0377	0.0060	16	1.03	7%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.3494	0.0327	0.2896	0.0377	0.0060	16	1.58	10%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.2500	0.0400	0.2896	0.0377	0.0060	16	-1.05	7%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.2945	0.0030				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.2320	0.0000	0.2677	0.0248	0.0050	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.2550	0.0100	0.2677	0.0248	0.0050	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.2730	0.0000	0.2677	0.0248	0.0050	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.2835	0.0050	0.2677	0.0248	0.0050	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.2950	0.0100	0.2677	0.0248	0.0050	5			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.2900	0.0200				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.2537	0.0046	0.3483	0.0397	0.0128	16	-2.39	14%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.2890	0.0340	0.3483	0.0397	0.0128	16	-1.50	9%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.3000	0.0200	0.3483	0.0397	0.0128	16	-1.22	7%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.3120	0.0120	0.3483	0.0397	0.0128	16	-0.92	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.3249	0.0174	0.3483	0.0397	0.0128	16	-0.59	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	0.3435	0.0210	0.3483	0.0397	0.0128	16	-0.12	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.3550	0.0100	0.3483	0.0397	0.0128	16	0.17	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.3555	0.0150	0.3483	0.0397	0.0128	16	0.18	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	0.3600	0.0020	0.3483	0.0397	0.0128	16	0.29	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.3620	0.0080	0.3483	0.0397	0.0128	16	0.35	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.3650	0.0100	0.3483	0.0397	0.0128	16	0.42	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	0.3733	0.0292	0.3483	0.0397	0.0128	16	0.63	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.3795	0.0050	0.3483	0.0397	0.0128	16	0.79	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.3870	0.0000	0.3483	0.0397	0.0128	16	0.98	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.3885	0.0050	0.3483	0.0397	0.0128	16	1.01	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.3890	0.0120	0.3483	0.0397	0.0128	16	1.03	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.3800	0.1000	0.3483	0.0397	0.0128	16	0.80	5%	1
133.05	Proline, Pre-col AQC Der (%)	2246	0.3230	0.0000	0.3978	0.0799	0.0005	4			0
133.05	Proline, Pre-col AQC Der (%)	0407	0.3770	0.0020	0.3978	0.0799	0.0005	4			0
133.05	Proline, Pre-col AQC Der (%)	0676	0.3800	0.0000	0.3978	0.0799	0.0005	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
133.05	Proline, Pre-col AQC Der (%)	2196	0.5110	0.0000	0.3978	0.0799	0.0005	4			0
133.05	Proline, Pre-col AQC Der (%)	2188	0.4650	0.0300	0.3978	0.0799	0.0005	4			1
133.99	Proline, Miscellaneous (%)	0227	0.3700	0.0400				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.3700	0.0000	0.3956	0.0206	0.0058	17	-1.25	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.3745	0.0070	0.3956	0.0206	0.0058	17	-1.03	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.3750	0.0100	0.3956	0.0206	0.0058	17	-1.00	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.3800	0.0080	0.3956	0.0206	0.0058	17	-0.76	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.3810	0.0000	0.3956	0.0206	0.0058	17	-0.71	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.3865	0.0010	0.3956	0.0206	0.0058	17	-0.44	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.3870	0.0020	0.3956	0.0206	0.0058	17	-0.42	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.3870	0.0140	0.3956	0.0206	0.0058	17	-0.42	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.3940	0.0020	0.3956	0.0206	0.0058	17	-0.08	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.3950	0.0100	0.3956	0.0206	0.0058	17	-0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.3985	0.0030	0.3956	0.0206	0.0058	17	0.14	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.3990	0.0040	0.3956	0.0206	0.0058	17	0.16	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.4121	0.0118	0.3956	0.0206	0.0058	17	0.80	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.4144	0.0069	0.3956	0.0206	0.0058	17	0.91	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.4225	0.0070	0.3956	0.0206	0.0058	17	1.31	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.4243	0.0011	0.3956	0.0206	0.0058	17	1.39	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.4250	0.0100	0.3956	0.0206	0.0058	17	1.43	4%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.3575	0.0330				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.3400	0.0220	0.3818	0.0327	0.0104	5			0
134.05	Serine, Pre-col AQC Der (%)	2246	0.3590	0.0000	0.3818	0.0327	0.0104	5			0
134.05	Serine, Pre-col AQC Der (%)	2196	0.3850	0.0000	0.3818	0.0327	0.0104	5			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.4050	0.0100	0.3818	0.0327	0.0104	5			0
134.05	Serine, Pre-col AQC Der (%)	2188	0.4200	0.0200	0.3818	0.0327	0.0104	5			0
134.99	Serine, Miscellaneous (%)	0227	0.4000	0.0000				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.3490	0.0000	0.3712	0.0139	0.0056	17	-1.60	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.3550	0.0100	0.3712	0.0139	0.0056	17	-1.17	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.3550	0.0100	0.3712	0.0139	0.0056	17	-1.17	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.3600	0.0040	0.3712	0.0139	0.0056	17	-0.81	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.3610	0.0029	0.3712	0.0139	0.0056	17	-0.74	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.3650	0.0100	0.3712	0.0139	0.0056	17	-0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.3670	0.0040	0.3712	0.0139	0.0056	17	-0.31	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.3675	0.0010	0.3712	0.0139	0.0056	17	-0.27	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.3715	0.0090	0.3712	0.0139	0.0056	17	0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.3760	0.0020	0.3712	0.0139	0.0056	17	0.34	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.3802	0.0036	0.3712	0.0139	0.0056	17	0.64	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.3810	0.0020	0.3712	0.0139	0.0056	17	0.70	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.3810	0.0064	0.3712	0.0139	0.0056	17	0.70	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.3815	0.0210	0.3712	0.0139	0.0056	17	0.74	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.3830	0.0000	0.3712	0.0139	0.0056	17	0.85	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			
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.3840	0.0000	0.3712	0.0139	0.0056	17	0.92	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.3950	0.0100	0.3712	0.0139	0.0056	17	1.71	3%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.3690	0.0100				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.3005	0.0110	0.3493	0.0369	0.0062	5			0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.3310	0.0000	0.3493	0.0369	0.0062	5			0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.3550	0.0000	0.3493	0.0369	0.0062	5			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.3600	0.0200	0.3493	0.0369	0.0062	5			0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.4000	0.0000	0.3493	0.0369	0.0062	5			0
135.99	Threonine, Miscellaneous (%)	0227	0.3850	0.0100				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.0600	0.0000	0.0933	0.0194	0.0006	5			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.0945	0.0010	0.0933	0.0194	0.0006	5			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.1001	0.0022	0.0933	0.0194	0.0006	5			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.1020	0.0000	0.0933	0.0194	0.0006	5			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.1100	0.0000	0.0933	0.0194	0.0006	5			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	2322	0.0950	0.0160	0.0933	0.0194	0.0006	5			1
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.0790	0.0040				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.0920	0.0000				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.0925	0.0010				3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.0835	0.0010				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.0811	0.0015	0.0869	0.0039	0.0016	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.0880	0.0000	0.0869	0.0039	0.0016	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.0890	0.0020	0.0869	0.0039	0.0016	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.0895	0.0030	0.0869	0.0039	0.0016	4			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.1050	0.0100	0.0869	0.0039	0.0016	4			1
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.0575	0.0030				2			0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.0780	0.0000				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.1950	0.0300	0.3312	0.0365	0.0146	12	-3.73	21%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.2990	0.0000	0.3312	0.0365	0.0146	12	-0.88	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.3050	0.0100	0.3312	0.0365	0.0146	12	-0.72	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.3060	0.0120	0.3312	0.0365	0.0146	12	-0.69	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.3151	0.0326	0.3312	0.0365	0.0146	12	-0.44	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.3325	0.0050	0.3312	0.0365	0.0146	12	0.04	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.3350	0.0100	0.3312	0.0365	0.0146	12	0.10	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.3384	0.0001	0.3312	0.0365	0.0146	12	0.20	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.3480	0.0000	0.3312	0.0365	0.0146	12	0.46	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.3650	0.0060	0.3312	0.0365	0.0146	12	0.93	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.3700	0.0200	0.3312	0.0365	0.0146	12	1.06	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.3840	0.0500	0.3312	0.0365	0.0146	12	1.45	8%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.3180	0.0060				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.3600	0.0000				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.3695	0.0010				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.3900	0.0000				3			0

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137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.3650	0.0100				3			1
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.0100	0.0000				3			2
137.99	Tyrosine, Miscellaneous (%)	0227	0.3300	0.0000				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.2774	0.0260	0.4613	0.0296	0.0118	17	-6.21	20%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.4050	0.0100	0.4613	0.0296	0.0118	17	-1.90	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.4345	0.0110	0.4613	0.0296	0.0118	17	-0.90	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.4350	0.0100	0.4613	0.0296	0.0118	17	-0.89	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.4410	0.0020	0.4613	0.0296	0.0118	17	-0.68	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.4470	0.0000	0.4613	0.0296	0.0118	17	-0.48	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.4575	0.0010	0.4613	0.0296	0.0118	17	-0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.4605	0.0090	0.4613	0.0296	0.0118	17	-0.03	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.4621	0.0043	0.4613	0.0296	0.0118	17	0.03	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.4705	0.0050	0.4613	0.0296	0.0118	17	0.31	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.4745	0.0250	0.4613	0.0296	0.0118	17	0.45	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.4785	0.0350	0.4613	0.0296	0.0118	17	0.58	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.4800	0.0200	0.4613	0.0296	0.0118	17	0.63	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.4815	0.0030	0.4613	0.0296	0.0118	17	0.68	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.4895	0.0070	0.4613	0.0296	0.0118	17	0.95	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.4903	0.0117	0.4613	0.0296	0.0118	17	0.98	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.5100	0.0200	0.4613	0.0296	0.0118	17	1.65	5%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.4840	0.0000				1			0
138.05	Valine, Pre-col AQC Der (%)	2246	0.4170	0.0000	0.4566	0.0288	0.0068	5			0
138.05	Valine, Pre-col AQC Der (%)	2196	0.4360	0.0000	0.4566	0.0288	0.0068	5			0
138.05	Valine, Pre-col AQC Der (%)	0407	0.4700	0.0140	0.4566	0.0288	0.0068	5			0
138.05	Valine, Pre-col AQC Der (%)	0676	0.4750	0.0100	0.4566	0.0288	0.0068	5			0
138.05	Valine, Pre-col AQC Der (%)	2188	0.4850	0.0100	0.4566	0.0288	0.0068	5			0
138.99	Valine, Miscellaneous (%)	0227	0.4900	0.0000				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0580	0.0000				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0035	0.0010				1			0
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					0			5
160.99	Fructose, Miscellaneous (%)	0148	0.1000	0.0000				1			0
160.99	Fructose, Miscellaneous (%)	0227	< 0.15					1			5
162.99	Glucose, Miscellaneous (%)	0148	0.3800	0.0200				1			0
162.99	Glucose, Miscellaneous (%)	0227	< 0.15					1			5
162.99	Glucose, Miscellaneous (%)	0098	< 0.2					1			5
163.99	Lactose, Miscellaneous (%)	0148	< 0.028					0			5
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
163.99	Lactose, Miscellaneous (%)	0098	< 0.2					0			5
164.99	Maltose, Miscellaneous (%)	0148	< 0.021					0			5
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5
164.99	Maltose, Miscellaneous (%)	0098	< 0.2					0			5

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165.99	Sucrose, Miscellaneous (%)	0148	8.930	0.0000				3			0
165.99	Sucrose, Miscellaneous (%)	0227	9.160	0.0400				3			0
165.99	Sucrose, Miscellaneous (%)	0098	9.445	0.5300				3			0
166.99	Raffinose, Miscellaneous (%)	0227	0.3600	0.0000				1			0
167.99	Stachyose, Miscellaneous (%)	0227	< 0.05					0			5
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.2915	0.0050	0.4919	0.0090	0.0040	8	-22.31	20%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4845	0.0090	0.4919	0.0090	0.0040	8	-0.82	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.4865	0.0090	0.4919	0.0090	0.0040	8	-0.60	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4934	0.0004	0.4919	0.0090	0.0040	8	0.17	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4955	0.0030	0.4919	0.0090	0.0040	8	0.41	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.4970	0.0020	0.4919	0.0090	0.0040	8	0.57	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4980	0.0020	0.4919	0.0090	0.0040	8	0.68	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5016	0.0018	0.4919	0.0090	0.0040	8	1.08	1%	0
400.99	Water Activity, Miscellaneous (Units)	2073	0.4875	0.0010				3			0
400.99	Water Activity, Miscellaneous (Units)	0843	0.4935	0.0010				3			0
400.99	Water Activity, Miscellaneous (Units)	2033	0.5030	0.0140				3			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0171	0.1790	0.0520				2			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0045	0.1900	0.0060				2			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0407	0.9175	0.1610				1			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0682	< 10					1			5
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0186	0.1605	0.0030				3			0
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0910	0.1850	0.0100				3			0
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	2053	0.2300	0.0200				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0553	0.1725	0.0050				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0227	0.2120	0.0100				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	2012	0.2875	0.0270				3			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0347	0.0046				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.0590	0.0080				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.1917	0.0187				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	0.2250	0.0000				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.2305	0.0010				3			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.1850	0.0100				3			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.2055	0.0090				3			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	2053	0.2650	0.0700				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.2010	0.0140				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	2012	0.2025	0.0010				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.2080	0.0080				3			0
520.41	Chromium, ICP, Dry ash (ppm)	0171	15.85	0.7000				2			0
520.41	Chromium, ICP, Dry ash (ppm)	0407	18.05	1.023				2			0
520.42	Chromium, ICP, Open vessel (ppm)	0693	26.43	1.540				1			0
520.43	Chromium, ICP, Microwave (ppm)	0407	28.72	0.7720				3			0
520.43	Chromium, ICP, Microwave (ppm)	0510	30.65	0.3800				3			0

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520.43	Chromium, ICP, Microwave (ppm)	0682	30.77	0.0000				3		0	
520.43	Chromium, ICP, Microwave (ppm)	0968	10.24	0.4120				3		2	
520.52	Chromium, ICP-MS, Open vessel (ppm)	0186	6.305	0.0700				1		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0164	25.90	0.8000				3		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	27.00	0.2000				3		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0015	30.07	1.540				3		0	
526.41	Lead, ICP, Dry ash (ppm)	0407	0.3627	0.0128				2		0	
526.41	Lead, ICP, Dry ash (ppm)	0171	11.23	0.1500				2		0	
526.43	Lead, ICP, Microwave (ppm)	0968	0.3260	0.0180				2		0	
526.43	Lead, ICP, Microwave (ppm)	0407	0.5175	0.0871				2		0	
526.43	Lead, ICP, Microwave (ppm)	0682	< 3					2		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	0.3450	0.0100				2		0	
526.52	Lead, ICP-MS, Open vessel (ppm)	2053	0.4300	0.1000				2		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.3740	0.0040				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.3805	0.0230				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	2012	0.4015	0.0210				3		0	
529.99	Mercury, Miscellaneous (ppb)	0227	0.0285	0.0010				2		0	
529.99	Mercury, Miscellaneous (ppb)	2012	24.65	0.2130				2		0	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					2		5	
539.41	Nickel, ICP, Dry ash (ppm)	0407	9.348	0.0556				2		0	
539.41	Nickel, ICP, Dry ash (ppm)	0171	11.10	0.2000				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	10.83	0.1231				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	13.85	0.0000				2		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	3.175	0.1100				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	11.30	0.4000				2		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0015	12.51	2.150				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.0025	0.0010				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					1		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0050	0.0000				1		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.2660	0.0140				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.3255	0.0250				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0025	0.0010				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0095	0.0010				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.0050	0.0000				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.0830	0.0020				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.1080	0.0140				2		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	0.4420	0.0000				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	0.4790	0.0020				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	0.4820	0.0120				3		0	

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728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0226	0.0530	0.0000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0164	0.0620	0.0000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0676	0.0630	0.0020				3		0	
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w)	0226	0.0035	0.0010				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w)	0164	< 0.02					1		5	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (%) (w/w)	0226	0.0040	0.0000				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (%) (w/w)	0164	< 0.02					1		5	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%)	0676	0.0070	0.0000				1		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0676	0.0000	0.0000				0		4	
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w)	0226	0.0085	0.0010				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w)	0164	< 0.02					1		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (%) (w/w)	0226	< 0.005					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:1)	0226	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:1)	0676	0.0000	0.0000				0		4	
748.99	Lignoceric Acid (24:0), Miscellaneous (%) (w/w)	0226	0.0155	0.0010				1		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0676	0.0000	0.0000				0		4	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%) (w/w)	0226	< 0.005					0		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0676	0.0600	0.0000				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0164	0.0780	0.0100				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0164	0.4965	0.0010				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0676	0.5050	0.0100				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (%) (w/w)	0164	0.4030	0.0380				1		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (%) (w	0164	0.1500	0.0140				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (%) (w/v	0164	0.5810	0.0140				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (%) (w/w)	0164	1.211	0.0730				1		0	
772.99	Total Fatty Acids, Miscellaneous (%) (w/w)	0226	0.8950	0.0200				2		0	
772.99	Total Fatty Acids, Miscellaneous (%) (w/w)	0164	1.154	0.0640				2		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.