

**Animal Feed Scheme**

**Llama Feed**

**Test Material Code # 201931**

**Method Proficiency Testing Report**

# Labs Reporting: 184

# Methods Reported 379

Issue Date : 12/31/2019

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	6.150	0.1000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.560	0.0400	7.740	0.1737	0.1240	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.650	0.3200	7.740	0.1737	0.1240	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.790	0.1000	7.740	0.1737	0.1240	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.958	0.0360	7.740	0.1737	0.1240	4			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0017	6.050	0.1000	7.740	0.1737	0.1240	4			2
001.03	Loss on Drying, Low temp. methods (%)	2062	7.771	0.0853	7.923	0.2197	0.0311	5			0
001.03	Loss on Drying, Low temp. methods (%)	0868	7.780	0.0200	7.923	0.2197	0.0311	5			0
001.03	Loss on Drying, Low temp. methods (%)	0878	7.875	0.0100	7.923	0.2197	0.0311	5			0
001.03	Loss on Drying, Low temp. methods (%)	0619	7.885	0.0300	7.923	0.2197	0.0311	5			0
001.03	Loss on Drying, Low temp. methods (%)	0893	8.305	0.0100	7.923	0.2197	0.0311	5			0
001.03	Loss on Drying, Low temp. methods (%)	0843	8.200	0.3400	7.923	0.2197	0.0311	5			1
001.05	Loss on Drying, LECO (%)	0644	7.560	0.1000				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	7.385	0.1900	7.826	0.2507	0.0756	47	-1.76	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	7.390	0.0400	7.826	0.2507	0.0756	47	-1.74	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	7.400	0.0000	7.826	0.2507	0.0756	47	-1.70	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.425	0.0100	7.826	0.2507	0.0756	47	-1.60	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	7.470	0.1400	7.826	0.2507	0.0756	47	-1.42	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.495	0.0900	7.826	0.2507	0.0756	47	-1.32	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	7.540	0.0200	7.826	0.2507	0.0756	47	-1.14	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.635	0.3500	7.826	0.2507	0.0756	47	-0.76	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.660	0.0600	7.826	0.2507	0.0756	47	-0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	7.662	0.0050	7.826	0.2507	0.0756	47	-0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	7.680	0.1600	7.826	0.2507	0.0756	47	-0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.680	0.0200	7.826	0.2507	0.0756	47	-0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.680	0.0400	7.826	0.2507	0.0756	47	-0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	7.700	0.2000	7.826	0.2507	0.0756	47	-0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	7.700	0.0000	7.826	0.2507	0.0756	47	-0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	7.715	0.0300	7.826	0.2507	0.0756	47	-0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	7.715	0.0300	7.826	0.2507	0.0756	47	-0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	7.725	0.0500	7.826	0.2507	0.0756	47	-0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.730	0.0600	7.826	0.2507	0.0756	47	-0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	7.730	0.1200	7.826	0.2507	0.0756	47	-0.38	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	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	7.746	0.3210	7.826	0.2507	0.0756	47	-0.32	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	7.780	0.0200	7.826	0.2507	0.0756	47	-0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	7.840	0.0000	7.826	0.2507	0.0756	47	0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	7.854	0.0907	7.826	0.2507	0.0756	47	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.870	0.0400	7.826	0.2507	0.0756	47	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.875	0.0500	7.826	0.2507	0.0756	47	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	7.875	0.0100	7.826	0.2507	0.0756	47	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	7.888	0.0450	7.826	0.2507	0.0756	47	0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	7.895	0.0700	7.826	0.2507	0.0756	47	0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.900	0.0000	7.826	0.2507	0.0756	47	0.30	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.915	0.0082	7.826	0.2507	0.0756	47	0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	7.930	0.0400	7.826	0.2507	0.0756	47	0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	7.945	0.1900	7.826	0.2507	0.0756	47	0.48	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	7.950	0.0600	7.826	0.2507	0.0756	47	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	7.975	0.0300	7.826	0.2507	0.0756	47	0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	7.985	0.0500	7.826	0.2507	0.0756	47	0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.000	0.0200	7.826	0.2507	0.0756	47	0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	8.025	0.1300	7.826	0.2507	0.0756	47	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.040	0.0600	7.826	0.2507	0.0756	47	0.85	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	8.045	0.0100	7.826	0.2507	0.0756	47	0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.060	0.0400	7.826	0.2507	0.0756	47	0.93	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	8.100	0.0400	7.826	0.2507	0.0756	47	1.09	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.200	0.3400	7.826	0.2507	0.0756	47	1.49	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	8.247	0.2110	7.826	0.2507	0.0756	47	1.68	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.300	0.0000	7.826	0.2507	0.0756	47	1.89	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.305	0.0300	7.826	0.2507	0.0756	47	1.91	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	9.125	0.0300	7.826	0.2507	0.0756	47	5.18	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	5.200	1.000	7.826	0.2507	0.0756	47	-10.47	17%	2
001.99	Loss on Drying, Miscellaneous (%)	0618	6.475	0.0700	7.685	0.4440	0.0986	19	-2.72	8%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	6.945	0.2500	7.685	0.4440	0.0986	19	-1.67	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.075	0.0300	7.685	0.4440	0.0986	19	-1.37	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	7.170	0.0800	7.685	0.4440	0.0986	19	-1.16	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.400	0.0000	7.685	0.4440	0.0986	19	-0.64	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2242	7.645	0.3900	7.685	0.4440	0.0986	19	-0.09	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	7.650	0.1000	7.685	0.4440	0.0986	19	-0.08	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.670	0.0200	7.685	0.4440	0.0986	19	-0.03	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	7.720	0.1200	7.685	0.4440	0.0986	19	0.08	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	7.749	0.0675	7.685	0.4440	0.0986	19	0.14	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	7.800	0.2000	7.685	0.4440	0.0986	19	0.26	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	7.815	0.1500	7.685	0.4440	0.0986	19	0.29	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	7.830	0.0200	7.685	0.4440	0.0986	19	0.33	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	7.880	0.0800	7.685	0.4440	0.0986	19	0.44	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.99	Loss on Drying, Miscellaneous (%)	2246	7.895	0.0100	7.685	0.4440	0.0986	19	0.47	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2253	7.965	0.0700	7.685	0.4440	0.0986	19	0.63	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	8.165	0.0700	7.685	0.4440	0.0986	19	1.08	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.194	0.0668	7.685	0.4440	0.0986	19	1.15	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	8.640	0.0800	7.685	0.4440	0.0986	19	2.15	6%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	8.025	1.010	7.685	0.4440	0.0986	19	0.77	2%	1
001.99	Loss on Drying, Miscellaneous (%)	0889	74.41	0.2100	7.685	0.4440	0.0986	19	150.27	434%	2
002.00	Protein, Crude, Crude (%)	0169	23.28	0.0100				1			0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0164	23.07	0.2500	23.61	0.3527	0.0849	13	-1.55	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0910	23.30	0.2000	23.61	0.3527	0.0849	13	-0.89	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	23.34	0.0500	23.61	0.3527	0.0849	13	-0.79	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0653	23.41	0.0100	23.61	0.3527	0.0849	13	-0.59	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	23.46	0.0470	23.61	0.3527	0.0849	13	-0.44	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2198	23.50	0.0200	23.61	0.3527	0.0849	13	-0.32	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	23.60	0.1860	23.61	0.3527	0.0849	13	-0.04	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0662	23.66	0.0632	23.61	0.3527	0.0849	13	0.14	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	23.70	0.0000	23.61	0.3527	0.0849	13	0.25	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	23.85	0.1000	23.61	0.3527	0.0849	13	0.67	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	23.85	0.0800	23.61	0.3527	0.0849	13	0.67	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	24.09	0.0300	23.61	0.3527	0.0849	13	1.34	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	24.19	0.0670	23.61	0.3527	0.0849	13	1.63	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	0.1300	0.0000	23.61	0.3527	0.0849	13	-66.58	50%	2
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	23.55	0.1300				2			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	23.96	0.0699				2			0
002.03	Protein, Crude, Hach Method (%)	2128	24.07	0.6700				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0874	23.01	0.7400				3			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	23.77	0.0600				3			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	23.99	0.1300				3			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2248	22.78	0.0000	23.55	0.3270	0.1405	32	-2.37	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	22.98	0.0000	23.55	0.3270	0.1405	32	-1.76	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	23.05	0.3000	23.55	0.3270	0.1405	32	-1.54	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0955	23.10	0.2000	23.55	0.3270	0.1405	32	-1.39	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	23.23	0.3000	23.55	0.3270	0.1405	32	-0.99	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	23.25	0.0700	23.55	0.3270	0.1405	32	-0.95	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2062	23.34	0.0244	23.55	0.3270	0.1405	32	-0.67	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	23.39	0.2900	23.55	0.3270	0.1405	32	-0.52	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	23.40	0.2000	23.55	0.3270	0.1405	32	-0.47	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0893	23.44	0.0100	23.55	0.3270	0.1405	32	-0.37	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	23.44	0.1400	23.55	0.3270	0.1405	32	-0.35	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0849	23.45	0.0440	23.55	0.3270	0.1405	32	-0.31	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	23.46	0.0100	23.55	0.3270	0.1405	32	-0.30	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	23.46	0.1100	23.55	0.3270	0.1405	32	-0.30	0%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	2192	23.51	0.1700	23.55	0.3270	0.1405	32	-0.15	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	23.51	0.0043	23.55	0.3270	0.1405	32	-0.14	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	23.52	0.0200	23.55	0.3270	0.1405	32	-0.11	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	23.58	0.2600	23.55	0.3270	0.1405	32	0.08	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2012	23.61	0.0100	23.55	0.3270	0.1405	32	0.15	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	23.62	0.0700	23.55	0.3270	0.1405	32	0.18	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	23.64	0.0340	23.55	0.3270	0.1405	32	0.26	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	23.71	0.0300	23.55	0.3270	0.1405	32	0.46	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	23.78	0.0200	23.55	0.3270	0.1405	32	0.69	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	23.80	0.0100	23.55	0.3270	0.1405	32	0.74	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	23.80	0.0400	23.55	0.3270	0.1405	32	0.75	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	23.83	0.2300	23.55	0.3270	0.1405	32	0.83	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0674	23.85	0.0000	23.55	0.3270	0.1405	32	0.90	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	23.90	0.2000	23.55	0.3270	0.1405	32	1.06	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	23.94	0.1700	23.55	0.3270	0.1405	32	1.16	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	23.97	0.3600	23.55	0.3270	0.1405	32	1.27	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2097	24.28	0.7306	23.55	0.3270	0.1405	32	2.21	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	24.51	0.4400	23.55	0.3270	0.1405	32	2.92	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0194	18.07	10.98	23.55	0.3270	0.1405	32	-16.77	12%	2
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	22.09	0.8560	24.01	0.3087	0.1805	123	-6.21	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0062	22.66	0.9010	24.01	0.3087	0.1805	123	-4.37	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0720	22.72	0.0000	24.01	0.3087	0.1805	123	-4.16	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	23.08	0.7200	24.01	0.3087	0.1805	123	-3.00	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0581	23.19	0.0800	24.01	0.3087	0.1805	123	-2.64	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	23.20	0.2500	24.01	0.3087	0.1805	123	-2.63	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0921	23.30	0.0000	24.01	0.3087	0.1805	123	-2.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	23.42	0.0500	24.01	0.3087	0.1805	123	-1.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	23.50	0.0000	24.01	0.3087	0.1805	123	-1.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	23.55	0.0300	24.01	0.3087	0.1805	123	-1.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0006	23.57	0.1500	24.01	0.3087	0.1805	123	-1.43	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0955	23.60	0.2000	24.01	0.3087	0.1805	123	-1.31	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	23.62	0.1480	24.01	0.3087	0.1805	123	-1.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	23.62	0.3800	24.01	0.3087	0.1805	123	-1.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	23.65	0.4300	24.01	0.3087	0.1805	123	-1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	23.70	0.4100	24.01	0.3087	0.1805	123	-1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	23.71	0.3000	24.01	0.3087	0.1805	123	-0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0592	23.71	0.1615	24.01	0.3087	0.1805	123	-0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	23.72	0.0700	24.01	0.3087	0.1805	123	-0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	23.74	0.0000	24.01	0.3087	0.1805	123	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	23.74	0.3800	24.01	0.3087	0.1805	123	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	23.75	0.6100	24.01	0.3087	0.1805	123	-0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	23.75	0.0200	24.01	0.3087	0.1805	123	-0.83	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			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	23.77	0.0900	24.01	0.3087	0.1805	123	-0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0139	23.77	0.2400	24.01	0.3087	0.1805	123	-0.76	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	23.78	0.3500	24.01	0.3087	0.1805	123	-0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	23.79	0.0400	24.01	0.3087	0.1805	123	-0.70	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	23.80	0.0000	24.01	0.3087	0.1805	123	-0.67	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	23.81	0.0500	24.01	0.3087	0.1805	123	-0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2144	23.82	0.2400	24.01	0.3087	0.1805	123	-0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	23.83	0.0500	24.01	0.3087	0.1805	123	-0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2022	23.84	0.0000	24.01	0.3087	0.1805	123	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	23.84	0.1875	24.01	0.3087	0.1805	123	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	23.85	0.3000	24.01	0.3087	0.1805	123	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	23.85	0.1000	24.01	0.3087	0.1805	123	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	23.86	0.1200	24.01	0.3087	0.1805	123	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	23.86	0.0000	24.01	0.3087	0.1805	123	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	23.86	0.0200	24.01	0.3087	0.1805	123	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	23.86	0.0400	24.01	0.3087	0.1805	123	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	23.87	0.1900	24.01	0.3087	0.1805	123	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	23.87	0.2700	24.01	0.3087	0.1805	123	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	23.87	0.1250	24.01	0.3087	0.1805	123	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	23.88	0.0600	24.01	0.3087	0.1805	123	-0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	23.89	0.1200	24.01	0.3087	0.1805	123	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	23.89	0.3600	24.01	0.3087	0.1805	123	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	23.89	0.0800	24.01	0.3087	0.1805	123	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	23.90	0.2000	24.01	0.3087	0.1805	123	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	23.90	0.0310	24.01	0.3087	0.1805	123	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	23.91	0.1000	24.01	0.3087	0.1805	123	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	23.92	0.1300	24.01	0.3087	0.1805	123	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	23.92	0.2100	24.01	0.3087	0.1805	123	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	23.92	0.3100	24.01	0.3087	0.1805	123	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	23.92	0.2969	24.01	0.3087	0.1805	123	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	23.93	0.1100	24.01	0.3087	0.1805	123	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	23.93	0.5200	24.01	0.3087	0.1805	123	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0563	23.93	0.0170	24.01	0.3087	0.1805	123	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	23.94	0.2500	24.01	0.3087	0.1805	123	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	23.95	0.0800	24.01	0.3087	0.1805	123	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	23.95	0.1000	24.01	0.3087	0.1805	123	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	23.95	0.5000	24.01	0.3087	0.1805	123	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	23.95	0.3000	24.01	0.3087	0.1805	123	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	23.96	0.1100	24.01	0.3087	0.1805	123	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	23.97	0.1800	24.01	0.3087	0.1805	123	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	23.98	0.0200	24.01	0.3087	0.1805	123	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	24.00	0.2500	24.01	0.3087	0.1805	123	-0.04	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	24.00	0.2000	24.01	0.3087	0.1805	123	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	24.00	0.3200	24.01	0.3087	0.1805	123	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	24.02	0.0300	24.01	0.3087	0.1805	123	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	24.02	0.0000	24.01	0.3087	0.1805	123	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	24.03	0.2300	24.01	0.3087	0.1805	123	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	24.05	0.1000	24.01	0.3087	0.1805	123	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	24.05	0.1000	24.01	0.3087	0.1805	123	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	24.05	0.1000	24.01	0.3087	0.1805	123	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	24.09	0.5110	24.01	0.3087	0.1805	123	0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	24.10	0.0000	24.01	0.3087	0.1805	123	0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	24.10	0.3000	24.01	0.3087	0.1805	123	0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	24.11	0.3500	24.01	0.3087	0.1805	123	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0546	24.11	0.1200	24.01	0.3087	0.1805	123	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2242	24.12	0.0900	24.01	0.3087	0.1805	123	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	24.12	0.2600	24.01	0.3087	0.1805	123	0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	24.14	0.0856	24.01	0.3087	0.1805	123	0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0941	24.15	0.1900	24.01	0.3087	0.1805	123	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	24.15	0.1000	24.01	0.3087	0.1805	123	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0208	24.15	0.3000	24.01	0.3087	0.1805	123	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	24.15	0.1000	24.01	0.3087	0.1805	123	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	24.15	0.0800	24.01	0.3087	0.1805	123	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	24.15	0.3000	24.01	0.3087	0.1805	123	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	24.15	0.2969	24.01	0.3087	0.1805	123	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	24.17	0.1200	24.01	0.3087	0.1805	123	0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	24.18	0.6075	24.01	0.3087	0.1805	123	0.56	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	24.19	0.1400	24.01	0.3087	0.1805	123	0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	24.20	0.1470	24.01	0.3087	0.1805	123	0.62	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0160	24.20	0.2000	24.01	0.3087	0.1805	123	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	24.23	0.1900	24.01	0.3087	0.1805	123	0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	24.23	0.1700	24.01	0.3087	0.1805	123	0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	24.24	0.0300	24.01	0.3087	0.1805	123	0.74	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	24.24	0.0920	24.01	0.3087	0.1805	123	0.76	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	24.27	0.0700	24.01	0.3087	0.1805	123	0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	24.28	0.0120	24.01	0.3087	0.1805	123	0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	24.29	0.1200	24.01	0.3087	0.1805	123	0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	24.31	0.0200	24.01	0.3087	0.1805	123	0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0026	24.31	0.2100	24.01	0.3087	0.1805	123	0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	24.32	0.0900	24.01	0.3087	0.1805	123	1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	24.33	0.0520	24.01	0.3087	0.1805	123	1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	24.33	0.0800	24.01	0.3087	0.1805	123	1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	24.35	0.0500	24.01	0.3087	0.1805	123	1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	24.36	0.0000	24.01	0.3087	0.1805	123	1.15	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0512	24.37	0.0800	24.01	0.3087	0.1805	123	1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	24.38	0.5000	24.01	0.3087	0.1805	123	1.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	24.40	0.2000	24.01	0.3087	0.1805	123	1.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	24.44	0.1700	24.01	0.3087	0.1805	123	1.39	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	24.45	0.1000	24.01	0.3087	0.1805	123	1.44	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	24.45	0.1000	24.01	0.3087	0.1805	123	1.44	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	24.51	0.0500	24.01	0.3087	0.1805	123	1.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	24.57	0.0400	24.01	0.3087	0.1805	123	1.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	24.60	0.2000	24.01	0.3087	0.1805	123	1.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0015	24.65	0.4300	24.01	0.3087	0.1805	123	2.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	24.69	0.2410	24.01	0.3087	0.1805	123	2.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2033	24.73	0.1300	24.01	0.3087	0.1805	123	2.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	24.85	0.0100	24.01	0.3087	0.1805	123	2.72	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	24.86	0.1900	24.01	0.3087	0.1805	123	2.75	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	25.34	0.2500	24.01	0.3087	0.1805	123	4.30	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2012	25.48	0.0500	24.01	0.3087	0.1805	123	4.76	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0016	23.55	1.300	24.01	0.3087	0.1805	123	-1.48	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	24.20	1.200	24.01	0.3087	0.1805	123	0.63	0%	1
002.08	Protein, Crude, Cu/Ti (%)	0563	23.74	0.0094				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	23.84	0.6800				2			0
002.11	Protein, Crude, NIR (%)	0889	25.60	0.0750	27.72	1.513	0.0313	4			0
002.11	Protein, Crude, NIR (%)	2128	27.98	0.0000	27.72	1.513	0.0313	4			0
002.11	Protein, Crude, NIR (%)	0011	28.10	0.0000	27.72	1.513	0.0313	4			0
002.11	Protein, Crude, NIR (%)	0405	29.19	0.0500	27.72	1.513	0.0313	4			0
002.11	Protein, Crude, NIR (%)	0720	29.44	0.4000	27.72	1.513	0.0313	4			1
002.99	Protein, Crude, Miscellaneous (%)	2253	22.97	0.0100				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	2.185	0.2700	2.436	0.2601	0.1567	9	-0.96	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0026	2.185	0.1100	2.436	0.2601	0.1567	9	-0.96	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2198	2.290	0.0200	2.436	0.2601	0.1567	9	-0.56	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	2.300	0.4000	2.436	0.2601	0.1567	9	-0.52	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	2.325	0.1500	2.436	0.2601	0.1567	9	-0.43	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0194	2.565	0.0300	2.436	0.2601	0.1567	9	0.50	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	2.575	0.0500	2.436	0.2601	0.1567	9	0.54	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	2.670	0.3600	2.436	0.2601	0.1567	9	0.90	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0653	8.810	0.0200	2.436	0.2601	0.1567	9	24.51	131%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	2.415	0.0700				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	2.495	0.0100				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	2248	3.480	0.0000				3			0
003.06	Fat, Crude, Pet Ether (%)	0425	2.270	0.0000	2.506	0.1329	0.0695	14	-1.77	5%	0
003.06	Fat, Crude, Pet Ether (%)	0939	2.330	0.0200	2.506	0.1329	0.0695	14	-1.32	4%	0
003.06	Fat, Crude, Pet Ether (%)	0689	2.400	0.0000	2.506	0.1329	0.0695	14	-0.79	2%	0
003.06	Fat, Crude, Pet Ether (%)	0169	2.450	0.0600	2.506	0.1329	0.0695	14	-0.42	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.06	Fat, Crude, Pet Ether (%)	0884	2.450	0.1000	2.506	0.1329	0.0695	14	-0.42	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	2.473	0.1080	2.506	0.1329	0.0695	14	-0.24	1%	0
003.06	Fat, Crude, Pet Ether (%)	2181	2.490	0.0200	2.506	0.1329	0.0695	14	-0.12	0%	0
003.06	Fat, Crude, Pet Ether (%)	2097	2.521	0.0116	2.506	0.1329	0.0695	14	0.11	0%	0
003.06	Fat, Crude, Pet Ether (%)	0229	2.531	0.0100	2.506	0.1329	0.0695	14	0.19	1%	0
003.06	Fat, Crude, Pet Ether (%)	2268	2.550	0.2200	2.506	0.1329	0.0695	14	0.33	1%	0
003.06	Fat, Crude, Pet Ether (%)	0910	2.590	0.2000	2.506	0.1329	0.0695	14	0.64	2%	0
003.06	Fat, Crude, Pet Ether (%)	0687	2.600	0.2000	2.506	0.1329	0.0695	14	0.71	2%	0
003.06	Fat, Crude, Pet Ether (%)	0849	2.682	0.0230	2.506	0.1329	0.0695	14	1.32	4%	0
003.06	Fat, Crude, Pet Ether (%)	0682	2.840	0.0000	2.506	0.1329	0.0695	14	2.52	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	2.015	0.0300	2.521	0.2272	0.0755	14	-2.23	10%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	2.285	0.0500	2.521	0.2272	0.0755	14	-1.04	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0512	2.299	0.2510	2.521	0.2272	0.0755	14	-0.98	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	2.398	0.1661	2.521	0.2272	0.0755	14	-0.54	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	2.400	0.0600	2.521	0.2272	0.0755	14	-0.53	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	2.480	0.1200	2.521	0.2272	0.0755	14	-0.18	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2012	2.510	0.0200	2.521	0.2272	0.0755	14	-0.05	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	2.525	0.1500	2.521	0.2272	0.0755	14	0.02	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	2.590	0.0200	2.521	0.2272	0.0755	14	0.30	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	2.620	0.0200	2.521	0.2272	0.0755	14	0.44	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0674	2.650	0.0000	2.521	0.2272	0.0755	14	0.57	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	2.650	0.1000	2.521	0.2272	0.0755	14	0.57	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	2.845	0.0300	2.521	0.2272	0.0755	14	1.43	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	2.940	0.0400	2.521	0.2272	0.0755	14	1.84	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	2.050	0.3000	2.281	0.1644	0.0814	26	-1.40	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	2.060	0.0200	2.281	0.1644	0.0814	26	-1.34	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	2.103	0.0477	2.281	0.1644	0.0814	26	-1.08	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	2.105	0.0100	2.281	0.1644	0.0814	26	-1.07	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	2.109	0.0039	2.281	0.1644	0.0814	26	-1.04	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	2.155	0.0500	2.281	0.1644	0.0814	26	-0.76	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	2.158	0.2060	2.281	0.1644	0.0814	26	-0.75	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	2.165	0.0700	2.281	0.1644	0.0814	26	-0.70	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	2.174	0.0095	2.281	0.1644	0.0814	26	-0.65	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	2.200	0.1200	2.281	0.1644	0.0814	26	-0.49	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	2.245	0.0300	2.281	0.1644	0.0814	26	-0.22	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	2.270	0.0000	2.281	0.1644	0.0814	26	-0.06	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	2.285	0.0500	2.281	0.1644	0.0814	26	0.03	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	2.300	0.0000	2.281	0.1644	0.0814	26	0.12	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	2.320	0.1000	2.281	0.1644	0.0814	26	0.24	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	2.325	0.1700	2.281	0.1644	0.0814	26	0.27	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	2.327	0.0064	2.281	0.1644	0.0814	26	0.28	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	2.368	0.0572	2.281	0.1644	0.0814	26	0.53	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	2.370	0.0200	2.281	0.1644	0.0814	26	0.54	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	2.385	0.0300	2.281	0.1644	0.0814	26	0.64	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	2.390	0.1800	2.281	0.1644	0.0814	26	0.67	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	2.414	0.1230	2.281	0.1644	0.0814	26	0.81	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	2.435	0.2100	2.281	0.1644	0.0814	26	0.94	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	2.600	0.0600	2.281	0.1644	0.0814	26	1.94	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0720	3.205	0.0100	2.281	0.1644	0.0814	26	5.62	20%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	3.403	0.2320	2.281	0.1644	0.0814	26	6.83	25%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	4.048	0.7790	2.281	0.1644	0.0814	26	10.75	39%	1
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	9.060	0.0000	2.281	0.1644	0.0814	26	41.24	149%	2
003.11	Fat, Crude, NIR (%)	2128	1.345	0.0000	2.148	0.8141	0.0240	5			0
003.11	Fat, Crude, NIR (%)	0889	1.470	0.0100	2.148	0.8141	0.0240	5			0
003.11	Fat, Crude, NIR (%)	0011	1.960	0.0000	2.148	0.8141	0.0240	5			0
003.11	Fat, Crude, NIR (%)	0720	2.740	0.0400	2.148	0.8141	0.0240	5			0
003.11	Fat, Crude, NIR (%)	0405	3.225	0.0700	2.148	0.8141	0.0240	5			0
003.12	Fat, Crude, Hexane Ext (%)	0893	1.975	0.0500	2.259	0.2344	0.0277	4			0
003.12	Fat, Crude, Hexane Ext (%)	2062	2.167	0.0306	2.259	0.2344	0.0277	4			0
003.12	Fat, Crude, Hexane Ext (%)	2199	2.400	0.0000	2.259	0.2344	0.0277	4			0
003.12	Fat, Crude, Hexane Ext (%)	0171	2.495	0.0300	2.259	0.2344	0.0277	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0208	2.240	0.2800	2.396	0.1655	0.1173	8	-0.94	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	2.240	0.1200	2.396	0.1655	0.1173	8	-0.94	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0033	2.285	0.0300	2.396	0.1655	0.1173	8	-0.67	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	2.350	0.0000	2.396	0.1655	0.1173	8	-0.28	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	2.400	0.4200	2.396	0.1655	0.1173	8	0.02	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	2.490	0.0600	2.396	0.1655	0.1173	8	0.57	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	2.520	0.0200	2.396	0.1655	0.1173	8	0.75	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	2.709	0.0087	2.396	0.1655	0.1173	8	1.89	7%	0
003.14	Fat, Crude, Ankom (%)	0843	1.630	0.4000	2.376	0.2149	0.1115	50	-3.47	16%	0
003.14	Fat, Crude, Ankom (%)	0108	1.865	0.1300	2.376	0.2149	0.1115	50	-2.38	11%	0
003.14	Fat, Crude, Ankom (%)	2129	1.925	0.1100	2.376	0.2149	0.1115	50	-2.10	9%	0
003.14	Fat, Crude, Ankom (%)	0175	2.045	0.0100	2.376	0.2149	0.1115	50	-1.54	7%	0
003.14	Fat, Crude, Ankom (%)	0853	2.050	0.1000	2.376	0.2149	0.1115	50	-1.52	7%	0
003.14	Fat, Crude, Ankom (%)	0574	2.055	0.0300	2.376	0.2149	0.1115	50	-1.49	7%	0
003.14	Fat, Crude, Ankom (%)	0049	2.065	0.0900	2.376	0.2149	0.1115	50	-1.45	7%	0
003.14	Fat, Crude, Ankom (%)	0144	2.120	0.1000	2.376	0.2149	0.1115	50	-1.19	5%	0
003.14	Fat, Crude, Ankom (%)	0034	2.180	0.0200	2.376	0.2149	0.1115	50	-0.91	4%	0
003.14	Fat, Crude, Ankom (%)	0358	2.195	0.0100	2.376	0.2149	0.1115	50	-0.84	4%	0
003.14	Fat, Crude, Ankom (%)	0505	2.195	0.0100	2.376	0.2149	0.1115	50	-0.84	4%	0
003.14	Fat, Crude, Ankom (%)	0298	2.200	0.0200	2.376	0.2149	0.1115	50	-0.82	4%	0
003.14	Fat, Crude, Ankom (%)	0876	2.200	0.0000	2.376	0.2149	0.1115	50	-0.82	4%	0
003.14	Fat, Crude, Ankom (%)	0089	2.240	0.0200	2.376	0.2149	0.1115	50	-0.63	3%	0
003.14	Fat, Crude, Ankom (%)	0019	2.310	0.1400	2.376	0.2149	0.1115	50	-0.31	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			
003.14	Fat, Crude, Ankom (%)	0202	2.320	0.0600	2.376	0.2149	0.1115	50	-0.26	1%	0
003.14	Fat, Crude, Ankom (%)	0598	2.325	0.0500	2.376	0.2149	0.1115	50	-0.24	1%	0
003.14	Fat, Crude, Ankom (%)	0511	2.340	0.4000	2.376	0.2149	0.1115	50	-0.17	1%	0
003.14	Fat, Crude, Ankom (%)	0357	2.350	0.1000	2.376	0.2149	0.1115	50	-0.12	1%	0
003.14	Fat, Crude, Ankom (%)	0956	2.350	0.1000	2.376	0.2149	0.1115	50	-0.12	1%	0
003.14	Fat, Crude, Ankom (%)	0186	2.360	0.0200	2.376	0.2149	0.1115	50	-0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0083	2.380	0.1600	2.376	0.2149	0.1115	50	0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0878	2.395	0.0100	2.376	0.2149	0.1115	50	0.09	0%	0
003.14	Fat, Crude, Ankom (%)	0868	2.400	0.0400	2.376	0.2149	0.1115	50	0.11	1%	0
003.14	Fat, Crude, Ankom (%)	0265	2.420	0.4000	2.376	0.2149	0.1115	50	0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0581	2.420	0.1400	2.376	0.2149	0.1115	50	0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0004	2.425	0.0700	2.376	0.2149	0.1115	50	0.23	1%	0
003.14	Fat, Crude, Ankom (%)	0563	2.427	0.0952	2.376	0.2149	0.1115	50	0.24	1%	0
003.14	Fat, Crude, Ankom (%)	0407	2.436	0.0768	2.376	0.2149	0.1115	50	0.28	1%	0
003.14	Fat, Crude, Ankom (%)	0037	2.455	0.0100	2.376	0.2149	0.1115	50	0.37	2%	0
003.14	Fat, Crude, Ankom (%)	0074	2.455	0.0700	2.376	0.2149	0.1115	50	0.37	2%	0
003.14	Fat, Crude, Ankom (%)	0066	2.460	0.2200	2.376	0.2149	0.1115	50	0.39	2%	0
003.14	Fat, Crude, Ankom (%)	0619	2.465	0.1100	2.376	0.2149	0.1115	50	0.41	2%	0
003.14	Fat, Crude, Ankom (%)	0948	2.470	0.1000	2.376	0.2149	0.1115	50	0.44	2%	0
003.14	Fat, Crude, Ankom (%)	0229	2.480	0.0230	2.376	0.2149	0.1115	50	0.48	2%	0
003.14	Fat, Crude, Ankom (%)	0683	2.485	0.1300	2.376	0.2149	0.1115	50	0.51	2%	0
003.14	Fat, Crude, Ankom (%)	0001	2.485	0.0200	2.376	0.2149	0.1115	50	0.51	2%	0
003.14	Fat, Crude, Ankom (%)	0529	2.485	0.1100	2.376	0.2149	0.1115	50	0.51	2%	0
003.14	Fat, Crude, Ankom (%)	0009	2.495	0.1500	2.376	0.2149	0.1115	50	0.55	3%	0
003.14	Fat, Crude, Ankom (%)	0171	2.495	0.2100	2.376	0.2149	0.1115	50	0.55	3%	0
003.14	Fat, Crude, Ankom (%)	0278	2.500	0.0000	2.376	0.2149	0.1115	50	0.58	3%	0
003.14	Fat, Crude, Ankom (%)	0015	2.520	0.3400	2.376	0.2149	0.1115	50	0.67	3%	0
003.14	Fat, Crude, Ankom (%)	0148	2.535	0.0100	2.376	0.2149	0.1115	50	0.74	3%	0
003.14	Fat, Crude, Ankom (%)	0955	2.555	0.0900	2.376	0.2149	0.1115	50	0.83	4%	0
003.14	Fat, Crude, Ankom (%)	2076	2.604	0.5306	2.376	0.2149	0.1115	50	1.06	5%	0
003.14	Fat, Crude, Ankom (%)	0968	2.680	0.1390	2.376	0.2149	0.1115	50	1.41	6%	0
003.14	Fat, Crude, Ankom (%)	0682	2.740	0.0000	2.376	0.2149	0.1115	50	1.69	8%	0
003.14	Fat, Crude, Ankom (%)	0726	2.835	0.0300	2.376	0.2149	0.1115	50	2.14	10%	0
003.14	Fat, Crude, Ankom (%)	0190	2.915	0.3700	2.376	0.2149	0.1115	50	2.51	11%	0
003.14	Fat, Crude, Ankom (%)	0520	3.030	0.0000	2.376	0.2149	0.1115	50	3.04	14%	0
003.14	Fat, Crude, Ankom (%)	0003	2.475	0.6900	2.376	0.2149	0.1115	50	0.46	2%	1
003.14	Fat, Crude, Ankom (%)	0692	2.850	0.7000	2.376	0.2149	0.1115	50	2.21	10%	1
003.99	Fat, Crude, Miscellaneous (%)	0536	2.265	0.0300	2.560	0.2033	0.0450	4			0
003.99	Fat, Crude, Miscellaneous (%)	2253	2.600	0.0400	2.560	0.2033	0.0450	4			0
003.99	Fat, Crude, Miscellaneous (%)	0546	2.650	0.0600	2.560	0.2033	0.0450	4			0
003.99	Fat, Crude, Miscellaneous (%)	0016	2.725	0.0500	2.560	0.2033	0.0450	4			0
003.99	Fat, Crude, Miscellaneous (%)	0160	2.350	0.3000	2.560	0.2033	0.0450	4			1

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	
004.00	Fiber, Crude, Asbestos Free (%)	0169	16.25	0.1000	17.36	0.7808	0.1640	15	-1.43	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0194	16.46	0.0200	17.36	0.7808	0.1640	15	-1.16	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	16.49	0.0200	17.36	0.7808	0.1640	15	-1.12	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	16.94	0.1300	17.36	0.7808	0.1640	15	-0.55	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	16.94	0.0800	17.36	0.7808	0.1640	15	-0.54	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	17.00	0.4000	17.36	0.7808	0.1640	15	-0.47	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	17.20	0.2000	17.36	0.7808	0.1640	15	-0.21	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	17.43	0.4000	17.36	0.7808	0.1640	15	0.08	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	17.45	0.1000	17.36	0.7808	0.1640	15	0.11	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	17.75	0.1000	17.36	0.7808	0.1640	15	0.49	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	17.80	0.0000	17.36	0.7808	0.1640	15	0.56	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	17.90	0.0000	17.36	0.7808	0.1640	15	0.69	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	18.08	0.4900	17.36	0.7808	0.1640	15	0.91	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	18.25	0.3100	17.36	0.7808	0.1640	15	1.13	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	18.77	0.1100	17.36	0.7808	0.1640	15	1.79	4%	0
004.01	Fiber, Crude, Sing Filt (%)	2144	3.160	0.0200				2			0
004.01	Fiber, Crude, Sing Filt (%)	0366	15.05	0.3000				2			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	15.63	0.9600	17.49	1.494	0.4780	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0921	16.80	0.0800	17.49	1.494	0.4780	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	16.99	0.2600	17.49	1.494	0.4780	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	18.79	0.6900	17.49	1.494	0.4780	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	19.24	0.4000	17.49	1.494	0.4780	5			0
004.06	Fiber, Crude, Fibertec (%)	0638	1.900	0.0000	17.35	1.255	0.1336	19	-12.31	45%	0
004.06	Fiber, Crude, Fibertec (%)	2199	12.25	0.1000	17.35	1.255	0.1336	19	-4.06	15%	0
004.06	Fiber, Crude, Fibertec (%)	0868	16.07	0.0500	17.35	1.255	0.1336	19	-1.02	4%	0
004.06	Fiber, Crude, Fibertec (%)	2022	16.27	0.0100	17.35	1.255	0.1336	19	-0.86	3%	0
004.06	Fiber, Crude, Fibertec (%)	0968	16.52	0.0700	17.35	1.255	0.1336	19	-0.66	2%	0
004.06	Fiber, Crude, Fibertec (%)	0098	16.59	0.5100	17.35	1.255	0.1336	19	-0.61	2%	0
004.06	Fiber, Crude, Fibertec (%)	0675	16.60	0.0200	17.35	1.255	0.1336	19	-0.59	2%	0
004.06	Fiber, Crude, Fibertec (%)	0897	17.07	0.2600	17.35	1.255	0.1336	19	-0.22	1%	0
004.06	Fiber, Crude, Fibertec (%)	0689	17.55	0.1000	17.35	1.255	0.1336	19	0.16	1%	0
004.06	Fiber, Crude, Fibertec (%)	2062	17.67	0.0099	17.35	1.255	0.1336	19	0.26	1%	0
004.06	Fiber, Crude, Fibertec (%)	0878	17.78	0.0400	17.35	1.255	0.1336	19	0.35	1%	0
004.06	Fiber, Crude, Fibertec (%)	0941	17.80	0.2400	17.35	1.255	0.1336	19	0.36	1%	0
004.06	Fiber, Crude, Fibertec (%)	0674	17.81	0.0000	17.35	1.255	0.1336	19	0.37	1%	0
004.06	Fiber, Crude, Fibertec (%)	0881	17.93	0.4590	17.35	1.255	0.1336	19	0.46	2%	0
004.06	Fiber, Crude, Fibertec (%)	0893	18.00	0.0100	17.35	1.255	0.1336	19	0.52	2%	0
004.06	Fiber, Crude, Fibertec (%)	0720	18.28	0.0500	17.35	1.255	0.1336	19	0.74	3%	0
004.06	Fiber, Crude, Fibertec (%)	0948	18.35	0.0800	17.35	1.255	0.1336	19	0.80	3%	0
004.06	Fiber, Crude, Fibertec (%)	0676	19.17	0.5300	17.35	1.255	0.1336	19	1.45	5%	0
004.06	Fiber, Crude, Fibertec (%)	2188	20.36	0.0000	17.35	1.255	0.1336	19	2.40	9%	0
004.06	Fiber, Crude, Fibertec (%)	2006	19.24	0.9700	17.35	1.255	0.1336	19	1.51	5%	1

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 (%)	0889	6.530	0.0000	17.22	1.272	0.2687	71	-8.40	31%	0
004.07	Fiber, Crude, ANKOM (%)	0028	15.15	0.3000	17.22	1.272	0.2687	71	-1.63	6%	0
004.07	Fiber, Crude, ANKOM (%)	2012	15.33	0.6100	17.22	1.272	0.2687	71	-1.49	5%	0
004.07	Fiber, Crude, ANKOM (%)	0682	15.60	0.0000	17.22	1.272	0.2687	71	-1.27	5%	0
004.07	Fiber, Crude, ANKOM (%)	0009	15.66	0.5600	17.22	1.272	0.2687	71	-1.23	5%	0
004.07	Fiber, Crude, ANKOM (%)	0004	15.77	0.1200	17.22	1.272	0.2687	71	-1.14	4%	0
004.07	Fiber, Crude, ANKOM (%)	0144	15.79	0.6100	17.22	1.272	0.2687	71	-1.13	4%	0
004.07	Fiber, Crude, ANKOM (%)	0848	15.79	0.0000	17.22	1.272	0.2687	71	-1.12	4%	0
004.07	Fiber, Crude, ANKOM (%)	0026	15.80	0.2000	17.22	1.272	0.2687	71	-1.12	4%	0
004.07	Fiber, Crude, ANKOM (%)	0510	15.80	0.2000	17.22	1.272	0.2687	71	-1.12	4%	0
004.07	Fiber, Crude, ANKOM (%)	2190	15.85	0.0000	17.22	1.272	0.2687	71	-1.08	4%	0
004.07	Fiber, Crude, ANKOM (%)	0849	15.87	0.0650	17.22	1.272	0.2687	71	-1.06	4%	0
004.07	Fiber, Crude, ANKOM (%)	0968	15.87	0.0960	17.22	1.272	0.2687	71	-1.06	4%	0
004.07	Fiber, Crude, ANKOM (%)	0644	15.88	0.0010	17.22	1.272	0.2687	71	-1.05	4%	0
004.07	Fiber, Crude, ANKOM (%)	0683	16.08	0.3600	17.22	1.272	0.2687	71	-0.90	3%	0
004.07	Fiber, Crude, ANKOM (%)	0939	16.15	0.6100	17.22	1.272	0.2687	71	-0.84	3%	0
004.07	Fiber, Crude, ANKOM (%)	0160	16.15	0.9000	17.22	1.272	0.2687	71	-0.84	3%	0
004.07	Fiber, Crude, ANKOM (%)	2009	16.17	0.0252	17.22	1.272	0.2687	71	-0.82	3%	0
004.07	Fiber, Crude, ANKOM (%)	0708	16.23	0.0600	17.22	1.272	0.2687	71	-0.78	3%	0
004.07	Fiber, Crude, ANKOM (%)	0242	16.34	0.9700	17.22	1.272	0.2687	71	-0.69	3%	0
004.07	Fiber, Crude, ANKOM (%)	0278	16.40	0.0000	17.22	1.272	0.2687	71	-0.64	2%	0
004.07	Fiber, Crude, ANKOM (%)	0619	16.40	0.0000	17.22	1.272	0.2687	71	-0.64	2%	0
004.07	Fiber, Crude, ANKOM (%)	0956	16.40	0.6000	17.22	1.272	0.2687	71	-0.64	2%	0
004.07	Fiber, Crude, ANKOM (%)	0675	16.43	0.0200	17.22	1.272	0.2687	71	-0.62	2%	0
004.07	Fiber, Crude, ANKOM (%)	0955	16.55	0.7000	17.22	1.272	0.2687	71	-0.53	2%	0
004.07	Fiber, Crude, ANKOM (%)	0100	16.67	0.0900	17.22	1.272	0.2687	71	-0.44	2%	0
004.07	Fiber, Crude, ANKOM (%)	2033	16.70	0.0000	17.22	1.272	0.2687	71	-0.41	2%	0
004.07	Fiber, Crude, ANKOM (%)	0692	16.95	0.1000	17.22	1.272	0.2687	71	-0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	0870	17.07	0.5009	17.22	1.272	0.2687	71	-0.12	0%	0
004.07	Fiber, Crude, ANKOM (%)	0511	17.10	1.200	17.22	1.272	0.2687	71	-0.09	0%	0
004.07	Fiber, Crude, ANKOM (%)	0190	17.15	0.1000	17.22	1.272	0.2687	71	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0074	17.16	0.3800	17.22	1.272	0.2687	71	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0083	17.17	0.0900	17.22	1.272	0.2687	71	-0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0726	17.17	0.0200	17.22	1.272	0.2687	71	-0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0653	17.29	0.0300	17.22	1.272	0.2687	71	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0035	17.31	0.0500	17.22	1.272	0.2687	71	0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0042	17.31	0.3800	17.22	1.272	0.2687	71	0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0098	17.33	0.0100	17.22	1.272	0.2687	71	0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0300	17.36	0.3900	17.22	1.272	0.2687	71	0.11	0%	0
004.07	Fiber, Crude, ANKOM (%)	0529	17.44	0.2900	17.22	1.272	0.2687	71	0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	2259	17.45	0.0050	17.22	1.272	0.2687	71	0.18	1%	0
004.07	Fiber, Crude, ANKOM (%)	0563	17.58	0.7665	17.22	1.272	0.2687	71	0.28	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0263	17.59	0.2380	17.22	1.272	0.2687	71	0.29	1%	0
004.07	Fiber, Crude, ANKOM (%)	0265	17.60	0.0000	17.22	1.272	0.2687	71	0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	0505	17.62	0.1900	17.22	1.272	0.2687	71	0.31	1%	0
004.07	Fiber, Crude, ANKOM (%)	0948	17.63	0.2300	17.22	1.272	0.2687	71	0.32	1%	0
004.07	Fiber, Crude, ANKOM (%)	0089	17.65	0.0300	17.22	1.272	0.2687	71	0.34	1%	0
004.07	Fiber, Crude, ANKOM (%)	0034	17.70	0.1500	17.22	1.272	0.2687	71	0.37	1%	0
004.07	Fiber, Crude, ANKOM (%)	0019	17.83	0.0800	17.22	1.272	0.2687	71	0.48	2%	0
004.07	Fiber, Crude, ANKOM (%)	2193	17.84	0.0100	17.22	1.272	0.2687	71	0.48	2%	0
004.07	Fiber, Crude, ANKOM (%)	0643	17.85	0.1000	17.22	1.272	0.2687	71	0.50	2%	0
004.07	Fiber, Crude, ANKOM (%)	2196	17.89	0.0000	17.22	1.272	0.2687	71	0.53	2%	0
004.07	Fiber, Crude, ANKOM (%)	0354	17.93	0.0300	17.22	1.272	0.2687	71	0.56	2%	0
004.07	Fiber, Crude, ANKOM (%)	0598	18.02	1.240	17.22	1.272	0.2687	71	0.63	2%	0
004.07	Fiber, Crude, ANKOM (%)	0123	18.14	0.0700	17.22	1.272	0.2687	71	0.72	3%	0
004.07	Fiber, Crude, ANKOM (%)	2181	18.34	0.0100	17.22	1.272	0.2687	71	0.88	3%	0
004.07	Fiber, Crude, ANKOM (%)	0229	18.34	0.1600	17.22	1.272	0.2687	71	0.88	3%	0
004.07	Fiber, Crude, ANKOM (%)	0910	18.35	0.9000	17.22	1.272	0.2687	71	0.89	3%	0
004.07	Fiber, Crude, ANKOM (%)	0003	18.50	0.1500	17.22	1.272	0.2687	71	1.00	4%	0
004.07	Fiber, Crude, ANKOM (%)	0298	18.50	0.2000	17.22	1.272	0.2687	71	1.01	4%	0
004.07	Fiber, Crude, ANKOM (%)	0693	18.56	0.1308	17.22	1.272	0.2687	71	1.05	4%	0
004.07	Fiber, Crude, ANKOM (%)	2076	18.60	0.0015	17.22	1.272	0.2687	71	1.09	4%	0
004.07	Fiber, Crude, ANKOM (%)	0581	18.63	0.0100	17.22	1.272	0.2687	71	1.11	4%	0
004.07	Fiber, Crude, ANKOM (%)	0407	18.86	1.381	17.22	1.272	0.2687	71	1.29	5%	0
004.07	Fiber, Crude, ANKOM (%)	0553	18.92	0.2800	17.22	1.272	0.2687	71	1.34	5%	0
004.07	Fiber, Crude, ANKOM (%)	0066	18.98	0.2400	17.22	1.272	0.2687	71	1.39	5%	0
004.07	Fiber, Crude, ANKOM (%)	0876	19.10	0.8000	17.22	1.272	0.2687	71	1.48	5%	0
004.07	Fiber, Crude, ANKOM (%)	2188	19.22	0.0000	17.22	1.272	0.2687	71	1.57	6%	0
004.07	Fiber, Crude, ANKOM (%)	0536	19.37	0.0400	17.22	1.272	0.2687	71	1.69	6%	0
004.07	Fiber, Crude, ANKOM (%)	0520	19.50	0.4000	17.22	1.272	0.2687	71	1.79	7%	0
004.07	Fiber, Crude, ANKOM (%)	0016	21.00	0.6000	17.22	1.272	0.2687	71	2.97	11%	0
004.07	Fiber, Crude, ANKOM (%)	0590	16.96	2.360	17.22	1.272	0.2687	71	-0.20	1%	1
004.07	Fiber, Crude, ANKOM (%)	2144	2.590	0.0400	17.22	1.272	0.2687	71	-11.50	42%	2
004.11	Fiber, Crude, NIR (%)	0720	14.80	0.4000	16.82	1.714	0.1892	6	-1.18	6%	0
004.11	Fiber, Crude, NIR (%)	0011	16.40	0.0000	16.82	1.714	0.1892	6	-0.24	1%	0
004.11	Fiber, Crude, NIR (%)	0405	16.41	0.0100	16.82	1.714	0.1892	6	-0.24	1%	0
004.11	Fiber, Crude, NIR (%)	0590	16.55	0.0100	16.82	1.714	0.1892	6	-0.16	1%	0
004.11	Fiber, Crude, NIR (%)	0889	17.38	0.7150	16.82	1.714	0.1892	6	0.33	2%	0
004.11	Fiber, Crude, NIR (%)	2128	19.59	0.0000	16.82	1.714	0.1892	6	1.61	8%	0
004.99	Fiber, Crude, Miscellaneous (%)	2146	14.93	0.0500				2			0
004.99	Fiber, Crude, Miscellaneous (%)	2248	16.48	0.1200				2			0
005.00	Ash, 2h @ 600°C (%)	2089	15.71	0.1600	16.69	0.2282	0.1273	92	-4.29	3%	0
005.00	Ash, 2h @ 600°C (%)	2184	15.85	0.6000	16.69	0.2282	0.1273	92	-3.67	3%	0
005.00	Ash, 2h @ 600°C (%)	0539	16.23	0.5300	16.69	0.2282	0.1273	92	-2.03	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			
005.00	Ash, 2h @ 600°C (%)	0019	16.30	0.0000	16.69	0.2282	0.1273	92	-1.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	16.30	0.4000	16.69	0.2282	0.1273	92	-1.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	16.33	0.0000	16.69	0.2282	0.1273	92	-1.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	16.34	0.0390	16.69	0.2282	0.1273	92	-1.53	1%	0
005.00	Ash, 2h @ 600°C (%)	2097	16.34	0.0302	16.69	0.2282	0.1273	92	-1.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0169	16.39	0.0100	16.69	0.2282	0.1273	92	-1.33	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	16.40	0.3900	16.69	0.2282	0.1273	92	-1.28	1%	0
005.00	Ash, 2h @ 600°C (%)	2033	16.40	0.0000	16.69	0.2282	0.1273	92	-1.26	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	16.41	0.5200	16.69	0.2282	0.1273	92	-1.22	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	16.43	0.2900	16.69	0.2282	0.1273	92	-1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	16.45	0.1200	16.69	0.2282	0.1273	92	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	16.47	0.0400	16.69	0.2282	0.1273	92	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	16.48	0.0000	16.69	0.2282	0.1273	92	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	16.49	0.0900	16.69	0.2282	0.1273	92	-0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	16.51	0.1600	16.69	0.2282	0.1273	92	-0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0874	16.53	0.0600	16.69	0.2282	0.1273	92	-0.69	0%	0
005.00	Ash, 2h @ 600°C (%)	0049	16.54	0.0900	16.69	0.2282	0.1273	92	-0.67	0%	0
005.00	Ash, 2h @ 600°C (%)	0278	16.54	0.0600	16.69	0.2282	0.1273	92	-0.65	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	16.54	0.3350	16.69	0.2282	0.1273	92	-0.64	0%	0
005.00	Ash, 2h @ 600°C (%)	0160	16.55	0.3000	16.69	0.2282	0.1273	92	-0.60	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	16.55	0.0000	16.69	0.2282	0.1273	92	-0.60	0%	0
005.00	Ash, 2h @ 600°C (%)	2199	16.55	0.1000	16.69	0.2282	0.1273	92	-0.60	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	16.56	0.1700	16.69	0.2282	0.1273	92	-0.58	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	16.56	0.0500	16.69	0.2282	0.1273	92	-0.58	0%	0
005.00	Ash, 2h @ 600°C (%)	0242	16.57	0.1100	16.69	0.2282	0.1273	92	-0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	16.58	0.1600	16.69	0.2282	0.1273	92	-0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0004	16.59	0.1400	16.69	0.2282	0.1273	92	-0.43	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	16.59	0.0600	16.69	0.2282	0.1273	92	-0.43	0%	0
005.00	Ash, 2h @ 600°C (%)	0650	16.60	0.0000	16.69	0.2282	0.1273	92	-0.38	0%	0
005.00	Ash, 2h @ 600°C (%)	0027	16.61	0.2140	16.69	0.2282	0.1273	92	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	16.62	0.0700	16.69	0.2282	0.1273	92	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	16.63	0.0200	16.69	0.2282	0.1273	92	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	16.64	0.3700	16.69	0.2282	0.1273	92	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	16.64	0.1600	16.69	0.2282	0.1273	92	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	2268	16.65	0.4300	16.69	0.2282	0.1273	92	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0208	16.65	0.1000	16.69	0.2282	0.1273	92	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	16.65	0.1000	16.69	0.2282	0.1273	92	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0574	16.65	0.1000	16.69	0.2282	0.1273	92	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	16.67	0.0400	16.69	0.2282	0.1273	92	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	16.67	0.0400	16.69	0.2282	0.1273	92	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	2073	16.68	0.0700	16.69	0.2282	0.1273	92	-0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	16.68	0.0434	16.69	0.2282	0.1273	92	-0.05	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0186	16.68	0.0000	16.69	0.2282	0.1273	92	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	16.68	0.0000	16.69	0.2282	0.1273	92	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	16.69	0.2000	16.69	0.2282	0.1273	92	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0194	16.70	0.0300	16.69	0.2282	0.1273	92	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	16.70	0.0100	16.69	0.2282	0.1273	92	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	16.72	0.1060	16.69	0.2282	0.1273	92	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2193	16.72	0.0300	16.69	0.2282	0.1273	92	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0175	16.73	0.1100	16.69	0.2282	0.1273	92	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0939	16.74	0.2100	16.69	0.2282	0.1273	92	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	16.74	0.0000	16.69	0.2282	0.1273	92	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	16.75	0.1100	16.69	0.2282	0.1273	92	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0017	16.75	0.1000	16.69	0.2282	0.1273	92	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0357	16.75	0.1000	16.69	0.2282	0.1273	92	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0675	16.75	0.2800	16.69	0.2282	0.1273	92	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0853	16.75	0.1000	16.69	0.2282	0.1273	92	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	16.75	0.1000	16.69	0.2282	0.1273	92	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0062	16.76	0.2310	16.69	0.2282	0.1273	92	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	2181	16.77	0.2400	16.69	0.2282	0.1273	92	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	2248	16.78	0.0000	16.69	0.2282	0.1273	92	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	16.79	0.1100	16.69	0.2282	0.1273	92	0.43	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	16.80	0.2100	16.69	0.2282	0.1273	92	0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0345	16.80	0.2000	16.69	0.2282	0.1273	92	0.49	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	16.82	0.1600	16.69	0.2282	0.1273	92	0.58	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	16.82	0.0600	16.69	0.2282	0.1273	92	0.58	0%	0
005.00	Ash, 2h @ 600°C (%)	2259	16.85	0.0200	16.69	0.2282	0.1273	92	0.69	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	16.85	0.0200	16.69	0.2282	0.1273	92	0.71	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	16.87	0.0600	16.69	0.2282	0.1273	92	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	16.87	0.0205	16.69	0.2282	0.1273	92	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	16.89	0.0100	16.69	0.2282	0.1273	92	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	16.90	0.0109	16.69	0.2282	0.1273	92	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0016	16.90	0.0000	16.69	0.2282	0.1273	92	0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	2242	16.90	0.1200	16.69	0.2282	0.1273	92	0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	16.93	0.0900	16.69	0.2282	0.1273	92	1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	16.94	0.1200	16.69	0.2282	0.1273	92	1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	16.94	0.0000	16.69	0.2282	0.1273	92	1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0026	16.95	0.1100	16.69	0.2282	0.1273	92	1.13	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	16.96	0.0200	16.69	0.2282	0.1273	92	1.19	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	16.98	0.1400	16.69	0.2282	0.1273	92	1.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	17.02	0.0100	16.69	0.2282	0.1273	92	1.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	17.02	0.5189	16.69	0.2282	0.1273	92	1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	17.05	0.3000	16.69	0.2282	0.1273	92	1.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	17.06	0.0900	16.69	0.2282	0.1273	92	1.61	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0968	17.07	0.0060	16.69	0.2282	0.1273	92	1.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	17.10	0.1182	16.69	0.2282	0.1273	92	1.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	17.14	0.2900	16.69	0.2282	0.1273	92	1.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	17.40	0.0000	16.69	0.2282	0.1273	92	3.12	2%	0
005.00	Ash, 2h @ 600°C (%)	0100	17.58	0.1700	16.69	0.2282	0.1273	92	3.89	3%	0
005.00	Ash, 2h @ 600°C (%)	0511	16.29	1.350	16.69	0.2282	0.1273	92	-1.76	1%	1
005.00	Ash, 2h @ 600°C (%)	0047	16.40	1.000	16.69	0.2282	0.1273	92	-1.26	1%	1
005.00	Ash, 2h @ 600°C (%)	0581	0.2500	0.0200	16.69	0.2282	0.1273	92	-72.05	49%	2
005.02	Ash, LECO (%)	0644	16.94	0.0220				1			0
005.05	Ash, 3h @ 550°C (%)	0726	16.26	0.0200	16.89	0.2380	0.0716	29	-2.64	2%	0
005.05	Ash, 3h @ 550°C (%)	0689	16.61	0.0700	16.89	0.2380	0.0716	29	-1.19	1%	0
005.05	Ash, 3h @ 550°C (%)	2012	16.61	0.0400	16.89	0.2380	0.0716	29	-1.17	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	16.68	0.0500	16.89	0.2380	0.0716	29	-0.89	1%	0
005.05	Ash, 3h @ 550°C (%)	0683	16.70	0.1400	16.89	0.2380	0.0716	29	-0.79	1%	0
005.05	Ash, 3h @ 550°C (%)	0878	16.71	0.0100	16.89	0.2380	0.0716	29	-0.77	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	16.71	0.0172	16.89	0.2380	0.0716	29	-0.74	1%	0
005.05	Ash, 3h @ 550°C (%)	0849	16.72	0.0660	16.89	0.2380	0.0716	29	-0.69	0%	0
005.05	Ash, 3h @ 550°C (%)	0003	16.75	0.1000	16.89	0.2380	0.0716	29	-0.58	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	16.75	0.1000	16.89	0.2380	0.0716	29	-0.58	0%	0
005.05	Ash, 3h @ 550°C (%)	0190	16.77	0.0400	16.89	0.2380	0.0716	29	-0.49	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	16.81	0.0600	16.89	0.2380	0.0716	29	-0.32	0%	0
005.05	Ash, 3h @ 550°C (%)	0638	16.82	0.0400	16.89	0.2380	0.0716	29	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	2144	16.83	0.0500	16.89	0.2380	0.0716	29	-0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	16.86	0.1100	16.89	0.2380	0.0716	29	-0.14	0%	0
005.05	Ash, 3h @ 550°C (%)	2198	16.87	0.0100	16.89	0.2380	0.0716	29	-0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	16.92	0.2200	16.89	0.2380	0.0716	29	0.14	0%	0
005.05	Ash, 3h @ 550°C (%)	0893	16.93	0.0100	16.89	0.2380	0.0716	29	0.16	0%	0
005.05	Ash, 3h @ 550°C (%)	0720	16.93	0.0800	16.89	0.2380	0.0716	29	0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	2190	16.94	0.0900	16.89	0.2380	0.0716	29	0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	0692	16.95	0.3000	16.89	0.2380	0.0716	29	0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	17.03	0.0050	16.89	0.2380	0.0716	29	0.60	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	17.05	0.1087	16.89	0.2380	0.0716	29	0.70	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	17.12	0.0600	16.89	0.2380	0.0716	29	0.98	1%	0
005.05	Ash, 3h @ 550°C (%)	0955	17.20	0.0000	16.89	0.2380	0.0716	29	1.31	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	17.23	0.1200	16.89	0.2380	0.0716	29	1.44	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	17.27	0.0300	16.89	0.2380	0.0716	29	1.59	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	17.31	0.0500	16.89	0.2380	0.0716	29	1.75	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	18.19	0.0800	16.89	0.2380	0.0716	29	5.47	4%	0
005.05	Ash, 3h @ 550°C (%)	0038	16.15	0.4300	16.89	0.2380	0.0716	29	-3.12	2%	1
005.05	Ash, 3h @ 550°C (%)	0889	0.6150	0.0300	16.89	0.2380	0.0716	29	-68.37	48%	2
005.11	Ash, NIR (%)	2128	8.926	0.0000				3			0
005.11	Ash, NIR (%)	0720	9.185	0.0700				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			
005.11	Ash, NIR (%)	0889	20.22	0.0700				3			0
005.99	Ash, Miscellaneous (%)	0546	16.17	0.0500	16.90	0.4255	0.1729	10	-1.74	2%	0
005.99	Ash, Miscellaneous (%)	0884	16.65	0.1000	16.90	0.4255	0.1729	10	-0.60	1%	0
005.99	Ash, Miscellaneous (%)	0034	16.69	0.1820	16.90	0.4255	0.1729	10	-0.50	1%	0
005.99	Ash, Miscellaneous (%)	0662	16.73	0.2868	16.90	0.4255	0.1729	10	-0.41	1%	0
005.99	Ash, Miscellaneous (%)	0536	16.86	0.0100	16.90	0.4255	0.1729	10	-0.11	0%	0
005.99	Ash, Miscellaneous (%)	0652	16.90	0.0000	16.90	0.4255	0.1729	10	-0.01	0%	0
005.99	Ash, Miscellaneous (%)	0202	16.94	0.2000	16.90	0.4255	0.1729	10	0.09	0%	0
005.99	Ash, Miscellaneous (%)	2253	17.02	0.2300	16.90	0.4255	0.1729	10	0.26	0%	0
005.99	Ash, Miscellaneous (%)	0910	17.45	0.3000	16.90	0.4255	0.1729	10	1.28	2%	0
005.99	Ash, Miscellaneous (%)	0676	18.06	0.3700	16.90	0.4255	0.1729	10	2.71	3%	0
005.99	Ash, Miscellaneous (%)	2081	14.95	0.9500	16.90	0.4255	0.1729	10	-4.60	6%	1
006.00	Total Sugars, As sucrose (%)	0921	0.4100	0.0000				3			0
006.00	Total Sugars, As sucrose (%)	0910	3.535	0.1700				3			0
006.00	Total Sugars, As sucrose (%)	0407	4.510	1.281				3			0
006.99	Total Sugars, Miscellaneous (%)	0956	5.100	0.0000				2			0
006.99	Total Sugars, Miscellaneous (%)	0720	5.845	0.0100				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	20.97	0.3700	23.47	1.043	0.5233	13	-2.40	5%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	22.64	1.730	23.47	1.043	0.5233	13	-0.80	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	22.80	0.3000	23.47	1.043	0.5233	13	-0.64	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0675	22.81	0.1100	23.47	1.043	0.5233	13	-0.63	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	22.82	1.110	23.47	1.043	0.5233	13	-0.62	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	23.09	0.0400	23.47	1.043	0.5233	13	-0.36	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	23.35	0.5000	23.47	1.043	0.5233	13	-0.11	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	23.51	0.3100	23.47	1.043	0.5233	13	0.04	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	23.95	0.1000	23.47	1.043	0.5233	13	0.46	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	24.09	0.0200	23.47	1.043	0.5233	13	0.60	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	24.27	1.362	23.47	1.043	0.5233	13	0.77	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	24.83	0.5500	23.47	1.043	0.5233	13	1.30	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	25.15	0.3000	23.47	1.043	0.5233	13	1.61	4%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	26.55	0.7000				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2012	19.81	0.1900	22.74	1.844	0.3733	44	-1.59	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	19.88	0.3200	22.74	1.844	0.3733	44	-1.55	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	20.07	0.5200	22.74	1.844	0.3733	44	-1.45	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0590	20.08	0.4400	22.74	1.844	0.3733	44	-1.44	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	20.80	0.4500	22.74	1.844	0.3733	44	-1.05	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	20.80	0.0000	22.74	1.844	0.3733	44	-1.05	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	21.10	0.6400	22.74	1.844	0.3733	44	-0.89	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	21.11	1.130	22.74	1.844	0.3733	44	-0.89	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0160	21.20	0.0000	22.74	1.844	0.3733	44	-0.84	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	21.23	0.7400	22.74	1.844	0.3733	44	-0.82	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	21.35	0.1000	22.74	1.844	0.3733	44	-0.75	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0026	21.51	0.5500	22.74	1.844	0.3733	44	-0.67	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	21.53	0.6300	22.74	1.844	0.3733	44	-0.66	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	21.85	1.100	22.74	1.844	0.3733	44	-0.48	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	22.15	0.3000	22.74	1.844	0.3733	44	-0.32	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	22.20	0.2000	22.74	1.844	0.3733	44	-0.29	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	22.22	0.4300	22.74	1.844	0.3733	44	-0.28	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	22.28	0.1100	22.74	1.844	0.3733	44	-0.25	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0653	22.37	0.1000	22.74	1.844	0.3733	44	-0.20	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	22.42	0.7223	22.74	1.844	0.3733	44	-0.18	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	22.61	0.3700	22.74	1.844	0.3733	44	-0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	22.65	0.2000	22.74	1.844	0.3733	44	-0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	22.72	0.2500	22.74	1.844	0.3733	44	-0.01	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	22.83	0.2100	22.74	1.844	0.3733	44	0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	22.85	0.5100	22.74	1.844	0.3733	44	0.06	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	23.15	1.090	22.74	1.844	0.3733	44	0.22	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	23.20	0.4000	22.74	1.844	0.3733	44	0.25	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	23.30	0.2000	22.74	1.844	0.3733	44	0.30	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	23.32	0.1300	22.74	1.844	0.3733	44	0.31	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	23.33	1.040	22.74	1.844	0.3733	44	0.32	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	23.34	0.0000	22.74	1.844	0.3733	44	0.33	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	23.59	0.7200	22.74	1.844	0.3733	44	0.46	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	23.60	0.0776	22.74	1.844	0.3733	44	0.47	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	23.66	0.2111	22.74	1.844	0.3733	44	0.50	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	23.96	0.3700	22.74	1.844	0.3733	44	0.66	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	24.26	0.0900	22.74	1.844	0.3733	44	0.82	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	24.38	0.2200	22.74	1.844	0.3733	44	0.89	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0039	25.10	0.3300	22.74	1.844	0.3733	44	1.28	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	25.27	0.0000	22.74	1.844	0.3733	44	1.37	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0015	25.38	0.2300	22.74	1.844	0.3733	44	1.43	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	25.41	0.4200	22.74	1.844	0.3733	44	1.45	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	25.97	0.0035	22.74	1.844	0.3733	44	1.75	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	26.28	0.0800	22.74	1.844	0.3733	44	1.92	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0016	27.70	0.6000	22.74	1.844	0.3733	44	2.69	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	0.6000	0.0000	22.74	1.844	0.3733	44	-12.01	49%	2
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	21.41	0.4000				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0511	22.10	0.0000				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0720	23.58	0.0700				3			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	34.73	0.2300				2			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	2246	40.40	0.3900				2			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	30.15	0.9000	35.00	2.127	0.5520	12	-2.28	7%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	33.45	1.160	35.00	2.127	0.5520	12	-0.73	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0675	33.92	0.0700	35.00	2.127	0.5520	12	-0.51	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	
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	33.95	0.3000	35.00	2.127	0.5520	12	-0.49	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	33.96	1.040	35.00	2.127	0.5520	12	-0.49	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	34.20	1.800	35.00	2.127	0.5520	12	-0.38	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	34.20	0.0200	35.00	2.127	0.5520	12	-0.38	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	35.62	0.3700	35.00	2.127	0.5520	12	0.29	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	36.80	0.2535	35.00	2.127	0.5520	12	0.85	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	36.95	0.3000	35.00	2.127	0.5520	12	0.92	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	36.97	0.1300	35.00	2.127	0.5520	12	0.92	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	39.50	0.2800	35.00	2.127	0.5520	12	2.12	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	30.54	0.1100	33.91	1.856	0.4912	41	-1.82	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	31.00	0.4000	33.91	1.856	0.4912	41	-1.57	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	31.43	0.8000	33.91	1.856	0.4912	41	-1.34	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2012	31.61	0.1400	33.91	1.856	0.4912	41	-1.24	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0881	31.62	2.078	33.91	1.856	0.4912	41	-1.23	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2190	31.77	0.9800	33.91	1.856	0.4912	41	-1.15	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	31.80	0.3700	33.91	1.856	0.4912	41	-1.14	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	31.81	0.1500	33.91	1.856	0.4912	41	-1.13	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	32.25	0.5000	33.91	1.856	0.4912	41	-0.90	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	32.32	0.9137	33.91	1.856	0.4912	41	-0.86	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	32.54	0.1316	33.91	1.856	0.4912	41	-0.74	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0015	32.67	0.0800	33.91	1.856	0.4912	41	-0.67	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	33.00	0.0000	33.91	1.856	0.4912	41	-0.49	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	33.16	0.8900	33.91	1.856	0.4912	41	-0.41	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0590	33.35	0.9000	33.91	1.856	0.4912	41	-0.30	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	33.36	0.2700	33.91	1.856	0.4912	41	-0.30	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	33.55	0.0200	33.91	1.856	0.4912	41	-0.19	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	33.58	0.4100	33.91	1.856	0.4912	41	-0.18	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	33.80	0.0600	33.91	1.856	0.4912	41	-0.06	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	34.12	1.560	33.91	1.856	0.4912	41	0.11	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	34.22	0.0882	33.91	1.856	0.4912	41	0.17	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	34.25	0.5000	33.91	1.856	0.4912	41	0.18	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	34.25	1.900	33.91	1.856	0.4912	41	0.18	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	34.35	0.0300	33.91	1.856	0.4912	41	0.23	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0039	34.46	0.5500	33.91	1.856	0.4912	41	0.29	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0638	34.80	0.2000	33.91	1.856	0.4912	41	0.48	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	34.84	0.4600	33.91	1.856	0.4912	41	0.50	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0653	35.04	0.1100	33.91	1.856	0.4912	41	0.61	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	35.10	0.3300	33.91	1.856	0.4912	41	0.64	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	35.11	0.0000	33.91	1.856	0.4912	41	0.65	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	35.15	0.7000	33.91	1.856	0.4912	41	0.67	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	35.20	0.6000	33.91	1.856	0.4912	41	0.69	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	35.22	0.8884	33.91	1.856	0.4912	41	0.71	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			
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	35.35	1.100	33.91	1.856	0.4912	41	0.78	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0160	35.50	0.2000	33.91	1.856	0.4912	41	0.86	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	35.66	0.5900	33.91	1.856	0.4912	41	0.94	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	35.68	0.0100	33.91	1.856	0.4912	41	0.95	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	36.25	0.2400	33.91	1.856	0.4912	41	1.26	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	36.60	0.2800	33.91	1.856	0.4912	41	1.45	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	37.30	0.3000	33.91	1.856	0.4912	41	1.83	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	37.85	0.3000	33.91	1.856	0.4912	41	2.12	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	2.240	0.0000	33.91	1.856	0.4912	41	-17.06	47%	2
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0720	19.24	0.4500				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	33.55	0.0250				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	34.08	0.0900				3			0
010.03	Moisture, Karl-Fischer (%)	0164	7.205	0.0500				2			0
010.03	Moisture, Karl-Fischer (%)	0843	7.880	0.2600				2			0
010.11	Moisture, NIR (%)	0889	7.700	0.0200				3			0
010.11	Moisture, NIR (%)	2128	8.010	0.0000				3			0
010.11	Moisture, NIR (%)	0720	8.855	0.0300				3			0
010.99	Moisture, Miscellaneous (%)	0941	6.720	0.3600	7.928	0.4612	0.1171	17	-2.62	8%	0
010.99	Moisture, Miscellaneous (%)	0546	7.165	0.0300	7.928	0.4612	0.1171	17	-1.65	5%	0
010.99	Moisture, Miscellaneous (%)	0726	7.365	0.0100	7.928	0.4612	0.1171	17	-1.22	4%	0
010.99	Moisture, Miscellaneous (%)	0948	7.670	0.0200	7.928	0.4612	0.1171	17	-0.56	2%	0
010.99	Moisture, Miscellaneous (%)	0939	7.795	0.1700	7.928	0.4612	0.1171	17	-0.29	1%	0
010.99	Moisture, Miscellaneous (%)	0884	7.800	0.2000	7.928	0.4612	0.1171	17	-0.28	1%	0
010.99	Moisture, Miscellaneous (%)	2076	7.855	0.0300	7.928	0.4612	0.1171	17	-0.16	0%	0
010.99	Moisture, Miscellaneous (%)	2178	7.880	0.0000	7.928	0.4612	0.1171	17	-0.10	0%	0
010.99	Moisture, Miscellaneous (%)	2248	7.930	0.0000	7.928	0.4612	0.1171	17	0.00	0%	0
010.99	Moisture, Miscellaneous (%)	2129	7.965	0.2700	7.928	0.4612	0.1171	17	0.08	0%	0
010.99	Moisture, Miscellaneous (%)	2150	8.075	0.0900	7.928	0.4612	0.1171	17	0.32	1%	0
010.99	Moisture, Miscellaneous (%)	0652	8.100	0.0000	7.928	0.4612	0.1171	17	0.37	1%	0
010.99	Moisture, Miscellaneous (%)	0921	8.140	0.1200	7.928	0.4612	0.1171	17	0.46	1%	0
010.99	Moisture, Miscellaneous (%)	2089	8.140	0.1600	7.928	0.4612	0.1171	17	0.46	1%	0
010.99	Moisture, Miscellaneous (%)	0190	8.350	0.0200	7.928	0.4612	0.1171	17	0.91	3%	0
010.99	Moisture, Miscellaneous (%)	0160	9.135	0.3300	7.928	0.4612	0.1171	17	2.62	8%	0
010.99	Moisture, Miscellaneous (%)	0405	9.750	0.1800	7.928	0.4612	0.1171	17	3.95	11%	0
010.99	Moisture, Miscellaneous (%)	0692	7.800	0.8000	7.928	0.4612	0.1171	17	-0.28	1%	1
011.01	Loss on Drying, 135°C 2hr (%)	0175	7.850	0.3000	8.890	0.4022	0.1267	67	-2.58	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	7.945	0.0700	8.890	0.4022	0.1267	67	-2.35	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	7.985	0.0300	8.890	0.4022	0.1267	67	-2.25	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2199	8.100	0.2000	8.890	0.4022	0.1267	67	-1.96	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	8.310	0.1000	8.890	0.4022	0.1267	67	-1.44	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	8.335	0.0090	8.890	0.4022	0.1267	67	-1.38	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	8.380	0.0000	8.890	0.4022	0.1267	67	-1.27	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	2033	8.400	0.0400	8.890	0.4022	0.1267	67	-1.22	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	8.431	0.1140	8.890	0.4022	0.1267	67	-1.14	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0618	8.440	0.3590	8.890	0.4022	0.1267	67	-1.12	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0425	8.440	0.0000	8.890	0.4022	0.1267	67	-1.12	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	8.500	0.2000	8.890	0.4022	0.1267	67	-0.97	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	8.515	0.0100	8.890	0.4022	0.1267	67	-0.93	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.540	0.1200	8.890	0.4022	0.1267	67	-0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	8.570	0.4200	8.890	0.4022	0.1267	67	-0.79	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	8.623	0.1260	8.890	0.4022	0.1267	67	-0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	8.625	0.0700	8.890	0.4022	0.1267	67	-0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	8.636	0.2004	8.890	0.4022	0.1267	67	-0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2181	8.640	0.2000	8.890	0.4022	0.1267	67	-0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	8.645	0.2500	8.890	0.4022	0.1267	67	-0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2193	8.645	0.0300	8.890	0.4022	0.1267	67	-0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.650	0.0400	8.890	0.4022	0.1267	67	-0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	8.655	0.3700	8.890	0.4022	0.1267	67	-0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.695	0.3300	8.890	0.4022	0.1267	67	-0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	8.750	0.3000	8.890	0.4022	0.1267	67	-0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	8.755	0.0500	8.890	0.4022	0.1267	67	-0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	8.760	0.0200	8.890	0.4022	0.1267	67	-0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	8.820	0.0200	8.890	0.4022	0.1267	67	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	8.830	0.1250	8.890	0.4022	0.1267	67	-0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	8.850	0.0000	8.890	0.4022	0.1267	67	-0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0194	8.860	0.0200	8.890	0.4022	0.1267	67	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	8.870	0.1200	8.890	0.4022	0.1267	67	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	8.900	0.4000	8.890	0.4022	0.1267	67	0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2268	8.910	0.3200	8.890	0.4022	0.1267	67	0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.915	0.3500	8.890	0.4022	0.1267	67	0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	8.915	0.0500	8.890	0.4022	0.1267	67	0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	8.940	0.2600	8.890	0.4022	0.1267	67	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.950	0.1000	8.890	0.4022	0.1267	67	0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	8.950	0.0000	8.890	0.4022	0.1267	67	0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	8.985	0.0100	8.890	0.4022	0.1267	67	0.24	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	9.000	0.0000	8.890	0.4022	0.1267	67	0.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	9.025	0.2300	8.890	0.4022	0.1267	67	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	9.065	0.0300	8.890	0.4022	0.1267	67	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	9.100	0.0600	8.890	0.4022	0.1267	67	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	9.100	0.0800	8.890	0.4022	0.1267	67	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	9.160	0.1800	8.890	0.4022	0.1267	67	0.67	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.185	0.2100	8.890	0.4022	0.1267	67	0.73	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.200	0.0600	8.890	0.4022	0.1267	67	0.77	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	9.200	0.2000	8.890	0.4022	0.1267	67	0.77	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 (%)	2073	9.230	0.0200	8.890	0.4022	0.1267	67	0.85	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2184	9.230	0.0200	8.890	0.4022	0.1267	67	0.85	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	9.250	0.0400	8.890	0.4022	0.1267	67	0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	9.250	0.1000	8.890	0.4022	0.1267	67	0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.255	0.3300	8.890	0.4022	0.1267	67	0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	9.255	0.0512	8.890	0.4022	0.1267	67	0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.279	0.0141	8.890	0.4022	0.1267	67	0.97	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2198	9.285	0.0900	8.890	0.4022	0.1267	67	0.98	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	9.300	0.0000	8.890	0.4022	0.1267	67	1.02	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	9.308	0.0210	8.890	0.4022	0.1267	67	1.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	9.350	0.2200	8.890	0.4022	0.1267	67	1.14	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	9.370	0.0800	8.890	0.4022	0.1267	67	1.19	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	9.390	0.0200	8.890	0.4022	0.1267	67	1.24	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	9.390	0.1400	8.890	0.4022	0.1267	67	1.24	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	9.395	0.3700	8.890	0.4022	0.1267	67	1.26	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	9.400	0.0400	8.890	0.4022	0.1267	67	1.27	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	9.420	0.0095	8.890	0.4022	0.1267	67	1.32	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.430	0.1400	8.890	0.4022	0.1267	67	1.34	3%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	8.605	0.7300				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	8.550	0.1000				1			0
012.00	Starch, Polarimetric (Ewers) (%)	0689	6.650	0.5000	7.229	0.3938	0.1215	13	-1.47	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	6.715	0.0100	7.229	0.3938	0.1215	13	-1.30	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	6.995	0.1100	7.229	0.3938	0.1215	13	-0.59	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	7.080	0.0200	7.229	0.3938	0.1215	13	-0.38	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	7.080	0.0000	7.229	0.3938	0.1215	13	-0.38	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	7.095	0.0500	7.229	0.3938	0.1215	13	-0.34	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	7.200	0.0000	7.229	0.3938	0.1215	13	-0.07	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	7.300	0.1200	7.229	0.3938	0.1215	13	0.18	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	7.325	0.0300	7.229	0.3938	0.1215	13	0.24	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	7.500	0.2000	7.229	0.3938	0.1215	13	0.69	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	7.550	0.1000	7.229	0.3938	0.1215	13	0.82	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	7.665	0.1100	7.229	0.3938	0.1215	13	1.11	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	8.095	0.3300	7.229	0.3938	0.1215	13	2.20	6%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	8.190	0.8800	7.229	0.3938	0.1215	13	2.44	7%	1
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	5.550	0.1000	6.273	0.7324	0.1937	10	-0.99	6%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	5.745	0.3300	6.273	0.7324	0.1937	10	-0.72	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	5.849	0.3357	6.273	0.7324	0.1937	10	-0.58	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	5.870	0.1400	6.273	0.7324	0.1937	10	-0.55	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0910	5.900	0.0000	6.273	0.7324	0.1937	10	-0.51	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2242	6.220	0.1800	6.273	0.7324	0.1937	10	-0.07	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	6.348	0.0210	6.273	0.7324	0.1937	10	0.10	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	6.500	0.4000	6.273	0.7324	0.1937	10	0.31	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			
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	7.815	0.0300	6.273	0.7324	0.1937	10	2.11	12%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	10.60	0.4000	6.273	0.7324	0.1937	10	5.91	34%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0098	5.000	0.2000	6.476	1.031	0.2013	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0066	6.615	0.3500	6.476	1.031	0.2013	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	6.922	0.2450	6.476	1.031	0.2013	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0889	7.365	0.0100	6.476	1.031	0.2013	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	4.750	0.1000	5.960	0.7922	0.3640	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	5.800	0.2000	5.960	0.7922	0.3640	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0353	5.925	0.0900	5.960	0.7922	0.3640	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	6.535	0.4300	5.960	0.7922	0.3640	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0208	6.790	1.000	5.960	0.7922	0.3640	5			0
012.11	Starch, NIR (%)	0720	1.630	0.1200				3			0
012.11	Starch, NIR (%)	2128	6.040	0.0000				3			0
012.11	Starch, NIR (%)	0590	7.770	0.0200				3			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	2.365	0.0700	3.366	0.5918	0.1649	17	-1.69	15%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	2.550	0.1000	3.366	0.5918	0.1649	17	-1.38	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	2.660	0.2200	3.366	0.5918	0.1649	17	-1.19	10%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	3.000	0.2000	3.366	0.5918	0.1649	17	-0.62	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	3.145	0.0100	3.366	0.5918	0.1649	17	-0.37	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	3.170	0.3200	3.366	0.5918	0.1649	17	-0.33	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	3.225	0.6500	3.366	0.5918	0.1649	17	-0.24	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	3.270	0.0400	3.366	0.5918	0.1649	17	-0.16	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	3.394	0.2355	3.366	0.5918	0.1649	17	0.05	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	3.400	0.0000	3.366	0.5918	0.1649	17	0.06	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0504	3.540	0.0800	3.366	0.5918	0.1649	17	0.29	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	3.595	0.0500	3.366	0.5918	0.1649	17	0.39	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	3.615	0.0500	3.366	0.5918	0.1649	17	0.42	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	3.743	0.4970	3.366	0.5918	0.1649	17	0.64	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	3.985	0.1700	3.366	0.5918	0.1649	17	1.05	9%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	4.200	0.0400	3.366	0.5918	0.1649	17	1.41	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0139	4.355	0.0700	3.366	0.5918	0.1649	17	1.67	15%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0874	2.725	0.3300	3.705	0.4405	0.1544	19	-2.23	13%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0650	2.940	0.0400	3.705	0.4405	0.1544	19	-1.74	10%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	3.250	0.1000	3.705	0.4405	0.1544	19	-1.03	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	3.289	0.0270	3.705	0.4405	0.1544	19	-0.95	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	3.455	0.0900	3.705	0.4405	0.1544	19	-0.57	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	3.555	0.0900	3.705	0.4405	0.1544	19	-0.34	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2033	3.585	0.0300	3.705	0.4405	0.1544	19	-0.27	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	3.600	0.5200	3.705	0.4405	0.1544	19	-0.24	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0208	3.620	0.1800	3.705	0.4405	0.1544	19	-0.19	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	3.745	0.2569	3.705	0.4405	0.1544	19	0.09	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	3.780	0.0600	3.705	0.4405	0.1544	19	0.17	1%	0

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013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	3.790	0.1000	3.705	0.4405	0.1544	19	0.19	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0100	3.795	0.0100	3.705	0.4405	0.1544	19	0.20	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	3.805	0.0300	3.705	0.4405	0.1544	19	0.23	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	4.080	0.0000	3.705	0.4405	0.1544	19	0.85	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	4.190	0.3600	3.705	0.4405	0.1544	19	1.10	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	4.190	0.4400	3.705	0.4405	0.1544	19	1.10	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	4.220	0.1200	3.705	0.4405	0.1544	19	1.17	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	4.377	0.1490	3.705	0.4405	0.1544	19	1.52	9%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	2.748	1.404	3.705	0.4405	0.1544	19	-2.17	13%	1
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	3.040	0.8150				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	2.735	0.1264	3.129	0.4686	0.1377	6	-0.84	6%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0720	2.780	0.1600	3.129	0.4686	0.1377	6	-0.75	6%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	2.810	0.0000	3.129	0.4686	0.1377	6	-0.68	5%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	3.315	0.0900	3.129	0.4686	0.1377	6	0.40	3%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0638	3.400	0.4000	3.129	0.4686	0.1377	6	0.58	4%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0939	3.735	0.0500	3.129	0.4686	0.1377	6	1.29	10%	0
013.12	Fat, Acid Pretreat, NIR- Acid Hydrolysis (%)	2128	1.758	0.0000				1			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	3.195	0.0670	4.107	0.9139	0.2992	6	-1.00	11%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	3.410	0.5800	4.107	0.9139	0.2992	6	-0.76	8%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	3.840	0.3000	4.107	0.9139	0.2992	6	-0.29	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0955	4.255	0.2500	4.107	0.9139	0.2992	6	0.16	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	4.555	0.0900	4.107	0.9139	0.2992	6	0.49	5%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	5.386	0.5079	4.107	0.9139	0.2992	6	1.40	16%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	1,054	69.51	1,620	363.3	50.23	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	1,462	69.64	1,620	363.3	50.23	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	1,812	14.00	1,620	363.3	50.23	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	1,835	68.00	1,620	363.3	50.23	5			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	1,935	30.00	1,620	363.3	50.23	5			0
015.42	Aluminum, ICP, Open vessel (ppm)	0560	637.4	31.20				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	1,564	9.800				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0425	1,342	0.0000	1,609	276.6	21.62	6	-0.97	8%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	1,358	15.10	1,609	276.6	21.62	6	-0.91	8%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	1,505	50.00	1,609	276.6	21.62	6	-0.38	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0510	1,695	30.00	1,609	276.6	21.62	6	0.31	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	1,865	13.64	1,609	276.6	21.62	6	0.92	8%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	1,891	21.00	1,609	276.6	21.62	6	1.02	9%	0
015.52	Aluminum, ICP-MS, Open vessel (ppm)	0186	407.0	10.00				1			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	1,960	20.00				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	2,067	130.0				2			0
017.41	Boron, ICP, Dry ash (ppm)	0171	18.67	0.3100	21.00	1.974	0.8420	5			0
017.41	Boron, ICP, Dry ash (ppm)	0358	19.32	1.510	21.00	1.974	0.8420	5			0
017.41	Boron, ICP, Dry ash (ppm)	0229	21.23	0.3800	21.00	1.974	0.8420	5			0



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017.41	Boron, ICP, Dry ash (ppm)	0226	22.88	0.8200	21.00	1.974	0.8420	5			0
017.41	Boron, ICP, Dry ash (ppm)	0049	22.93	1.190	21.00	1.974	0.8420	5			0
017.41	Boron, ICP, Dry ash (ppm)	0407	27.25	9.372	21.00	1.974	0.8420	5			1
017.42	Boron, ICP, Open vessel (ppm)	0693	20.13	1.069	21.53	1.448	1.947	4			0
017.42	Boron, ICP, Open vessel (ppm)	0265	20.80	2.800	21.53	1.448	1.947	4			0
017.42	Boron, ICP, Open vessel (ppm)	0037	21.70	0.4000	21.53	1.448	1.947	4			0
017.42	Boron, ICP, Open vessel (ppm)	0560	23.47	3.520	21.53	1.448	1.947	4			0
017.43	Boron, ICP, Microwave (ppm)	0407	17.65	0.5221	21.61	3.705	0.5305	4			0
017.43	Boron, ICP, Microwave (ppm)	0345	20.40	0.4000	21.61	3.705	0.5305	4			0
017.43	Boron, ICP, Microwave (ppm)	0083	21.90	0.2000	21.61	3.705	0.5305	4			0
017.43	Boron, ICP, Microwave (ppm)	0510	26.50	1.000	21.61	3.705	0.5305	4			0
017.43	Boron, ICP, Microwave (ppm)	0353	24.00	4.000	21.61	3.705	0.5305	4			1
017.44	Boron, ICP, Dry ash (ppm)	0405	21.32	0.1300				1			0
017.53	Boron, ICP-MS, Microwave (ppm)	0553	24.30	2.000				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	1.325	0.0100	2.136	0.0836	0.0569	12	-9.70	19%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2246	2.010	0.0000	2.136	0.0836	0.0569	12	-1.51	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	2.085	0.1700	2.136	0.0836	0.0569	12	-0.61	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	2.125	0.0500	2.136	0.0836	0.0569	12	-0.13	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	2.134	0.0111	2.136	0.0836	0.0569	12	-0.03	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	2.135	0.0500	2.136	0.0836	0.0569	12	-0.01	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	2.135	0.0100	2.136	0.0836	0.0569	12	-0.01	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	2.161	0.0530	2.136	0.0836	0.0569	12	0.29	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	2.165	0.0100	2.136	0.0836	0.0569	12	0.35	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	2.200	0.0600	2.136	0.0836	0.0569	12	0.77	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	2.227	0.0490	2.136	0.0836	0.0569	12	1.08	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	2.245	0.2100	2.136	0.0836	0.0569	12	1.30	3%	0
019.02	Calcium, Hach Method (%)	0536	2.060	0.1400				2			0
019.02	Calcium, Hach Method (%)	2128	2.132	0.0160				2			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	2.235	0.0324				1			0
019.08	Calcium, EDTA (%)	2188	1.960	0.0000	2.095	0.0960	0.0078	8	-1.40	3%	0
019.08	Calcium, EDTA (%)	2199	2.000	0.0000	2.095	0.0960	0.0078	8	-0.98	2%	0
019.08	Calcium, EDTA (%)	2193	2.045	0.0100	2.095	0.0960	0.0078	8	-0.52	1%	0
019.08	Calcium, EDTA (%)	0689	2.120	0.0400	2.095	0.0960	0.0078	8	0.27	1%	0
019.08	Calcium, EDTA (%)	2196	2.130	0.0000	2.095	0.0960	0.0078	8	0.37	1%	0
019.08	Calcium, EDTA (%)	0849	2.136	0.0090	2.095	0.0960	0.0078	8	0.43	1%	0
019.08	Calcium, EDTA (%)	2009	2.156	0.0030	2.095	0.0960	0.0078	8	0.64	1%	0
019.08	Calcium, EDTA (%)	0590	2.210	0.0000	2.095	0.0960	0.0078	8	1.20	3%	0
019.08	Calcium, EDTA (%)	2190	2.334	0.1407	2.095	0.0960	0.0078	8	2.49	6%	1
019.31	Calcium, AAS, Dry ash (%)	0674	1.840	0.0000	2.129	0.1333	0.0511	22	-2.17	7%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.953	0.1721	2.129	0.1333	0.0511	22	-1.32	4%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.985	0.0100	2.129	0.1333	0.0511	22	-1.08	3%	0
019.31	Calcium, AAS, Dry ash (%)	2246	2.020	0.0000	2.129	0.1333	0.0511	22	-0.82	3%	0

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019.31	Calcium, AAS, Dry ash (%)	0563	2.025	0.0500	2.129	0.1333	0.0511	22	-0.78	2%	0
019.31	Calcium, AAS, Dry ash (%)	0536	2.055	0.0700	2.129	0.1333	0.0511	22	-0.56	2%	0
019.31	Calcium, AAS, Dry ash (%)	0529	2.060	0.0200	2.129	0.1333	0.0511	22	-0.52	2%	0
019.31	Calcium, AAS, Dry ash (%)	0175	2.065	0.0100	2.129	0.1333	0.0511	22	-0.48	2%	0
019.31	Calcium, AAS, Dry ash (%)	0939	2.080	0.2200	2.129	0.1333	0.0511	22	-0.37	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	2.085	0.0300	2.129	0.1333	0.0511	22	-0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	2248	2.119	0.0000	2.129	0.1333	0.0511	22	-0.08	0%	0
019.31	Calcium, AAS, Dry ash (%)	2196	2.120	0.0000	2.129	0.1333	0.0511	22	-0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0208	2.139	0.1150	2.129	0.1333	0.0511	22	0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0868	2.170	0.0200	2.129	0.1333	0.0511	22	0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	2.186	0.1397	2.129	0.1333	0.0511	22	0.42	1%	0
019.31	Calcium, AAS, Dry ash (%)	0874	2.190	0.0000	2.129	0.1333	0.0511	22	0.46	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	2.200	0.1000	2.129	0.1333	0.0511	22	0.53	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	2.215	0.0300	2.129	0.1333	0.0511	22	0.64	2%	0
019.31	Calcium, AAS, Dry ash (%)	2097	2.276	0.0084	2.129	0.1333	0.0511	22	1.10	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	2.318	0.0600	2.129	0.1333	0.0511	22	1.42	4%	0
019.31	Calcium, AAS, Dry ash (%)	2022	2.325	0.0100	2.129	0.1333	0.0511	22	1.47	5%	0
019.31	Calcium, AAS, Dry ash (%)	2198	2.890	0.0600	2.129	0.1333	0.0511	22	5.71	18%	0
019.32	Calcium, AAS, Open vessel (%)	0169	2.125	0.0100				1			0
019.41	Calcium, ICP, Dry ash (%)	0144	1.900	0.0400	2.145	0.1069	0.0472	31	-2.29	6%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.990	0.1000	2.145	0.1069	0.0472	31	-1.45	4%	0
019.41	Calcium, ICP, Dry ash (%)	0004	2.000	0.1600	2.145	0.1069	0.0472	31	-1.36	3%	0
019.41	Calcium, ICP, Dry ash (%)	2012	2.020	0.0200	2.145	0.1069	0.0472	31	-1.17	3%	0
019.41	Calcium, ICP, Dry ash (%)	0229	2.050	0.1200	2.145	0.1069	0.0472	31	-0.89	2%	0
019.41	Calcium, ICP, Dry ash (%)	0298	2.060	0.0200	2.145	0.1069	0.0472	31	-0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	0018	2.060	0.0000	2.145	0.1069	0.0472	31	-0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	0511	2.065	0.1300	2.145	0.1069	0.0472	31	-0.75	2%	0
019.41	Calcium, ICP, Dry ash (%)	0019	2.100	0.0200	2.145	0.1069	0.0472	31	-0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	2.100	0.0200	2.145	0.1069	0.0472	31	-0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	0878	2.100	0.0200	2.145	0.1069	0.0472	31	-0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	2.100	0.0400	2.145	0.1069	0.0472	31	-0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	2.110	0.0000	2.145	0.1069	0.0472	31	-0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	2.110	0.0200	2.145	0.1069	0.0472	31	-0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	2.125	0.0500	2.145	0.1069	0.0472	31	-0.19	0%	0
019.41	Calcium, ICP, Dry ash (%)	0848	2.130	0.0000	2.145	0.1069	0.0472	31	-0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0208	2.137	0.0280	2.145	0.1069	0.0472	31	-0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0910	2.145	0.0500	2.145	0.1069	0.0472	31	0.00	0%	0
019.41	Calcium, ICP, Dry ash (%)	0123	2.180	0.0000	2.145	0.1069	0.0472	31	0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0405	2.189	0.0090	2.145	0.1069	0.0472	31	0.40	1%	0
019.41	Calcium, ICP, Dry ash (%)	0520	2.195	0.1700	2.145	0.1069	0.0472	31	0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	2.200	0.0000	2.145	0.1069	0.0472	31	0.51	1%	0
019.41	Calcium, ICP, Dry ash (%)	0354	2.210	0.0000	2.145	0.1069	0.0472	31	0.61	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.41	Calcium, ICP, Dry ash (%)	0066	2.215	0.0700	2.145	0.1069	0.0472	31	0.65	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	2.250	0.1400	2.145	0.1069	0.0472	31	0.98	2%	0
019.41	Calcium, ICP, Dry ash (%)	2259	2.255	0.0060	2.145	0.1069	0.0472	31	1.03	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	2.256	0.0010	2.145	0.1069	0.0472	31	1.03	3%	0
019.41	Calcium, ICP, Dry ash (%)	0685	2.275	0.0300	2.145	0.1069	0.0472	31	1.21	3%	0
019.41	Calcium, ICP, Dry ash (%)	0619	2.290	0.0200	2.145	0.1069	0.0472	31	1.35	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	2.295	0.1700	2.145	0.1069	0.0472	31	1.40	3%	0
019.41	Calcium, ICP, Dry ash (%)	0720	2.315	0.0100	2.145	0.1069	0.0472	31	1.59	4%	0
019.41	Calcium, ICP, Dry ash (%)	0407	2.230	0.2899	2.145	0.1069	0.0472	31	0.79	2%	1
019.42	Calcium, ICP, Open vessel (%)	0026	1.905	0.0090	2.158	0.1036	0.0699	18	-2.44	6%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.996	0.2105	2.158	0.1036	0.0699	18	-1.56	4%	0
019.42	Calcium, ICP, Open vessel (%)	0357	2.050	0.0103	2.158	0.1036	0.0699	18	-1.04	2%	0
019.42	Calcium, ICP, Open vessel (%)	0366	2.055	0.0500	2.158	0.1036	0.0699	18	-0.99	2%	0
019.42	Calcium, ICP, Open vessel (%)	0278	2.105	0.0100	2.158	0.1036	0.0699	18	-0.51	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	2.115	0.0500	2.158	0.1036	0.0699	18	-0.41	1%	0
019.42	Calcium, ICP, Open vessel (%)	0096	2.119	0.1180	2.158	0.1036	0.0699	18	-0.37	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	2.147	0.0409	2.158	0.1036	0.0699	18	-0.11	0%	0
019.42	Calcium, ICP, Open vessel (%)	0009	2.155	0.0300	2.158	0.1036	0.0699	18	-0.03	0%	0
019.42	Calcium, ICP, Open vessel (%)	0037	2.172	0.0070	2.158	0.1036	0.0699	18	0.13	0%	0
019.42	Calcium, ICP, Open vessel (%)	0263	2.195	0.0076	2.158	0.1036	0.0699	18	0.36	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	2.195	0.0500	2.158	0.1036	0.0699	18	0.36	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	2.218	0.0260	2.158	0.1036	0.0699	18	0.58	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	2.225	0.2500	2.158	0.1036	0.0699	18	0.65	2%	0
019.42	Calcium, ICP, Open vessel (%)	0042	2.230	0.1400	2.158	0.1036	0.0699	18	0.70	2%	0
019.42	Calcium, ICP, Open vessel (%)	0726	2.274	0.0080	2.158	0.1036	0.0699	18	1.12	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	2.275	0.0100	2.158	0.1036	0.0699	18	1.13	3%	0
019.42	Calcium, ICP, Open vessel (%)	0692	2.305	0.2300	2.158	0.1036	0.0699	18	1.42	3%	0
019.42	Calcium, ICP, Open vessel (%)	2129	2.100	0.6000	2.158	0.1036	0.0699	18	-0.56	1%	1
019.43	Calcium, ICP, Microwave (%)	0202	1.099	0.0220	2.144	0.1484	0.0415	24	-7.04	24%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.810	0.0900	2.144	0.1484	0.0415	24	-2.25	8%	0
019.43	Calcium, ICP, Microwave (%)	0089	1.980	0.0000	2.144	0.1484	0.0415	24	-1.10	4%	0
019.43	Calcium, ICP, Microwave (%)	0505	2.005	0.0300	2.144	0.1484	0.0415	24	-0.93	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	2.024	0.0437	2.144	0.1484	0.0415	24	-0.81	3%	0
019.43	Calcium, ICP, Microwave (%)	2089	2.035	0.0700	2.144	0.1484	0.0415	24	-0.73	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	2.050	0.1000	2.144	0.1484	0.0415	24	-0.63	2%	0
019.43	Calcium, ICP, Microwave (%)	0033	2.070	0.0400	2.144	0.1484	0.0415	24	-0.50	2%	0
019.43	Calcium, ICP, Microwave (%)	0425	2.070	0.0000	2.144	0.1484	0.0415	24	-0.50	2%	0
019.43	Calcium, ICP, Microwave (%)	0017	2.115	0.0610	2.144	0.1484	0.0415	24	-0.20	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	2.115	0.0100	2.144	0.1484	0.0415	24	-0.19	1%	0
019.43	Calcium, ICP, Microwave (%)	2192	2.120	0.0600	2.144	0.1484	0.0415	24	-0.16	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	2.140	0.0000	2.144	0.1484	0.0415	24	-0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0345	2.165	0.0300	2.144	0.1484	0.0415	24	0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.43	Calcium, ICP, Microwave (%)	0010	2.175	0.0100	2.144	0.1484	0.0415	24	0.21	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	2.176	0.0120	2.144	0.1484	0.0415	24	0.22	1%	0
019.43	Calcium, ICP, Microwave (%)	0006	2.209	0.0820	2.144	0.1484	0.0415	24	0.44	2%	0
019.43	Calcium, ICP, Microwave (%)	0512	2.274	0.0490	2.144	0.1484	0.0415	24	0.88	3%	0
019.43	Calcium, ICP, Microwave (%)	0083	2.280	0.0400	2.144	0.1484	0.0415	24	0.92	3%	0
019.43	Calcium, ICP, Microwave (%)	0098	2.305	0.1100	2.144	0.1484	0.0415	24	1.09	4%	0
019.43	Calcium, ICP, Microwave (%)	0035	2.310	0.0000	2.144	0.1484	0.0415	24	1.12	4%	0
019.43	Calcium, ICP, Microwave (%)	0353	2.315	0.0500	2.144	0.1484	0.0415	24	1.15	4%	0
019.43	Calcium, ICP, Microwave (%)	0407	2.317	0.0134	2.144	0.1484	0.0415	24	1.17	4%	0
019.43	Calcium, ICP, Microwave (%)	0027	2.357	0.0740	2.144	0.1484	0.0415	24	1.44	5%	0
019.44	Calcium, ICP, Dry ash (%)	0955	2.055	0.0300	2.168	0.0864	0.0558	4			0
019.44	Calcium, ICP, Dry ash (%)	0164	2.150	0.0600	2.168	0.0864	0.0558	4			0
019.44	Calcium, ICP, Dry ash (%)	0653	2.219	0.0530	2.168	0.0864	0.0558	4			0
019.44	Calcium, ICP, Dry ash (%)	0160	2.250	0.0800	2.168	0.0864	0.0558	4			0
019.44	Calcium, ICP, Dry ash (%)	0039	2.350	0.3000	2.168	0.0864	0.0558	4			1
019.52	Calcium, ICP-MS, Open vessel (%)	0154	2.013	0.0213	2.129	0.0911	0.0578	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	2.115	0.1500	2.129	0.0911	0.0578	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	2.160	0.0200	2.129	0.0911	0.0578	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0016	2.230	0.0400	2.129	0.0911	0.0578	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0300	1.980	0.0600	2.111	0.1055	0.0775	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	2.075	0.0100	2.111	0.1055	0.0775	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	2.175	0.0300	2.111	0.1055	0.0775	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	2.215	0.2100	2.111	0.1055	0.0775	4			0
019.99	Calcium, Miscellaneous (%)	0676	0.7900	0.0200	2.031	0.2344	0.0517	6	-5.29	31%	0
019.99	Calcium, Miscellaneous (%)	2253	1.900	0.0200	2.031	0.2344	0.0517	6	-0.56	3%	0
019.99	Calcium, Miscellaneous (%)	0242	2.095	0.0700	2.031	0.2344	0.0517	6	0.27	2%	0
019.99	Calcium, Miscellaneous (%)	0868	2.095	0.0100	2.031	0.2344	0.0517	6	0.27	2%	0
019.99	Calcium, Miscellaneous (%)	0590	2.175	0.1500	2.031	0.2344	0.0517	6	0.62	4%	0
019.99	Calcium, Miscellaneous (%)	0100	2.240	0.0400	2.031	0.2344	0.0517	6	0.89	5%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0689	4.700	0.0000	6.010	1.172	0.3164	6	-1.12	11%	0
021.31	Cobalt, AAS, Dry ash (ppm)	2248	5.430	0.0000	6.010	1.172	0.3164	6	-0.49	5%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0208	5.695	0.2900	6.010	1.172	0.3164	6	-0.27	3%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	6.200	0.0000	6.010	1.172	0.3164	6	0.16	2%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	6.265	0.5100	6.010	1.172	0.3164	6	0.22	2%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	15.51	1.098	6.010	1.172	0.3164	6	8.10	79%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	3.185	0.0500	5.014	1.536	0.1751	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0955	3.900	0.4800	5.014	1.536	0.1751	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	5.335	0.2397	5.014	1.536	0.1751	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	5.517	0.0160	5.014	1.536	0.1751	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	7.135	0.0900	5.014	1.536	0.1751	5			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	4.985	0.6101				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0560	5.320	0.0600				2			0

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021.43	Cobalt, ICP, Microwave (ppm)	0345	4.550	0.3000	6.101	1.114	0.1511	7	-1.39	13%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	5.100	0.0000	6.101	1.114	0.1511	7	-0.90	8%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	5.990	0.1400	6.101	1.114	0.1511	7	-0.10	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	6.275	0.0500	6.101	1.114	0.1511	7	0.16	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0038	6.586	0.0930	6.101	1.114	0.1511	7	0.43	4%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	6.888	0.1337	6.101	1.114	0.1511	7	0.71	6%	0
021.43	Cobalt, ICP, Microwave (ppm)	0027	7.321	0.3410	6.101	1.114	0.1511	7	1.09	10%	0
021.43	Cobalt, ICP, Microwave (ppm)	0353	7.263	1.007	6.101	1.114	0.1511	7	1.04	10%	1
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0016	3.485	0.0500	3.929	0.3713	0.0775	4			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	3.825	0.0900	3.929	0.3713	0.0775	4			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	4.035	0.0100	3.929	0.3713	0.0775	4			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0047	4.370	0.1600	3.929	0.3713	0.0775	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0033	5.725	0.7700				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	6.190	0.8600				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	6.400	0.0400				3			0
022.31	Copper, AAS, Dry ash (ppm)	2248	42.98	0.0000	50.01	5.443	1.679	13	-1.29	7%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	44.58	0.0700	50.01	5.443	1.679	13	-1.00	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	45.35	0.8000	50.01	5.443	1.679	13	-0.86	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	46.43	4.870	50.01	5.443	1.679	13	-0.66	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0868	47.62	2.800	50.01	5.443	1.679	13	-0.44	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	48.00	2.000	50.01	5.443	1.679	13	-0.37	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	49.88	1.170	50.01	5.443	1.679	13	-0.03	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0884	50.00	3.000	50.01	5.443	1.679	13	0.00	0%	0
022.31	Copper, AAS, Dry ash (ppm)	2097	51.59	1.720	50.01	5.443	1.679	13	0.29	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0175	54.00	0.0000	50.01	5.443	1.679	13	0.73	4%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	55.10	0.0000	50.01	5.443	1.679	13	0.93	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0208	56.50	5.000	50.01	5.443	1.679	13	1.19	6%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	89.10	0.4000	50.01	5.443	1.679	13	7.18	39%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	46.45	12.70	50.01	5.443	1.679	13	-0.65	4%	1
022.32	Copper, AAS, Open vessel (ppm)	0038	51.45	2.900				2			0
022.32	Copper, AAS, Open vessel (ppm)	2128	53.75	2.139				2			0
022.33	Copper, AAS, Microwave (ppm)	0010	55.60	0.8000				2			0
022.33	Copper, AAS, Microwave (ppm)	0948	55.95	1.288				2			0
022.34	Copper, AAS, Graphite furnace (ppm)	2246	30.36	0.0400				1			0
022.41	Copper, ICP, Dry ash (ppm)	0848	33.08	0.0000	48.57	7.214	2.421	24	-2.15	16%	0
022.41	Copper, ICP, Dry ash (ppm)	2012	37.00	2.870	48.57	7.214	2.421	24	-1.60	12%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	40.62	1.250	48.57	7.214	2.421	24	-1.10	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	41.50	5.000	48.57	7.214	2.421	24	-0.98	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0511	42.50	5.000	48.57	7.214	2.421	24	-0.84	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	42.93	2.120	48.57	7.214	2.421	24	-0.78	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	45.00	0.9000	48.57	7.214	2.421	24	-0.49	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	45.02	6.800	48.57	7.214	2.421	24	-0.49	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	
022.41	Copper, ICP, Dry ash (ppm)	0619	46.30	0.2000	48.57	7.214	2.421	24	-0.31	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	46.64	0.1400	48.57	7.214	2.421	24	-0.27	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	46.99	2.070	48.57	7.214	2.421	24	-0.22	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	47.58	3.190	48.57	7.214	2.421	24	-0.14	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0003	48.50	5.000	48.57	7.214	2.421	24	-0.01	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	48.80	0.6800	48.57	7.214	2.421	24	0.03	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0878	50.00	2.000	48.57	7.214	2.421	24	0.20	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	51.43	0.5300	48.57	7.214	2.421	24	0.40	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	52.50	3.000	48.57	7.214	2.421	24	0.54	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0208	53.43	2.440	48.57	7.214	2.421	24	0.67	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0074	54.00	0.0000	48.57	7.214	2.421	24	0.75	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	54.86	3.185	48.57	7.214	2.421	24	0.87	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0405	55.51	0.8700	48.57	7.214	2.421	24	0.96	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0720	57.30	3.860	48.57	7.214	2.421	24	1.21	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	60.75	0.3000	48.57	7.214	2.421	24	1.69	13%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	66.27	6.690	48.57	7.214	2.421	24	2.45	18%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	51.00	0.1000	57.74	4.220	1.867	18	-1.60	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	51.63	0.6700	57.74	4.220	1.867	18	-1.45	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	53.55	0.2360	57.74	4.220	1.867	18	-0.99	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	54.14	1.560	57.74	4.220	1.867	18	-0.85	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0026	55.21	0.8080	57.74	4.220	1.867	18	-0.60	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	55.50	1.000	57.74	4.220	1.867	18	-0.53	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	56.15	1.300	57.74	4.220	1.867	18	-0.38	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0560	56.70	1.800	57.74	4.220	1.867	18	-0.25	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	57.75	1.100	57.74	4.220	1.867	18	0.00	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0096	58.05	0.7240	57.74	4.220	1.867	18	0.07	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	58.35	0.5000	57.74	4.220	1.867	18	0.14	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	60.13	0.1900	57.74	4.220	1.867	18	0.57	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	60.59	0.3000	57.74	4.220	1.867	18	0.68	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	61.00	0.0000	57.74	4.220	1.867	18	0.77	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	61.14	0.8138	57.74	4.220	1.867	18	0.80	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	61.95	0.5000	57.74	4.220	1.867	18	1.00	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	62.00	2.000	57.74	4.220	1.867	18	1.01	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	65.00	20.00	57.74	4.220	1.867	18	1.72	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	63.00	24.00	57.74	4.220	1.867	18	1.25	5%	1
022.43	Copper, ICP, Microwave (ppm)	2089	51.27	1.240	55.68	4.325	1.559	18	-1.02	4%	0
022.43	Copper, ICP, Microwave (ppm)	0505	51.53	0.2800	55.68	4.325	1.559	18	-0.96	4%	0
022.43	Copper, ICP, Microwave (ppm)	0033	51.75	1.300	55.68	4.325	1.559	18	-0.91	4%	0
022.43	Copper, ICP, Microwave (ppm)	0202	52.31	2.300	55.68	4.325	1.559	18	-0.78	3%	0
022.43	Copper, ICP, Microwave (ppm)	0169	52.45	0.5000	55.68	4.325	1.559	18	-0.75	3%	0
022.43	Copper, ICP, Microwave (ppm)	0345	53.04	0.2800	55.68	4.325	1.559	18	-0.61	2%	0
022.43	Copper, ICP, Microwave (ppm)	0510	53.50	1.000	55.68	4.325	1.559	18	-0.50	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	
022.43	Copper, ICP, Microwave (ppm)	0353	54.00	2.000	55.68	4.325	1.559	18	-0.39	2%	0
022.43	Copper, ICP, Microwave (ppm)	0968	54.50	1.000	55.68	4.325	1.559	18	-0.27	1%	0
022.43	Copper, ICP, Microwave (ppm)	0098	54.78	2.160	55.68	4.325	1.559	18	-0.21	1%	0
022.43	Copper, ICP, Microwave (ppm)	0017	54.87	1.218	55.68	4.325	1.559	18	-0.19	1%	0
022.43	Copper, ICP, Microwave (ppm)	0035	56.50	3.000	55.68	4.325	1.559	18	0.19	1%	0
022.43	Copper, ICP, Microwave (ppm)	0682	57.20	0.0000	55.68	4.325	1.559	18	0.35	1%	0
022.43	Copper, ICP, Microwave (ppm)	0512	57.55	2.510	55.68	4.325	1.559	18	0.43	2%	0
022.43	Copper, ICP, Microwave (ppm)	0083	60.50	1.000	55.68	4.325	1.559	18	1.11	4%	0
022.43	Copper, ICP, Microwave (ppm)	0407	62.87	5.416	55.68	4.325	1.559	18	1.66	6%	0
022.43	Copper, ICP, Microwave (ppm)	0027	62.98	1.003	55.68	4.325	1.559	18	1.69	7%	0
022.43	Copper, ICP, Microwave (ppm)	0675	67.30	1.860	55.68	4.325	1.559	18	2.69	10%	0
022.44	Copper, ICP, Dry ash (ppm)	0955	44.30	4.000	50.26	4.845	2.748	5			0
022.44	Copper, ICP, Dry ash (ppm)	0164	48.00	0.0000	50.26	4.845	2.748	5			0
022.44	Copper, ICP, Dry ash (ppm)	0039	49.00	4.620	50.26	4.845	2.748	5			0
022.44	Copper, ICP, Dry ash (ppm)	0066	53.13	1.020	50.26	4.845	2.748	5			0
022.44	Copper, ICP, Dry ash (ppm)	0160	56.85	4.100	50.26	4.845	2.748	5			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0016	50.10	1.200				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	52.25	3.320				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	54.15	0.1000				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	52.05	2.100				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	52.39	0.0300				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	53.05	1.900				3			0
022.99	Copper, Miscellaneous (ppm)	0590	45.10	0.6000	52.00	6.195	1.533	4			0
022.99	Copper, Miscellaneous (ppm)	2129	48.92	1.530	52.00	6.195	1.533	4			0
022.99	Copper, Miscellaneous (ppm)	0100	55.00	4.000	52.00	6.195	1.533	4			0
022.99	Copper, Miscellaneous (ppm)	0242	59.00	0.0000	52.00	6.195	1.533	4			0
025.31	Iron, AAS, Dry ash (ppm)	2188	660.5	7.000	1,285	218.0	38.47	19	-2.86	24%	0
025.31	Iron, AAS, Dry ash (ppm)	2248	931.3	0.0000	1,285	218.0	38.47	19	-1.62	14%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	1,012	48.10	1,285	218.0	38.47	19	-1.25	11%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	1,099	85.00	1,285	218.0	38.47	19	-0.85	7%	0
025.31	Iron, AAS, Dry ash (ppm)	2246	1,149	2.000	1,285	218.0	38.47	19	-0.62	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	1,191	14.00	1,285	218.0	38.47	19	-0.43	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0874	1,220	20.00	1,285	218.0	38.47	19	-0.30	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0505	1,247	15.00	1,285	218.0	38.47	19	-0.18	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	1,258	68.25	1,285	218.0	38.47	19	-0.13	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	1,278	104.0	1,285	218.0	38.47	19	-0.03	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	1,297	30.64	1,285	218.0	38.47	19	0.06	0%	0
025.31	Iron, AAS, Dry ash (ppm)	2097	1,362	4.330	1,285	218.0	38.47	19	0.35	3%	0
025.31	Iron, AAS, Dry ash (ppm)	2022	1,385	38.95	1,285	218.0	38.47	19	0.46	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0868	1,424	27.00	1,285	218.0	38.47	19	0.64	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0175	1,450	100.0	1,285	218.0	38.47	19	0.76	6%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	1,493	0.0000	1,285	218.0	38.47	19	0.95	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			
025.31	Iron, AAS, Dry ash (ppm)	0884	1,523	11.70	1,285	218.0	38.47	19	1.09	9%	0
025.31	Iron, AAS, Dry ash (ppm)	0208	1,555	90.00	1,285	218.0	38.47	19	1.24	11%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	1,556	65.00	1,285	218.0	38.47	19	1.24	11%	0
025.32	Iron, AAS, Open vessel (ppm)	2128	385.4	257.4				1			0
025.41	Iron, ICP, Dry ash (ppm)	0405	745.7	6.200	1,263	148.3	31.94	27	-3.49	20%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	914.5	5.000	1,263	148.3	31.94	27	-2.35	14%	0
025.41	Iron, ICP, Dry ash (ppm)	0039	1,038	52.10	1,263	148.3	31.94	27	-1.52	9%	0
025.41	Iron, ICP, Dry ash (ppm)	2012	1,084	18.24	1,263	148.3	31.94	27	-1.21	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0955	1,105	91.00	1,263	148.3	31.94	27	-1.07	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0123	1,116	4.000	1,263	148.3	31.94	27	-0.99	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0720	1,177	32.00	1,263	148.3	31.94	27	-0.58	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	1,185	65.00	1,263	148.3	31.94	27	-0.53	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	1,197	0.7400	1,263	148.3	31.94	27	-0.44	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	1,227	23.14	1,263	148.3	31.94	27	-0.24	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0511	1,253	50.00	1,263	148.3	31.94	27	-0.07	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	1,258	38.00	1,263	148.3	31.94	27	-0.03	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	1,259	92.54	1,263	148.3	31.94	27	-0.03	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	1,259	5.679	1,263	148.3	31.94	27	-0.02	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	1,261	9.000	1,263	148.3	31.94	27	-0.02	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	1,320	31.57	1,263	148.3	31.94	27	0.39	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0878	1,335	12.00	1,263	148.3	31.94	27	0.49	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0208	1,349	26.00	1,263	148.3	31.94	27	0.58	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	1,350	91.00	1,263	148.3	31.94	27	0.58	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	1,367	17.00	1,263	148.3	31.94	27	0.70	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	1,368	9.000	1,263	148.3	31.94	27	0.71	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	1,370	20.00	1,263	148.3	31.94	27	0.72	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	1,388	40.40	1,263	148.3	31.94	27	0.84	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	1,406	5.000	1,263	148.3	31.94	27	0.96	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	1,421	12.64	1,263	148.3	31.94	27	1.07	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	1,440	40.00	1,263	148.3	31.94	27	1.19	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0074	1,498	65.00	1,263	148.3	31.94	27	1.58	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0003	1,121	223.0	1,263	148.3	31.94	27	-0.96	6%	1
025.42	Iron, ICP, Open vessel (ppm)	0560	372.7	32.90	906.8	377.3	41.39	14	-1.42	29%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	432.0	58.00	906.8	377.3	41.39	14	-1.26	26%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	440.0	62.00	906.8	377.3	41.39	14	-1.24	26%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	561.2	25.90	906.8	377.3	41.39	14	-0.92	19%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	748.0	39.00	906.8	377.3	41.39	14	-0.42	9%	0
025.42	Iron, ICP, Open vessel (ppm)	0096	985.7	11.92	906.8	377.3	41.39	14	0.21	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	1,004	132.0	906.8	377.3	41.39	14	0.26	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	1,041	46.00	906.8	377.3	41.39	14	0.36	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	1,060	0.0000	906.8	377.3	41.39	14	0.41	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0026	1,117	37.59	906.8	377.3	41.39	14	0.56	12%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.42	Iron, ICP, Open vessel (ppm)	0693	1,123	33.10	906.8	377.3	41.39	14	0.57	12%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	1,165	57.93	906.8	377.3	41.39	14	0.69	14%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	1,273	26.00	906.8	377.3	41.39	14	0.97	20%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	1,372	17.10	906.8	377.3	41.39	14	1.23	26%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	875.5	249.0	906.8	377.3	41.39	14	-0.08	2%	1
025.43	Iron, ICP, Microwave (ppm)	0345	788.0	18.00	1,269	158.4	50.54	19	-3.04	19%	0
025.43	Iron, ICP, Microwave (ppm)	2089	1,078	21.00	1,269	158.4	50.54	19	-1.21	8%	0
025.43	Iron, ICP, Microwave (ppm)	0425	1,084	0.0000	1,269	158.4	50.54	19	-1.17	7%	0
025.43	Iron, ICP, Microwave (ppm)	0968	1,099	39.00	1,269	158.4	50.54	19	-1.08	7%	0
025.43	Iron, ICP, Microwave (ppm)	0083	1,176	67.00	1,269	158.4	50.54	19	-0.59	4%	0
025.43	Iron, ICP, Microwave (ppm)	0675	1,189	8.180	1,269	158.4	50.54	19	-0.50	3%	0
025.43	Iron, ICP, Microwave (ppm)	0169	1,215	50.00	1,269	158.4	50.54	19	-0.34	2%	0
025.43	Iron, ICP, Microwave (ppm)	0038	1,244	66.00	1,269	158.4	50.54	19	-0.16	1%	0
025.43	Iron, ICP, Microwave (ppm)	0017	1,246	194.5	1,269	158.4	50.54	19	-0.14	1%	0
025.43	Iron, ICP, Microwave (ppm)	0353	1,280	16.00	1,269	158.4	50.54	19	0.07	0%	0
025.43	Iron, ICP, Microwave (ppm)	0033	1,285	70.00	1,269	158.4	50.54	19	0.10	1%	0
025.43	Iron, ICP, Microwave (ppm)	0035	1,310	40.00	1,269	158.4	50.54	19	0.26	2%	0
025.43	Iron, ICP, Microwave (ppm)	0682	1,336	0.0000	1,269	158.4	50.54	19	0.42	3%	0
025.43	Iron, ICP, Microwave (ppm)	0098	1,343	99.00	1,269	158.4	50.54	19	0.46	3%	0
025.43	Iron, ICP, Microwave (ppm)	0510	1,370	20.00	1,269	158.4	50.54	19	0.64	4%	0
025.43	Iron, ICP, Microwave (ppm)	0027	1,371	85.23	1,269	158.4	50.54	19	0.64	4%	0
025.43	Iron, ICP, Microwave (ppm)	2192	1,443	37.41	1,269	158.4	50.54	19	1.10	7%	0
025.43	Iron, ICP, Microwave (ppm)	0407	1,525	119.9	1,269	158.4	50.54	19	1.61	10%	0
025.43	Iron, ICP, Microwave (ppm)	0512	1,529	9.000	1,269	158.4	50.54	19	1.64	10%	0
025.52	Iron, ICP-MS, Open vessel (ppm)	0016	648.5	43.00				3			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	962.3	4.340				3			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	1,142	212.2				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	1,359	15.00				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	1,410	60.00				2			0
025.99	Iron, Miscellaneous (ppm)	2129	1,055	116.5				3			0
025.99	Iron, Miscellaneous (ppm)	0100	1,073	24.00				3			0
025.99	Iron, Miscellaneous (ppm)	0242	1,098	75.00				3			0
025.99	Iron, Miscellaneous (ppm)	2144	1,364	51.41				3			2
027.31	Magnesium, AAS, Dry ash (%)	2248	0.3260	0.0000	0.4036	0.0226	0.0072	17	-3.44	10%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.3500	0.0000	0.4036	0.0226	0.0072	17	-2.37	7%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.3797	0.0300	0.4036	0.0226	0.0072	17	-1.06	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.3900	0.0200	0.4036	0.0226	0.0072	17	-0.60	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.3965	0.0090	0.4036	0.0226	0.0072	17	-0.31	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.3965	0.0170	0.4036	0.0226	0.0072	17	-0.31	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.3990	0.0012	0.4036	0.0226	0.0072	17	-0.20	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.4000	0.0000	0.4036	0.0226	0.0072	17	-0.16	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.4000	0.0000	0.4036	0.0226	0.0072	17	-0.16	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	
027.31	Magnesium, AAS, Dry ash (%)	0536	0.4050	0.0100	0.4036	0.0226	0.0072	17	0.06	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.4092	0.0035	0.4036	0.0226	0.0072	17	0.25	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.4150	0.0100	0.4036	0.0226	0.0072	17	0.51	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.4159	0.0050	0.4036	0.0226	0.0072	17	0.55	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.4200	0.0060	0.4036	0.0226	0.0072	17	0.73	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.4200	0.0000	0.4036	0.0226	0.0072	17	0.73	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.4450	0.0100	0.4036	0.0226	0.0072	17	1.83	5%	0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.6700	0.0000	0.4036	0.0226	0.0072	17	11.80	33%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.4250	0.0300				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.4075	0.0010				3			0
027.33	Magnesium, AAS, Microwave (%)	0010	0.4250	0.0100				3			0
027.33	Magnesium, AAS, Microwave (%)	2178	0.4594	0.0263				3			0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.3800	0.0000	0.4102	0.0244	0.0077	25	-1.24	4%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.3800	0.0000	0.4102	0.0244	0.0077	25	-1.24	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.3874	0.0136	0.4102	0.0244	0.0077	25	-0.93	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.3894	0.0007	0.4102	0.0244	0.0077	25	-0.85	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.3900	0.0200	0.4102	0.0244	0.0077	25	-0.83	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.3900	0.0200	0.4102	0.0244	0.0077	25	-0.83	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.3925	0.0010	0.4102	0.0244	0.0077	25	-0.72	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.3950	0.0100	0.4102	0.0244	0.0077	25	-0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.3950	0.0100	0.4102	0.0244	0.0077	25	-0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.4000	0.0000	0.4102	0.0244	0.0077	25	-0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.4000	0.0200	0.4102	0.0244	0.0077	25	-0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.4050	0.0100	0.4102	0.0244	0.0077	25	-0.21	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.4100	0.0000	0.4102	0.0244	0.0077	25	-0.01	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.4100	0.0200	0.4102	0.0244	0.0077	25	-0.01	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.4120	0.0080	0.4102	0.0244	0.0077	25	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.4135	0.0050	0.4102	0.0244	0.0077	25	0.14	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.4145	0.0070	0.4102	0.0244	0.0077	25	0.18	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.4200	0.0000	0.4102	0.0244	0.0077	25	0.40	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.4200	0.0034	0.4102	0.0244	0.0077	25	0.40	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.4280	0.0000	0.4102	0.0244	0.0077	25	0.73	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.4350	0.0100	0.4102	0.0244	0.0077	25	1.02	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.4500	0.0200	0.4102	0.0244	0.0077	25	1.63	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.4550	0.0100	0.4102	0.0244	0.0077	25	1.84	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.4575	0.0030	0.4102	0.0244	0.0077	25	1.94	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.5040	0.0020	0.4102	0.0244	0.0077	25	3.84	11%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.2950	0.0100	0.4063	0.0234	0.0152	20	-4.75	14%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.3530	0.0520	0.4063	0.0234	0.0152	20	-2.27	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.3855	0.0055	0.4063	0.0234	0.0152	20	-0.89	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.3900	0.0200	0.4063	0.0234	0.0152	20	-0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.3900	0.0400	0.4063	0.0234	0.0152	20	-0.70	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.42	Magnesium, ICP, Open vessel (%)	0870	0.3915	0.0165	0.4063	0.0234	0.0152	20	-0.63	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0096	0.3920	0.0200	0.4063	0.0234	0.0152	20	-0.61	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.3950	0.0100	0.4063	0.0234	0.0152	20	-0.48	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.3950	0.0100	0.4063	0.0234	0.0152	20	-0.48	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.4090	0.0120	0.4063	0.0234	0.0152	20	0.11	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.4096	0.0020	0.4063	0.0234	0.0152	20	0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.4100	0.0260	0.4063	0.0234	0.0152	20	0.16	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.4150	0.0100	0.4063	0.0234	0.0152	20	0.37	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.4200	0.0020	0.4063	0.0234	0.0152	20	0.58	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.4240	0.0060	0.4063	0.0234	0.0152	20	0.75	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.4250	0.0100	0.4063	0.0234	0.0152	20	0.80	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.4262	0.0002	0.4063	0.0234	0.0152	20	0.85	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.4272	0.0359	0.4063	0.0234	0.0152	20	0.89	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.4375	0.0090	0.4063	0.0234	0.0152	20	1.33	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.4530	0.0060	0.4063	0.0234	0.0152	20	1.99	6%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.1853	0.0031	0.4168	0.0222	0.0080	20	-10.43	28%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.3600	0.0000	0.4168	0.0222	0.0080	20	-2.56	7%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.3960	0.0020	0.4168	0.0222	0.0080	20	-0.94	2%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.3990	0.0031	0.4168	0.0222	0.0080	20	-0.80	2%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.4000	0.0140	0.4168	0.0222	0.0080	20	-0.76	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.4050	0.0100	0.4168	0.0222	0.0080	20	-0.53	1%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.4075	0.0030	0.4168	0.0222	0.0080	20	-0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.4100	0.0000	0.4168	0.0222	0.0080	20	-0.31	1%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.4100	0.0200	0.4168	0.0222	0.0080	20	-0.31	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.4100	0.0200	0.4168	0.0222	0.0080	20	-0.31	1%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.4105	0.0010	0.4168	0.0222	0.0080	20	-0.28	1%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.4250	0.0100	0.4168	0.0222	0.0080	20	0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.4250	0.0100	0.4168	0.0222	0.0080	20	0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.4300	0.0200	0.4168	0.0222	0.0080	20	0.59	2%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.4375	0.0070	0.4168	0.0222	0.0080	20	0.93	2%	0
027.43	Magnesium, ICP, Microwave (%)	0512	0.4387	0.0059	0.4168	0.0222	0.0080	20	0.98	3%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.4400	0.0000	0.4168	0.0222	0.0080	20	1.05	3%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.4400	0.0200	0.4168	0.0222	0.0080	20	1.05	3%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.4400	0.0000	0.4168	0.0222	0.0080	20	1.05	3%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.4450	0.0100	0.4168	0.0222	0.0080	20	1.27	3%	0
027.43	Magnesium, ICP, Microwave (%)	0345	2.402	3.993	0.4168	0.0222	0.0080	20	89.42	238%	2
027.44	Magnesium, ICP, Dry ash (%)	0955	0.3755	0.0070	0.4161	0.0291	0.0238	4			0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.4150	0.0060	0.4161	0.0291	0.0238	4			0
027.44	Magnesium, ICP, Dry ash (%)	0160	0.4350	0.0300	0.4161	0.0291	0.0238	4			0
027.44	Magnesium, ICP, Dry ash (%)	0039	0.4390	0.0520	0.4161	0.0291	0.0238	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0016	0.3870	0.0080				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.4048	0.0019				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			
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.4085	0.0070				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	3.325	0.1100				3			2
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.3940	0.0080				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.4145	0.0050				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.4900	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.4150	0.0100				3			0
027.99	Magnesium, Miscellaneous (%)	0590	0.4300	0.0400				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.4500	0.0000				3			0
028.31	Manganese, AAS, Dry ash (ppm)	0689	358.1	9.200	462.1	48.34	7.156	15	-2.15	11%	0
028.31	Manganese, AAS, Dry ash (ppm)	2248	392.5	0.0000	462.1	48.34	7.156	15	-1.44	8%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	402.5	3.000	462.1	48.34	7.156	15	-1.23	6%	0
028.31	Manganese, AAS, Dry ash (ppm)	2097	421.4	1.380	462.1	48.34	7.156	15	-0.84	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	452.9	22.20	462.1	48.34	7.156	15	-0.19	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2022	457.7	0.7100	462.1	48.34	7.156	15	-0.09	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	467.0	0.0000	462.1	48.34	7.156	15	0.10	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0536	476.8	21.45	462.1	48.34	7.156	15	0.30	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	480.5	13.90	462.1	48.34	7.156	15	0.38	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	480.9	0.0000	462.1	48.34	7.156	15	0.39	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	485.1	0.5000	462.1	48.34	7.156	15	0.48	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0175	493.0	10.00	462.1	48.34	7.156	15	0.64	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0868	498.5	9.000	462.1	48.34	7.156	15	0.75	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	503.0	6.000	462.1	48.34	7.156	15	0.85	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0208	530.0	10.00	462.1	48.34	7.156	15	1.40	7%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	462.0	12.00				2			0
028.32	Manganese, AAS, Open vessel (ppm)	2128	470.1	27.44				2			0
028.33	Manganese, AAS, Microwave (ppm)	0948	456.6	23.82				1			0
028.34	Manganese, AAS, Dry ash (ppm)	2246	318.5	1.000				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0720	409.5	17.05	466.4	33.40	10.79	22	-1.71	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	414.2	29.31	466.4	33.40	10.79	22	-1.56	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	420.0	2.000	466.4	33.40	10.79	22	-1.39	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	439.1	0.3900	466.4	33.40	10.79	22	-0.82	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	443.5	1.000	466.4	33.40	10.79	22	-0.69	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0511	444.5	1.000	466.4	33.40	10.79	22	-0.66	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	448.2	6.080	466.4	33.40	10.79	22	-0.55	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0405	461.1	11.50	466.4	33.40	10.79	22	-0.16	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	462.8	23.16	466.4	33.40	10.79	22	-0.11	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0003	466.0	8.000	466.4	33.40	10.79	22	-0.01	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	466.0	10.00	466.4	33.40	10.79	22	-0.01	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0208	468.9	12.20	466.4	33.40	10.79	22	0.07	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0878	471.0	6.000	466.4	33.40	10.79	22	0.14	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	2012	472.5	0.2100	466.4	33.40	10.79	22	0.18	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	475.8	31.90	466.4	33.40	10.79	22	0.28	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (ppm)	0229	476.5	32.10	466.4	33.40	10.79	22	0.30	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0074	477.0	4.000	466.4	33.40	10.79	22	0.32	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	496.7	4.540	466.4	33.40	10.79	22	0.91	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	504.4	1.400	466.4	33.40	10.79	22	1.14	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	507.1	4.200	466.4	33.40	10.79	22	1.22	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	514.0	30.00	466.4	33.40	10.79	22	1.42	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	514.1	1.450	466.4	33.40	10.79	22	1.43	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	512.8	98.70	466.4	33.40	10.79	22	1.39	5%	1
028.42	Manganese, ICP, Open vessel (ppm)	0685	379.8	0.2000	493.3	27.32	25.43	19	-4.15	12%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	440.9	9.540	493.3	27.32	25.43	19	-1.92	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	468.0	2.000	493.3	27.32	25.43	19	-0.93	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	474.0	8.000	493.3	27.32	25.43	19	-0.71	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	475.3	0.4650	493.3	27.32	25.43	19	-0.66	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0026	482.6	54.94	493.3	27.32	25.43	19	-0.39	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	484.5	23.00	493.3	27.32	25.43	19	-0.32	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	488.0	36.00	493.3	27.32	25.43	19	-0.19	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	488.5	61.00	493.3	27.32	25.43	19	-0.18	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0096	490.3	46.44	493.3	27.32	25.43	19	-0.11	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	492.8	20.50	493.3	27.32	25.43	19	-0.02	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	501.0	46.00	493.3	27.32	25.43	19	0.28	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	503.4	62.72	493.3	27.32	25.43	19	0.37	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	504.3	5.660	493.3	27.32	25.43	19	0.40	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0560	506.9	1.500	493.3	27.32	25.43	19	0.50	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	508.5	89.00	493.3	27.32	25.43	19	0.56	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	532.5	13.00	493.3	27.32	25.43	19	1.44	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	533.1	2.400	493.3	27.32	25.43	19	1.46	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	542.8	0.9000	493.3	27.32	25.43	19	1.81	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	427.0	8.000	490.4	33.51	16.58	20	-1.89	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	449.5	1.000	490.4	33.51	16.58	20	-1.22	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	457.3	26.50	490.4	33.51	16.58	20	-0.99	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	459.0	11.63	490.4	33.51	16.58	20	-0.94	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	461.5	15.00	490.4	33.51	16.58	20	-0.86	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	469.0	34.00	490.4	33.51	16.58	20	-0.64	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	480.0	18.00	490.4	33.51	16.58	20	-0.31	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	480.3	0.0000	490.4	33.51	16.58	20	-0.30	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	481.5	1.000	490.4	33.51	16.58	20	-0.26	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	492.4	0.0000	490.4	33.51	16.58	20	0.06	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	493.0	35.00	490.4	33.51	16.58	20	0.08	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	493.3	34.63	490.4	33.51	16.58	20	0.09	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	498.5	1.000	490.4	33.51	16.58	20	0.24	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	499.5	21.00	490.4	33.51	16.58	20	0.27	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	507.5	5.000	490.4	33.51	16.58	20	0.51	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.43	Manganese, ICP, Microwave (ppm)	0407	507.6	9.604	490.4	33.51	16.58	20	0.51	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0512	521.9	27.50	490.4	33.51	16.58	20	0.94	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	534.3	5.380	490.4	33.51	16.58	20	1.31	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	550.1	47.87	490.4	33.51	16.58	20	1.78	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	565.8	29.40	490.4	33.51	16.58	20	2.25	8%	0
028.44	Manganese, ICP, Dry ash (ppm)	0955	440.0	10.00	443.6	3.014	23.13	4			0
028.44	Manganese, ICP, Dry ash (ppm)	0066	443.4	6.420	443.6	3.014	23.13	4			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	443.5	29.00	443.6	3.014	23.13	4			0
028.44	Manganese, ICP, Dry ash (ppm)	0039	447.4	47.11	443.6	3.014	23.13	4			0
028.44	Manganese, ICP, Dry ash (ppm)	0160	537.5	15.00	443.6	3.014	23.13	4			2
028.52	Manganese, ICP-MS, Open vessel (ppm)	0016	464.5	29.00				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	479.0	35.80				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	487.0	6.000				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	488.0	54.00				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	491.5	41.00				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	503.0	30.00				3			0
028.99	Manganese, Miscellaneous (ppm)	0590	468.0	28.00	492.5	18.47	21.33	5			0
028.99	Manganese, Miscellaneous (ppm)	2144	478.5	8.660	492.5	18.47	21.33	5			0
028.99	Manganese, Miscellaneous (ppm)	0242	498.5	9.000	492.5	18.47	21.33	5			0
028.99	Manganese, Miscellaneous (ppm)	2129	506.3	57.00	492.5	18.47	21.33	5			0
028.99	Manganese, Miscellaneous (ppm)	0100	511.0	4.000	492.5	18.47	21.33	5			0
031.00	Phosphorus, Vol (%)	0893	1.310	0.0200				1			0
031.01	Phosphorus, Photometric (%)	0108	0.8500	0.1000	1.229	0.0536	0.0205	42	-7.07	15%	0
031.01	Phosphorus, Photometric (%)	0511	1.075	0.0100	1.229	0.0536	0.0205	42	-2.87	6%	0
031.01	Phosphorus, Photometric (%)	2128	1.124	0.0680	1.229	0.0536	0.0205	42	-1.96	4%	0
031.01	Phosphorus, Photometric (%)	2192	1.160	0.0200	1.229	0.0536	0.0205	42	-1.29	3%	0
031.01	Phosphorus, Photometric (%)	0874	1.162	0.0900	1.229	0.0536	0.0205	42	-1.25	3%	0
031.01	Phosphorus, Photometric (%)	0689	1.165	0.0100	1.229	0.0536	0.0205	42	-1.20	3%	0
031.01	Phosphorus, Photometric (%)	0142	1.182	0.0101	1.229	0.0536	0.0205	42	-0.87	2%	0
031.01	Phosphorus, Photometric (%)	0175	1.185	0.0300	1.229	0.0536	0.0205	42	-0.82	2%	0
031.01	Phosphorus, Photometric (%)	2062	1.186	0.0002	1.229	0.0536	0.0205	42	-0.80	2%	0
031.01	Phosphorus, Photometric (%)	2248	1.188	0.0340	1.229	0.0536	0.0205	42	-0.77	2%	0
031.01	Phosphorus, Photometric (%)	2009	1.194	0.0002	1.229	0.0536	0.0205	42	-0.66	1%	0
031.01	Phosphorus, Photometric (%)	0674	1.210	0.0000	1.229	0.0536	0.0205	42	-0.36	1%	0
031.01	Phosphorus, Photometric (%)	2146	1.210	0.0200	1.229	0.0536	0.0205	42	-0.36	1%	0
031.01	Phosphorus, Photometric (%)	2246	1.210	0.0000	1.229	0.0536	0.0205	42	-0.36	1%	0
031.01	Phosphorus, Photometric (%)	2253	1.210	0.0400	1.229	0.0536	0.0205	42	-0.36	1%	0
031.01	Phosphorus, Photometric (%)	0208	1.214	0.0070	1.229	0.0536	0.0205	42	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	0939	1.220	0.0400	1.229	0.0536	0.0205	42	-0.17	0%	0
031.01	Phosphorus, Photometric (%)	0881	1.222	0.0110	1.229	0.0536	0.0205	42	-0.14	0%	0
031.01	Phosphorus, Photometric (%)	0563	1.225	0.0135	1.229	0.0536	0.0205	42	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	0897	1.225	0.0100	1.229	0.0536	0.0205	42	-0.08	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	2190	1.229	0.0203	1.229	0.0536	0.0205	42	0.01	0%	0
031.01	Phosphorus, Photometric (%)	0529	1.230	0.0400	1.229	0.0536	0.0205	42	0.02	0%	0
031.01	Phosphorus, Photometric (%)	0878	1.230	0.0200	1.229	0.0536	0.0205	42	0.02	0%	0
031.01	Phosphorus, Photometric (%)	2188	1.230	0.0000	1.229	0.0536	0.0205	42	0.02	0%	0
031.01	Phosphorus, Photometric (%)	0038	1.231	0.0035	1.229	0.0536	0.0205	42	0.03	0%	0
031.01	Phosphorus, Photometric (%)	2097	1.235	0.0076	1.229	0.0536	0.0205	42	0.11	0%	0
031.01	Phosphorus, Photometric (%)	2196	1.240	0.0000	1.229	0.0536	0.0205	42	0.20	0%	0
031.01	Phosphorus, Photometric (%)	0018	1.245	0.0100	1.229	0.0536	0.0205	42	0.30	1%	0
031.01	Phosphorus, Photometric (%)	0590	1.245	0.0100	1.229	0.0536	0.0205	42	0.30	1%	0
031.01	Phosphorus, Photometric (%)	0884	1.245	0.0100	1.229	0.0536	0.0205	42	0.30	1%	0
031.01	Phosphorus, Photometric (%)	0849	1.255	0.0100	1.229	0.0536	0.0205	42	0.48	1%	0
031.01	Phosphorus, Photometric (%)	2006	1.255	0.0220	1.229	0.0536	0.0205	42	0.48	1%	0
031.01	Phosphorus, Photometric (%)	0868	1.260	0.0000	1.229	0.0536	0.0205	42	0.58	1%	0
031.01	Phosphorus, Photometric (%)	2193	1.265	0.0100	1.229	0.0536	0.0205	42	0.67	1%	0
031.01	Phosphorus, Photometric (%)	2144	1.280	0.0200	1.229	0.0536	0.0205	42	0.95	2%	0
031.01	Phosphorus, Photometric (%)	0948	1.283	0.0090	1.229	0.0536	0.0205	42	1.00	2%	0
031.01	Phosphorus, Photometric (%)	0683	1.305	0.0100	1.229	0.0536	0.0205	42	1.41	3%	0
031.01	Phosphorus, Photometric (%)	0016	1.320	0.0200	1.229	0.0536	0.0205	42	1.69	4%	0
031.01	Phosphorus, Photometric (%)	2198	1.325	0.0100	1.229	0.0536	0.0205	42	1.79	4%	0
031.01	Phosphorus, Photometric (%)	2022	1.415	0.0100	1.229	0.0536	0.0205	42	3.47	8%	0
031.01	Phosphorus, Photometric (%)	2181	1.425	0.0300	1.229	0.0536	0.0205	42	3.65	8%	0
031.01	Phosphorus, Photometric (%)	2199	1.463	0.0750	1.229	0.0536	0.0205	42	4.35	9%	0
031.01	Phosphorus, Photometric (%)	0687	1.210	0.1200	1.229	0.0536	0.0205	42	-0.36	1%	1
031.01	Phosphorus, Photometric (%)	0194	2.235	0.0100	1.229	0.0536	0.0205	42	18.76	41%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	1.105	0.0100				1			0
031.03	Phosphorus, Autoanalyzer (%)	0169	1.225	0.0100				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	1.253	0.0165				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	1.267	0.0070				3			0
031.06	Phosphorus, Hach Method (%)	0536	1.175	0.0100				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0910	1.120	0.1000	1.229	0.0646	0.0364	28	-1.68	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	1.150	0.0800	1.229	0.0646	0.0364	28	-1.22	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	1.150	0.0000	1.229	0.0646	0.0364	28	-1.22	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.164	0.0130	1.229	0.0646	0.0364	28	-1.01	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	1.167	0.0430	1.229	0.0646	0.0364	28	-0.96	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	1.180	0.0600	1.229	0.0646	0.0364	28	-0.75	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	1.184	0.0130	1.229	0.0646	0.0364	28	-0.70	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	1.185	0.0100	1.229	0.0646	0.0364	28	-0.68	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	1.185	0.0100	1.229	0.0646	0.0364	28	-0.68	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	1.210	0.0200	1.229	0.0646	0.0364	28	-0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.210	0.0800	1.229	0.0646	0.0364	28	-0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.215	0.0300	1.229	0.0646	0.0364	28	-0.21	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.220	0.0000	1.229	0.0646	0.0364	28	-0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.41	Phosphorus, ICP, Dry ash (%)	0354	1.220	0.0400	1.229	0.0646	0.0364	28	-0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.224	0.0080	1.229	0.0646	0.0364	28	-0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	1.230	0.0000	1.229	0.0646	0.0364	28	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	1.235	0.0300	1.229	0.0646	0.0364	28	0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.240	0.0200	1.229	0.0646	0.0364	28	0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	1.242	0.0820	1.229	0.0646	0.0364	28	0.21	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.245	0.0400	1.229	0.0646	0.0364	28	0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.260	0.0600	1.229	0.0646	0.0364	28	0.48	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	1.280	0.0600	1.229	0.0646	0.0364	28	0.79	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.280	0.0800	1.229	0.0646	0.0364	28	0.79	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	1.310	0.0600	1.229	0.0646	0.0364	28	1.26	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.318	0.0380	1.229	0.0646	0.0364	28	1.38	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.319	0.0220	1.229	0.0646	0.0364	28	1.40	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.335	0.0100	1.229	0.0646	0.0364	28	1.65	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.345	0.0100	1.229	0.0646	0.0364	28	1.80	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.015	0.0100	1.198	0.0603	0.0317	18	-3.03	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	1.021	0.0591	1.198	0.0603	0.0317	18	-2.93	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.135	0.0017	1.198	0.0603	0.0317	18	-1.05	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	1.150	0.0000	1.198	0.0603	0.0317	18	-0.79	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	1.160	0.1000	1.198	0.0603	0.0317	18	-0.63	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.174	0.0050	1.198	0.0603	0.0317	18	-0.40	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	1.175	0.0700	1.198	0.0603	0.0317	18	-0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.190	0.0200	1.198	0.0603	0.0317	18	-0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	1.190	0.0600	1.198	0.0603	0.0317	18	-0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	1.215	0.0100	1.198	0.0603	0.0317	18	0.28	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	1.219	0.0320	1.198	0.0603	0.0317	18	0.35	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	1.219	0.0290	1.198	0.0603	0.0317	18	0.35	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	1.225	0.0120	1.198	0.0603	0.0317	18	0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	1.235	0.0100	1.198	0.0603	0.0317	18	0.61	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.240	0.1000	1.198	0.0603	0.0317	18	0.70	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.261	0.0010	1.198	0.0603	0.0317	18	1.04	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.273	0.0150	1.198	0.0603	0.0317	18	1.24	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0096	1.289	0.0360	1.198	0.0603	0.0317	18	1.51	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.300	0.3800	1.198	0.0603	0.0317	18	1.69	4%	1
031.43	Phosphorus, ICP, Microwave (%)	0038	1.146	0.0370	1.238	0.0599	0.0251	21	-1.54	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.158	0.0050	1.238	0.0599	0.0251	21	-1.34	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	1.160	0.0000	1.238	0.0599	0.0251	21	-1.30	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	1.170	0.0600	1.238	0.0599	0.0251	21	-1.13	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	1.180	0.0000	1.238	0.0599	0.0251	21	-0.96	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.205	0.0380	1.238	0.0599	0.0251	21	-0.55	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.216	0.0211	1.238	0.0599	0.0251	21	-0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	1.220	0.0000	1.238	0.0599	0.0251	21	-0.29	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			
031.43	Phosphorus, ICP, Microwave (%)	0675	1.230	0.0400	1.238	0.0599	0.0251	21	-0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	1.240	0.0520	1.238	0.0599	0.0251	21	0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	1.240	0.0200	1.238	0.0599	0.0251	21	0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	1.245	0.0100	1.238	0.0599	0.0251	21	0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	1.248	0.0200	1.238	0.0599	0.0251	21	0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	1.275	0.0700	1.238	0.0599	0.0251	21	0.62	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0512	1.275	0.0680	1.238	0.0599	0.0251	21	0.62	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.278	0.0030	1.238	0.0599	0.0251	21	0.66	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.288	0.0420	1.238	0.0599	0.0251	21	0.84	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	1.288	0.0010	1.238	0.0599	0.0251	21	0.85	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.300	0.0400	1.238	0.0599	0.0251	21	1.04	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.300	0.0000	1.238	0.0599	0.0251	21	1.04	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	1.360	0.0000	1.238	0.0599	0.0251	21	2.04	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.6046	0.0093	1.238	0.0599	0.0251	21	-10.57	26%	2
031.44	Phosphorus, ICP, Dry ash (%)	0955	1.125	0.0300	1.200	0.0532	0.0194	5			0
031.44	Phosphorus, ICP, Dry ash (%)	0160	1.180	0.0200	1.200	0.0532	0.0194	5			0
031.44	Phosphorus, ICP, Dry ash (%)	0066	1.195	0.0360	1.200	0.0532	0.0194	5			0
031.44	Phosphorus, ICP, Dry ash (%)	0653	1.233	0.0010	1.200	0.0532	0.0194	5			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	1.265	0.0100	1.200	0.0532	0.0194	5			0
031.44	Phosphorus, ICP, Dry ash (%)	0039	1.385	0.1700	1.200	0.0532	0.0194	5			1
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	1.107	0.0078				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	1.230	0.0000				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	1.205	0.1300				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	1.230	0.0200				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.300	0.0800				3			0
031.99	Phosphorus, Miscellaneous (%)	0300	1.100	0.0600	1.154	0.0626	0.0475	4			0
031.99	Phosphorus, Miscellaneous (%)	0676	1.105	0.0900	1.154	0.0626	0.0475	4			0
031.99	Phosphorus, Miscellaneous (%)	0100	1.180	0.0000	1.154	0.0626	0.0475	4			0
031.99	Phosphorus, Miscellaneous (%)	0242	1.230	0.0400	1.154	0.0626	0.0475	4			0
032.02	Potassium, Flame Emission (%)	0884	1.540	0.0000				1			0
032.31	Potassium, AAS, Dry ash (%)	2022	1.580	0.0400	1.698	0.0675	0.0423	13	-1.75	3%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.605	0.0500	1.698	0.0675	0.0423	13	-1.38	3%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.655	0.0220	1.698	0.0675	0.0423	13	-0.64	1%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.680	0.1400	1.698	0.0675	0.0423	13	-0.27	1%	0
032.31	Potassium, AAS, Dry ash (%)	2097	1.681	0.0089	1.698	0.0675	0.0423	13	-0.26	1%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.685	0.0100	1.698	0.0675	0.0423	13	-0.19	0%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.694	0.0220	1.698	0.0675	0.0423	13	-0.06	0%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.700	0.0000	1.698	0.0675	0.0423	13	0.03	0%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.720	0.0400	1.698	0.0675	0.0423	13	0.33	1%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.732	0.0443	1.698	0.0675	0.0423	13	0.50	1%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.745	0.0300	1.698	0.0675	0.0423	13	0.70	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.782	0.0422	1.698	0.0675	0.0423	13	1.24	2%	0

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032.31	Potassium, AAS, Dry ash (%)	0874	2.360	0.1000	1.698	0.0675	0.0423	13	9.81	19%	0
032.32	Potassium, AAS, Open vessel (%)	2246	0.3800	0.0000				2			0
032.32	Potassium, AAS, Open vessel (%)	0169	1.685	0.0700				2			0
032.41	Potassium, ICP, Dry ash (%)	0910	1.430	0.0400	1.704	0.1087	0.0372	27	-2.52	8%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.510	0.0000	1.704	0.1087	0.0372	27	-1.78	6%	0
032.41	Potassium, ICP, Dry ash (%)	0004	1.535	0.0500	1.704	0.1087	0.0372	27	-1.55	5%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.599	0.1100	1.704	0.1087	0.0372	27	-0.96	3%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.605	0.0100	1.704	0.1087	0.0372	27	-0.91	3%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.610	0.0600	1.704	0.1087	0.0372	27	-0.86	3%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.620	0.0200	1.704	0.1087	0.0372	27	-0.77	2%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.640	0.1000	1.704	0.1087	0.0372	27	-0.59	2%	0
032.41	Potassium, ICP, Dry ash (%)	0720	1.660	0.0400	1.704	0.1087	0.0372	27	-0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.672	0.0100	1.704	0.1087	0.0372	27	-0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0123	1.680	0.0400	1.704	0.1087	0.0372	27	-0.22	1%	0
032.41	Potassium, ICP, Dry ash (%)	0354	1.680	0.0200	1.704	0.1087	0.0372	27	-0.22	1%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.685	0.0700	1.704	0.1087	0.0372	27	-0.17	1%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.719	0.0130	1.704	0.1087	0.0372	27	0.14	0%	0
032.41	Potassium, ICP, Dry ash (%)	0878	1.720	0.0200	1.704	0.1087	0.0372	27	0.15	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.730	0.0200	1.704	0.1087	0.0372	27	0.24	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.730	0.0200	1.704	0.1087	0.0372	27	0.24	1%	0
032.41	Potassium, ICP, Dry ash (%)	0066	1.756	0.0260	1.704	0.1087	0.0372	27	0.48	2%	0
032.41	Potassium, ICP, Dry ash (%)	0653	1.774	0.0310	1.704	0.1087	0.0372	27	0.64	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.774	0.1237	1.704	0.1087	0.0372	27	0.65	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.775	0.0100	1.704	0.1087	0.0372	27	0.65	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.780	0.0200	1.704	0.1087	0.0372	27	0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.810	0.0800	1.704	0.1087	0.0372	27	0.98	3%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.815	0.0100	1.704	0.1087	0.0372	27	1.02	3%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.816	0.0020	1.704	0.1087	0.0372	27	1.03	3%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.865	0.0100	1.704	0.1087	0.0372	27	1.48	5%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.915	0.0500	1.704	0.1087	0.0372	27	1.94	6%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.720	0.2000	1.704	0.1087	0.0372	27	0.15	0%	1
032.42	Potassium, ICP, Open vessel (%)	2129	1.460	0.0200	1.733	0.0952	0.0534	18	-2.87	8%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.621	0.0455	1.733	0.0952	0.0534	18	-1.18	3%	0
032.42	Potassium, ICP, Open vessel (%)	0096	1.621	0.0700	1.733	0.0952	0.0534	18	-1.18	3%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.640	0.0200	1.733	0.0952	0.0534	18	-0.98	3%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.645	0.0700	1.733	0.0952	0.0534	18	-0.93	3%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.685	0.0900	1.733	0.0952	0.0534	18	-0.50	1%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.722	0.0460	1.733	0.0952	0.0534	18	-0.12	0%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.738	0.0351	1.733	0.0952	0.0534	18	0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.740	0.0800	1.733	0.0952	0.0534	18	0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0026	1.744	0.0870	1.733	0.0952	0.0534	18	0.11	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.751	0.0604	1.733	0.0952	0.0534	18	0.19	1%	0

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032.42	Potassium, ICP, Open vessel (%)	0726	1.754	0.0050	1.733	0.0952	0.0534	18	0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.775	0.0100	1.733	0.0952	0.0534	18	0.44	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.815	0.0300	1.733	0.0952	0.0534	18	0.86	2%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.819	0.0010	1.733	0.0952	0.0534	18	0.90	2%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.825	0.0500	1.733	0.0952	0.0534	18	0.97	3%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.852	0.0015	1.733	0.0952	0.0534	18	1.25	3%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.860	0.2400	1.733	0.0952	0.0534	18	1.33	4%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.900	0.3000	1.733	0.0952	0.0534	18	1.75	5%	1
032.43	Potassium, ICP, Microwave (%)	0202	0.8652	0.0166	1.699	0.0959	0.0326	22	-8.69	25%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.550	0.1000	1.699	0.0959	0.0326	22	-1.56	4%	0
032.43	Potassium, ICP, Microwave (%)	2192	1.560	0.0400	1.699	0.0959	0.0326	22	-1.45	4%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.580	0.0000	1.699	0.0959	0.0326	22	-1.24	4%	0
032.43	Potassium, ICP, Microwave (%)	0089	1.620	0.0000	1.699	0.0959	0.0326	22	-0.83	2%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.652	0.0050	1.699	0.0959	0.0326	22	-0.50	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.655	0.0100	1.699	0.0959	0.0326	22	-0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.685	0.0100	1.699	0.0959	0.0326	22	-0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.696	0.0040	1.699	0.0959	0.0326	22	-0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.702	0.0342	1.699	0.0959	0.0326	22	0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.705	0.0100	1.699	0.0959	0.0326	22	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.705	0.0300	1.699	0.0959	0.0326	22	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.710	0.0400	1.699	0.0959	0.0326	22	0.11	0%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.735	0.0100	1.699	0.0959	0.0326	22	0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.750	0.0000	1.699	0.0959	0.0326	22	0.53	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.755	0.0300	1.699	0.0959	0.0326	22	0.58	2%	0
032.43	Potassium, ICP, Microwave (%)	0512	1.759	0.0590	1.699	0.0959	0.0326	22	0.62	2%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.780	0.0200	1.699	0.0959	0.0326	22	0.84	2%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.785	0.0900	1.699	0.0959	0.0326	22	0.89	3%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.795	0.0300	1.699	0.0959	0.0326	22	1.00	3%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.809	0.0520	1.699	0.0959	0.0326	22	1.14	3%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.837	0.1254	1.699	0.0959	0.0326	22	1.43	4%	0
032.44	Potassium, ICP, Dry ash (%)	0955	1.595	0.0100	1.706	0.0865	0.0920	5			0
032.44	Potassium, ICP, Dry ash (%)	0164	1.645	0.0300	1.706	0.0865	0.0920	5			0
032.44	Potassium, ICP, Dry ash (%)	0160	1.735	0.1300	1.706	0.0865	0.0920	5			0
032.44	Potassium, ICP, Dry ash (%)	2152	1.740	0.0200	1.706	0.0865	0.0920	5			0
032.44	Potassium, ICP, Dry ash (%)	0039	1.815	0.2700	1.706	0.0865	0.0920	5			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.433	0.0257				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.695	0.0100				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0016	1.755	0.0700				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.700	0.0400				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.755	0.0300				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	2.340	0.1600				3			0
032.99	Potassium, Miscellaneous (%)	0100	1.725	0.0100				3			0

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032.99	Potassium, Miscellaneous (%)	0242	1.740	0.0200				3			0
032.99	Potassium, Miscellaneous (%)	0001	1.785	0.0040				3			0
032.99	Potassium, Miscellaneous (%)	0590	1.730	0.3000				3			1
033.00	Salt as chloride, Sol Cl (%)	0511	2.860	0.0000	3.563	0.1923	0.0538	23	-3.66	10%	0
033.00	Salt as chloride, Sol Cl (%)	0653	3.267	0.0010	3.563	0.1923	0.0538	23	-1.54	4%	0
033.00	Salt as chloride, Sol Cl (%)	2076	3.275	0.2500	3.563	0.1923	0.0538	23	-1.50	4%	0
033.00	Salt as chloride, Sol Cl (%)	0539	3.295	0.0500	3.563	0.1923	0.0538	23	-1.40	4%	0
033.00	Salt as chloride, Sol Cl (%)	0171	3.410	0.0000	3.563	0.1923	0.0538	23	-0.80	2%	0
033.00	Salt as chloride, Sol Cl (%)	0893	3.455	0.1700	3.563	0.1923	0.0538	23	-0.56	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	3.485	0.0700	3.563	0.1923	0.0538	23	-0.41	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	3.515	0.0100	3.563	0.1923	0.0538	23	-0.25	1%	0
033.00	Salt as chloride, Sol Cl (%)	0298	3.520	0.0200	3.563	0.1923	0.0538	23	-0.23	1%	0
033.00	Salt as chloride, Sol Cl (%)	0897	3.535	0.1700	3.563	0.1923	0.0538	23	-0.15	0%	0
033.00	Salt as chloride, Sol Cl (%)	0169	3.565	0.0300	3.563	0.1923	0.0538	23	0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	0693	3.580	0.0366	3.563	0.1923	0.0538	23	0.08	0%	0
033.00	Salt as chloride, Sol Cl (%)	0123	3.595	0.0700	3.563	0.1923	0.0538	23	0.16	0%	0
033.00	Salt as chloride, Sol Cl (%)	0881	3.623	0.0570	3.563	0.1923	0.0538	23	0.31	1%	0
033.00	Salt as chloride, Sol Cl (%)	2009	3.650	0.0063	3.563	0.1923	0.0538	23	0.45	1%	0
033.00	Salt as chloride, Sol Cl (%)	2196	3.690	0.0000	3.563	0.1923	0.0538	23	0.66	2%	0
033.00	Salt as chloride, Sol Cl (%)	0878	3.700	0.0200	3.563	0.1923	0.0538	23	0.71	2%	0
033.00	Salt as chloride, Sol Cl (%)	2022	3.725	0.0300	3.563	0.1923	0.0538	23	0.84	2%	0
033.00	Salt as chloride, Sol Cl (%)	2193	3.735	0.0500	3.563	0.1923	0.0538	23	0.89	2%	0
033.00	Salt as chloride, Sol Cl (%)	0309	3.752	0.0017	3.563	0.1923	0.0538	23	0.98	3%	0
033.00	Salt as chloride, Sol Cl (%)	0675	3.755	0.1100	3.563	0.1923	0.0538	23	1.00	3%	0
033.00	Salt as chloride, Sol Cl (%)	2190	3.765	0.0741	3.563	0.1923	0.0538	23	1.05	3%	0
033.00	Salt as chloride, Sol Cl (%)	0366	3.785	0.0100	3.563	0.1923	0.0538	23	1.15	3%	0
033.00	Salt as chloride, Sol Cl (%)	2062	2.922	0.9983	3.563	0.1923	0.0538	23	-3.33	9%	1
033.01	Salt as chloride, Poten Cl (%)	0619	3.405	0.1300	3.732	0.0810	0.0434	28	-4.04	4%	0
033.01	Salt as chloride, Poten Cl (%)	0226	3.585	0.0500	3.732	0.0810	0.0434	28	-1.81	2%	0
033.01	Salt as chloride, Poten Cl (%)	0100	3.620	0.0200	3.732	0.0810	0.0434	28	-1.38	1%	0
033.01	Salt as chloride, Poten Cl (%)	0194	3.635	0.0100	3.732	0.0810	0.0434	28	-1.20	1%	0
033.01	Salt as chloride, Poten Cl (%)	0003	3.650	0.1000	3.732	0.0810	0.0434	28	-1.01	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	3.670	0.0400	3.732	0.0810	0.0434	28	-0.76	1%	0
033.01	Salt as chloride, Poten Cl (%)	0001	3.675	0.0700	3.732	0.0810	0.0434	28	-0.70	1%	0
033.01	Salt as chloride, Poten Cl (%)	0683	3.680	0.0000	3.732	0.0810	0.0434	28	-0.64	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	3.700	0.0400	3.732	0.0810	0.0434	28	-0.39	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	3.715	0.0100	3.732	0.0810	0.0434	28	-0.21	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	3.720	0.0000	3.732	0.0810	0.0434	28	-0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	3.720	0.0400	3.732	0.0810	0.0434	28	-0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0083	3.725	0.0100	3.732	0.0810	0.0434	28	-0.08	0%	0
033.01	Salt as chloride, Poten Cl (%)	0874	3.730	0.0000	3.732	0.0810	0.0434	28	-0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	3.735	0.0100	3.732	0.0810	0.0434	28	0.04	0%	0

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033.01	Salt as chloride, Poten Cl (%)	0354	3.740	0.0200	3.732	0.0810	0.0434	28	0.10	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	3.740	0.1000	3.732	0.0810	0.0434	28	0.10	0%	0
033.01	Salt as chloride, Poten Cl (%)	0010	3.745	0.0100	3.732	0.0810	0.0434	28	0.16	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	3.750	0.0600	3.732	0.0810	0.0434	28	0.23	0%	0
033.01	Salt as chloride, Poten Cl (%)	0019	3.755	0.1500	3.732	0.0810	0.0434	28	0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	3.787	0.0540	3.732	0.0810	0.0434	28	0.68	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	3.795	0.0700	3.732	0.0810	0.0434	28	0.78	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	3.810	0.0200	3.732	0.0810	0.0434	28	0.97	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	3.815	0.0500	3.732	0.0810	0.0434	28	1.03	1%	0
033.01	Salt as chloride, Poten Cl (%)	2146	3.820	0.0600	3.732	0.0810	0.0434	28	1.09	1%	0
033.01	Salt as chloride, Poten Cl (%)	0644	3.830	0.0000	3.732	0.0810	0.0434	28	1.21	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	3.925	0.0300	3.732	0.0810	0.0434	28	2.39	3%	0
033.01	Salt as chloride, Poten Cl (%)	2268	3.940	0.0600	3.732	0.0810	0.0434	28	2.57	3%	0
033.01	Salt as chloride, Poten Cl (%)	0186	3.975	0.2100	3.732	0.0810	0.0434	28	3.00	3%	1
033.03	Salt as chloride, Quantab (%)	0265	2.850	0.0000	3.440	0.4813	0.0300	4			0
033.03	Salt as chloride, Quantab (%)	0505	3.260	0.1200	3.440	0.4813	0.0300	4			0
033.03	Salt as chloride, Quantab (%)	0144	3.730	0.0000	3.440	0.4813	0.0300	4			0
033.03	Salt as chloride, Quantab (%)	0726	3.920	0.0000	3.440	0.4813	0.0300	4			0
033.03	Salt as chloride, Quantab (%)	0190	4.170	0.3400	3.440	0.4813	0.0300	4			1
033.05	Salt as chloride, Ion Sel Electrode (%)	0039	3.565	0.1100	3.667	0.1251	0.0940	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2129	3.575	0.0900	3.667	0.1251	0.0940	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0955	3.595	0.2100	3.667	0.1251	0.0940	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	3.760	0.0400	3.667	0.1251	0.0940	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	3.840	0.0200	3.667	0.1251	0.0940	5			0
033.99	Salt, Miscellaneous (%)	0536	2.715	0.0100	3.584	0.3921	0.0512	10	-2.22	12%	0
033.99	Salt, Miscellaneous (%)	0017	3.115	0.1630	3.584	0.3921	0.0512	10	-1.20	7%	0
033.99	Salt, Miscellaneous (%)	2073	3.480	0.0400	3.584	0.3921	0.0512	10	-0.26	1%	0
033.99	Salt, Miscellaneous (%)	2181	3.520	0.0800	3.584	0.3921	0.0512	10	-0.16	1%	0
033.99	Salt, Miscellaneous (%)	0208	3.565	0.0300	3.584	0.3921	0.0512	10	-0.05	0%	0
033.99	Salt, Miscellaneous (%)	0027	3.588	0.0790	3.584	0.3921	0.0512	10	0.01	0%	0
033.99	Salt, Miscellaneous (%)	0650	3.735	0.0500	3.584	0.3921	0.0512	10	0.39	2%	0
033.99	Salt, Miscellaneous (%)	0910	3.740	0.0400	3.584	0.3921	0.0512	10	0.40	2%	0
033.99	Salt, Miscellaneous (%)	2144	3.970	0.0200	3.584	0.3921	0.0512	10	0.98	5%	0
033.99	Salt, Miscellaneous (%)	0682	4.130	0.0000	3.584	0.3921	0.0512	10	1.39	8%	0
033.99	Salt, Miscellaneous (%)	0358	2.920	0.3000	3.584	0.3921	0.0512	10	-1.69	9%	1
034.01	Selenium, Fluor (ppm)	0038	10.68	0.1000				1			0
034.04	Selenium, AA, Hydride (ppm)	0035	9.895	0.1700				3			0
034.04	Selenium, AA, Hydride (ppm)	0563	10.18	0.0613				3			0
034.04	Selenium, AA, Hydride (ppm)	0169	11.35	0.1000				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0407	6.715	0.2900				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0148	9.135	1.570				3			0
034.41	Selenium, ICP, Dry ash (ppm)	0619	9.785	0.0700				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			
034.42	Selenium, ICP, Open vessel (ppm)	2259	7.558	0.0110				2			0
034.42	Selenium, ICP, Open vessel (ppm)	0692	13.05	0.7000				2			0
034.42	Selenium, ICP, Open vessel (ppm)	0096	< 20					2			5
034.43	Selenium, ICP, Microwave (ppm)	0407	6.550	0.0200	10.45	2.390	0.2230	5			0
034.43	Selenium, ICP, Microwave (ppm)	0682	10.40	0.0000	10.45	2.390	0.2230	5			0
034.43	Selenium, ICP, Microwave (ppm)	0968	11.06	0.0460	10.45	2.390	0.2230	5			0
034.43	Selenium, ICP, Microwave (ppm)	0036	11.20	0.4000	10.45	2.390	0.2230	5			0
034.43	Selenium, ICP, Microwave (ppm)	0027	13.04	0.6490	10.45	2.390	0.2230	5			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0016	9.975	0.2500	10.64	0.4676	0.3475	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0186	10.65	0.3000	10.64	0.4676	0.3475	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0910	10.93	0.6400	10.64	0.4676	0.3475	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0208	11.00	0.2000	10.64	0.4676	0.3475	4			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0047	14.48	1.810	10.64	0.4676	0.3475	4			2
034.53	Selenium, ICP-MS, Microwave (ppm)	0164	8.810	0.2800	11.22	1.996	0.2251	7	-1.21	11%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0033	9.920	0.1600	11.22	1.996	0.2251	7	-0.65	6%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0553	10.30	0.2000	11.22	1.996	0.2251	7	-0.46	4%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0003	10.79	0.0000	11.22	1.996	0.2251	7	-0.21	2%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0560	12.32	0.7740	11.22	1.996	0.2251	7	0.55	5%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	2012	12.46	0.0920	11.22	1.996	0.2251	7	0.62	6%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0939	13.93	0.0700	11.22	1.996	0.2251	7	1.36	12%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0010	11.50	3.000	11.22	1.996	0.2251	7	0.14	1%	1
034.99	Selenium, Miscellaneous (ppm)	0190	8.965	0.0300				2			0
034.99	Selenium, Miscellaneous (ppm)	0171	11.65	0.4400				2			0
035.01	Sodium, Ion-selective electrode (%)	0881	1.242	0.0300				2			0
035.01	Sodium, Ion-selective electrode (%)	0868	1.246	0.0040				2			0
035.02	Sodium, Em Spect (%)	0884	1.130	0.0200				1			0
035.05	Sodium, Flame Emission (%)	2248	1.170	0.0000				2			0
035.05	Sodium, Flame Emission (%)	0108	1.195	0.0300				2			0
035.31	Sodium, AAS, Dry ash (%)	2097	1.115	0.0053	1.221	0.0764	0.0206	13	-1.38	4%	0
035.31	Sodium, AAS, Dry ash (%)	0175	1.140	0.0000	1.221	0.0764	0.0206	13	-1.06	3%	0
035.31	Sodium, AAS, Dry ash (%)	2196	1.150	0.0000	1.221	0.0764	0.0206	13	-0.92	3%	0
035.31	Sodium, AAS, Dry ash (%)	0563	1.170	0.0288	1.221	0.0764	0.0206	13	-0.66	2%	0
035.31	Sodium, AAS, Dry ash (%)	0142	1.208	0.0137	1.221	0.0764	0.0206	13	-0.16	1%	0
035.31	Sodium, AAS, Dry ash (%)	0874	1.215	0.0300	1.221	0.0764	0.0206	13	-0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	0529	1.225	0.0060	1.221	0.0764	0.0206	13	0.06	0%	0
035.31	Sodium, AAS, Dry ash (%)	0939	1.225	0.0700	1.221	0.0764	0.0206	13	0.06	0%	0
035.31	Sodium, AAS, Dry ash (%)	0868	1.240	0.0000	1.221	0.0764	0.0206	13	0.25	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	1.244	0.0240	1.221	0.0764	0.0206	13	0.31	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	1.265	0.0100	1.221	0.0764	0.0206	13	0.58	2%	0
035.31	Sodium, AAS, Dry ash (%)	2246	1.465	0.0100	1.221	0.0764	0.0206	13	3.20	10%	0
035.31	Sodium, AAS, Dry ash (%)	0689	1.735	0.0700	1.221	0.0764	0.0206	13	6.73	21%	0
035.31	Sodium, AAS, Dry ash (%)	0536	1.480	0.6400	1.221	0.0764	0.0206	13	3.39	11%	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			
035.32	Sodium, AAS, Open vessel (%)	0169	1.290	0.0000				1			0
035.41	Sodium, ICP, Dry ash (%)	0004	1.100	0.0600	1.215	0.0785	0.0374	30	-1.46	5%	0
035.41	Sodium, ICP, Dry ash (%)	0003	1.105	0.0700	1.215	0.0785	0.0374	30	-1.40	5%	0
035.41	Sodium, ICP, Dry ash (%)	0298	1.130	0.0200	1.215	0.0785	0.0374	30	-1.08	3%	0
035.41	Sodium, ICP, Dry ash (%)	0720	1.130	0.0200	1.215	0.0785	0.0374	30	-1.08	3%	0
035.41	Sodium, ICP, Dry ash (%)	2012	1.130	0.0000	1.215	0.0785	0.0374	30	-1.08	3%	0
035.41	Sodium, ICP, Dry ash (%)	0910	1.135	0.0900	1.215	0.0785	0.0374	30	-1.02	3%	0
035.41	Sodium, ICP, Dry ash (%)	0358	1.150	0.1200	1.215	0.0785	0.0374	30	-0.82	3%	0
035.41	Sodium, ICP, Dry ash (%)	2259	1.159	0.0670	1.215	0.0785	0.0374	30	-0.72	2%	0
035.41	Sodium, ICP, Dry ash (%)	0354	1.165	0.0100	1.215	0.0785	0.0374	30	-0.63	2%	0
035.41	Sodium, ICP, Dry ash (%)	0405	1.166	0.0070	1.215	0.0785	0.0374	30	-0.63	2%	0
035.41	Sodium, ICP, Dry ash (%)	0144	1.180	0.0400	1.215	0.0785	0.0374	30	-0.44	1%	0
035.41	Sodium, ICP, Dry ash (%)	0955	1.180	0.0200	1.215	0.0785	0.0374	30	-0.44	1%	0
035.41	Sodium, ICP, Dry ash (%)	0019	1.185	0.0500	1.215	0.0785	0.0374	30	-0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	1.198	0.0010	1.215	0.0785	0.0374	30	-0.22	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	1.205	0.0100	1.215	0.0785	0.0374	30	-0.12	0%	0
035.41	Sodium, ICP, Dry ash (%)	0148	1.230	0.0000	1.215	0.0785	0.0374	30	0.20	1%	0
035.41	Sodium, ICP, Dry ash (%)	0208	1.232	0.0100	1.215	0.0785	0.0374	30	0.22	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	1.239	0.0208	1.215	0.0785	0.0374	30	0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	1.245	0.0100	1.215	0.0785	0.0374	30	0.39	1%	0
035.41	Sodium, ICP, Dry ash (%)	0139	1.247	0.0070	1.215	0.0785	0.0374	30	0.41	1%	0
035.41	Sodium, ICP, Dry ash (%)	0123	1.260	0.0600	1.215	0.0785	0.0374	30	0.58	2%	0
035.41	Sodium, ICP, Dry ash (%)	0164	1.265	0.0300	1.215	0.0785	0.0374	30	0.64	2%	0
035.41	Sodium, ICP, Dry ash (%)	0229	1.270	0.0400	1.215	0.0785	0.0374	30	0.71	2%	0
035.41	Sodium, ICP, Dry ash (%)	0653	1.282	0.0200	1.215	0.0785	0.0374	30	0.86	3%	0
035.41	Sodium, ICP, Dry ash (%)	0098	1.295	0.0900	1.215	0.0785	0.0374	30	1.02	3%	0
035.41	Sodium, ICP, Dry ash (%)	0878	1.295	0.0100	1.215	0.0785	0.0374	30	1.02	3%	0
035.41	Sodium, ICP, Dry ash (%)	0066	1.302	0.0290	1.215	0.0785	0.0374	30	1.11	4%	0
035.41	Sodium, ICP, Dry ash (%)	0226	1.305	0.0100	1.215	0.0785	0.0374	30	1.15	4%	0
035.41	Sodium, ICP, Dry ash (%)	0619	1.325	0.0100	1.215	0.0785	0.0374	30	1.41	5%	0
035.41	Sodium, ICP, Dry ash (%)	0039	1.335	0.1900	1.215	0.0785	0.0374	30	1.53	5%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.9533	0.5446	1.215	0.0785	0.0374	30	-3.33	11%	1
035.42	Sodium, ICP, Open vessel (%)	0366	0.9655	0.1290	1.274	0.0648	0.0362	14	-4.76	12%	0
035.42	Sodium, ICP, Open vessel (%)	0096	1.178	0.0040	1.274	0.0648	0.0362	14	-1.48	4%	0
035.42	Sodium, ICP, Open vessel (%)	0035	1.230	0.0000	1.274	0.0648	0.0362	14	-0.67	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	1.235	0.0700	1.274	0.0648	0.0362	14	-0.60	2%	0
035.42	Sodium, ICP, Open vessel (%)	0037	1.246	0.0090	1.274	0.0648	0.0362	14	-0.43	1%	0
035.42	Sodium, ICP, Open vessel (%)	0042	1.265	0.0100	1.274	0.0648	0.0362	14	-0.13	0%	0
035.42	Sodium, ICP, Open vessel (%)	0263	1.281	0.0120	1.274	0.0648	0.0362	14	0.11	0%	0
035.42	Sodium, ICP, Open vessel (%)	0560	1.282	0.0408	1.274	0.0648	0.0362	14	0.13	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	1.285	0.0500	1.274	0.0648	0.0362	14	0.17	0%	0
035.42	Sodium, ICP, Open vessel (%)	0186	1.310	0.0200	1.274	0.0648	0.0362	14	0.56	1%	0

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035.42	Sodium, ICP, Open vessel (%)	0265	1.310	0.0000	1.274	0.0648	0.0362	14	0.56	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	1.315	0.0440	1.274	0.0648	0.0362	14	0.64	2%	0
035.42	Sodium, ICP, Open vessel (%)	0726	1.348	0.0300	1.274	0.0648	0.0362	14	1.15	3%	0
035.42	Sodium, ICP, Open vessel (%)	0693	1.393	0.0879	1.274	0.0648	0.0362	14	1.84	5%	0
035.42	Sodium, ICP, Open vessel (%)	0692	1.265	0.3500	1.274	0.0648	0.0362	14	-0.13	0%	1
035.43	Sodium, ICP, Microwave (%)	0202	0.6319	0.0034	1.232	0.1149	0.0198	19	-5.22	24%	0
035.43	Sodium, ICP, Microwave (%)	2192	1.000	0.0200	1.232	0.1149	0.0198	19	-2.02	9%	0
035.43	Sodium, ICP, Microwave (%)	0505	1.060	0.0400	1.232	0.1149	0.0198	19	-1.49	7%	0
035.43	Sodium, ICP, Microwave (%)	0089	1.080	0.0000	1.232	0.1149	0.0198	19	-1.32	6%	0
035.43	Sodium, ICP, Microwave (%)	0425	1.180	0.0000	1.232	0.1149	0.0198	19	-0.45	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	1.215	0.0100	1.232	0.1149	0.0198	19	-0.14	1%	0
035.43	Sodium, ICP, Microwave (%)	0017	1.225	0.0640	1.232	0.1149	0.0198	19	-0.06	0%	0
035.43	Sodium, ICP, Microwave (%)	0512	1.244	0.0390	1.232	0.1149	0.0198	19	0.10	0%	0
035.43	Sodium, ICP, Microwave (%)	0035	1.245	0.0100	1.232	0.1149	0.0198	19	0.12	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	1.255	0.0100	1.232	0.1149	0.0198	19	0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	1.260	0.0000	1.232	0.1149	0.0198	19	0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	1.260	0.0400	1.232	0.1149	0.0198	19	0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	1.260	0.0000	1.232	0.1149	0.0198	19	0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0010	1.300	0.0200	1.232	0.1149	0.0198	19	0.60	3%	0
035.43	Sodium, ICP, Microwave (%)	0006	1.303	0.0090	1.232	0.1149	0.0198	19	0.62	3%	0
035.43	Sodium, ICP, Microwave (%)	0510	1.315	0.0240	1.232	0.1149	0.0198	19	0.73	3%	0
035.43	Sodium, ICP, Microwave (%)	0353	1.350	0.0200	1.232	0.1149	0.0198	19	1.03	5%	0
035.43	Sodium, ICP, Microwave (%)	0083	1.355	0.0500	1.232	0.1149	0.0198	19	1.07	5%	0
035.43	Sodium, ICP, Microwave (%)	0038	1.376	0.0160	1.232	0.1149	0.0198	19	1.26	6%	0
035.43	Sodium, ICP, Microwave (%)	0407	1.379	0.1014	1.232	0.1149	0.0198	19	1.28	6%	1
035.52	Sodium, ICP-MS, Open vessel (%)	0154	1.263	0.0045				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	1.285	0.0100				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	1.225	0.0900				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	1.260	0.0200				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0300	1.285	0.0300				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	1.630	0.2200				3			2
035.99	Sodium, Miscellaneous (%)	2129	1.130	0.0200	1.246	0.0838	0.0575	4			0
035.99	Sodium, Miscellaneous (%)	0100	1.260	0.0200	1.246	0.0838	0.0575	4			0
035.99	Sodium, Miscellaneous (%)	0242	1.265	0.0700	1.246	0.0838	0.0575	4			0
035.99	Sodium, Miscellaneous (%)	0590	1.330	0.1200	1.246	0.0838	0.0575	4			0
035.99	Sodium, Miscellaneous (%)	2253	0.6850	0.0100	1.246	0.0838	0.0575	4			2
036.04	Sulfur, LECO (%)	0229	0.5200	0.0000	0.5541	0.0235	0.0108	4			0
036.04	Sulfur, LECO (%)	0148	0.5585	0.0010	0.5541	0.0235	0.0108	4			0
036.04	Sulfur, LECO (%)	0226	0.5650	0.0300	0.5541	0.0235	0.0108	4			0
036.04	Sulfur, LECO (%)	0001	0.5730	0.0120	0.5541	0.0235	0.0108	4			0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.4180	0.0140	0.5450	0.0340	0.0146	19	-3.73	12%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.4825	0.0130	0.5450	0.0340	0.0146	19	-1.84	6%	0



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036.42	Sulfur, ICP, Open vessel (%)	0229	0.5100	0.0000	0.5450	0.0340	0.0146	19	-1.03	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.5124	0.0017	0.5450	0.0340	0.0146	19	-0.96	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.5147	0.0018	0.5450	0.0340	0.0146	19	-0.89	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.5200	0.0400	0.5450	0.0340	0.0146	19	-0.74	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.5350	0.0300	0.5450	0.0340	0.0146	19	-0.29	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.5350	0.0100	0.5450	0.0340	0.0146	19	-0.29	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.5526	0.0377	0.5450	0.0340	0.0146	19	0.22	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.5547	0.0143	0.5450	0.0340	0.0146	19	0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.5580	0.0060	0.5450	0.0340	0.0146	19	0.38	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.5610	0.0340	0.5450	0.0340	0.0146	19	0.47	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.5650	0.0100	0.5450	0.0340	0.0146	19	0.59	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.5650	0.0100	0.5450	0.0340	0.0146	19	0.59	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.5655	0.0270	0.5450	0.0340	0.0146	19	0.60	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0096	0.5725	0.0130	0.5450	0.0340	0.0146	19	0.81	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.5750	0.0100	0.5450	0.0340	0.0146	19	0.88	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.5752	0.0052	0.5450	0.0340	0.0146	19	0.89	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.6200	0.0000	0.5450	0.0340	0.0146	19	2.20	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.5650	0.1100	0.5450	0.0340	0.0146	19	0.59	2%	1
036.43	Sulfur, ICP, Microwave (%)	0202	0.2788	0.0122	0.5801	0.0646	0.0121	13	-4.66	26%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.5313	0.0044	0.5801	0.0646	0.0121	13	-0.76	4%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.5350	0.0180	0.5801	0.0646	0.0121	13	-0.70	4%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.5450	0.0300	0.5801	0.0646	0.0121	13	-0.54	3%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.5515	0.0010	0.5801	0.0646	0.0121	13	-0.44	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.5550	0.0100	0.5801	0.0646	0.0121	13	-0.39	2%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.5600	0.0000	0.5801	0.0646	0.0121	13	-0.31	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.5750	0.0100	0.5801	0.0646	0.0121	13	-0.08	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.5993	0.0081	0.5801	0.0646	0.0121	13	0.30	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.6300	0.0000	0.5801	0.0646	0.0121	13	0.77	4%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.6400	0.0200	0.5801	0.0646	0.0121	13	0.93	5%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.6590	0.0140	0.5801	0.0646	0.0121	13	1.22	7%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.7150	0.0300	0.5801	0.0646	0.0121	13	2.09	12%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.5117	0.0157				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.5365	0.0150				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.5495	0.0170				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.5150	0.0100				2			0
036.99	Sulfur, Miscellaneous (%)	0160	0.5650	0.0300				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	55.20	2.600	1,554	189.0	54.60	17	-7.93	48%	0
037.31	Zinc, AAS, Dry ash (ppm)	2097	1,371	1.180	1,554	189.0	54.60	17	-0.97	6%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	1,371	76.60	1,554	189.0	54.60	17	-0.97	6%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	1,375	55.80	1,554	189.0	54.60	17	-0.95	6%	0
037.31	Zinc, AAS, Dry ash (ppm)	2248	1,425	0.0000	1,554	189.0	54.60	17	-0.68	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0868	1,437	137.0	1,554	189.0	54.60	17	-0.62	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			
037.31	Zinc, AAS, Dry ash (ppm)	0175	1,550	100.0	1,554	189.0	54.60	17	-0.02	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	1,550	10.00	1,554	189.0	54.60	17	-0.02	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2022	1,550	38.90	1,554	189.0	54.60	17	-0.02	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	1,552	3.000	1,554	189.0	54.60	17	-0.02	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0884	1,595	36.60	1,554	189.0	54.60	17	0.22	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	1,614	0.0000	1,554	189.0	54.60	17	0.31	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	1,632	57.00	1,554	189.0	54.60	17	0.41	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	1,696	40.00	1,554	189.0	54.60	17	0.75	5%	0
037.31	Zinc, AAS, Dry ash (ppm)	0874	1,770	120.0	1,554	189.0	54.60	17	1.14	7%	0
037.31	Zinc, AAS, Dry ash (ppm)	0208	1,830	220.0	1,554	189.0	54.60	17	1.46	9%	0
037.31	Zinc, AAS, Dry ash (ppm)	2198	2,145	29.60	1,554	189.0	54.60	17	3.13	19%	0
037.32	Zinc, AAS, Open vessel (ppm)	2128	172.7	5.727				2			0
037.32	Zinc, AAS, Open vessel (ppm)	0038	1,582	27.00				2			0
037.33	Zinc, AAS, Microwave (ppm)	2178	1,575	70.00				3			0
037.33	Zinc, AAS, Microwave (ppm)	0010	1,635	10.00				3			0
037.33	Zinc, AAS, Microwave (ppm)	0948	1,709	33.67				3			0
037.33	Zinc, AAS, Microwave (ppm)	2246	751.0	10.00				3			2
037.41	Zinc, ICP, Dry ash (ppm)	2012	1,205	59.71	1,517	123.9	52.72	24	-2.52	10%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	1,327	11.04	1,517	123.9	52.72	24	-1.54	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0405	1,333	42.30	1,517	123.9	52.72	24	-1.49	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0511	1,374	9.000	1,517	123.9	52.72	24	-1.16	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0003	1,399	8.000	1,517	123.9	52.72	24	-0.96	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	1,413	76.82	1,517	123.9	52.72	24	-0.84	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	1,441	80.00	1,517	123.9	52.72	24	-0.62	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	1,475	16.00	1,517	123.9	52.72	24	-0.34	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	1,492	18.00	1,517	123.9	52.72	24	-0.20	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	1,495	117.7	1,517	123.9	52.72	24	-0.18	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0720	1,535	36.59	1,517	123.9	52.72	24	0.14	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	1,537	9.000	1,517	123.9	52.72	24	0.15	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	1,540	0.8200	1,517	123.9	52.72	24	0.18	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	1,553	16.00	1,517	123.9	52.72	24	0.29	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	1,558	123.3	1,517	123.9	52.72	24	0.33	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	1,568	135.0	1,517	123.9	52.72	24	0.40	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	1,575	10.00	1,517	123.9	52.72	24	0.47	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0208	1,607	84.00	1,517	123.9	52.72	24	0.72	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	1,616	28.65	1,517	123.9	52.72	24	0.80	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0074	1,621	68.00	1,517	123.9	52.72	24	0.84	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	1,622	66.00	1,517	123.9	52.72	24	0.84	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0878	1,657	24.00	1,517	123.9	52.72	24	1.13	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	1,660	175.0	1,517	123.9	52.72	24	1.15	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	1,684	50.20	1,517	123.9	52.72	24	1.35	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	1,465	250.0	1,662	78.43	74.93	17	-2.51	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	
037.42	Zinc, ICP, Open vessel (ppm)	0186	1,573	42.00	1,662	78.43	74.93	17	-1.13	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0096	1,579	47.54	1,662	78.43	74.93	17	-1.05	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	1,590	28.37	1,662	78.43	74.93	17	-0.91	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	1,616	22.67	1,662	78.43	74.93	17	-0.59	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0560	1,627	45.10	1,662	78.43	74.93	17	-0.45	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0026	1,632	248.2	1,662	78.43	74.93	17	-0.37	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	1,639	16.58	1,662	78.43	74.93	17	-0.28	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	1,655	90.00	1,662	78.43	74.93	17	-0.09	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	1,675	1.100	1,662	78.43	74.93	17	0.18	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	1,694	1.000	1,662	78.43	74.93	17	0.41	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	1,718	17.50	1,662	78.43	74.93	17	0.71	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	1,718	190.0	1,662	78.43	74.93	17	0.72	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	1,727	75.70	1,662	78.43	74.93	17	0.83	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	1,740	160.0	1,662	78.43	74.93	17	1.00	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	1,742	2.000	1,662	78.43	74.93	17	1.02	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	1,822	36.00	1,662	78.43	74.93	17	2.04	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	1,485	16.67	1,700	135.2	33.00	20	-1.59	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	1,486	9.000	1,700	135.2	33.00	20	-1.59	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	1,505	110.0	1,700	135.2	33.00	20	-1.44	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	1,568	72.00	1,700	135.2	33.00	20	-0.98	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	1,643	5.084	1,700	135.2	33.00	20	-0.42	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0425	1,644	0.0000	1,700	135.2	33.00	20	-0.42	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	1,654	8.000	1,700	135.2	33.00	20	-0.34	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	1,668	0.0000	1,700	135.2	33.00	20	-0.23	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	1,670	20.00	1,700	135.2	33.00	20	-0.22	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	1,715	10.00	1,700	135.2	33.00	20	0.11	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	1,728	108.2	1,700	135.2	33.00	20	0.21	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	1,732	62.43	1,700	135.2	33.00	20	0.24	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	1,742	40.00	1,700	135.2	33.00	20	0.31	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	1,764	31.00	1,700	135.2	33.00	20	0.47	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	1,765	24.93	1,700	135.2	33.00	20	0.48	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	1,781	23.06	1,700	135.2	33.00	20	0.60	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0512	1,800	39.00	1,700	135.2	33.00	20	0.74	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	1,857	23.00	1,700	135.2	33.00	20	1.16	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	1,866	16.54	1,700	135.2	33.00	20	1.23	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	1,987	41.00	1,700	135.2	33.00	20	2.12	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	1,727	191.0	1,700	135.2	33.00	20	0.20	1%	1
037.44	Zinc, ICP, Dry ash (ppm)	0955	1,479	43.00	1,773	387.5	51.97	5			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	1,510	0.0000	1,773	387.5	51.97	5			0
037.44	Zinc, ICP, Dry ash (ppm)	0160	1,675	70.00	1,773	387.5	51.97	5			0
037.44	Zinc, ICP, Dry ash (ppm)	0039	1,769	130.7	1,773	387.5	51.97	5			0
037.44	Zinc, ICP, Dry ash (ppm)	0066	2,433	16.17	1,773	387.5	51.97	5			0

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037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	1,513	8.000				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0016	1,560	80.00				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	2,065	7.900				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	1,710	41.00				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	1,900	80.00				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	1,945	270.0				3			0
037.99	Zinc, Miscellaneous (ppm)	2129	1,462	18.00	1,583	94.87	20.65	4			0
037.99	Zinc, Miscellaneous (ppm)	0590	1,585	30.00	1,583	94.87	20.65	4			0
037.99	Zinc, Miscellaneous (ppm)	2144	1,589	8.590	1,583	94.87	20.65	4			0
037.99	Zinc, Miscellaneous (ppm)	0242	1,694	26.00	1,583	94.87	20.65	4			0
037.99	Zinc, Miscellaneous (ppm)	0100	1,901	170.0	1,583	94.87	20.65	4			1
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	15.20	0.1250				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	16.10	0.8000				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0148	22.10	0.4000				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	18.66	3.236				3			1
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	15.01	4.210				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	18.86	1.168				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	19.80	0.2000				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0096	< 2					3			5
038.43	Molybdenum, ICP, Microwave (ppm)	0083	16.50	0.2000	18.77	2.145	0.6280	7	-1.06	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	17.21	0.2100	18.77	2.145	0.6280	7	-0.73	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	17.40	1.000	18.77	2.145	0.6280	7	-0.64	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0038	18.65	0.5000	18.77	2.145	0.6280	7	-0.06	0%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0027	19.69	0.8700	18.77	2.145	0.6280	7	0.43	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	20.17	0.4157	18.77	2.145	0.6280	7	0.65	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	21.80	1.200	18.77	2.145	0.6280	7	1.41	8%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	19.90	0.0000				3			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0016	19.95	1.900				3			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	21.46	0.9900				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	19.80	0.4000	20.51	0.8114	1.463	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	19.90	0.4000	20.51	0.8114	1.463	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0939	20.86	1.450	20.51	0.8114	1.463	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0010	21.50	3.600	20.51	0.8114	1.463	4			0
040.42	Barium, ICP, Open vessel (ppm)	0560	37.77	0.5200				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	4.355	0.1500				1			0
042.00	Chloride, Titrimetric (%)	0160	2.255	0.1500				2			0
042.00	Chloride, Titrimetric (%)	0948	2.260	0.0240				2			0
042.01	Chloride, Ion-selective electrode (%)	0171	2.070	0.0000				1			0
042.02	Chloride, Ion Chromatography (%)	0941	2.170	0.0400				1			0
042.99	Chloride, Miscellaneous (%)	0345	2.057	0.0170				2			0
042.99	Chloride, Miscellaneous (%)	0066	2.260	0.0400				2			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	1,020	20.00				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			
102.01	Niacin, Microbiological (ppm)	0227	66.25	2.100				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	22.05	1.100				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	5.570	0.2200				1			0
104.03	Riboflavin, LC (ppm)	0910	3.110	0.2400				3			0
104.03	Riboflavin, LC (ppm)	0010	5.100	0.8000				3			0
104.03	Riboflavin, LC (ppm)	0939	5.655	0.2500				3			0
105.00	Thiamine, LC (ppm)	0910	104.6	2.280				2			0
105.00	Thiamine, LC (ppm)	0939	114.9	9.200				2			0
105.01	Thiamine, Fluorometer (ppm)	0227	208.0	4.000				1			0
106.00	Vitamin A, Color (KU / kg)	0171	44.20	0.8000				2			0
106.00	Vitamin A, Color (KU / kg)	0227	96.75	36.50				2			0
106.01	Vitamin A, UV (KU / kg)	0098	95.60	26.80				1			0
106.02	Vitamin A, LC (KU / kg)	0019	53.39	0.6510	72.94	10.84	5.041	19	-1.80	13%	0
106.02	Vitamin A, LC (KU / kg)	2022	55.00	6.000	72.94	10.84	5.041	19	-1.65	12%	0
106.02	Vitamin A, LC (KU / kg)	0619	57.90	8.000	72.94	10.84	5.041	19	-1.39	10%	0
106.02	Vitamin A, LC (KU / kg)	0038	62.57	6.520	72.94	10.84	5.041	19	-0.96	7%	0
106.02	Vitamin A, LC (KU / kg)	0676	65.68	5.940	72.94	10.84	5.041	19	-0.67	5%	0
106.02	Vitamin A, LC (KU / kg)	0875	66.21	0.3200	72.94	10.84	5.041	19	-0.62	5%	0
106.02	Vitamin A, LC (KU / kg)	2103	73.53	9.860	72.94	10.84	5.041	19	0.05	0%	0
106.02	Vitamin A, LC (KU / kg)	0941	73.80	3.800	72.94	10.84	5.041	19	0.08	1%	0
106.02	Vitamin A, LC (KU / kg)	0004	74.51	0.4400	72.94	10.84	5.041	19	0.15	1%	0
106.02	Vitamin A, LC (KU / kg)	0035	75.76	8.480	72.94	10.84	5.041	19	0.26	2%	0
106.02	Vitamin A, LC (KU / kg)	0638	76.70	0.0000	72.94	10.84	5.041	19	0.35	3%	0
106.02	Vitamin A, LC (KU / kg)	0148	76.77	5.542	72.94	10.84	5.041	19	0.35	3%	0
106.02	Vitamin A, LC (KU / kg)	0563	76.92	6.311	72.94	10.84	5.041	19	0.37	3%	0
106.02	Vitamin A, LC (KU / kg)	0675	76.99	8.020	72.94	10.84	5.041	19	0.37	3%	0
106.02	Vitamin A, LC (KU / kg)	0010	79.04	4.630	72.94	10.84	5.041	19	0.56	4%	0
106.02	Vitamin A, LC (KU / kg)	2144	79.11	0.7020	72.94	10.84	5.041	19	0.57	4%	0
106.02	Vitamin A, LC (KU / kg)	0910	79.80	7.200	72.94	10.84	5.041	19	0.63	5%	0
106.02	Vitamin A, LC (KU / kg)	0689	87.95	1.700	72.94	10.84	5.041	19	1.38	10%	0
106.02	Vitamin A, LC (KU / kg)	0905	103.5	11.67	72.94	10.84	5.041	19	2.82	21%	0
107.00	Vitamin B12, Microbiological (ppb)	0227	22.55	0.7000				1			0
108.02	Vitamin D3, LC (KU / kg)	0675	12.40	0.1000	18.64	4.435	0.9708	5			0
108.02	Vitamin D3, LC (KU / kg)	2192	15.78	0.6040	18.64	4.435	0.9708	5			0
108.02	Vitamin D3, LC (KU / kg)	0910	20.80	1.200	18.64	4.435	0.9708	5			0
108.02	Vitamin D3, LC (KU / kg)	0227	20.90	1.800	18.64	4.435	0.9708	5			0
108.02	Vitamin D3, LC (KU / kg)	0676	23.31	1.150	18.64	4.435	0.9708	5			0
108.02	Vitamin D3, LC (KU / kg)	0208	14.50	13.41	18.64	4.435	0.9708	5			1
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	18.34	1.830				2			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0619	20.95	1.100				2			0
109.02	Vitamin E, LC (IU / kg)	0619	1,570	40.00	3,213	427.1	76.71	17	-3.85	26%	0
109.02	Vitamin E, LC (IU / kg)	2022	2,100	0.0000	3,213	427.1	76.71	17	-2.60	17%	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			
109.02	Vitamin E, LC (IU / kg)	0638	2,736	0.0000	3,213	427.1	76.71	17	-1.12	7%	0
109.02	Vitamin E, LC (IU / kg)	0227	2,765	110.0	3,213	427.1	76.71	17	-1.05	7%	0
109.02	Vitamin E, LC (IU / kg)	0941	3,070	170.0	3,213	427.1	76.71	17	-0.33	2%	0
109.02	Vitamin E, LC (IU / kg)	0208	3,093	27.33	3,213	427.1	76.71	17	-0.28	2%	0
109.02	Vitamin E, LC (IU / kg)	0675	3,173	85.10	3,213	427.1	76.71	17	-0.09	1%	0
109.02	Vitamin E, LC (IU / kg)	2103	3,230	15.00	3,213	427.1	76.71	17	0.04	0%	0
109.02	Vitamin E, LC (IU / kg)	0910	3,230	80.00	3,213	427.1	76.71	17	0.04	0%	0
109.02	Vitamin E, LC (IU / kg)	2144	3,315	8.000	3,213	427.1	76.71	17	0.24	2%	0
109.02	Vitamin E, LC (IU / kg)	0098	3,335	170.0	3,213	427.1	76.71	17	0.29	2%	0
109.02	Vitamin E, LC (IU / kg)	0676	3,357	125.4	3,213	427.1	76.71	17	0.34	2%	0
109.02	Vitamin E, LC (IU / kg)	0590	3,458	70.00	3,213	427.1	76.71	17	0.57	4%	0
109.02	Vitamin E, LC (IU / kg)	0148	3,578	16.50	3,213	427.1	76.71	17	0.86	6%	0
109.02	Vitamin E, LC (IU / kg)	2198	3,687	133.8	3,213	427.1	76.71	17	1.11	7%	0
109.02	Vitamin E, LC (IU / kg)	0875	3,706	193.0	3,213	427.1	76.71	17	1.15	8%	0
109.02	Vitamin E, LC (IU / kg)	0905	3,739	60.00	3,213	427.1	76.71	17	1.23	8%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	3,250	100.0				1			0
112.01	Pyridoxine, LC (µg / g)	0227	4.585	0.3300				1			0
113.99	Folic acid, Miscellaneous (ppm)	0227	4.465	0.3500				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.8140	0.0280				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0035	1.035	0.0100	3.296	3.086	0.0560	5			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0001	1.045	0.0100	3.296	3.086	0.0560	5			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0033	1.050	0.0000	3.296	3.086	0.0560	5			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0016	6.535	0.1700	3.296	3.086	0.0560	5			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	6.815	0.0900	3.296	3.086	0.0560	5			0
115.99	Non Protein N (NPN), Miscellaneous (%)	0160	7.100	0.4000				2			0
115.99	Non Protein N (NPN), Miscellaneous (%)	0939	9.250	0.0400				2			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	5.215	1.510				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.7000	0.0000	0.8067	0.0477	0.0160	25	-2.24	7%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.7400	0.0400	0.8067	0.0477	0.0160	25	-1.40	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.7450	0.0100	0.8067	0.0477	0.0160	25	-1.29	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.7700	0.0600	0.8067	0.0477	0.0160	25	-0.77	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.7750	0.0300	0.8067	0.0477	0.0160	25	-0.66	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.7845	0.0230	0.8067	0.0477	0.0160	25	-0.47	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.7900	0.0000	0.8067	0.0477	0.0160	25	-0.35	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2198	0.7900	0.0000	0.8067	0.0477	0.0160	25	-0.35	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.7905	0.0010	0.8067	0.0477	0.0160	25	-0.34	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.7925	0.0110	0.8067	0.0477	0.0160	25	-0.30	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.8000	0.0200	0.8067	0.0477	0.0160	25	-0.14	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.8010	0.0020	0.8067	0.0477	0.0160	25	-0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.8025	0.0010	0.8067	0.0477	0.0160	25	-0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.8035	0.0070	0.8067	0.0477	0.0160	25	-0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.8040	0.0060	0.8067	0.0477	0.0160	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
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120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.8091	0.0049	0.8067	0.0477	0.0160	25	0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0208	0.8100	0.0200	0.8067	0.0477	0.0160	25	0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.8105	0.0130	0.8067	0.0477	0.0160	25	0.08	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.8130	0.0040	0.8067	0.0477	0.0160	25	0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.8150	0.0100	0.8067	0.0477	0.0160	25	0.17	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.8737	0.0223	0.8067	0.0477	0.0160	25	1.40	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0848	0.8950	0.0300	0.8067	0.0477	0.0160	25	1.85	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.233	0.0343	0.8067	0.0477	0.0160	25	8.94	26%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.335	0.0500	0.8067	0.0477	0.0160	25	11.08	33%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	1.496	0.0000	0.8067	0.0477	0.0160	25	14.45	43%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.8090	0.0300				1			0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.6594	0.0532	0.7757	0.1214	0.0338	5			0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.7150	0.0500	0.7757	0.1214	0.0338	5			0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.7350	0.0100	0.7757	0.1214	0.0338	5			0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.7940	0.0000	0.7757	0.1214	0.0338	5			0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.9750	0.0560	0.7757	0.1214	0.0338	5			0
120.99	Alanine, Miscellaneous (%)	0889	0.1875	0.0150				3			0
120.99	Alanine, Miscellaneous (%)	2144	0.7500	0.0000				3			0
120.99	Alanine, Miscellaneous (%)	0227	0.8200	0.0000				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	2199	0.8285	0.0650	1.044	0.0572	0.0187	26	-3.77	10%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	0.9800	0.0200	1.044	0.0572	0.0187	26	-1.12	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	0.9840	0.0200	1.044	0.0572	0.0187	26	-1.05	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.9950	0.0100	1.044	0.0572	0.0187	26	-0.86	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.9950	0.0100	1.044	0.0572	0.0187	26	-0.86	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2198	0.9950	0.0100	1.044	0.0572	0.0187	26	-0.86	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.019	0.0396	1.044	0.0572	0.0187	26	-0.44	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.020	0.0200	1.044	0.0572	0.0187	26	-0.42	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.022	0.0030	1.044	0.0572	0.0187	26	-0.39	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.025	0.0300	1.044	0.0572	0.0187	26	-0.33	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.025	0.0100	1.044	0.0572	0.0187	26	-0.33	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.030	0.0060	1.044	0.0572	0.0187	26	-0.24	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0208	1.030	0.0000	1.044	0.0572	0.0187	26	-0.24	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.032	0.0220	1.044	0.0572	0.0187	26	-0.21	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.036	0.0360	1.044	0.0572	0.0187	26	-0.14	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.037	0.0120	1.044	0.0572	0.0187	26	-0.12	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.045	0.0100	1.044	0.0572	0.0187	26	0.02	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.056	0.0050	1.044	0.0572	0.0187	26	0.20	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.061	0.0010	1.044	0.0572	0.0187	26	0.29	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	1.065	0.0100	1.044	0.0572	0.0187	26	0.37	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.104	0.0157	1.044	0.0572	0.0187	26	1.05	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	1.110	0.0000	1.044	0.0572	0.0187	26	1.16	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0848	1.140	0.0400	1.044	0.0572	0.0187	26	1.68	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.474	0.0411	1.044	0.0572	0.0187	26	7.52	21%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	1.500	0.0000	1.044	0.0572	0.0187	26	7.98	22%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.725	0.0500	1.044	0.0572	0.0187	26	11.92	33%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.020	0.0350				1			0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.9950	0.0000	1.078	0.0857	0.0385	4			0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.030	0.1000	1.078	0.0857	0.0385	4			0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.095	0.0100	1.078	0.0857	0.0385	4			0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.190	0.0440	1.078	0.0857	0.0385	4			0
121.99	Arginine, Miscellaneous (%)	0889	0.8175	0.0150				2			0
121.99	Arginine, Miscellaneous (%)	0227	1.040	0.0200				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.530	0.0200	1.670	0.0872	0.0306	24	-1.61	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.579	0.0000	1.670	0.0872	0.0306	24	-1.05	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2198	1.585	0.0100	1.670	0.0872	0.0306	24	-0.98	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.600	0.0000	1.670	0.0872	0.0306	24	-0.81	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.607	0.0150	1.670	0.0872	0.0306	24	-0.73	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.615	0.0300	1.670	0.0872	0.0306	24	-0.63	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.620	0.0040	1.670	0.0872	0.0306	24	-0.58	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.625	0.0450	1.670	0.0872	0.0306	24	-0.52	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.627	0.0110	1.670	0.0872	0.0306	24	-0.50	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.638	0.0350	1.670	0.0872	0.0306	24	-0.38	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.640	0.0400	1.670	0.0872	0.0306	24	-0.35	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.655	0.0300	1.670	0.0872	0.0306	24	-0.17	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.659	0.0130	1.670	0.0872	0.0306	24	-0.13	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.660	0.0000	1.670	0.0872	0.0306	24	-0.12	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0208	1.665	0.0300	1.670	0.0872	0.0306	24	-0.06	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.675	0.0100	1.670	0.0872	0.0306	24	0.05	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.702	0.0100	1.670	0.0872	0.0306	24	0.36	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.710	0.0600	1.670	0.0872	0.0306	24	0.46	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.719	0.0270	1.670	0.0872	0.0306	24	0.55	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.766	0.1144	1.670	0.0872	0.0306	24	1.09	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0848	1.800	0.0600	1.670	0.0872	0.0306	24	1.49	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.824	0.0827	1.670	0.0872	0.0306	24	1.76	5%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.438	0.0371	1.670	0.0872	0.0306	24	8.80	23%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.755	0.0500	1.670	0.0872	0.0306	24	12.44	32%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.720	0.1600	1.670	0.0872	0.0306	24	0.57	1%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	1.696	0.0520				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.535	0.1300	1.709	0.1880	0.0813	4			0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.625	0.0300	1.709	0.1880	0.0813	4			0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.706	0.0010	1.709	0.1880	0.0813	4			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.971	0.1640	1.709	0.1880	0.0813	4			0
122.99	Aspartic, Miscellaneous (%)	0889	1.183	0.0450				3			0
122.99	Aspartic, Miscellaneous (%)	2144	1.565	0.1900				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			
122.99	Aspartic, Miscellaneous (%)	0227	1.670	0.0400				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.2050	0.0300	0.2587	0.0272	0.0119	26	-1.97	10%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.2150	0.0500	0.2587	0.0272	0.0119	26	-1.61	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.2166	0.0076	0.2587	0.0272	0.0119	26	-1.55	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.2200	0.0000	0.2587	0.0272	0.0119	26	-1.42	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.2400	0.0040	0.2587	0.0272	0.0119	26	-0.69	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.2450	0.0100	0.2587	0.0272	0.0119	26	-0.50	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.2450	0.0100	0.2587	0.0272	0.0119	26	-0.50	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.2485	0.0216	0.2587	0.0272	0.0119	26	-0.38	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.2490	0.0020	0.2587	0.0272	0.0119	26	-0.36	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.2500	0.0020	0.2587	0.0272	0.0119	26	-0.32	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.2500	0.0000	0.2587	0.0272	0.0119	26	-0.32	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.2590	0.0060	0.2587	0.0272	0.0119	26	0.01	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.2600	0.0400	0.2587	0.0272	0.0119	26	0.05	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.2625	0.0170	0.2587	0.0272	0.0119	26	0.14	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.2645	0.0050	0.2587	0.0272	0.0119	26	0.21	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.2650	0.0300	0.2587	0.0272	0.0119	26	0.23	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.2670	0.0060	0.2587	0.0272	0.0119	26	0.30	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.2690	0.0020	0.2587	0.0272	0.0119	26	0.38	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.2715	0.0070	0.2587	0.0272	0.0119	26	0.47	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.2730	0.0200	0.2587	0.0272	0.0119	26	0.52	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.2750	0.0100	0.2587	0.0272	0.0119	26	0.60	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2198	0.2750	0.0100	0.2587	0.0272	0.0119	26	0.60	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0208	0.2855	0.0110	0.2587	0.0272	0.0119	26	0.98	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.3010	0.0000	0.2587	0.0272	0.0119	26	1.55	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.3756	0.0076	0.2587	0.0272	0.0119	26	4.29	23%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0848	0.3800	0.0000	0.2587	0.0272	0.0119	26	4.45	23%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2199	1.474	0.0170	0.2587	0.0272	0.0119	26	44.61	235%	2
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.2670	0.0100				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.0527	0.0026	0.2196	0.0980	0.0055	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2160	0.0000	0.2196	0.0980	0.0055	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.2550	0.0100	0.2196	0.0980	0.0055	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2800	0.0000	0.2196	0.0980	0.0055	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2945	0.0150	0.2196	0.0980	0.0055	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.1200	0.0300				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2144	0.3550	0.0500				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	2.515	0.1900	2.753	0.2424	0.0530	25	-0.98	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.550	0.1200	2.753	0.2424	0.0530	25	-0.84	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	2.564	0.0570	2.753	0.2424	0.0530	25	-0.78	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2198	2.565	0.0100	2.753	0.2424	0.0530	25	-0.77	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.571	0.0070	2.753	0.2424	0.0530	25	-0.75	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.580	0.0800	2.753	0.2424	0.0530	25	-0.71	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 (%)	0571	2.596	0.0620	2.753	0.2424	0.0530	25	-0.65	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.600	0.0960	2.753	0.2424	0.0530	25	-0.63	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.615	0.0100	2.753	0.2424	0.0530	25	-0.57	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.615	0.0100	2.753	0.2424	0.0530	25	-0.57	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.619	0.0200	2.753	0.2424	0.0530	25	-0.55	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.637	0.0160	2.753	0.2424	0.0530	25	-0.48	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.644	0.0180	2.753	0.2424	0.0530	25	-0.45	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	2.645	0.0700	2.753	0.2424	0.0530	25	-0.44	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.690	0.0400	2.753	0.2424	0.0530	25	-0.26	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	2.763	0.0190	2.753	0.2424	0.0530	25	0.04	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	2.800	0.0200	2.753	0.2424	0.0530	25	0.19	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.866	0.0385	2.753	0.2424	0.0530	25	0.47	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.890	0.0800	2.753	0.2424	0.0530	25	0.57	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0208	2.915	0.0700	2.753	0.2424	0.0530	25	0.67	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	3.115	0.0000	2.753	0.2424	0.0530	25	1.49	7%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.128	0.0398	2.753	0.2424	0.0530	25	1.55	7%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0848	3.300	0.1000	2.753	0.2424	0.0530	25	2.26	10%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.849	0.1027	2.753	0.2424	0.0530	25	4.52	20%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.995	0.0500	2.753	0.2424	0.0530	25	5.12	23%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.685	0.1160				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	2.255	0.1300	2.599	0.3891	0.1543	5			0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.381	0.0000	2.599	0.3891	0.1543	5			0
125.05	Glutamic, Pre-col AQC Der (%)	2246	2.413	0.2996	2.599	0.3891	0.1543	5			0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.720	0.0400	2.599	0.3891	0.1543	5			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	3.224	0.3020	2.599	0.3891	0.1543	5			0
125.99	Glutamic, Miscellaneous (%)	2144	2.225	0.1500				3			0
125.99	Glutamic, Miscellaneous (%)	0889	2.610	0.1300				3			0
125.99	Glutamic, Miscellaneous (%)	0227	2.705	0.0300				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.7500	0.0000	0.8152	0.0380	0.0156	25	-1.72	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.7700	0.0000	0.8152	0.0380	0.0156	25	-1.19	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.7750	0.0300	0.8152	0.0380	0.0156	25	-1.06	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.7750	0.0100	0.8152	0.0380	0.0156	25	-1.06	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.7850	0.0100	0.8152	0.0380	0.0156	25	-0.79	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2198	0.7850	0.0100	0.8152	0.0380	0.0156	25	-0.79	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.7955	0.0230	0.8152	0.0380	0.0156	25	-0.52	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.8000	0.0200	0.8152	0.0380	0.0156	25	-0.40	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.8005	0.0050	0.8152	0.0380	0.0156	25	-0.39	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.8035	0.0130	0.8152	0.0380	0.0156	25	-0.31	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.8058	0.0104	0.8152	0.0380	0.0156	25	-0.25	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.8090	0.0060	0.8152	0.0380	0.0156	25	-0.16	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0208	0.8100	0.0200	0.8152	0.0380	0.0156	25	-0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.8100	0.0000	0.8152	0.0380	0.0156	25	-0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.8115	0.0110	0.8152	0.0380	0.0156	25	-0.10	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.8200	0.0600	0.8152	0.0380	0.0156	25	0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.8220	0.0060	0.8152	0.0380	0.0156	25	0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.8305	0.0010	0.8152	0.0380	0.0156	25	0.40	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.8355	0.0090	0.8152	0.0380	0.0156	25	0.53	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.8440	0.0000	0.8152	0.0380	0.0156	25	0.76	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0848	0.8450	0.0300	0.8152	0.0380	0.0156	25	0.78	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.8937	0.0335	0.8152	0.0380	0.0156	25	2.07	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.208	0.0331	0.8152	0.0380	0.0156	25	10.34	24%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	1.223	0.0000	0.8152	0.0380	0.0156	25	10.74	25%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.375	0.0500	0.8152	0.0380	0.0156	25	14.74	34%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.8025	0.0390				1			0
126.05	Glycine, Pre-col AQC Der (%)	2246	0.7260	0.0494	0.8159	0.1026	0.0369	5			0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.7330	0.0000	0.8159	0.1026	0.0369	5			0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.8200	0.0000	0.8159	0.1026	0.0369	5			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.8200	0.0600	0.8159	0.1026	0.0369	5			0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.9805	0.0750	0.8159	0.1026	0.0369	5			0
126.99	Glycine, Miscellaneous (%)	0889	0.2425	0.0050				3			0
126.99	Glycine, Miscellaneous (%)	2144	0.7850	0.0300				3			0
126.99	Glycine, Miscellaneous (%)	0227	0.8300	0.0000				3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3500	0.0000	0.3999	0.0317	0.0109	25	-1.57	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.3650	0.0100	0.3999	0.0317	0.0109	25	-1.10	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.3729	0.0077	0.3999	0.0317	0.0109	25	-0.85	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3750	0.0100	0.3999	0.0317	0.0109	25	-0.79	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2198	0.3750	0.0100	0.3999	0.0317	0.0109	25	-0.79	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3825	0.0070	0.3999	0.0317	0.0109	25	-0.55	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.3850	0.0100	0.3999	0.0317	0.0109	25	-0.47	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.3850	0.0100	0.3999	0.0317	0.0109	25	-0.47	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.3855	0.0050	0.3999	0.0317	0.0109	25	-0.45	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.3882	0.0154	0.3999	0.0317	0.0109	25	-0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.3885	0.0030	0.3999	0.0317	0.0109	25	-0.36	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.3895	0.0090	0.3999	0.0317	0.0109	25	-0.33	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.3900	0.0200	0.3999	0.0317	0.0109	25	-0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3910	0.0020	0.3999	0.0317	0.0109	25	-0.28	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.3940	0.0060	0.3999	0.0317	0.0109	25	-0.19	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0208	0.4000	0.0000	0.3999	0.0317	0.0109	25	0.00	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.4075	0.0050	0.3999	0.0317	0.0109	25	0.24	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.4085	0.0310	0.3999	0.0317	0.0109	25	0.27	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.4100	0.0200	0.3999	0.0317	0.0109	25	0.32	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0848	0.4150	0.0100	0.3999	0.0317	0.0109	25	0.48	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.4475	0.0170	0.3999	0.0317	0.0109	25	1.50	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.4500	0.0000	0.3999	0.0317	0.0109	25	1.58	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.4750	0.0500	0.3999	0.0317	0.0109	25	2.37	9%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.5389	0.0142	0.3999	0.0317	0.0109	25	4.38	17%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.7010	0.0000	0.3999	0.0317	0.0109	25	9.49	38%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2199	0.6760	0.0720	0.3999	0.0317	0.0109	25	8.70	35%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.3775	0.0190				1			0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.3724	0.0031	0.3983	0.0184	0.0033	4			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.4000	0.0000	0.3983	0.0184	0.0033	4			0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.4060	0.0000	0.3983	0.0184	0.0033	4			0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.4150	0.0100	0.3983	0.0184	0.0033	4			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.5295	0.0130	0.3983	0.0184	0.0033	4			2
127.99	Histidine, Miscellaneous (%)	0889	0.2425	0.0050				2			0
127.99	Histidine, Miscellaneous (%)	0227	0.4050	0.0100				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2199	0.4730	0.0160	0.6443	0.0705	0.0151	26	-2.43	13%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.5000	0.0200	0.6443	0.0705	0.0151	26	-2.05	11%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.5410	0.0100	0.6443	0.0705	0.0151	26	-1.47	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0848	0.5650	0.0100	0.6443	0.0705	0.0151	26	-1.13	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2198	0.5750	0.0100	0.6443	0.0705	0.0151	26	-0.98	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.5900	0.0400	0.6443	0.0705	0.0151	26	-0.77	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.6150	0.0100	0.6443	0.0705	0.0151	26	-0.42	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.6250	0.0300	0.6443	0.0705	0.0151	26	-0.27	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.6300	0.0200	0.6443	0.0705	0.0151	26	-0.20	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.6345	0.0070	0.6443	0.0705	0.0151	26	-0.14	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.6390	0.0120	0.6443	0.0705	0.0151	26	-0.08	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.6405	0.0150	0.6443	0.0705	0.0151	26	-0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.6480	0.0240	0.6443	0.0705	0.0151	26	0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.6500	0.0000	0.6443	0.0705	0.0151	26	0.08	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0208	0.6550	0.0100	0.6443	0.0705	0.0151	26	0.15	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.6550	0.0100	0.6443	0.0705	0.0151	26	0.15	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.6590	0.0040	0.6443	0.0705	0.0151	26	0.21	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.6665	0.0350	0.6443	0.0705	0.0151	26	0.32	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.6690	0.0000	0.6443	0.0705	0.0151	26	0.35	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.6730	0.0100	0.6443	0.0705	0.0151	26	0.41	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.6740	0.0020	0.6443	0.0705	0.0151	26	0.42	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.6750	0.0100	0.6443	0.0705	0.0151	26	0.44	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.7450	0.0000	0.6443	0.0705	0.0151	26	1.43	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.7781	0.0164	0.6443	0.0705	0.0151	26	1.90	10%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.9550	0.0500	0.6443	0.0705	0.0151	26	4.41	24%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.039	0.0215	0.6443	0.0705	0.0151	26	5.60	31%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.6460	0.0380				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.5794	0.0580	0.6754	0.0791	0.0422	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.6350	0.0300	0.6754	0.0791	0.0422	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.6800	0.0200	0.6754	0.0791	0.0422	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			
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.6890	0.0000	0.6754	0.0791	0.0422	5			0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.7935	0.1030	0.6754	0.0791	0.0422	5			0
128.99	Isoleucine, Miscellaneous (%)	0889	0.4150	0.0100				3			0
128.99	Isoleucine, Miscellaneous (%)	2144	0.6200	0.0000				3			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.6600	0.0000				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	2199	0.8385	0.0070	1.137	0.0658	0.0170	26	-4.53	13%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.039	0.0187	1.137	0.0658	0.0170	26	-1.48	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.075	0.0100	1.137	0.0658	0.0170	26	-0.94	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.080	0.0200	1.137	0.0658	0.0170	26	-0.86	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2198	1.085	0.0100	1.137	0.0658	0.0170	26	-0.79	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.090	0.0000	1.137	0.0658	0.0170	26	-0.71	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.095	0.0100	1.137	0.0658	0.0170	26	-0.63	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.100	0.0200	1.137	0.0658	0.0170	26	-0.56	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0208	1.115	0.0100	1.137	0.0658	0.0170	26	-0.33	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.121	0.0050	1.137	0.0658	0.0170	26	-0.25	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.125	0.0300	1.137	0.0658	0.0170	26	-0.18	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.125	0.0300	1.137	0.0658	0.0170	26	-0.18	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.129	0.0190	1.137	0.0658	0.0170	26	-0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.131	0.0150	1.137	0.0658	0.0170	26	-0.09	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.132	0.0010	1.137	0.0658	0.0170	26	-0.08	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.134	0.0120	1.137	0.0658	0.0170	26	-0.04	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.140	0.0000	1.137	0.0658	0.0170	26	0.05	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.144	0.0090	1.137	0.0658	0.0170	26	0.10	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.152	0.0390	1.137	0.0658	0.0170	26	0.23	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.164	0.0200	1.137	0.0658	0.0170	26	0.42	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.180	0.0000	1.137	0.0658	0.0170	26	0.66	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0848	1.220	0.0400	1.137	0.0658	0.0170	26	1.27	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.266	0.0249	1.137	0.0658	0.0170	26	1.97	6%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.672	0.0000	1.137	0.0658	0.0170	26	8.14	24%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.755	0.0412	1.137	0.0658	0.0170	26	9.40	27%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	2.075	0.0500	1.137	0.0658	0.0170	26	14.27	41%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.133	0.0490				1			0
129.05	Leucine, Pre-col AQC Der (%)	2246	1.026	0.1052	1.159	0.1154	0.0476	5			0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.130	0.0200	1.159	0.1154	0.0476	5			0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.146	0.0000	1.159	0.1154	0.0476	5			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.150	0.0200	1.159	0.1154	0.0476	5			0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.345	0.0930	1.159	0.1154	0.0476	5			0
129.99	Leucine, Miscellaneous (%)	0889	0.9125	0.0250				3			0
129.99	Leucine, Miscellaneous (%)	2144	1.095	0.0300				3			0
129.99	Leucine, Miscellaneous (%)	0227	1.155	0.0100				3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.7200	0.0400	0.8573	0.0474	0.0198	26	-2.89	8%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2199	0.7255	0.0130	0.8573	0.0474	0.0198	26	-2.78	8%	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 (%)	0939	0.8050	0.0100	0.8573	0.0474	0.0198	26	-1.10	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.8100	0.0200	0.8573	0.0474	0.0198	26	-1.00	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0208	0.8150	0.0100	0.8573	0.0474	0.0198	26	-0.89	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.8200	0.0200	0.8573	0.0474	0.0198	26	-0.79	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.8330	0.0040	0.8573	0.0474	0.0198	26	-0.51	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.8400	0.0200	0.8573	0.0474	0.0198	26	-0.36	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.8405	0.0190	0.8573	0.0474	0.0198	26	-0.35	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.8420	0.0000	0.8573	0.0474	0.0198	26	-0.32	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.8480	0.0360	0.8573	0.0474	0.0198	26	-0.20	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.8515	0.0430	0.8573	0.0474	0.0198	26	-0.12	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.8515	0.0190	0.8573	0.0474	0.0198	26	-0.12	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.8520	0.0180	0.8573	0.0474	0.0198	26	-0.11	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.8550	0.0040	0.8573	0.0474	0.0198	26	-0.05	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.8610	0.0140	0.8573	0.0474	0.0198	26	0.08	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.8625	0.0170	0.8573	0.0474	0.0198	26	0.11	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.8700	0.0000	0.8573	0.0474	0.0198	26	0.27	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2198	0.8700	0.0200	0.8573	0.0474	0.0198	26	0.27	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.8900	0.0200	0.8573	0.0474	0.0198	26	0.69	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.8900	0.0000	0.8573	0.0474	0.0198	26	0.69	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.9030	0.0453	0.8573	0.0474	0.0198	26	0.96	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.9250	0.0300	0.8573	0.0474	0.0198	26	1.43	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.9251	0.0069	0.8573	0.0474	0.0198	26	1.43	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.228	0.0354	0.8573	0.0474	0.0198	26	7.82	22%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.565	0.0500	0.8573	0.0474	0.0198	26	14.92	41%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.8285	0.0190				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.6880	0.0754	0.8318	0.1173	0.0471	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.7850	0.0300	0.8318	0.1173	0.0471	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.8050	0.0100	0.8318	0.1173	0.0471	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.8780	0.0000	0.8318	0.1173	0.0471	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	1.003	0.1200	0.8318	0.1173	0.0471	5			0
130.99	L-Lysine, Miscellaneous (%)	0889	0.8425	0.1150	0.9056	0.0482	0.0648	4			0
130.99	L-Lysine, Miscellaneous (%)	2144	0.9100	0.0600	0.9056	0.0482	0.0648	4			0
130.99	L-Lysine, Miscellaneous (%)	0016	0.9100	0.0240	0.9056	0.0482	0.0648	4			0
130.99	L-Lysine, Miscellaneous (%)	0227	0.9600	0.0600	0.9056	0.0482	0.0648	4			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.1850	0.0500	0.3685	0.0303	0.0173	26	-6.06	25%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.3150	0.0100	0.3685	0.0303	0.0173	26	-1.76	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.3240	0.0000	0.3685	0.0303	0.0173	26	-1.47	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.3400	0.0600	0.3685	0.0303	0.0173	26	-0.94	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.3400	0.0200	0.3685	0.0303	0.0173	26	-0.94	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.3445	0.0110	0.3685	0.0303	0.0173	26	-0.79	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.3540	0.0100	0.3685	0.0303	0.0173	26	-0.48	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.3550	0.0100	0.3685	0.0303	0.0173	26	-0.44	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			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.3563	0.0131	0.3685	0.0303	0.0173	26	-0.40	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.3565	0.0070	0.3685	0.0303	0.0173	26	-0.39	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.3645	0.0410	0.3685	0.0303	0.0173	26	-0.13	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.3650	0.0100	0.3685	0.0303	0.0173	26	-0.11	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2198	0.3650	0.0100	0.3685	0.0303	0.0173	26	-0.11	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.3700	0.0600	0.3685	0.0303	0.0173	26	0.05	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0208	0.3725	0.0410	0.3685	0.0303	0.0173	26	0.13	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.3745	0.0050	0.3685	0.0303	0.0173	26	0.20	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.3775	0.0110	0.3685	0.0303	0.0173	26	0.30	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.3800	0.0200	0.3685	0.0303	0.0173	26	0.38	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.3845	0.0050	0.3685	0.0303	0.0173	26	0.53	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.3845	0.0010	0.3685	0.0303	0.0173	26	0.53	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.3920	0.0060	0.3685	0.0303	0.0173	26	0.78	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.4000	0.0200	0.3685	0.0303	0.0173	26	1.04	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.4025	0.0050	0.3685	0.0303	0.0173	26	1.12	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.4050	0.0100	0.3685	0.0303	0.0173	26	1.21	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.4124	0.0140	0.3685	0.0303	0.0173	26	1.45	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.6289	0.0005	0.3685	0.0303	0.0173	26	8.59	35%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2199	0.9625	0.2550	0.3685	0.0303	0.0173	26	19.61	81%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.3660	0.0120				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.1982	0.0077	0.3135	0.0685	0.0073	5			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.3170	0.0000	0.3135	0.0685	0.0073	5			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0016	0.3225	0.0090	0.3135	0.0685	0.0073	5			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.3600	0.0200	0.3135	0.0685	0.0073	5			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.3700	0.0000	0.3135	0.0685	0.0073	5			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.4980	0.3060	0.3135	0.0685	0.0073	5			1
131.99	Methionine, Miscellaneous (%)	0889	0.1700	0.0100				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2199	0.5640	0.0640	0.7542	0.0483	0.0199	26	-3.93	13%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.6860	0.0080	0.7542	0.0483	0.0199	26	-1.41	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.7050	0.0500	0.7542	0.0483	0.0199	26	-1.02	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.7100	0.0000	0.7542	0.0483	0.0199	26	-0.91	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.7200	0.0400	0.7542	0.0483	0.0199	26	-0.71	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2198	0.7250	0.0100	0.7542	0.0483	0.0199	26	-0.60	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.7300	0.0200	0.7542	0.0483	0.0199	26	-0.50	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.7310	0.0180	0.7542	0.0483	0.0199	26	-0.48	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.7330	0.0080	0.7542	0.0483	0.0199	26	-0.44	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.7345	0.0290	0.7542	0.0483	0.0199	26	-0.41	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.7350	0.0300	0.7542	0.0483	0.0199	26	-0.40	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.7385	0.0170	0.7542	0.0483	0.0199	26	-0.32	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.7400	0.0200	0.7542	0.0483	0.0199	26	-0.29	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.7435	0.0090	0.7542	0.0483	0.0199	26	-0.22	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0208	0.7550	0.0100	0.7542	0.0483	0.0199	26	0.02	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	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.7565	0.0010	0.7542	0.0483	0.0199	26	0.05	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.7621	0.0143	0.7542	0.0483	0.0199	26	0.16	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.7650	0.0300	0.7542	0.0483	0.0199	26	0.22	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.7655	0.0050	0.7542	0.0483	0.0199	26	0.23	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.7885	0.0170	0.7542	0.0483	0.0199	26	0.71	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.7934	0.0173	0.7542	0.0483	0.0199	26	0.81	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0848	0.8100	0.0200	0.7542	0.0483	0.0199	26	1.15	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.8200	0.0000	0.7542	0.0483	0.0199	26	1.36	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	1.025	0.0500	0.7542	0.0483	0.0199	26	5.60	18%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	1.067	0.0000	0.7542	0.0483	0.0199	26	6.47	21%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.222	0.0292	0.7542	0.0483	0.0199	26	9.68	31%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.7440	0.0240				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.6970	0.0409	0.7714	0.0683	0.0182	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.7140	0.0000	0.7714	0.0683	0.0182	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.7800	0.0000	0.7714	0.0683	0.0182	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.8000	0.0200	0.7714	0.0683	0.0182	5			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.8660	0.0300	0.7714	0.0683	0.0182	5			0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.6625	0.0050				3			0
132.99	Phenylalanine, Miscellaneous (%)	2144	0.7250	0.0300				3			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.7550	0.0100				3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	0.8050	0.0100	0.9206	0.0682	0.0161	25	-1.69	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.8450	0.0300	0.9206	0.0682	0.0161	25	-1.11	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.8490	0.0180	0.9206	0.0682	0.0161	25	-1.05	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.8540	0.0098	0.9206	0.0682	0.0161	25	-0.98	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	0.8600	0.0000	0.9206	0.0682	0.0161	25	-0.89	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.8810	0.0140	0.9206	0.0682	0.0161	25	-0.58	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.8855	0.0030	0.9206	0.0682	0.0161	25	-0.51	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.8910	0.0340	0.9206	0.0682	0.0161	25	-0.43	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.8970	0.0020	0.9206	0.0682	0.0161	25	-0.35	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.9000	0.0400	0.9206	0.0682	0.0161	25	-0.30	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	0.9055	0.0010	0.9206	0.0682	0.0161	25	-0.22	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.9060	0.0020	0.9206	0.0682	0.0161	25	-0.21	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	0.9100	0.0000	0.9206	0.0682	0.0161	25	-0.16	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2198	0.9100	0.0200	0.9206	0.0682	0.0161	25	-0.16	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.9200	0.0260	0.9206	0.0682	0.0161	25	-0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.9250	0.0100	0.9206	0.0682	0.0161	25	0.06	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0208	0.9300	0.0000	0.9206	0.0682	0.0161	25	0.14	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	0.9370	0.0080	0.9206	0.0682	0.0161	25	0.24	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.9400	0.0200	0.9206	0.0682	0.0161	25	0.28	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	0.9441	0.0378	0.9206	0.0682	0.0161	25	0.34	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.015	0.0100	0.9206	0.0682	0.0161	25	1.38	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0848	1.085	0.0100	0.9206	0.0682	0.0161	25	2.41	9%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.158	0.0000	0.9206	0.0682	0.0161	25	3.48	13%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.961	0.0469	0.9206	0.0682	0.0161	25	15.25	56%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	2.335	0.0500	0.9206	0.0682	0.0161	25	20.74	77%	0
133.05	Proline, Pre-col AQC Der (%)	2246	0.8391	0.0789	0.9276	0.0747	0.0458	5			0
133.05	Proline, Pre-col AQC Der (%)	0148	0.9100	0.0000	0.9276	0.0747	0.0458	5			0
133.05	Proline, Pre-col AQC Der (%)	0676	0.9150	0.0100	0.9276	0.0747	0.0458	5			0
133.05	Proline, Pre-col AQC Der (%)	2196	0.9280	0.0000	0.9276	0.0747	0.0458	5			0
133.05	Proline, Pre-col AQC Der (%)	0407	1.046	0.1400	0.9276	0.0747	0.0458	5			0
133.99	Proline, Miscellaneous (%)	0889	0.5800	0.0400				3			0
133.99	Proline, Miscellaneous (%)	2144	0.8900	0.0800				3			0
133.99	Proline, Miscellaneous (%)	0227	0.9300	0.0000				3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.6650	0.0300	0.7989	0.0647	0.0204	25	-2.07	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.7255	0.0030	0.7989	0.0647	0.0204	25	-1.13	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.7480	0.0040	0.7989	0.0647	0.0204	25	-0.79	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.7495	0.0090	0.7989	0.0647	0.0204	25	-0.76	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.7500	0.0280	0.7989	0.0647	0.0204	25	-0.76	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.7545	0.0030	0.7989	0.0647	0.0204	25	-0.69	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.7550	0.0300	0.7989	0.0647	0.0204	25	-0.68	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.7600	0.0400	0.7989	0.0647	0.0204	25	-0.60	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.7600	0.0200	0.7989	0.0647	0.0204	25	-0.60	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0208	0.7700	0.0200	0.7989	0.0647	0.0204	25	-0.45	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.7775	0.0150	0.7989	0.0647	0.0204	25	-0.33	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.7850	0.0100	0.7989	0.0647	0.0204	25	-0.21	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2198	0.7850	0.0100	0.7989	0.0647	0.0204	25	-0.21	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.7900	0.0040	0.7989	0.0647	0.0204	25	-0.14	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.7905	0.0110	0.7989	0.0647	0.0204	25	-0.13	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.8050	0.0100	0.7989	0.0647	0.0204	25	0.09	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.8100	0.0020	0.7989	0.0647	0.0204	25	0.17	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.8150	0.0100	0.7989	0.0647	0.0204	25	0.25	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.8325	0.0306	0.7989	0.0647	0.0204	25	0.52	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.8600	0.0600	0.7989	0.0647	0.0204	25	0.95	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.8634	0.0482	0.7989	0.0647	0.0204	25	1.00	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0848	0.9150	0.0300	0.7989	0.0647	0.0204	25	1.80	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	1.105	0.0000	0.7989	0.0647	0.0204	25	4.74	19%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.135	0.0328	0.7989	0.0647	0.0204	25	5.20	21%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.185	0.0500	0.7989	0.0647	0.0204	25	5.97	24%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.7310	0.0180				1			0
134.05	Serine, Pre-col AQC Der (%)	2246	0.7471	0.0627	0.7747	0.0196	0.0363	5			0
134.05	Serine, Pre-col AQC Der (%)	2196	0.7610	0.0000	0.7747	0.0196	0.0363	5			0
134.05	Serine, Pre-col AQC Der (%)	0148	0.7850	0.0100	0.7747	0.0196	0.0363	5			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.7900	0.0200	0.7747	0.0196	0.0363	5			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.7905	0.0890	0.7747	0.0196	0.0363	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			
134.99	Serine, Miscellaneous (%)	2144	0.6900	0.0600				3			0
134.99	Serine, Miscellaneous (%)	0227	0.7850	0.0100				3			0
134.99	Serine, Miscellaneous (%)	0889	1.003	0.0050				3			0
135.00	Threonine, Post-col Ninhydrin Der (%)	2199	0.5095	0.0010	0.6323	0.0387	0.0139	26	-3.17	10%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.5950	0.0100	0.6323	0.0387	0.0139	26	-0.96	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.6000	0.0200	0.6323	0.0387	0.0139	26	-0.84	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.6050	0.0300	0.6323	0.0387	0.0139	26	-0.71	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.6050	0.0100	0.6323	0.0387	0.0139	26	-0.71	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.6080	0.0000	0.6323	0.0387	0.0139	26	-0.63	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.6100	0.0400	0.6323	0.0387	0.0139	26	-0.58	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.6100	0.0000	0.6323	0.0387	0.0139	26	-0.58	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.6120	0.0000	0.6323	0.0387	0.0139	26	-0.53	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.6150	0.0160	0.6323	0.0387	0.0139	26	-0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.6150	0.0000	0.6323	0.0387	0.0139	26	-0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.6160	0.0080	0.6323	0.0387	0.0139	26	-0.42	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.6175	0.0090	0.6323	0.0387	0.0139	26	-0.38	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.6200	0.0000	0.6323	0.0387	0.0139	26	-0.32	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.6265	0.0270	0.6323	0.0387	0.0139	26	-0.15	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0208	0.6300	0.0200	0.6323	0.0387	0.0139	26	-0.06	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2198	0.6300	0.0000	0.6323	0.0387	0.0139	26	-0.06	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.6325	0.0010	0.6323	0.0387	0.0139	26	0.00	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.6475	0.0070	0.6323	0.0387	0.0139	26	0.39	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.6564	0.0083	0.6323	0.0387	0.0139	26	0.62	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.6650	0.0100	0.6323	0.0387	0.0139	26	0.84	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.6886	0.0462	0.6323	0.0387	0.0139	26	1.45	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0848	0.7200	0.0200	0.6323	0.0387	0.0139	26	2.27	7%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.8660	0.0000	0.6323	0.0387	0.0139	26	6.04	18%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.9383	0.0275	0.6323	0.0387	0.0139	26	7.91	24%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	1.185	0.0500	0.6323	0.0387	0.0139	26	14.28	44%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.6140	0.0320				1			0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.5610	0.0000	0.6219	0.0405	0.0274	5			0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.6046	0.0432	0.6219	0.0405	0.0274	5			0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.6300	0.0000	0.6219	0.0405	0.0274	5			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.6550	0.0300	0.6219	0.0405	0.0274	5			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.6590	0.0640	0.6219	0.0405	0.0274	5			0
135.99	Threonine, Miscellaneous (%)	0227	0.6400	0.0200				2			0
135.99	Threonine, Miscellaneous (%)	0889	0.7525	0.0050				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0171	0.1750	0.0100	0.2232	0.0373	0.0057	7	-1.29	11%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.2000	0.0000	0.2232	0.0373	0.0057	7	-0.62	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.2095	0.0116	0.2232	0.0373	0.0057	7	-0.37	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.2230	0.0080	0.2232	0.0373	0.0057	7	-0.01	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2300	0.0000	0.2232	0.0373	0.0057	7	0.18	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			
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.2500	0.0000	0.2232	0.0373	0.0057	7	0.72	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2750	0.0100	0.2232	0.0373	0.0057	7	1.39	12%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2198	0.1750	0.0100	0.2066	0.0266	0.0048	5			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0208	0.1815	0.0010	0.2066	0.0266	0.0048	5			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.2190	0.0020	0.2066	0.0266	0.0048	5			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.2230	0.0020	0.2066	0.0266	0.0048	5			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.2345	0.0090	0.2066	0.0266	0.0048	5			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2120	0.0120				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.2150	0.0100	0.2357	0.0197	0.0053	6	-1.05	4%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.2265	0.0010	0.2357	0.0197	0.0053	6	-0.47	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.2275	0.0030	0.2357	0.0197	0.0053	6	-0.42	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.2371	0.0156	0.2357	0.0197	0.0053	6	0.07	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.2430	0.0020	0.2357	0.0197	0.0053	6	0.37	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2800	0.0000	0.2357	0.0197	0.0053	6	2.24	9%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.0759	0.0075				2			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1365	0.0310				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1900	0.0000				2			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.5325	0.0050				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.2950	0.0300	0.5065	0.0955	0.0198	18	-2.21	21%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2198	0.3850	0.0100	0.5065	0.0955	0.0198	18	-1.27	12%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.4350	0.0100	0.5065	0.0955	0.0198	18	-0.75	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0848	0.4450	0.0100	0.5065	0.0955	0.0198	18	-0.64	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.4560	0.0260	0.5065	0.0955	0.0198	18	-0.53	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.4597	0.0068	0.5065	0.0955	0.0198	18	-0.49	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.4700	0.0800	0.5065	0.0955	0.0198	18	-0.38	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.4785	0.0110	0.5065	0.0955	0.0198	18	-0.29	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0208	0.4850	0.0100	0.5065	0.0955	0.0198	18	-0.22	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.4850	0.0100	0.5065	0.0955	0.0198	18	-0.22	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.5200	0.0140	0.5065	0.0955	0.0198	18	0.14	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.5240	0.0080	0.5065	0.0955	0.0198	18	0.18	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.5350	0.0500	0.5065	0.0955	0.0198	18	0.30	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.5510	0.0020	0.5065	0.0955	0.0198	18	0.47	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.5812	0.0179	0.5065	0.0955	0.0198	18	0.78	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.6450	0.0100	0.5065	0.0955	0.0198	18	1.45	14%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.6480	0.0000	0.5065	0.0955	0.0198	18	1.48	14%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.9050	0.0500	0.5065	0.0955	0.0198	18	4.17	39%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	25.76	50.49	0.5065	0.0955	0.0198	18	264.45	2493%	2
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.5255	0.0230				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.3287	0.0135	0.5099	0.1307	0.0184	4			0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.5010	0.0000	0.5099	0.1307	0.0184	4			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.5950	0.0300	0.5099	0.1307	0.0184	4			0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.6150	0.0300	0.5099	0.1307	0.0184	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			
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.9605	0.2190	0.5099	0.1307	0.0184	4			1
137.99	Tyrosine, Miscellaneous (%)	0227	0.4750	0.0100				3			0
137.99	Tyrosine, Miscellaneous (%)	0889	0.5325	0.0050				3			0
137.99	Tyrosine, Miscellaneous (%)	2144	0.5400	0.0400				3			0
138.00	Valine, Post-col Ninhydrin Der (%)	2199	0.6290	0.0540	0.7753	0.0748	0.0190	26	-1.96	9%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.6590	0.0014	0.7753	0.0748	0.0190	26	-1.56	8%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.6750	0.0300	0.7753	0.0748	0.0190	26	-1.34	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0848	0.6800	0.0000	0.7753	0.0748	0.0190	26	-1.27	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.7200	0.0400	0.7753	0.0748	0.0190	26	-0.74	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2198	0.7200	0.0000	0.7753	0.0748	0.0190	26	-0.74	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.7250	0.0300	0.7753	0.0748	0.0190	26	-0.67	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.7350	0.0500	0.7753	0.0748	0.0190	26	-0.54	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.7620	0.0160	0.7753	0.0748	0.0190	26	-0.18	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.7640	0.0160	0.7753	0.0748	0.0190	26	-0.15	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.7650	0.0300	0.7753	0.0748	0.0190	26	-0.14	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.7670	0.0120	0.7753	0.0748	0.0190	26	-0.11	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.7781	0.0164	0.7753	0.0748	0.0190	26	0.04	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.7845	0.0070	0.7753	0.0748	0.0190	26	0.12	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.7910	0.0520	0.7753	0.0748	0.0190	26	0.21	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.7910	0.0040	0.7753	0.0748	0.0190	26	0.21	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.7985	0.0130	0.7753	0.0748	0.0190	26	0.31	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.8000	0.0000	0.7753	0.0748	0.0190	26	0.33	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.8015	0.0050	0.7753	0.0748	0.0190	26	0.35	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.8100	0.0200	0.7753	0.0748	0.0190	26	0.46	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.8120	0.0100	0.7753	0.0748	0.0190	26	0.49	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.8200	0.0000	0.7753	0.0748	0.0190	26	0.60	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0208	0.8700	0.0200	0.7753	0.0748	0.0190	26	1.27	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	1.179	0.0000	0.7753	0.0748	0.0190	26	5.40	26%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.191	0.0176	0.7753	0.0748	0.0190	26	5.56	27%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.375	0.0500	0.7753	0.0748	0.0190	26	8.02	39%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.8205	0.0430				1			0
138.05	Valine, Pre-col AQC Der (%)	2246	0.7473	0.0709	0.7726	0.0215	0.0327	4			0
138.05	Valine, Pre-col AQC Der (%)	2196	0.7630	0.0000	0.7726	0.0215	0.0327	4			0
138.05	Valine, Pre-col AQC Der (%)	0676	0.7850	0.0500	0.7726	0.0215	0.0327	4			0
138.05	Valine, Pre-col AQC Der (%)	0148	0.7950	0.0100	0.7726	0.0215	0.0327	4			0
138.05	Valine, Pre-col AQC Der (%)	0407	0.9245	0.0970	0.7726	0.0215	0.0327	4			2
138.99	Valine, Miscellaneous (%)	0889	0.5450	0.0100				3			0
138.99	Valine, Miscellaneous (%)	2144	0.7450	0.0100				3			0
138.99	Valine, Miscellaneous (%)	0227	0.8500	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0900	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.2050	0.0300				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5

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139.05	Taurine, Pre-col AQC Der (%)	0407	0.0055	0.0010				1			0
139.99	Taurine, Miscellaneous (%)	0889	0.0300	0.0000				1			0
140.01	Lysine Free, LC-PCD (%)	0512	0.8166	0.0061				1			0
141.00	Methionine Free, LC-PCD (%)	0512	0.4123	0.0082				1			0
160.10	Fructose, HPAEC PAD (%)	0297	0.1075	0.0090				1			0
160.99	Fructose, Miscellaneous (%)	0227	0.6800	0.0200				1			0
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.0930	0.0200				1			0
162.99	Glucose, Miscellaneous (%)	0227	0.3000	0.0400				1			0
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.10	Maltose, HPAEC PAD (%)	0297	0.1055	0.0050				1			0
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5
165.10	Sucrose, HPAEC PAD (%)	0297	1.777	0.0090				1			0
165.99	Sucrose, Miscellaneous (%)	0227	2.140	0.1000				1			0
166.10	Raffinose, HPAEC PAD (%)	0297	0.5000	0.0220				1			0
166.99	Raffinose, Miscellaneous (%)	0227	0.5500	0.0200				1			0
167.10	Stachyose, HPAEC PAD (%)	0297	0.7250	0.0400				1			0
167.99	Stachyose, Miscellaneous (%)	0227	0.7700	0.0000				1			0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.4800	0.0200	0.4973	0.0209	0.0055	7	-0.83	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.4822	0.0009	0.4973	0.0209	0.0055	7	-0.72	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.4825	0.0050	0.4973	0.0209	0.0055	7	-0.71	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4905	0.0030	0.4973	0.0209	0.0055	7	-0.33	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.5073	0.0001	0.4973	0.0209	0.0055	7	0.48	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.5100	0.0060	0.4973	0.0209	0.0055	7	0.61	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.5309	0.0036	0.4973	0.0209	0.0055	7	1.61	3%	0
400.99	Water Activity, Miscellaneous (Units)	0843	0.4810	0.0000				3			0
400.99	Water Activity, Miscellaneous (Units)	2033	0.5025	0.0030				3			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.5985	0.0050				3			0
412.01	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	5.925	0.0900				1			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0171	0.4050	0.0140				1			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0407	1.412	0.1340				1			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0682	< 10					1			5
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0186	0.4390	0.0160				2			0
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0910	0.4950	0.0100				2			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0553	0.4615	0.0190	0.4889	0.0187	0.0133	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0227	0.4925	0.0170	0.4889	0.0187	0.0133	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0939	0.5000	0.0000	0.4889	0.0187	0.0133	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	2012	0.5015	0.0170	0.4889	0.0187	0.0133	4			0
518.31	Cadmium, AAS, Dry ash (ppm)	0689	0.1500	0.0200				1			0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.2610	0.0020				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.2817	0.0821				2			0

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518.43	Cadmium, ICP, Microwave (ppm)	0682	0.2860	0.0000				3		0	
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.2915	0.0290				3		0	
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.3035	0.0010				3		0	
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.3090	0.0040				2		0	
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.3300	0.0200				2		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	2012	0.3020	0.0060	0.3186	0.0119	0.0098	4		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.3195	0.0090	0.3186	0.0119	0.0098	4		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.3230	0.0040	0.3186	0.0119	0.0098	4		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0939	0.3300	0.0200	0.3186	0.0119	0.0098	4		0	
520.41	Chromium, ICP, Dry ash (ppm)	0407	6.958	0.1540				2		0	
520.41	Chromium, ICP, Dry ash (ppm)	0171	8.257	0.2120				2		0	
520.42	Chromium, ICP, Open vessel (ppm)	0096	12.86	3.477				2		0	
520.42	Chromium, ICP, Open vessel (ppm)	0693	13.56	0.4672				2		0	
520.43	Chromium, ICP, Microwave (ppm)	0968	10.71	0.0360				3		0	
520.43	Chromium, ICP, Microwave (ppm)	0682	15.38	0.0000				3		0	
520.43	Chromium, ICP, Microwave (ppm)	0510	17.33	0.3000				3		0	
520.43	Chromium, ICP, Microwave (ppm)	0407	15.03	2.228				3		1	
520.52	Chromium, ICP-MS, Open vessel (ppm)	0186	7.070	0.1200				1		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0164	15.35	0.5000				3		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0939	15.91	0.0200				3		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	17.30	0.0000				3		0	
526.31	Lead, AAS, Dry ash (ppm)	0689	1.600	0.4000				1		0	
526.41	Lead, ICP, Dry ash (ppm)	0171	0.8680	0.0240				2		0	
526.41	Lead, ICP, Dry ash (ppm)	0407	0.9400	0.2120				2		0	
526.43	Lead, ICP, Microwave (ppm)	0968	0.9715	0.0130				2		0	
526.43	Lead, ICP, Microwave (ppm)	0407	1.351	0.4177				2		0	
526.43	Lead, ICP, Microwave (ppm)	0682	< 3					2		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	1.260	0.0200				2		0	
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	1.335	0.1500				2		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0553	1.155	0.0500	1.230	0.0923	0.0435	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	2012	1.156	0.0440	1.230	0.0923	0.0435	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	1.265	0.0100	1.230	0.0923	0.0435	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0939	1.345	0.0700	1.230	0.0923	0.0435	4		0	
529.00	Mercury, Cold vapor (ppb)	2198	2.950	0.1000				1		0	
529.99	Mercury, Miscellaneous (ppb)	2012	2.759	0.2060				2		0	
529.99	Mercury, Miscellaneous (ppb)	0939	59.50	9.000				2		0	
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					2		5	
539.41	Nickel, ICP, Dry ash (ppm)	0171	5.704	0.0740				2		0	
539.41	Nickel, ICP, Dry ash (ppm)	0407	5.718	0.7843				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	6.450	0.0000				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	6.774	0.1233				2		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	3.415	0.1100				1		0	

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539.53	Nickel, ICP-MS, Microwave (ppm)	0553	6.775	0.7900				2		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	7.040	0.0200				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.0020	0.0000				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	0.0100	0.0020				2		0	
714.99	Myristic Acid (14:0 ), Miscellaneous (% (w/w))	0910	0.5350	0.0100				2		0	
714.99	Myristic Acid (14:0 ), Miscellaneous (% (w/w))	0164	< 0.02					2		5	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.4110	0.0000				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.4900	0.0400				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0910	17.88	0.4000				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0110	0.0000				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0180	0.0040				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0910	0.3200	0.0400				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	< 0.04					3		5	
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0910	0.3200	0.0400				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.1155	0.0010				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.1250	0.0100				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0910	5.590	0.2000				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.3160	0.0060				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.4200	0.0200				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0910	16.82	0.0800				3		0	
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alk	0148	0.9850	0.0120				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	0.9470	0.0220				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	0.9550	0.0500				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	1.017	0.0000				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0910	48.09	0.1200				3		2	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.1290	0.0080				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	0.1300	0.0000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.1435	0.0010				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0910	5.905	0.0100				3		2	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0115	0.0010				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0910	0.4600	0.0600				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	< 0.02					2		5	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0090	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 (% (w/w))	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	< 0.005					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0165	0.0030				2		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0910	0.4900	0.0200				2		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					2		5	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
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	< 0.005						0		5
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0235	0.0010					2		0
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0910	0.4300	0.0200					2		0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0910	0.3750	0.0300					1		0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	< 0.005						1		5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005						0		5
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Method	0148	0.1495	0.0030					1		0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous	0164	0.1300	0.0000					2		0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous	0676	0.1400	0.0000					2		0
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct Method	0148	0.9850	0.0120					1		0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous	0164	0.9350	0.0300					2		0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous	0676	1.020	0.0000					2		0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.7050	0.0500					1		0
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.4450	0.0100					1		0
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.090	0.0600					1		0
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	2.370	0.0400					1		0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	2.007	0.0250					2		0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	2.270	0.0400					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.