

Labs Reporting: 195
 # Methods Reported 388
 Issue Date : 07/31/2019

Animal Feed Scheme
Poultry Feed

Test Material Code # 201926

Method Proficiency Testing Report

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.1000	0.0000				1		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.815	0.0300				3		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.000	0.0200				3		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.081	0.0090				3		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.655	0.1900				3		1	
001.03	Loss on Drying, Low temp. methods (%)	0868	8.785	0.0100	9.050	0.2116	0.0543	6	-1.25	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	8.879	0.0057	9.050	0.2116	0.0543	6	-0.81	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.090	0.0200	9.050	0.2116	0.0543	6	0.19	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	9.115	0.1100	9.050	0.2116	0.0543	6	0.31	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0843	9.130	0.1600	9.050	0.2116	0.0543	6	0.38	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	9.300	0.0200	9.050	0.2116	0.0543	6	1.18	1%	0
001.05	Loss on Drying, LECO (%)	0610	8.830	0.0200				2		0	
001.05	Loss on Drying, LECO (%)	0644	9.210	0.0200				2		0	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	7.920	0.1000	8.793	0.4035	0.1339	48	-2.16	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	8.000	0.0800	8.793	0.4035	0.1339	48	-1.97	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.105	0.3700	8.793	0.4035	0.1339	48	-1.70	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	8.110	0.1000	8.793	0.4035	0.1339	48	-1.69	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	8.176	0.1180	8.793	0.4035	0.1339	48	-1.53	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	8.220	0.2000	8.793	0.4035	0.1339	48	-1.42	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.270	0.0600	8.793	0.4035	0.1339	48	-1.30	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	8.320	0.1800	8.793	0.4035	0.1339	48	-1.17	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	8.350	0.1000	8.793	0.4035	0.1339	48	-1.10	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	8.490	0.0600	8.793	0.4035	0.1339	48	-0.75	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.505	0.2500	8.793	0.4035	0.1339	48	-0.71	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	8.515	0.1900	8.793	0.4035	0.1339	48	-0.69	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	8.525	0.0300	8.793	0.4035	0.1339	48	-0.66	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.565	0.0900	8.793	0.4035	0.1339	48	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	8.565	0.2100	8.793	0.4035	0.1339	48	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	8.565	0.0300	8.793	0.4035	0.1339	48	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	8.645	0.3100	8.793	0.4035	0.1339	48	-0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	8.700	0.0000	8.793	0.4035	0.1339	48	-0.23	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	8.730	0.0065	8.793	0.4035	0.1339	48	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.775	0.0100	8.793	0.4035	0.1339	48	-0.04	0%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.790	0.0200	8.793	0.4035	0.1339	48	-0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	8.835	0.3100	8.793	0.4035	0.1339	48	0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	8.860	0.1200	8.793	0.4035	0.1339	48	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	8.860	0.0000	8.793	0.4035	0.1339	48	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.865	0.0300	8.793	0.4035	0.1339	48	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.885	0.0500	8.793	0.4035	0.1339	48	0.23	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	8.950	0.3200	8.793	0.4035	0.1339	48	0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.960	0.0000	8.793	0.4035	0.1339	48	0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	8.975	0.0100	8.793	0.4035	0.1339	48	0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.980	0.1400	8.793	0.4035	0.1339	48	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.000	0.0000	8.793	0.4035	0.1339	48	0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	9.000	0.1600	8.793	0.4035	0.1339	48	0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.000	0.0200	8.793	0.4035	0.1339	48	0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	9.001	0.0990	8.793	0.4035	0.1339	48	0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.020	0.3000	8.793	0.4035	0.1339	48	0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.025	0.0900	8.793	0.4035	0.1339	48	0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2264	9.034	0.1074	8.793	0.4035	0.1339	48	0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.095	0.1100	8.793	0.4035	0.1339	48	0.75	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.105	0.1100	8.793	0.4035	0.1339	48	0.77	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	9.110	0.0983	8.793	0.4035	0.1339	48	0.79	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.125	0.0300	8.793	0.4035	0.1339	48	0.82	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.130	0.1600	8.793	0.4035	0.1339	48	0.84	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	9.150	0.0200	8.793	0.4035	0.1339	48	0.89	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	9.160	0.0200	8.793	0.4035	0.1339	48	0.91	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.270	0.1000	8.793	0.4035	0.1339	48	1.18	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.612	0.4300	8.793	0.4035	0.1339	48	2.03	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	9.740	0.0800	8.793	0.4035	0.1339	48	2.35	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	10.10	1.000	8.793	0.4035	0.1339	48	3.24	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.960	2.040	8.793	0.4035	0.1339	48	2.89	7%	1
001.99	Loss on Drying, Miscellaneous (%)	0618	7.300	0.0200	8.772	0.3056	0.1201	24	-4.82	8%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.340	0.3000	8.772	0.3056	0.1201	24	-1.41	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.375	0.0700	8.772	0.3056	0.1201	24	-1.30	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.450	0.1000	8.772	0.3056	0.1201	24	-1.05	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.475	0.1300	8.772	0.3056	0.1201	24	-0.97	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2018	8.535	0.0510	8.772	0.3056	0.1201	24	-0.78	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.545	0.0900	8.772	0.3056	0.1201	24	-0.74	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	8.560	0.1600	8.772	0.3056	0.1201	24	-0.69	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2126	8.685	0.0300	8.772	0.3056	0.1201	24	-0.28	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	8.760	0.0800	8.772	0.3056	0.1201	24	-0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.775	0.1700	8.772	0.3056	0.1201	24	0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2242	8.800	0.4000	8.772	0.3056	0.1201	24	0.09	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	8.810	0.0000	8.772	0.3056	0.1201	24	0.12	0%	0

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001.99	Loss on Drying, Miscellaneous (%)	0852	8.825	0.0100	8.772	0.3056	0.1201	24	0.17	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	8.850	0.1000	8.772	0.3056	0.1201	24	0.26	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	8.875	0.2300	8.772	0.3056	0.1201	24	0.34	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	8.975	0.0700	8.772	0.3056	0.1201	24	0.66	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	8.975	0.1686	8.772	0.3056	0.1201	24	0.67	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	9.055	0.0900	8.772	0.3056	0.1201	24	0.93	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.075	0.0300	8.772	0.3056	0.1201	24	0.99	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	9.075	0.2500	8.772	0.3056	0.1201	24	0.99	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	9.085	0.0700	8.772	0.3056	0.1201	24	1.02	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.156	0.2226	8.772	0.3056	0.1201	24	1.26	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	9.160	0.0400	8.772	0.3056	0.1201	24	1.27	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	9.390	0.6600	8.772	0.3056	0.1201	24	2.02	4%	1
002.01	Protein, Crude, Auto Kjehl-Foss (%)	2259	21.30	0.6078	21.70	0.2059	0.1521	14	-1.96	1%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0164	21.35	0.1900	21.70	0.2059	0.1521	14	-1.73	1%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	2193	21.54	0.1700	21.70	0.2059	0.1521	14	-0.81	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0662	21.59	0.1875	21.70	0.2059	0.1521	14	-0.52	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0910	21.60	0.4000	21.70	0.2059	0.1521	14	-0.49	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0652	21.65	0.1000	21.70	0.2059	0.1521	14	-0.25	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0968	21.73	0.0540	21.70	0.2059	0.1521	14	0.16	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0870	21.75	0.0100	21.70	0.2059	0.1521	14	0.24	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0656	21.76	0.1700	21.70	0.2059	0.1521	14	0.26	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	2188	21.81	0.0000	21.70	0.2059	0.1521	14	0.53	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	2196	21.84	0.0000	21.70	0.2059	0.1521	14	0.67	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0610	21.90	0.0000	21.70	0.2059	0.1521	14	0.96	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	2198	21.93	0.1000	21.70	0.2059	0.1521	14	1.11	1%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0685	21.94	0.1400	21.70	0.2059	0.1521	14	1.16	1%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0889	16.42	10.91	21.70	0.2059	0.1521	14	-25.68	12%	2
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0169	21.26	0.1100				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	21.49	0.0858				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	21.65	0.1180				3			0
002.03	Protein, Crude, Hach Method (%)	2128	20.53	0.2020				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0874	21.47	0.4400				3			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	22.14	0.1200				3			0
002.04	Protein, Crude, Copper Catalyst (%)	0187	22.41	0.1000				3			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	20.54	0.0900	21.69	0.2256	0.0779	29	-5.12	3%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2248	21.01	0.0100	21.69	0.2256	0.0779	29	-3.03	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	21.28	0.2800	21.69	0.2256	0.0779	29	-1.81	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	21.34	0.0400	21.69	0.2256	0.0779	29	-1.55	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2264	21.46	0.0010	21.69	0.2256	0.0779	29	-1.00	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	21.47	0.1100	21.69	0.2256	0.0779	29	-0.99	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0893	21.49	0.0300	21.69	0.2256	0.0779	29	-0.91	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	21.58	0.2800	21.69	0.2256	0.0779	29	-0.48	0%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	0354	21.59	0.0400	21.69	0.2256	0.0779	29	-0.44	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	21.63	0.0500	21.69	0.2256	0.0779	29	-0.29	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	21.65	0.1000	21.69	0.2256	0.0779	29	-0.17	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	21.65	0.0200	21.69	0.2256	0.0779	29	-0.17	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	21.65	0.1000	21.69	0.2256	0.0779	29	-0.17	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	21.70	0.1400	21.69	0.2256	0.0779	29	0.05	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	21.74	0.1000	21.69	0.2256	0.0779	29	0.22	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	21.75	0.1000	21.69	0.2256	0.0779	29	0.27	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	21.75	0.0180	21.69	0.2256	0.0779	29	0.27	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	21.80	0.0283	21.69	0.2256	0.0779	29	0.47	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	21.81	0.1300	21.69	0.2256	0.0779	29	0.51	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	21.81	0.0200	21.69	0.2256	0.0779	29	0.53	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0849	21.81	0.0170	21.69	0.2256	0.0779	29	0.54	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2062	21.81	0.2509	21.69	0.2256	0.0779	29	0.54	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	21.86	0.0700	21.69	0.2256	0.0779	29	0.73	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	21.89	0.0100	21.69	0.2256	0.0779	29	0.87	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	21.89	0.0200	21.69	0.2256	0.0779	29	0.89	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	21.92	0.1400	21.69	0.2256	0.0779	29	1.02	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	21.93	0.0600	21.69	0.2256	0.0779	29	1.07	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	21.95	0.0053	21.69	0.2256	0.0779	29	1.14	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	22.12	0.0000	21.69	0.2256	0.0779	29	1.91	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0955	21.50	0.4000	21.69	0.2256	0.0779	29	-0.84	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	21.11	0.1800	21.99	0.2715	0.2125	127	-3.25	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0119	21.21	0.5670	21.99	0.2715	0.2125	127	-2.86	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0720	21.29	0.0200	21.99	0.2715	0.2125	127	-2.58	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0581	21.33	0.0600	21.99	0.2715	0.2125	127	-2.44	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	21.38	0.2830	21.99	0.2715	0.2125	127	-2.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0955	21.40	0.2000	21.99	0.2715	0.2125	127	-2.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	21.48	0.1200	21.99	0.2715	0.2125	127	-1.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	21.50	0.2000	21.99	0.2715	0.2125	127	-1.81	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0904	21.54	0.1900	21.99	0.2715	0.2125	127	-1.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	21.55	0.1000	21.99	0.2715	0.2125	127	-1.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2251	21.56	0.0300	21.99	0.2715	0.2125	127	-1.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	21.57	0.1200	21.99	0.2715	0.2125	127	-1.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	21.63	0.7900	21.99	0.2715	0.2125	127	-1.35	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	21.65	0.4600	21.99	0.2715	0.2125	127	-1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	21.65	0.8200	21.99	0.2715	0.2125	127	-1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0695	21.68	0.0720	21.99	0.2715	0.2125	127	-1.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0014	21.70	0.2000	21.99	0.2715	0.2125	127	-1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	21.71	0.0200	21.99	0.2715	0.2125	127	-1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0011	21.72	0.3000	21.99	0.2715	0.2125	127	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	21.74	0.0500	21.99	0.2715	0.2125	127	-0.95	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	21.74	0.6000	21.99	0.2715	0.2125	127	-0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	21.75	0.1000	21.99	0.2715	0.2125	127	-0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	21.75	0.1000	21.99	0.2715	0.2125	127	-0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	21.76	0.1250	21.99	0.2715	0.2125	127	-0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	21.76	0.1000	21.99	0.2715	0.2125	127	-0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	21.76	0.0600	21.99	0.2715	0.2125	127	-0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	21.76	0.5200	21.99	0.2715	0.2125	127	-0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	21.78	0.0200	21.99	0.2715	0.2125	127	-0.78	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	21.81	0.4000	21.99	0.2715	0.2125	127	-0.67	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	21.82	0.1200	21.99	0.2715	0.2125	127	-0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	21.82	0.2400	21.99	0.2715	0.2125	127	-0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	21.83	0.1560	21.99	0.2715	0.2125	127	-0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	21.85	0.1000	21.99	0.2715	0.2125	127	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	21.85	0.1000	21.99	0.2715	0.2125	127	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	21.85	0.5000	21.99	0.2715	0.2125	127	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	21.86	0.0300	21.99	0.2715	0.2125	127	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	21.87	0.4500	21.99	0.2715	0.2125	127	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	21.87	0.0200	21.99	0.2715	0.2125	127	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	21.88	0.2500	21.99	0.2715	0.2125	127	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	21.88	0.2638	21.99	0.2715	0.2125	127	-0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	21.89	0.3500	21.99	0.2715	0.2125	127	-0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	21.89	0.1320	21.99	0.2715	0.2125	127	-0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	21.90	0.0100	21.99	0.2715	0.2125	127	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	21.90	0.0400	21.99	0.2715	0.2125	127	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	21.90	0.0000	21.99	0.2715	0.2125	127	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	21.90	0.0600	21.99	0.2715	0.2125	127	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	21.90	0.2000	21.99	0.2715	0.2125	127	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	21.91	0.0100	21.99	0.2715	0.2125	127	-0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	21.91	0.2200	21.99	0.2715	0.2125	127	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	21.91	0.2825	21.99	0.2715	0.2125	127	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	21.93	0.0900	21.99	0.2715	0.2125	127	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	21.93	0.1500	21.99	0.2715	0.2125	127	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	21.93	0.0090	21.99	0.2715	0.2125	127	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	21.94	0.1200	21.99	0.2715	0.2125	127	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	21.95	0.1755	21.99	0.2715	0.2125	127	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	21.95	0.1000	21.99	0.2715	0.2125	127	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	21.95	0.0000	21.99	0.2715	0.2125	127	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2033	21.95	0.1800	21.99	0.2715	0.2125	127	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0032	21.95	0.3000	21.99	0.2715	0.2125	127	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	21.96	0.0400	21.99	0.2715	0.2125	127	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	21.97	0.0900	21.99	0.2715	0.2125	127	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	21.98	0.0300	21.99	0.2715	0.2125	127	-0.06	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	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	22.00	0.0200	21.99	0.2715	0.2125	127	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	22.00	0.2000	21.99	0.2715	0.2125	127	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	22.00	0.0000	21.99	0.2715	0.2125	127	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	22.01	0.2500	21.99	0.2715	0.2125	127	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	22.01	0.2100	21.99	0.2715	0.2125	127	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	22.01	0.1400	21.99	0.2715	0.2125	127	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	22.02	0.1100	21.99	0.2715	0.2125	127	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2053	22.02	0.5300	21.99	0.2715	0.2125	127	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	22.03	0.0400	21.99	0.2715	0.2125	127	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	22.03	0.0600	21.99	0.2715	0.2125	127	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	22.05	0.0500	21.99	0.2715	0.2125	127	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	22.05	0.4300	21.99	0.2715	0.2125	127	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	22.05	0.1000	21.99	0.2715	0.2125	127	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	22.05	0.1000	21.99	0.2715	0.2125	127	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	22.05	0.1000	21.99	0.2715	0.2125	127	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	22.05	0.1000	21.99	0.2715	0.2125	127	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	22.05	0.5000	21.99	0.2715	0.2125	127	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	22.05	0.2820	21.99	0.2715	0.2125	127	0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0038	22.06	0.3960	21.99	0.2715	0.2125	127	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	22.06	0.1250	21.99	0.2715	0.2125	127	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	22.07	0.0200	21.99	0.2715	0.2125	127	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	22.07	0.3460	21.99	0.2715	0.2125	127	0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	22.08	0.0500	21.99	0.2715	0.2125	127	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0592	22.08	0.3200	21.99	0.2715	0.2125	127	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	22.10	0.4000	21.99	0.2715	0.2125	127	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	22.11	0.1900	21.99	0.2715	0.2125	127	0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	22.11	0.2600	21.99	0.2715	0.2125	127	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	22.12	0.0900	21.99	0.2715	0.2125	127	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	22.12	0.0900	21.99	0.2715	0.2125	127	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	22.14	0.1500	21.99	0.2715	0.2125	127	0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	22.14	0.0688	21.99	0.2715	0.2125	127	0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	22.15	0.3800	21.99	0.2715	0.2125	127	0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0026	22.16	0.4060	21.99	0.2715	0.2125	127	0.61	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	22.16	0.1800	21.99	0.2715	0.2125	127	0.62	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2126	22.17	0.0700	21.99	0.2715	0.2125	127	0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	22.17	0.0800	21.99	0.2715	0.2125	127	0.66	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	22.18	0.0600	21.99	0.2715	0.2125	127	0.69	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	22.20	0.0100	21.99	0.2715	0.2125	127	0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	22.20	0.1000	21.99	0.2715	0.2125	127	0.77	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	22.23	0.4500	21.99	0.2715	0.2125	127	0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	22.23	0.1200	21.99	0.2715	0.2125	127	0.88	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	22.24	0.3100	21.99	0.2715	0.2125	127	0.90	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	22.25	0.0990	21.99	0.2715	0.2125	127	0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2171	22.25	0.2820	21.99	0.2715	0.2125	127	0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	22.26	0.2430	21.99	0.2715	0.2125	127	0.97	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0656	22.26	0.3800	21.99	0.2715	0.2125	127	0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	22.28	0.8700	21.99	0.2715	0.2125	127	1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	22.28	0.0800	21.99	0.2715	0.2125	127	1.06	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	22.30	0.1000	21.99	0.2715	0.2125	127	1.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	22.31	0.5570	21.99	0.2715	0.2125	127	1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	22.33	0.3350	21.99	0.2715	0.2125	127	1.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	22.37	1.000	21.99	0.2715	0.2125	127	1.39	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2242	22.40	0.0100	21.99	0.2715	0.2125	127	1.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	22.46	0.4100	21.99	0.2715	0.2125	127	1.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	22.49	0.5100	21.99	0.2715	0.2125	127	1.82	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	22.52	0.0200	21.99	0.2715	0.2125	127	1.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	22.55	0.1300	21.99	0.2715	0.2125	127	2.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2246	22.58	0.0100	21.99	0.2715	0.2125	127	2.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	22.58	0.0670	21.99	0.2715	0.2125	127	2.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	22.63	0.3000	21.99	0.2715	0.2125	127	2.35	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2018	22.91	0.1500	21.99	0.2715	0.2125	127	3.36	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	22.92	0.0100	21.99	0.2715	0.2125	127	3.40	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	23.39	1.550	21.99	0.2715	0.2125	127	5.13	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	23.91	0.2600	21.99	0.2715	0.2125	127	7.06	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	25.73	0.0900	21.99	0.2715	0.2125	127	13.75	8%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0062	25.15	4.550	21.99	0.2715	0.2125	127	11.61	7%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	26.09	0.3700	21.99	0.2715	0.2125	127	15.07	9%	2
002.08	Protein, Crude, Cu/Ti (%)	0098	22.02	0.2900				1			0
002.10	Protein, Crude, Block dig/distillation (%)	0629	21.49	0.0800				1			0
002.11	Protein, Crude, NIR (%)	0889	20.51	0.1200	22.60	1.669	0.1248	8	-1.26	5%	0
002.11	Protein, Crude, NIR (%)	0852	20.99	0.0200	22.60	1.669	0.1248	8	-0.97	4%	0
002.11	Protein, Crude, NIR (%)	0553	22.17	0.3700	22.60	1.669	0.1248	8	-0.26	1%	0
002.11	Protein, Crude, NIR (%)	0695	22.37	0.1000	22.60	1.669	0.1248	8	-0.14	1%	0
002.11	Protein, Crude, NIR (%)	0720	22.54	0.1200	22.60	1.669	0.1248	8	-0.04	0%	0
002.11	Protein, Crude, NIR (%)	2128	23.16	0.2380	22.60	1.669	0.1248	8	0.33	1%	0
002.11	Protein, Crude, NIR (%)	0297	24.40	0.0300	22.60	1.669	0.1248	8	1.07	4%	0
002.11	Protein, Crude, NIR (%)	0011	24.70	0.0000	22.60	1.669	0.1248	8	1.26	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	3.605	0.0900	3.759	0.1207	0.1157	11	-1.27	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	3.623	0.0825	3.759	0.1207	0.1157	11	-1.13	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	3.700	0.4000	3.759	0.1207	0.1157	11	-0.49	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2198	3.710	0.0200	3.759	0.1207	0.1157	11	-0.40	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2126	3.730	0.0200	3.759	0.1207	0.1157	11	-0.24	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	3.740	0.2400	3.759	0.1207	0.1157	11	-0.16	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	3.775	0.0500	3.759	0.1207	0.1157	11	0.13	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	3.795	0.0300	3.759	0.1207	0.1157	11	0.30	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	3.805	0.2100	3.759	0.1207	0.1157	11	0.38	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2053	3.925	0.0300	3.759	0.1207	0.1157	11	1.38	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	4.050	0.1000	3.759	0.1207	0.1157	11	2.41	4%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	3.270	0.4800				2			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	2248	4.515	0.0100				2			0
003.05	Fat, Crude, Distillers Method (%)	0656	3.740	0.6000				1			0
003.06	Fat, Crude, Pet Ether (%)	0297	3.635	0.0100	3.839	0.1712	0.0733	19	-1.19	3%	0
003.06	Fat, Crude, Pet Ether (%)	2181	3.690	0.0800	3.839	0.1712	0.0733	19	-0.87	2%	0
003.06	Fat, Crude, Pet Ether (%)	0425	3.705	0.0100	3.839	0.1712	0.0733	19	-0.78	2%	0
003.06	Fat, Crude, Pet Ether (%)	2171	3.705	0.0300	3.839	0.1712	0.0733	19	-0.78	2%	0
003.06	Fat, Crude, Pet Ether (%)	0294	3.725	0.0500	3.839	0.1712	0.0733	19	-0.67	1%	0
003.06	Fat, Crude, Pet Ether (%)	0849	3.727	0.0070	3.839	0.1712	0.0733	19	-0.66	1%	0
003.06	Fat, Crude, Pet Ether (%)	0169	3.740	0.0200	3.839	0.1712	0.0733	19	-0.58	1%	0
003.06	Fat, Crude, Pet Ether (%)	0939	3.745	0.1500	3.839	0.1712	0.0733	19	-0.55	1%	0
003.06	Fat, Crude, Pet Ether (%)	0884	3.750	0.1000	3.839	0.1712	0.0733	19	-0.52	1%	0
003.06	Fat, Crude, Pet Ether (%)	0229	3.765	0.0060	3.839	0.1712	0.0733	19	-0.43	1%	0
003.06	Fat, Crude, Pet Ether (%)	0682	3.820	0.0000	3.839	0.1712	0.0733	19	-0.11	0%	0
003.06	Fat, Crude, Pet Ether (%)	0910	3.850	0.1200	3.839	0.1712	0.0733	19	0.07	0%	0
003.06	Fat, Crude, Pet Ether (%)	0689	3.900	0.0000	3.839	0.1712	0.0733	19	0.36	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	3.920	0.0200	3.839	0.1712	0.0733	19	0.47	1%	0
003.06	Fat, Crude, Pet Ether (%)	0300	3.975	0.3100	3.839	0.1712	0.0733	19	0.80	2%	0
003.06	Fat, Crude, Pet Ether (%)	0687	4.000	0.4000	3.839	0.1712	0.0733	19	0.94	2%	0
003.06	Fat, Crude, Pet Ether (%)	0164	4.255	0.0100	3.839	0.1712	0.0733	19	2.43	5%	0
003.06	Fat, Crude, Pet Ether (%)	0918	4.330	0.0400	3.839	0.1712	0.0733	19	2.87	6%	0
003.06	Fat, Crude, Pet Ether (%)	0656	5.405	0.0300	3.839	0.1712	0.0733	19	9.15	20%	0
003.06	Fat, Crude, Pet Ether (%)	2268	3.725	0.4900	3.839	0.1712	0.0733	19	-0.67	1%	1
003.07	Fat, Crude, Aqueous Extraction (%)	2251	3.850	0.0600				1			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	3.265	0.0500	3.819	0.1687	0.0576	11	-3.28	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	3.645	0.1500	3.819	0.1687	0.0576	11	-1.03	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	3.700	0.0000	3.819	0.1687	0.0576	11	-0.71	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	3.783	0.1010	3.819	0.1687	0.0576	11	-0.22	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	3.800	0.0200	3.819	0.1687	0.0576	11	-0.11	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	3.805	0.0500	3.819	0.1687	0.0576	11	-0.08	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	3.845	0.0100	3.819	0.1687	0.0576	11	0.15	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	3.890	0.0400	3.819	0.1687	0.0576	11	0.42	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	3.900	0.0000	3.819	0.1687	0.0576	11	0.48	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	4.006	0.1630	3.819	0.1687	0.0576	11	1.11	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	4.145	0.0500	3.819	0.1687	0.0576	11	1.93	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	4.266	0.3460	3.819	0.1687	0.0576	11	2.65	6%	1
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	384.0	0.0000	3.819	0.1687	0.0576	11	2253.01	4977%	2
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	3.385	0.0500	3.632	0.1545	0.0862	32	-1.60	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	3.395	0.4700	3.632	0.1545	0.0862	32	-1.54	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	3.480	0.0200	3.632	0.1545	0.0862	32	-0.99	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	3.483	0.2280	3.632	0.1545	0.0862	32	-0.97	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	3.495	0.0300	3.632	0.1545	0.0862	32	-0.89	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	3.500	0.2000	3.632	0.1545	0.0862	32	-0.86	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	3.500	0.0400	3.632	0.1545	0.0862	32	-0.86	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0720	3.505	0.0100	3.632	0.1545	0.0862	32	-0.83	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2018	3.505	0.0300	3.632	0.1545	0.0862	32	-0.83	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0553	3.540	0.0200	3.632	0.1545	0.0862	32	-0.60	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	3.560	0.0600	3.632	0.1545	0.0862	32	-0.47	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	3.563	0.0794	3.632	0.1545	0.0862	32	-0.45	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	3.570	0.0600	3.632	0.1545	0.0862	32	-0.40	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	3.594	0.0330	3.632	0.1545	0.0862	32	-0.25	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	3.610	0.2000	3.632	0.1545	0.0862	32	-0.15	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	3.623	0.0280	3.632	0.1545	0.0862	32	-0.06	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0695	3.644	0.1930	3.632	0.1545	0.0862	32	0.07	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	3.645	0.1500	3.632	0.1545	0.0862	32	0.08	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	3.647	0.0117	3.632	0.1545	0.0862	32	0.10	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	3.649	0.0160	3.632	0.1545	0.0862	32	0.11	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	3.660	0.0400	3.632	0.1545	0.0862	32	0.18	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	3.700	0.0200	3.632	0.1545	0.0862	32	0.44	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	3.700	0.0000	3.632	0.1545	0.0862	32	0.44	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	3.725	0.3500	3.632	0.1545	0.0862	32	0.60	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	3.740	0.0400	3.632	0.1545	0.0862	32	0.70	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	3.775	0.0100	3.632	0.1545	0.0862	32	0.92	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0629	3.775	0.0300	3.632	0.1545	0.0862	32	0.92	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	3.800	0.0000	3.632	0.1545	0.0862	32	1.08	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	3.860	0.0000	3.632	0.1545	0.0862	32	1.47	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	3.862	0.2429	3.632	0.1545	0.0862	32	1.49	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	3.929	0.0360	3.632	0.1545	0.0862	32	1.92	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	4.290	0.0600	3.632	0.1545	0.0862	32	4.26	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	2.960	2.200	3.632	0.1545	0.0862	32	-4.35	9%	1
003.11	Fat, Crude, NIR (%)	0720	3.475	0.0100	4.140	0.5895	0.0252	8	-1.13	8%	0
003.11	Fat, Crude, NIR (%)	0889	3.505	0.0100	4.140	0.5895	0.0252	8	-1.08	8%	0
003.11	Fat, Crude, NIR (%)	0695	3.915	0.0100	4.140	0.5895	0.0252	8	-0.38	3%	0
003.11	Fat, Crude, NIR (%)	0553	4.010	0.0200	4.140	0.5895	0.0252	8	-0.22	2%	0
003.11	Fat, Crude, NIR (%)	2128	4.109	0.0513	4.140	0.5895	0.0252	8	-0.05	0%	0
003.11	Fat, Crude, NIR (%)	0011	4.600	0.0000	4.140	0.5895	0.0252	8	0.78	6%	0
003.11	Fat, Crude, NIR (%)	0852	4.685	0.0100	4.140	0.5895	0.0252	8	0.92	7%	0
003.11	Fat, Crude, NIR (%)	0297	4.825	0.0900	4.140	0.5895	0.0252	8	1.16	8%	0
003.12	Fat, Crude, Hexane Ext (%)	0893	3.405	0.0500	3.554	0.1702	0.0948	4			0
003.12	Fat, Crude, Hexane Ext (%)	2199	3.450	0.1000	3.554	0.1702	0.0948	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			
003.12	Fat, Crude, Hexane Ext (%)	2062	3.576	0.0593	3.554	0.1702	0.0948	4			0
003.12	Fat, Crude, Hexane Ext (%)	0171	3.785	0.1700	3.554	0.1702	0.0948	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	3.055	0.0300	3.715	0.2167	0.0991	9	-3.04	9%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	3.555	0.0300	3.715	0.2167	0.0991	9	-0.74	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0033	3.570	0.0800	3.715	0.2167	0.0991	9	-0.67	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	3.670	0.0800	3.715	0.2167	0.0991	9	-0.21	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	3.745	0.0500	3.715	0.2167	0.0991	9	0.14	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	3.770	0.2400	3.715	0.2167	0.0991	9	0.25	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0187	3.845	0.0100	3.715	0.2167	0.0991	9	0.60	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	3.870	0.1600	3.715	0.2167	0.0991	9	0.72	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	4.020	0.2117	3.715	0.2167	0.0991	9	1.41	4%	0
003.14	Fat, Crude, Ankom (%)	0843	2.650	0.3000	3.633	0.2333	0.1462	49	-4.22	14%	0
003.14	Fat, Crude, Ankom (%)	0574	2.685	0.2900	3.633	0.2333	0.1462	49	-4.07	13%	0
003.14	Fat, Crude, Ankom (%)	0003	2.950	0.2200	3.633	0.2333	0.1462	49	-2.93	9%	0
003.14	Fat, Crude, Ankom (%)	0357	3.200	0.4000	3.633	0.2333	0.1462	49	-1.86	6%	0
003.14	Fat, Crude, Ankom (%)	2129	3.220	0.6200	3.633	0.2333	0.1462	49	-1.77	6%	0
003.14	Fat, Crude, Ankom (%)	0175	3.245	0.1500	3.633	0.2333	0.1462	49	-1.66	5%	0
003.14	Fat, Crude, Ankom (%)	0968	3.381	0.1630	3.633	0.2333	0.1462	49	-1.08	3%	0
003.14	Fat, Crude, Ankom (%)	0912	3.400	0.1000	3.633	0.2333	0.1462	49	-1.00	3%	0
003.14	Fat, Crude, Ankom (%)	0683	3.480	0.1400	3.633	0.2333	0.1462	49	-0.66	2%	0
003.14	Fat, Crude, Ankom (%)	0298	3.500	0.0200	3.633	0.2333	0.1462	49	-0.57	2%	0
003.14	Fat, Crude, Ankom (%)	0853	3.500	0.4000	3.633	0.2333	0.1462	49	-0.57	2%	0
003.14	Fat, Crude, Ankom (%)	0948	3.505	0.0500	3.633	0.2333	0.1462	49	-0.55	2%	0
003.14	Fat, Crude, Ankom (%)	0876	3.510	0.0400	3.633	0.2333	0.1462	49	-0.53	2%	0
003.14	Fat, Crude, Ankom (%)	0520	3.515	0.0200	3.633	0.2333	0.1462	49	-0.51	2%	0
003.14	Fat, Crude, Ankom (%)	0089	3.515	0.0500	3.633	0.2333	0.1462	49	-0.51	2%	0
003.14	Fat, Crude, Ankom (%)	0108	3.530	0.2600	3.633	0.2333	0.1462	49	-0.44	1%	0
003.14	Fat, Crude, Ankom (%)	0144	3.545	0.0300	3.633	0.2333	0.1462	49	-0.38	1%	0
003.14	Fat, Crude, Ankom (%)	0868	3.550	0.1200	3.633	0.2333	0.1462	49	-0.36	1%	0
003.14	Fat, Crude, Ankom (%)	0956	3.550	0.1000	3.633	0.2333	0.1462	49	-0.36	1%	0
003.14	Fat, Crude, Ankom (%)	0034	3.560	0.4600	3.633	0.2333	0.1462	49	-0.31	1%	0
003.14	Fat, Crude, Ankom (%)	0037	3.575	0.0900	3.633	0.2333	0.1462	49	-0.25	1%	0
003.14	Fat, Crude, Ankom (%)	0083	3.595	0.0700	3.633	0.2333	0.1462	49	-0.16	1%	0
003.14	Fat, Crude, Ankom (%)	0511	3.595	0.1900	3.633	0.2333	0.1462	49	-0.16	1%	0
003.14	Fat, Crude, Ankom (%)	0202	3.601	0.3090	3.633	0.2333	0.1462	49	-0.14	0%	0
003.14	Fat, Crude, Ankom (%)	0358	3.625	0.1900	3.633	0.2333	0.1462	49	-0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0581	3.630	0.2400	3.633	0.2333	0.1462	49	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0598	3.630	0.1400	3.633	0.2333	0.1462	49	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0066	3.651	0.0540	3.633	0.2333	0.1462	49	0.08	0%	0
003.14	Fat, Crude, Ankom (%)	0505	3.670	0.1400	3.633	0.2333	0.1462	49	0.16	1%	0
003.14	Fat, Crude, Ankom (%)	0229	3.698	0.0050	3.633	0.2333	0.1462	49	0.27	1%	0
003.14	Fat, Crude, Ankom (%)	0019	3.710	0.3000	3.633	0.2333	0.1462	49	0.33	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	
003.14	Fat, Crude, Ankom (%)	0407	3.721	0.0120	3.633	0.2333	0.1462	49	0.37	1%	0
003.14	Fat, Crude, Ankom (%)	0878	3.730	0.0800	3.633	0.2333	0.1462	49	0.41	1%	0
003.14	Fat, Crude, Ankom (%)	0682	3.740	0.0000	3.633	0.2333	0.1462	49	0.46	1%	0
003.14	Fat, Crude, Ankom (%)	0148	3.755	0.0100	3.633	0.2333	0.1462	49	0.52	2%	0
003.14	Fat, Crude, Ankom (%)	0955	3.760	0.0600	3.633	0.2333	0.1462	49	0.54	2%	0
003.14	Fat, Crude, Ankom (%)	0001	3.794	0.1300	3.633	0.2333	0.1462	49	0.69	2%	0
003.14	Fat, Crude, Ankom (%)	0529	3.800	0.0400	3.633	0.2333	0.1462	49	0.71	2%	0
003.14	Fat, Crude, Ankom (%)	0074	3.810	0.0400	3.633	0.2333	0.1462	49	0.76	2%	0
003.14	Fat, Crude, Ankom (%)	0619	3.810	0.1200	3.633	0.2333	0.1462	49	0.76	2%	0
003.14	Fat, Crude, Ankom (%)	2076	3.821	0.0790	3.633	0.2333	0.1462	49	0.81	3%	0
003.14	Fat, Crude, Ankom (%)	0049	3.890	0.0000	3.633	0.2333	0.1462	49	1.10	4%	0
003.14	Fat, Crude, Ankom (%)	0171	3.915	0.0300	3.633	0.2333	0.1462	49	1.21	4%	0
003.14	Fat, Crude, Ankom (%)	0190	3.945	0.0100	3.633	0.2333	0.1462	49	1.34	4%	0
003.14	Fat, Crude, Ankom (%)	0692	3.950	0.3000	3.633	0.2333	0.1462	49	1.36	4%	0
003.14	Fat, Crude, Ankom (%)	0278	3.950	0.1000	3.633	0.2333	0.1462	49	1.36	4%	0
003.14	Fat, Crude, Ankom (%)	0004	3.965	0.4700	3.633	0.2333	0.1462	49	1.42	5%	0
003.14	Fat, Crude, Ankom (%)	0726	3.975	0.0100	3.633	0.2333	0.1462	49	1.46	5%	0
003.14	Fat, Crude, Ankom (%)	0265	4.405	0.0100	3.633	0.2333	0.1462	49	3.31	11%	0
003.99	Fat, Crude, Miscellaneous (%)	0536	3.450	0.1000				2			0
003.99	Fat, Crude, Miscellaneous (%)	0941	4.210	0.2200				2			0
003.99	Fat, Crude, Miscellaneous (%)	0880	0.1000	0.2000				2			4
004.00	Fiber, Crude, Asbestos Free (%)	0169	3.500	0.3000	4.198	0.3081	0.1615	15	-2.27	8%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	3.850	0.1000	4.198	0.3081	0.1615	15	-1.13	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	4.000	0.2000	4.198	0.3081	0.1615	15	-0.64	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	4.045	0.0900	4.198	0.3081	0.1615	15	-0.50	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	4.085	0.0500	4.198	0.3081	0.1615	15	-0.37	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	4.100	0.4000	4.198	0.3081	0.1615	15	-0.32	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	4.115	0.0300	4.198	0.3081	0.1615	15	-0.27	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2264	4.120	0.1846	4.198	0.3081	0.1615	15	-0.26	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0013	4.220	0.2000	4.198	0.3081	0.1615	15	0.07	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	4.221	0.0370	4.198	0.3081	0.1615	15	0.07	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	4.260	0.1000	4.198	0.3081	0.1615	15	0.20	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	4.310	0.0200	4.198	0.3081	0.1615	15	0.36	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	4.593	0.6210	4.198	0.3081	0.1615	15	1.28	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	4.800	0.0000	4.198	0.3081	0.1615	15	1.95	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	5.035	0.0900	4.198	0.3081	0.1615	15	2.71	10%	0
004.01	Fiber, Crude, Sing Filt (%)	0366	2.875	0.2900				1			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	2.640	0.0200	4.089	1.065	0.1275	4			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	4.030	0.0200	4.089	1.065	0.1275	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	4.555	0.3300	4.089	1.065	0.1275	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	5.130	0.1400	4.089	1.065	0.1275	4			0
004.06	Fiber, Crude, Fibertec (%)	2199	2.350	0.1000	4.240	0.4407	0.0879	20	-4.29	22%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Crude, Fibertec (%)	0868	3.730	0.1000	4.240	0.4407	0.0879	20	-1.16	6%	0
004.06	Fiber, Crude, Fibertec (%)	0885	3.838	0.0035	4.240	0.4407	0.0879	20	-0.91	5%	0
004.06	Fiber, Crude, Fibertec (%)	0968	3.899	0.0460	4.240	0.4407	0.0879	20	-0.77	4%	0
004.06	Fiber, Crude, Fibertec (%)	2022	3.910	0.0200	4.240	0.4407	0.0879	20	-0.75	4%	0
004.06	Fiber, Crude, Fibertec (%)	2062	3.979	0.0325	4.240	0.4407	0.0879	20	-0.59	3%	0
004.06	Fiber, Crude, Fibertec (%)	0918	4.000	0.0400	4.240	0.4407	0.0879	20	-0.54	3%	0
004.06	Fiber, Crude, Fibertec (%)	2006	4.040	0.0400	4.240	0.4407	0.0879	20	-0.45	2%	0
004.06	Fiber, Crude, Fibertec (%)	0098	4.065	0.1300	4.240	0.4407	0.0879	20	-0.40	2%	0
004.06	Fiber, Crude, Fibertec (%)	0964	4.250	0.0800	4.240	0.4407	0.0879	20	0.02	0%	0
004.06	Fiber, Crude, Fibertec (%)	0720	4.270	0.1400	4.240	0.4407	0.0879	20	0.07	0%	0
004.06	Fiber, Crude, Fibertec (%)	0897	4.280	0.0000	4.240	0.4407	0.0879	20	0.09	0%	0
004.06	Fiber, Crude, Fibertec (%)	2198	4.330	0.0400	4.240	0.4407	0.0879	20	0.20	1%	0
004.06	Fiber, Crude, Fibertec (%)	0878	4.390	0.1800	4.240	0.4407	0.0879	20	0.34	2%	0
004.06	Fiber, Crude, Fibertec (%)	0948	4.400	0.1000	4.240	0.4407	0.0879	20	0.36	2%	0
004.06	Fiber, Crude, Fibertec (%)	0941	4.535	0.2700	4.240	0.4407	0.0879	20	0.67	3%	0
004.06	Fiber, Crude, Fibertec (%)	0881	4.604	0.0260	4.240	0.4407	0.0879	20	0.83	4%	0
004.06	Fiber, Crude, Fibertec (%)	0675	4.910	0.2000	4.240	0.4407	0.0879	20	1.52	8%	0
004.06	Fiber, Crude, Fibertec (%)	0893	5.200	0.0000	4.240	0.4407	0.0879	20	2.18	11%	0
004.06	Fiber, Crude, Fibertec (%)	0676	5.535	0.2100	4.240	0.4407	0.0879	20	2.94	15%	0
004.06	Fiber, Crude, Fibertec (%)	0689	4.450	0.5000	4.240	0.4407	0.0879	20	0.48	2%	1
004.07	Fiber, Crude, ANKOM (%)	0042	2.845	0.0900	4.570	0.7643	0.2590	65	-2.26	19%	0
004.07	Fiber, Crude, ANKOM (%)	0619	3.395	0.1900	4.570	0.7643	0.2590	65	-1.54	13%	0
004.07	Fiber, Crude, ANKOM (%)	2033	3.450	0.3000	4.570	0.7643	0.2590	65	-1.47	12%	0
004.07	Fiber, Crude, ANKOM (%)	0682	3.600	0.0000	4.570	0.7643	0.2590	65	-1.27	11%	0
004.07	Fiber, Crude, ANKOM (%)	0956	3.650	0.1000	4.570	0.7643	0.2590	65	-1.20	10%	0
004.07	Fiber, Crude, ANKOM (%)	0123	3.775	0.1100	4.570	0.7643	0.2590	65	-1.04	9%	0
004.07	Fiber, Crude, ANKOM (%)	2190	3.805	0.4700	4.570	0.7643	0.2590	65	-1.00	8%	0
004.07	Fiber, Crude, ANKOM (%)	2181	3.810	0.3200	4.570	0.7643	0.2590	65	-0.99	8%	0
004.07	Fiber, Crude, ANKOM (%)	0643	3.840	0.1200	4.570	0.7643	0.2590	65	-0.96	8%	0
004.07	Fiber, Crude, ANKOM (%)	0726	3.850	0.1000	4.570	0.7643	0.2590	65	-0.94	8%	0
004.07	Fiber, Crude, ANKOM (%)	0870	3.866	0.0266	4.570	0.7643	0.2590	65	-0.92	8%	0
004.07	Fiber, Crude, ANKOM (%)	0590	3.930	0.3400	4.570	0.7643	0.2590	65	-0.84	7%	0
004.07	Fiber, Crude, ANKOM (%)	2109	3.930	0.0400	4.570	0.7643	0.2590	65	-0.84	7%	0
004.07	Fiber, Crude, ANKOM (%)	0004	3.935	0.1100	4.570	0.7643	0.2590	65	-0.83	7%	0
004.07	Fiber, Crude, ANKOM (%)	0644	3.944	0.5780	4.570	0.7643	0.2590	65	-0.82	7%	0
004.07	Fiber, Crude, ANKOM (%)	0100	4.045	0.5300	4.570	0.7643	0.2590	65	-0.69	6%	0
004.07	Fiber, Crude, ANKOM (%)	0354	4.065	0.0100	4.570	0.7643	0.2590	65	-0.66	6%	0
004.07	Fiber, Crude, ANKOM (%)	0190	4.100	0.2000	4.570	0.7643	0.2590	65	-0.61	5%	0
004.07	Fiber, Crude, ANKOM (%)	0968	4.115	0.1300	4.570	0.7643	0.2590	65	-0.60	5%	0
004.07	Fiber, Crude, ANKOM (%)	2193	4.120	0.0200	4.570	0.7643	0.2590	65	-0.59	5%	0
004.07	Fiber, Crude, ANKOM (%)	0083	4.145	0.1700	4.570	0.7643	0.2590	65	-0.56	5%	0
004.07	Fiber, Crude, ANKOM (%)	2196	4.170	0.0000	4.570	0.7643	0.2590	65	-0.52	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	
004.07	Fiber, Crude, ANKOM (%)	0144	4.190	0.0000	4.570	0.7643	0.2590	65	-0.50	4%	0
004.07	Fiber, Crude, ANKOM (%)	2009	4.269	0.0463	4.570	0.7643	0.2590	65	-0.39	3%	0
004.07	Fiber, Crude, ANKOM (%)	0265	4.295	0.3300	4.570	0.7643	0.2590	65	-0.36	3%	0
004.07	Fiber, Crude, ANKOM (%)	0294	4.300	0.2000	4.570	0.7643	0.2590	65	-0.35	3%	0
004.07	Fiber, Crude, ANKOM (%)	0910	4.350	0.1000	4.570	0.7643	0.2590	65	-0.29	2%	0
004.07	Fiber, Crude, ANKOM (%)	0263	4.352	0.1160	4.570	0.7643	0.2590	65	-0.29	2%	0
004.07	Fiber, Crude, ANKOM (%)	0019	4.355	0.2500	4.570	0.7643	0.2590	65	-0.28	2%	0
004.07	Fiber, Crude, ANKOM (%)	0505	4.395	0.0300	4.570	0.7643	0.2590	65	-0.23	2%	0
004.07	Fiber, Crude, ANKOM (%)	0407	4.426	0.2645	4.570	0.7643	0.2590	65	-0.19	2%	0
004.07	Fiber, Crude, ANKOM (%)	0511	4.450	0.3000	4.570	0.7643	0.2590	65	-0.16	1%	0
004.07	Fiber, Crude, ANKOM (%)	2053	4.490	0.1800	4.570	0.7643	0.2590	65	-0.10	1%	0
004.07	Fiber, Crude, ANKOM (%)	0948	4.495	0.2300	4.570	0.7643	0.2590	65	-0.10	1%	0
004.07	Fiber, Crude, ANKOM (%)	0229	4.505	0.0100	4.570	0.7643	0.2590	65	-0.09	1%	0
004.07	Fiber, Crude, ANKOM (%)	2259	4.516	0.3154	4.570	0.7643	0.2590	65	-0.07	1%	0
004.07	Fiber, Crude, ANKOM (%)	0675	4.580	0.2000	4.570	0.7643	0.2590	65	0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0003	4.590	1.040	4.570	0.7643	0.2590	65	0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0298	4.600	0.2000	4.570	0.7643	0.2590	65	0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0708	4.660	0.2000	4.570	0.7643	0.2590	65	0.12	1%	0
004.07	Fiber, Crude, ANKOM (%)	0510	4.700	0.0000	4.570	0.7643	0.2590	65	0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0581	4.700	1.000	4.570	0.7643	0.2590	65	0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0098	4.720	0.8000	4.570	0.7643	0.2590	65	0.20	2%	0
004.07	Fiber, Crude, ANKOM (%)	0520	4.785	0.0100	4.570	0.7643	0.2590	65	0.28	2%	0
004.07	Fiber, Crude, ANKOM (%)	0066	4.807	0.1030	4.570	0.7643	0.2590	65	0.31	3%	0
004.07	Fiber, Crude, ANKOM (%)	0297	4.855	1.090	4.570	0.7643	0.2590	65	0.37	3%	0
004.07	Fiber, Crude, ANKOM (%)	0278	4.900	0.2000	4.570	0.7643	0.2590	65	0.43	4%	0
004.07	Fiber, Crude, ANKOM (%)	0683	4.960	0.2000	4.570	0.7643	0.2590	65	0.51	4%	0
004.07	Fiber, Crude, ANKOM (%)	0536	5.180	0.0200	4.570	0.7643	0.2590	65	0.80	7%	0
004.07	Fiber, Crude, ANKOM (%)	0692	5.200	0.6000	4.570	0.7643	0.2590	65	0.82	7%	0
004.07	Fiber, Crude, ANKOM (%)	0034	5.325	0.7300	4.570	0.7643	0.2590	65	0.99	8%	0
004.07	Fiber, Crude, ANKOM (%)	0089	5.395	0.0100	4.570	0.7643	0.2590	65	1.08	9%	0
004.07	Fiber, Crude, ANKOM (%)	0074	5.405	0.4900	4.570	0.7643	0.2590	65	1.09	9%	0
004.07	Fiber, Crude, ANKOM (%)	0045	5.455	0.8900	4.570	0.7643	0.2590	65	1.16	10%	0
004.07	Fiber, Crude, ANKOM (%)	0529	5.455	0.0300	4.570	0.7643	0.2590	65	1.16	10%	0
004.07	Fiber, Crude, ANKOM (%)	0876	5.475	0.7700	4.570	0.7643	0.2590	65	1.18	10%	0
004.07	Fiber, Crude, ANKOM (%)	0242	5.515	0.2500	4.570	0.7643	0.2590	65	1.24	10%	0
004.07	Fiber, Crude, ANKOM (%)	0032	5.530	0.0200	4.570	0.7643	0.2590	65	1.26	11%	0
004.07	Fiber, Crude, ANKOM (%)	0848	5.580	0.0000	4.570	0.7643	0.2590	65	1.32	11%	0
004.07	Fiber, Crude, ANKOM (%)	0939	6.260	0.4200	4.570	0.7643	0.2590	65	2.21	18%	0
004.07	Fiber, Crude, ANKOM (%)	0656	6.380	0.0000	4.570	0.7643	0.2590	65	2.37	20%	0
004.07	Fiber, Crude, ANKOM (%)	0849	6.891	0.0420	4.570	0.7643	0.2590	65	3.04	25%	0
004.07	Fiber, Crude, ANKOM (%)	0626	8.025	0.1900	4.570	0.7643	0.2590	65	4.52	38%	0
004.07	Fiber, Crude, ANKOM (%)	0693	8.341	1.004	4.570	0.7643	0.2590	65	4.93	41%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0955	10.40	0.0000	4.570	0.7643	0.2590	65	7.63	64%	0
004.07	Fiber, Crude, ANKOM (%)	0202	5.644	1.933	4.570	0.7643	0.2590	65	1.40	12%	1
004.07	Fiber, Crude, ANKOM (%)	0598	9.240	2.920	4.570	0.7643	0.2590	65	6.11	51%	1
004.11	Fiber, Crude, NIR (%)	0553	3.445	0.0900	4.559	0.9933	0.0435	5			0
004.11	Fiber, Crude, NIR (%)	0011	4.000	0.0000	4.559	0.9933	0.0435	5			0
004.11	Fiber, Crude, NIR (%)	2128	4.130	0.1075	4.559	0.9933	0.0435	5			0
004.11	Fiber, Crude, NIR (%)	0720	5.600	0.0000	4.559	0.9933	0.0435	5			0
004.11	Fiber, Crude, NIR (%)	0852	5.620	0.0200	4.559	0.9933	0.0435	5			0
004.11	Fiber, Crude, NIR (%)	0889	4.570	0.4600	4.559	0.9933	0.0435	5			1
004.99	Fiber, Crude, Miscellaneous (%)	2248	3.040	0.0000				3			0
004.99	Fiber, Crude, Miscellaneous (%)	0629	3.425	0.0500				3			0
004.99	Fiber, Crude, Miscellaneous (%)	0610	4.100	0.0000				3			0
005.00	Ash, 2h @ 600°C (%)	2184	11.67	0.0200	15.10	0.5320	0.1749	92	-6.45	11%	0
005.00	Ash, 2h @ 600°C (%)	0169	12.05	0.0100	15.10	0.5320	0.1749	92	-5.74	10%	0
005.00	Ash, 2h @ 600°C (%)	0539	12.21	0.3100	15.10	0.5320	0.1749	92	-5.44	10%	0
005.00	Ash, 2h @ 600°C (%)	2033	12.70	0.2000	15.10	0.5320	0.1749	92	-4.51	8%	0
005.00	Ash, 2h @ 600°C (%)	0650	13.05	0.9000	15.10	0.5320	0.1749	92	-3.85	7%	0
005.00	Ash, 2h @ 600°C (%)	0278	13.20	0.9200	15.10	0.5320	0.1749	92	-3.57	6%	0
005.00	Ash, 2h @ 600°C (%)	0511	13.36	0.5300	15.10	0.5320	0.1749	92	-3.28	6%	0
005.00	Ash, 2h @ 600°C (%)	0357	13.45	0.1000	15.10	0.5320	0.1749	92	-3.10	5%	0
005.00	Ash, 2h @ 600°C (%)	0598	13.83	0.0900	15.10	0.5320	0.1749	92	-2.40	4%	0
005.00	Ash, 2h @ 600°C (%)	0148	13.92	0.0200	15.10	0.5320	0.1749	92	-2.22	4%	0
005.00	Ash, 2h @ 600°C (%)	0425	13.95	0.0200	15.10	0.5320	0.1749	92	-2.16	4%	0
005.00	Ash, 2h @ 600°C (%)	0918	14.17	0.1700	15.10	0.5320	0.1749	92	-1.76	3%	0
005.00	Ash, 2h @ 600°C (%)	2073	14.18	0.0500	15.10	0.5320	0.1749	92	-1.74	3%	0
005.00	Ash, 2h @ 600°C (%)	0574	14.24	0.1300	15.10	0.5320	0.1749	92	-1.63	3%	0
005.00	Ash, 2h @ 600°C (%)	0019	14.30	0.2000	15.10	0.5320	0.1749	92	-1.50	3%	0
005.00	Ash, 2h @ 600°C (%)	2076	14.39	0.5995	15.10	0.5320	0.1749	92	-1.34	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	14.47	0.2260	15.10	0.5320	0.1749	92	-1.18	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	14.55	0.5000	15.10	0.5320	0.1749	92	-1.03	2%	0
005.00	Ash, 2h @ 600°C (%)	0229	14.56	0.3100	15.10	0.5320	0.1749	92	-1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0682	14.58	0.0000	15.10	0.5320	0.1749	92	-0.98	2%	0
005.00	Ash, 2h @ 600°C (%)	0876	14.60	0.2500	15.10	0.5320	0.1749	92	-0.95	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	14.65	0.0100	15.10	0.5320	0.1749	92	-0.86	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	14.67	0.0400	15.10	0.5320	0.1749	92	-0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	14.75	0.0200	15.10	0.5320	0.1749	92	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	14.84	0.1500	15.10	0.5320	0.1749	92	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	14.84	0.6700	15.10	0.5320	0.1749	92	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	14.89	0.0500	15.10	0.5320	0.1749	92	-0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	2053	14.94	0.2900	15.10	0.5320	0.1749	92	-0.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0026	15.00	0.3900	15.10	0.5320	0.1749	92	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	2199	15.00	0.4000	15.10	0.5320	0.1749	92	-0.19	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 (%)	0881	15.00	0.1070	15.10	0.5320	0.1749	92	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	15.02	0.2300	15.10	0.5320	0.1749	92	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	15.04	0.2800	15.10	0.5320	0.1749	92	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0853	15.05	0.1000	15.10	0.5320	0.1749	92	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	15.08	0.0600	15.10	0.5320	0.1749	92	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	15.10	0.0000	15.10	0.5320	0.1749	92	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	15.11	0.2700	15.10	0.5320	0.1749	92	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	15.14	0.0100	15.10	0.5320	0.1749	92	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	15.17	0.2400	15.10	0.5320	0.1749	92	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0175	15.18	0.3000	15.10	0.5320	0.1749	92	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	15.19	0.0800	15.10	0.5320	0.1749	92	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	15.20	0.0400	15.10	0.5320	0.1749	92	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	15.23	0.0300	15.10	0.5320	0.1749	92	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	2259	15.24	0.1870	15.10	0.5320	0.1749	92	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	15.25	0.0032	15.10	0.5320	0.1749	92	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	15.25	0.1000	15.10	0.5320	0.1749	92	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	2242	15.27	0.3100	15.10	0.5320	0.1749	92	0.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	15.27	0.5600	15.10	0.5320	0.1749	92	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	2248	15.29	0.0100	15.10	0.5320	0.1749	92	0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	15.29	0.1157	15.10	0.5320	0.1749	92	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	15.30	0.0100	15.10	0.5320	0.1749	92	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	15.32	0.1700	15.10	0.5320	0.1749	92	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	15.32	0.0000	15.10	0.5320	0.1749	92	0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0656	15.33	0.1200	15.10	0.5320	0.1749	92	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	15.34	0.0100	15.10	0.5320	0.1749	92	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	15.35	0.0978	15.10	0.5320	0.1749	92	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	15.35	0.1000	15.10	0.5320	0.1749	92	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	15.36	0.0000	15.10	0.5320	0.1749	92	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	15.38	0.0300	15.10	0.5320	0.1749	92	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	15.38	0.2500	15.10	0.5320	0.1749	92	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	15.38	0.1800	15.10	0.5320	0.1749	92	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	15.38	0.0200	15.10	0.5320	0.1749	92	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0874	15.38	0.1600	15.10	0.5320	0.1749	92	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	15.39	0.1800	15.10	0.5320	0.1749	92	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	2246	15.40	0.0700	15.10	0.5320	0.1749	92	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	15.40	0.0000	15.10	0.5320	0.1749	92	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	15.42	0.0500	15.10	0.5320	0.1749	92	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	15.43	0.1100	15.10	0.5320	0.1749	92	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	15.43	0.0600	15.10	0.5320	0.1749	92	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	15.44	0.0725	15.10	0.5320	0.1749	92	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	15.45	0.1100	15.10	0.5320	0.1749	92	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	15.45	0.0200	15.10	0.5320	0.1749	92	0.66	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 (%)	2006	15.46	0.0200	15.10	0.5320	0.1749	92	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0034	15.47	0.2760	15.10	0.5320	0.1749	92	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	15.48	0.0400	15.10	0.5320	0.1749	92	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	15.50	0.4000	15.10	0.5320	0.1749	92	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	15.50	0.8000	15.10	0.5320	0.1749	92	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	2268	15.51	0.1400	15.10	0.5320	0.1749	92	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	15.52	0.1400	15.10	0.5320	0.1749	92	0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	2181	15.52	0.0800	15.10	0.5320	0.1749	92	0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0017	15.55	0.1000	15.10	0.5320	0.1749	92	0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	15.55	0.3000	15.10	0.5320	0.1749	92	0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	15.55	0.1400	15.10	0.5320	0.1749	92	0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	15.60	0.2600	15.10	0.5320	0.1749	92	0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0366	15.65	0.1000	15.10	0.5320	0.1749	92	1.03	2%	0
005.00	Ash, 2h @ 600°C (%)	0062	15.67	0.0980	15.10	0.5320	0.1749	92	1.08	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	15.70	0.2000	15.10	0.5320	0.1749	92	1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	15.70	0.0200	15.10	0.5320	0.1749	92	1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0353	15.78	0.1000	15.10	0.5320	0.1749	92	1.28	2%	0
005.00	Ash, 2h @ 600°C (%)	0123	15.81	0.3500	15.10	0.5320	0.1749	92	1.33	2%	0
005.00	Ash, 2h @ 600°C (%)	0852	15.99	0.0700	15.10	0.5320	0.1749	92	1.66	3%	0
005.00	Ash, 2h @ 600°C (%)	0948	15.99	0.0300	15.10	0.5320	0.1749	92	1.66	3%	0
005.00	Ash, 2h @ 600°C (%)	0049	13.24	1.560	15.10	0.5320	0.1749	92	-3.50	6%	1
005.02	Ash, LECO (%)	0644	14.74	0.1400				1			0
005.03	Ash, Microwave furnace (%)	0912	14.35	0.1000				1			0
005.05	Ash, 3h @ 550°C (%)	0003	14.32	0.4500	15.54	0.2799	0.1217	35	-4.39	4%	0
005.05	Ash, 3h @ 550°C (%)	0726	14.67	0.0400	15.54	0.2799	0.1217	35	-3.12	3%	0
005.05	Ash, 3h @ 550°C (%)	0720	14.68	0.0100	15.54	0.2799	0.1217	35	-3.10	3%	0
005.05	Ash, 3h @ 550°C (%)	0066	14.83	0.1230	15.54	0.2799	0.1217	35	-2.57	2%	0
005.05	Ash, 3h @ 550°C (%)	0038	14.96	0.3200	15.54	0.2799	0.1217	35	-2.09	2%	0
005.05	Ash, 3h @ 550°C (%)	0897	15.19	0.0200	15.54	0.2799	0.1217	35	-1.26	1%	0
005.05	Ash, 3h @ 550°C (%)	2109	15.30	0.3600	15.54	0.2799	0.1217	35	-0.87	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	15.31	0.2800	15.54	0.2799	0.1217	35	-0.84	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	15.35	0.1000	15.54	0.2799	0.1217	35	-0.69	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	15.41	0.0900	15.54	0.2799	0.1217	35	-0.50	0%	0
005.05	Ash, 3h @ 550°C (%)	0596	15.48	0.0100	15.54	0.2799	0.1217	35	-0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	15.49	0.0580	15.54	0.2799	0.1217	35	-0.21	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	15.50	0.0800	15.54	0.2799	0.1217	35	-0.16	0%	0
005.05	Ash, 3h @ 550°C (%)	2198	15.52	0.0500	15.54	0.2799	0.1217	35	-0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	15.55	0.0500	15.54	0.2799	0.1217	35	0.00	0%	0
005.05	Ash, 3h @ 550°C (%)	2192	15.56	0.0500	15.54	0.2799	0.1217	35	0.04	0%	0
005.05	Ash, 3h @ 550°C (%)	2264	15.56	0.0870	15.54	0.2799	0.1217	35	0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	15.56	0.0320	15.54	0.2799	0.1217	35	0.07	0%	0
005.05	Ash, 3h @ 550°C (%)	0695	15.57	0.0100	15.54	0.2799	0.1217	35	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	
005.05	Ash, 3h @ 550°C (%)	0683	15.61	0.0300	15.54	0.2799	0.1217	35	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	15.65	0.1000	15.54	0.2799	0.1217	35	0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	15.65	0.0600	15.54	0.2799	0.1217	35	0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	15.68	0.0084	15.54	0.2799	0.1217	35	0.48	0%	0
005.05	Ash, 3h @ 550°C (%)	2246	15.69	0.1200	15.54	0.2799	0.1217	35	0.52	0%	0
005.05	Ash, 3h @ 550°C (%)	2126	15.70	0.0400	15.54	0.2799	0.1217	35	0.56	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	15.72	0.2000	15.54	0.2799	0.1217	35	0.63	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	15.73	0.0100	15.54	0.2799	0.1217	35	0.65	1%	0
005.05	Ash, 3h @ 550°C (%)	2062	15.75	0.0126	15.54	0.2799	0.1217	35	0.74	1%	0
005.05	Ash, 3h @ 550°C (%)	2190	15.77	0.2200	15.54	0.2799	0.1217	35	0.81	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	15.78	0.0000	15.54	0.2799	0.1217	35	0.84	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	15.80	0.0789	15.54	0.2799	0.1217	35	0.93	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	15.82	0.1200	15.54	0.2799	0.1217	35	0.99	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	15.83	0.0000	15.54	0.2799	0.1217	35	1.02	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	16.13	0.9400	15.54	0.2799	0.1217	35	2.09	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	16.32	0.1000	15.54	0.2799	0.1217	35	2.77	2%	0
005.05	Ash, 3h @ 550°C (%)	0893	755.0	1,480	15.54	0.2799	0.1217	35	2641.49	2379%	2
005.11	Ash, NIR (%)	0889	9.310	0.1400	10.48	1.242	0.1100	4			0
005.11	Ash, NIR (%)	0297	9.550	0.1000	10.48	1.242	0.1100	4			0
005.11	Ash, NIR (%)	0852	11.22	0.0800	10.48	1.242	0.1100	4			0
005.11	Ash, NIR (%)	0720	11.84	0.1200	10.48	1.242	0.1100	4			0
005.11	Ash, NIR (%)	2128	9.602	0.5600	10.48	1.242	0.1100	4			1
005.99	Ash, Miscellaneous (%)	2081	11.39	0.3400	15.51	0.3017	0.2023	10	-13.64	13%	0
005.99	Ash, Miscellaneous (%)	0662	12.43	0.0848	15.51	0.3017	0.2023	10	-10.19	10%	0
005.99	Ash, Miscellaneous (%)	0884	15.40	0.6000	15.51	0.3017	0.2023	10	-0.35	0%	0
005.99	Ash, Miscellaneous (%)	0629	15.45	0.0700	15.51	0.3017	0.2023	10	-0.20	0%	0
005.99	Ash, Miscellaneous (%)	0202	15.60	0.1180	15.51	0.3017	0.2023	10	0.30	0%	0
005.99	Ash, Miscellaneous (%)	0536	15.65	0.1000	15.51	0.3017	0.2023	10	0.48	0%	0
005.99	Ash, Miscellaneous (%)	0910	15.65	0.5000	15.51	0.3017	0.2023	10	0.48	0%	0
005.99	Ash, Miscellaneous (%)	0676	15.69	0.0900	15.51	0.3017	0.2023	10	0.60	1%	0
005.99	Ash, Miscellaneous (%)	0652	15.75	0.1000	15.51	0.3017	0.2023	10	0.81	1%	0
005.99	Ash, Miscellaneous (%)	2251	15.77	0.0200	15.51	0.3017	0.2023	10	0.88	1%	0
006.00	Total Sugars, As sucrose (%)	0407	2.010	0.8600				2			0
006.00	Total Sugars, As sucrose (%)	0910	3.390	0.1000				2			0
006.99	Total Sugars, Miscellaneous (%)	0148	2.465	0.1900				3			0
006.99	Total Sugars, Miscellaneous (%)	0720	3.570	0.2800				3			0
006.99	Total Sugars, Miscellaneous (%)	0956	4.100	0.6000				3			0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	4.805	0.1100	5.659	0.3221	0.2410	14	-2.65	8%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	5.340	0.2800	5.659	0.3221	0.2410	14	-0.99	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	5.375	0.7100	5.659	0.3221	0.2410	14	-0.88	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	5.380	0.0200	5.659	0.3221	0.2410	14	-0.86	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	5.572	0.0715	5.659	0.3221	0.2410	14	-0.27	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	
008.02	Fiber, Acid Detergent, Crucible (%)	0098	5.585	0.6100	5.659	0.3221	0.2410	14	-0.23	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	5.590	0.0800	5.659	0.3221	0.2410	14	-0.21	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	5.610	0.7000	5.659	0.3221	0.2410	14	-0.15	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0187	5.750	0.0800	5.659	0.3221	0.2410	14	0.28	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	5.855	0.1100	5.659	0.3221	0.2410	14	0.61	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	5.905	0.0300	5.659	0.3221	0.2410	14	0.77	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	5.950	0.3000	5.659	0.3221	0.2410	14	0.90	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0675	5.990	0.0800	5.659	0.3221	0.2410	14	1.03	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	6.155	0.1930	5.659	0.3221	0.2410	14	1.54	4%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	7.090	0.5000				2			0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0656	21.36	1.010				2			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0026	4.315	0.6300	5.641	0.6123	0.2625	42	-2.17	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	4.600	0.1600	5.641	0.6123	0.2625	42	-1.70	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	4.795	0.3500	5.641	0.6123	0.2625	42	-1.38	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0590	4.800	0.4400	5.641	0.6123	0.2625	42	-1.37	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	4.800	0.1200	5.641	0.6123	0.2625	42	-1.37	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	5.050	0.3000	5.641	0.6123	0.2625	42	-0.97	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	5.060	0.1200	5.641	0.6123	0.2625	42	-0.95	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	5.170	0.5200	5.641	0.6123	0.2625	42	-0.77	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	5.170	0.6600	5.641	0.6123	0.2625	42	-0.77	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	5.200	0.0000	5.641	0.6123	0.2625	42	-0.72	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	5.340	0.3200	5.641	0.6123	0.2625	42	-0.49	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	5.360	0.1400	5.641	0.6123	0.2625	42	-0.46	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	5.390	0.3200	5.641	0.6123	0.2625	42	-0.41	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	5.402	0.0010	5.641	0.6123	0.2625	42	-0.39	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	5.450	0.0200	5.641	0.6123	0.2625	42	-0.31	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	5.450	0.1000	5.641	0.6123	0.2625	42	-0.31	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	5.460	0.0000	5.641	0.6123	0.2625	42	-0.30	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	5.485	0.0100	5.641	0.6123	0.2625	42	-0.25	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	5.550	0.3000	5.641	0.6123	0.2625	42	-0.15	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	5.555	0.4100	5.641	0.6123	0.2625	42	-0.14	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	5.565	0.5500	5.641	0.6123	0.2625	42	-0.12	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	5.632	0.4210	5.641	0.6123	0.2625	42	-0.02	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	5.650	0.2800	5.641	0.6123	0.2625	42	0.01	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	5.670	0.2600	5.641	0.6123	0.2625	42	0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	5.700	0.0000	5.641	0.6123	0.2625	42	0.10	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	5.720	0.3600	5.641	0.6123	0.2625	42	0.13	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	5.725	0.2900	5.641	0.6123	0.2625	42	0.14	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	5.780	0.0476	5.641	0.6123	0.2625	42	0.23	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	5.868	0.2588	5.641	0.6123	0.2625	42	0.37	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0032	5.875	0.1700	5.641	0.6123	0.2625	42	0.38	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	5.930	0.1400	5.641	0.6123	0.2625	42	0.47	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	5.985	0.0500	5.641	0.6123	0.2625	42	0.56	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	6.025	0.1900	5.641	0.6123	0.2625	42	0.63	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	6.050	0.1000	5.641	0.6123	0.2625	42	0.67	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	6.250	0.1000	5.641	0.6123	0.2625	42	0.99	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	6.300	0.0800	5.641	0.6123	0.2625	42	1.08	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	6.481	0.8022	5.641	0.6123	0.2625	42	1.37	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	6.550	0.9800	5.641	0.6123	0.2625	42	1.48	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	6.842	0.4740	5.641	0.6123	0.2625	42	1.96	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	7.366	0.1210	5.641	0.6123	0.2625	42	2.82	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	7.440	0.0600	5.641	0.6123	0.2625	42	2.94	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	7.475	0.3700	5.641	0.6123	0.2625	42	2.99	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	12.40	0.2000	5.641	0.6123	0.2625	42	11.04	60%	2
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0511	5.600	0.4000				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	6.000	0.2000				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0720	6.420	0.0800				3			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	13.98	0.0600				2			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	2246	19.74	0.4800				2			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	13.00	0.2000	14.95	1.355	0.1930	13	-1.44	7%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0187	13.54	0.0600	14.95	1.355	0.1930	13	-1.04	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	13.95	0.3000	14.95	1.355	0.1930	13	-0.74	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	13.99	0.1500	14.95	1.355	0.1930	13	-0.71	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	14.05	0.3000	14.95	1.355	0.1930	13	-0.66	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	14.38	0.4300	14.95	1.355	0.1930	13	-0.42	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0675	15.19	0.2700	14.95	1.355	0.1930	13	0.18	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0964	15.20	0.0470	14.95	1.355	0.1930	13	0.19	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	16.05	0.1000	14.95	1.355	0.1930	13	0.81	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	16.05	0.5000	14.95	1.355	0.1930	13	0.81	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	16.09	0.0018	14.95	1.355	0.1930	13	0.85	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	16.18	0.1400	14.95	1.355	0.1930	13	0.91	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	16.66	0.0100	14.95	1.355	0.1930	13	1.26	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	15.95	1.310	14.95	1.355	0.1930	13	0.74	3%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	5.080	0.3400	14.83	1.473	0.4230	40	-6.62	33%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	12.53	0.1300	14.83	1.473	0.4230	40	-1.57	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	12.69	0.1900	14.83	1.473	0.4230	40	-1.46	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	13.28	0.2900	14.83	1.473	0.4230	40	-1.06	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	13.30	0.4000	14.83	1.473	0.4230	40	-1.04	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	13.32	0.4100	14.83	1.473	0.4230	40	-1.03	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	13.40	0.2000	14.83	1.473	0.4230	40	-0.97	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	13.43	0.0220	14.83	1.473	0.4230	40	-0.95	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	13.70	0.2000	14.83	1.473	0.4230	40	-0.77	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	13.71	0.8600	14.83	1.473	0.4230	40	-0.76	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	13.90	0.4000	14.83	1.473	0.4230	40	-0.63	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	14.03	0.5945	14.83	1.473	0.4230	40	-0.55	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	14.10	0.2000	14.83	1.473	0.4230	40	-0.50	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	14.20	0.0600	14.83	1.473	0.4230	40	-0.43	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	14.32	0.2100	14.83	1.473	0.4230	40	-0.35	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0001	14.37	0.0600	14.83	1.473	0.4230	40	-0.31	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	14.52	0.3000	14.83	1.473	0.4230	40	-0.21	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	14.62	0.0000	14.83	1.473	0.4230	40	-0.14	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	14.66	1.080	14.83	1.473	0.4230	40	-0.12	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	14.69	0.1400	14.83	1.473	0.4230	40	-0.10	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	14.79	0.6500	14.83	1.473	0.4230	40	-0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	14.79	0.3000	14.83	1.473	0.4230	40	-0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	14.80	0.8000	14.83	1.473	0.4230	40	-0.02	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	15.04	0.1347	14.83	1.473	0.4230	40	0.14	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	15.04	0.4690	14.83	1.473	0.4230	40	0.15	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	15.23	1.263	14.83	1.473	0.4230	40	0.27	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	15.25	0.1000	14.83	1.473	0.4230	40	0.28	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	15.61	0.1900	14.83	1.473	0.4230	40	0.53	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	15.63	0.1800	14.83	1.473	0.4230	40	0.54	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0032	15.78	1.010	14.83	1.473	0.4230	40	0.64	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	15.94	0.4420	14.83	1.473	0.4230	40	0.75	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0590	15.98	0.7900	14.83	1.473	0.4230	40	0.78	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	16.42	0.0000	14.83	1.473	0.4230	40	1.08	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	16.46	0.5000	14.83	1.473	0.4230	40	1.11	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	16.50	0.4000	14.83	1.473	0.4230	40	1.13	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	16.58	0.4300	14.83	1.473	0.4230	40	1.18	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	16.83	0.0500	14.83	1.473	0.4230	40	1.35	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	17.58	0.0700	14.83	1.473	0.4230	40	1.86	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	17.85	1.656	14.83	1.473	0.4230	40	2.05	10%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	18.10	1.400	14.83	1.473	0.4230	40	2.22	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0656	32.92	0.8800	14.83	1.473	0.4230	40	12.28	61%	2
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0720	12.61	0.0500				2			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	14.30	0.0700				2			0
010.03	Moisture, Karl-Fischer (%)	0164	9.135	0.5700				2			0
010.03	Moisture, Karl-Fischer (%)	0843	9.200	0.2400				2			0
010.11	Moisture, NIR (%)	0720	8.075	0.0300				3			0
010.11	Moisture, NIR (%)	0889	9.448	0.0097				3			0
010.11	Moisture, NIR (%)	0852	10.96	0.0800				3			0
010.11	Moisture, NIR (%)	2128	10.11	0.4067				3			1
010.99	Moisture, Miscellaneous (%)	2129	7.985	0.2700	8.917	0.4345	0.1047	15	-2.15	5%	0
010.99	Moisture, Miscellaneous (%)	0948	8.375	0.0700	8.917	0.4345	0.1047	15	-1.25	3%	0
010.99	Moisture, Miscellaneous (%)	0692	8.470	0.1800	8.917	0.4345	0.1047	15	-1.03	3%	0
010.99	Moisture, Miscellaneous (%)	0939	8.675	0.0500	8.917	0.4345	0.1047	15	-0.56	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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010.99	Moisture, Miscellaneous (%)	2251	8.705	0.0900	8.917	0.4345	0.1047	15	-0.49	1%	0
010.99	Moisture, Miscellaneous (%)	0884	8.850	0.3000	8.917	0.4345	0.1047	15	-0.15	0%	0
010.99	Moisture, Miscellaneous (%)	2089	8.870	0.1200	8.917	0.4345	0.1047	15	-0.11	0%	0
010.99	Moisture, Miscellaneous (%)	2043	8.920	0.0800	8.917	0.4345	0.1047	15	0.01	0%	0
010.99	Moisture, Miscellaneous (%)	0726	8.925	0.0100	8.917	0.4345	0.1047	15	0.02	0%	0
010.99	Moisture, Miscellaneous (%)	2150	9.085	0.0700	8.917	0.4345	0.1047	15	0.39	1%	0
010.99	Moisture, Miscellaneous (%)	0652	9.100	0.0000	8.917	0.4345	0.1047	15	0.42	1%	0
010.99	Moisture, Miscellaneous (%)	2178	9.180	0.2000	8.917	0.4345	0.1047	15	0.61	1%	0
010.99	Moisture, Miscellaneous (%)	0190	9.245	0.0500	8.917	0.4345	0.1047	15	0.76	2%	0
010.99	Moisture, Miscellaneous (%)	2076	9.520	0.0800	8.917	0.4345	0.1047	15	1.39	3%	0
010.99	Moisture, Miscellaneous (%)	2248	9.850	0.0000	8.917	0.4345	0.1047	15	2.15	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	7.480	0.0400	9.441	0.3194	0.0871	61	-6.14	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	2199	8.300	0.2000	9.441	0.3194	0.0871	61	-3.57	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	8.655	0.1500	9.441	0.3194	0.0871	61	-2.46	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	8.720	0.0600	9.441	0.3194	0.0871	61	-2.26	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	8.815	0.0900	9.441	0.3194	0.0871	61	-1.96	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	8.900	0.0000	9.441	0.3194	0.0871	61	-1.70	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	9.015	0.1700	9.441	0.3194	0.0871	61	-1.34	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	9.080	0.0200	9.441	0.3194	0.0871	61	-1.13	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	9.085	0.1500	9.441	0.3194	0.0871	61	-1.12	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	9.098	0.0800	9.441	0.3194	0.0871	61	-1.08	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	9.112	0.0080	9.441	0.3194	0.0871	61	-1.03	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	9.180	0.1200	9.441	0.3194	0.0871	61	-0.82	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0425	9.220	0.0400	9.441	0.3194	0.0871	61	-0.69	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2193	9.230	0.2000	9.441	0.3194	0.0871	61	-0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	9.235	0.2700	9.441	0.3194	0.0871	61	-0.65	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.240	0.0000	9.441	0.3194	0.0871	61	-0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	9.290	0.0000	9.441	0.3194	0.0871	61	-0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2268	9.305	0.0700	9.441	0.3194	0.0871	61	-0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	9.315	0.1100	9.441	0.3194	0.0871	61	-0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	9.325	0.2100	9.441	0.3194	0.0871	61	-0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	9.333	0.0110	9.441	0.3194	0.0871	61	-0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	9.335	0.1100	9.441	0.3194	0.0871	61	-0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	9.350	0.1000	9.441	0.3194	0.0871	61	-0.29	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2198	9.355	0.0100	9.441	0.3194	0.0871	61	-0.27	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	9.360	0.0000	9.441	0.3194	0.0871	61	-0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2033	9.375	0.0100	9.441	0.3194	0.0871	61	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.378	0.0220	9.441	0.3194	0.0871	61	-0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2181	9.380	0.1200	9.441	0.3194	0.0871	61	-0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	9.385	0.1100	9.441	0.3194	0.0871	61	-0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	9.420	0.2400	9.441	0.3194	0.0871	61	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.420	0.1400	9.441	0.3194	0.0871	61	-0.07	0%	0

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011.01	Loss on Drying, 135°C 2hr (%)	0870	9.444	0.1625	9.441	0.3194	0.0871	61	0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	9.487	0.0040	9.441	0.3194	0.0871	61	0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	9.505	0.0300	9.441	0.3194	0.0871	61	0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	9.505	0.0100	9.441	0.3194	0.0871	61	0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	9.520	0.0000	9.441	0.3194	0.0871	61	0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	9.545	0.0500	9.441	0.3194	0.0871	61	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	9.550	0.1000	9.441	0.3194	0.0871	61	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	9.565	0.1100	9.441	0.3194	0.0871	61	0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	9.565	0.1900	9.441	0.3194	0.0871	61	0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	9.575	0.0100	9.441	0.3194	0.0871	61	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	9.595	0.0900	9.441	0.3194	0.0871	61	0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.600	0.2000	9.441	0.3194	0.0871	61	0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	9.600	0.0000	9.441	0.3194	0.0871	61	0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	9.615	0.0700	9.441	0.3194	0.0871	61	0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	9.630	0.1200	9.441	0.3194	0.0871	61	0.59	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.630	0.2800	9.441	0.3194	0.0871	61	0.59	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	9.680	0.0200	9.441	0.3194	0.0871	61	0.75	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	9.695	0.0100	9.441	0.3194	0.0871	61	0.79	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.700	0.2000	9.441	0.3194	0.0871	61	0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	9.715	0.1100	9.441	0.3194	0.0871	61	0.86	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	9.726	0.0370	9.441	0.3194	0.0871	61	0.89	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.732	0.0766	9.441	0.3194	0.0871	61	0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2246	9.830	0.0200	9.441	0.3194	0.0871	61	1.22	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0618	9.860	0.0200	9.441	0.3194	0.0871	61	1.31	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0955	9.870	0.1000	9.441	0.3194	0.0871	61	1.34	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.910	0.0800	9.441	0.3194	0.0871	61	1.47	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	9.996	0.1200	9.441	0.3194	0.0871	61	1.74	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.01	0.0900	9.441	0.3194	0.0871	61	1.76	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2184	10.09	0.0000	9.441	0.3194	0.0871	61	2.03	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	10.28	0.1400	9.441	0.3194	0.0871	61	2.63	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.765	0.9500	9.441	0.3194	0.0871	61	-2.12	4%	1
011.01	Loss on Drying, 135°C 2hr (%)	0643	9.050	0.7000	9.441	0.3194	0.0871	61	-1.23	2%	1
011.01	Loss on Drying, 135°C 2hr (%)	0843	9.495	0.8900	9.441	0.3194	0.0871	61	0.17	0%	1
011.01	Loss on Drying, 135°C 2hr (%)	0358	90.26	0.2000	9.441	0.3194	0.0871	61	253.06	428%	2
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	9.315	0.0900				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0852	8.825	0.0100				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	9.400	0.0000				2			0
012.00	Starch, Polarimetric (Ewers) (%)	0354	25.96	0.2400	28.66	0.7918	0.3107	17	-3.41	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	27.39	0.2500	28.66	0.7918	0.3107	17	-1.61	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	27.60	0.8000	28.66	0.7918	0.3107	17	-1.34	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	28.20	0.8000	28.66	0.7918	0.3107	17	-0.58	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	28.30	0.3300	28.66	0.7918	0.3107	17	-0.46	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	
012.00	Starch, Polarimetric (Ewers) (%)	0939	28.42	0.9800	28.66	0.7918	0.3107	17	-0.30	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	28.50	0.4000	28.66	0.7918	0.3107	17	-0.20	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	28.68	0.0000	28.66	0.7918	0.3107	17	0.02	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	28.81	0.2100	28.66	0.7918	0.3107	17	0.18	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	28.90	0.2000	28.66	0.7918	0.3107	17	0.30	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	28.90	0.6000	28.66	0.7918	0.3107	17	0.30	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	28.91	0.1500	28.66	0.7918	0.3107	17	0.31	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	29.04	0.0200	28.66	0.7918	0.3107	17	0.48	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	29.20	0.0000	28.66	0.7918	0.3107	17	0.68	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	29.48	0.1800	28.66	0.7918	0.3107	17	1.03	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	29.52	0.0120	28.66	0.7918	0.3107	17	1.09	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	29.84	0.1100	28.66	0.7918	0.3107	17	1.48	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	24.20	0.8000	27.10	1.950	0.5405	13	-1.49	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	25.60	0.4446	27.10	1.950	0.5405	13	-0.77	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	25.75	0.2800	27.10	1.950	0.5405	13	-0.69	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	26.00	1.800	27.10	1.950	0.5405	13	-0.56	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0708	26.25	0.6800	27.10	1.950	0.5405	13	-0.44	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	26.45	0.6800	27.10	1.950	0.5405	13	-0.33	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0885	26.95	0.3943	27.10	1.950	0.5405	13	-0.08	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2242	27.07	0.4700	27.10	1.950	0.5405	13	-0.02	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	27.40	0.4000	27.10	1.950	0.5405	13	0.15	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	27.72	0.2310	27.10	1.950	0.5405	13	0.32	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	28.89	0.3660	27.10	1.950	0.5405	13	0.92	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	30.00	0.4000	27.10	1.950	0.5405	13	1.49	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	31.55	0.0800	27.10	1.950	0.5405	13	2.28	8%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	25.58	0.1593	28.17	1.642	0.6790	6	-1.58	5%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0098	27.70	1.200	28.17	1.642	0.6790	6	-0.29	1%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0656	27.86	0.0000	28.17	1.642	0.6790	6	-0.19	1%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	28.83	1.750	28.17	1.642	0.6790	6	0.40	1%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0889	29.05	0.5047	28.17	1.642	0.6790	6	0.54	2%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0066	29.87	0.4600	28.17	1.642	0.6790	6	1.04	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0510	25.10	0.0000	26.68	1.314	0.1950	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0353	26.47	0.1300	26.68	1.314	0.1950	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0278	26.85	0.1000	26.68	1.314	0.1950	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0948	28.30	0.5500	26.68	1.314	0.1950	4			0
012.11	Starch, NIR (%)	0852	26.92	0.1500	29.31	2.172	0.1224	5			0
012.11	Starch, NIR (%)	0720	27.62	0.2200	29.31	2.172	0.1224	5			0
012.11	Starch, NIR (%)	0889	29.76	0.0262	29.31	2.172	0.1224	5			0
012.11	Starch, NIR (%)	0297	29.79	0.0900	29.31	2.172	0.1224	5			0
012.11	Starch, NIR (%)	2128	32.45	0.1260	29.31	2.172	0.1224	5			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	3.870	0.0200	4.516	0.4513	0.1142	17	-1.43	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	4.055	0.1700	4.516	0.4513	0.1142	17	-1.02	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	4.085	0.0100	4.516	0.4513	0.1142	17	-0.95	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	4.120	0.0200	4.516	0.4513	0.1142	17	-0.88	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0504	4.150	0.0200	4.516	0.4513	0.1142	17	-0.81	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	4.355	0.1348	4.516	0.4513	0.1142	17	-0.36	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	4.400	0.2000	4.516	0.4513	0.1142	17	-0.26	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	4.505	0.1500	4.516	0.4513	0.1142	17	-0.02	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	4.510	0.3600	4.516	0.4513	0.1142	17	-0.01	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	4.510	0.1200	4.516	0.4513	0.1142	17	-0.01	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	4.550	0.1000	4.516	0.4513	0.1142	17	0.08	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	4.590	0.4200	4.516	0.4513	0.1142	17	0.16	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	4.700	0.0000	4.516	0.4513	0.1142	17	0.41	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	4.987	0.0035	4.516	0.4513	0.1142	17	1.04	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	5.087	0.0484	4.516	0.4513	0.1142	17	1.27	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	5.100	0.0800	4.516	0.4513	0.1142	17	1.29	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	5.318	0.0850	4.516	0.4513	0.1142	17	1.78	9%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0874	3.780	0.1600	4.842	0.4694	0.1258	21	-2.26	11%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0425	4.190	0.1200	4.842	0.4694	0.1258	21	-1.39	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0650	4.225	0.0900	4.842	0.4694	0.1258	21	-1.31	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	4.245	0.0700	4.842	0.4694	0.1258	21	-1.27	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	4.495	0.1300	4.842	0.4694	0.1258	21	-0.74	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0074	4.560	0.3600	4.842	0.4694	0.1258	21	-0.60	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	4.655	0.0700	4.842	0.4694	0.1258	21	-0.40	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	4.715	0.1100	4.842	0.4694	0.1258	21	-0.27	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	4.834	0.0024	4.842	0.4694	0.1258	21	-0.02	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	4.860	0.0600	4.842	0.4694	0.1258	21	0.04	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2264	4.887	0.0426	4.842	0.4694	0.1258	21	0.09	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2033	4.905	0.0500	4.842	0.4694	0.1258	21	0.13	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	5.045	0.2700	4.842	0.4694	0.1258	21	0.43	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	5.105	0.1500	4.842	0.4694	0.1258	21	0.56	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	5.110	0.0000	4.842	0.4694	0.1258	21	0.57	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	5.120	0.0000	4.842	0.4694	0.1258	21	0.59	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	5.160	0.0200	4.842	0.4694	0.1258	21	0.68	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	5.170	0.1460	4.842	0.4694	0.1258	21	0.70	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0100	5.285	0.0700	4.842	0.4694	0.1258	21	0.94	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	5.435	0.4700	4.842	0.4694	0.1258	21	1.26	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	5.585	0.2500	4.842	0.4694	0.1258	21	1.58	8%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	3.375	0.0134				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	3.668	0.1321	4.215	0.3486	0.0644	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	4.105	0.0100	4.215	0.3486	0.0644	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0720	4.290	0.0800	4.215	0.3486	0.0644	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	4.480	0.1000	4.215	0.3486	0.0644	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	4.530	0.0000	4.215	0.3486	0.0644	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			
013.12	Fat, Acid Pretreat, NIR- Acid Hydrolysis (%)	2128	5.064	0.0333				1			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	3.745	0.0300	5.081	0.7884	0.3476	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	5.013	0.6379	5.081	0.7884	0.3476	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	5.455	0.0300	5.081	0.7884	0.3476	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	5.475	0.9100	5.081	0.7884	0.3476	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0955	5.715	0.1300	5.081	0.7884	0.3476	5			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	124.5	7.450	143.3	20.31	6.605	5			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0407	124.8	2.275	143.3	20.31	6.605	5			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	139.9	2.300	143.3	20.31	6.605	5			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	156.5	17.00	143.3	20.31	6.605	5			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	171.0	4.000	143.3	20.31	6.605	5			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	122.7	10.10				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	106.0	5.046	134.0	19.96	5.723	9	-1.40	10%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	118.0	0.0000	134.0	19.96	5.723	9	-0.80	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	123.5	3.000	134.0	19.96	5.723	9	-0.53	4%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0425	127.2	2.260	134.0	19.96	5.723	9	-0.34	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	130.5	3.000	134.0	19.96	5.723	9	-0.18	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0032	140.5	11.00	134.0	19.96	5.723	9	0.33	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	146.5	11.00	134.0	19.96	5.723	9	0.63	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	154.0	8.000	134.0	19.96	5.723	9	1.00	7%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0407	159.9	8.196	134.0	19.96	5.723	9	1.30	10%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	160.0	16.00				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	6.715	0.3900	10.04	2.230	0.5594	5			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	9.915	1.610	10.04	2.230	0.5594	5			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	10.16	0.0300	10.04	2.230	0.5594	5			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0407	10.40	0.6769	10.04	2.230	0.5594	5			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	12.99	0.0900	10.04	2.230	0.5594	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0265	8.065	0.1700	10.35	1.861	0.2110	6	-1.23	11%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	9.442	0.1860	10.35	1.861	0.2110	6	-0.49	4%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	10.20	0.2000	10.35	1.861	0.2110	6	-0.08	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	10.25	0.6000	10.35	1.861	0.2110	6	-0.05	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	11.18	0.0300	10.35	1.861	0.2110	6	0.45	4%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	12.94	0.0800	10.35	1.861	0.2110	6	1.39	13%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	2.000	0.0000	9.473	1.687	0.3744	8	-4.43	39%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0032	7.510	0.3600	9.473	1.687	0.3744	8	-1.16	10%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	9.200	0.2000	9.473	1.687	0.3744	8	-0.16	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	10.00	0.0000	9.473	1.687	0.3744	8	0.31	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	10.08	0.0100	9.473	1.687	0.3744	8	0.36	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	10.50	1.000	9.473	1.687	0.3744	8	0.61	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0407	10.61	1.325	9.473	1.687	0.3744	8	0.67	6%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0083	10.95	0.1000	9.473	1.687	0.3744	8	0.88	8%	0
017.53	Boron, ICP-MS, Microwave (mg / kg (ppm))	0553	9.435	0.4900				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	
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	4.596	0.0370	4.898	0.0831	0.0760	10	-3.64	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	4.816	0.0870	4.898	0.0831	0.0760	10	-1.00	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	4.855	0.1300	4.898	0.0831	0.0760	10	-0.52	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	4.875	0.0300	4.898	0.0831	0.0760	10	-0.28	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	4.900	0.0400	4.898	0.0831	0.0760	10	0.02	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	4.910	0.0400	4.898	0.0831	0.0760	10	0.14	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	4.910	0.1000	4.898	0.0831	0.0760	10	0.14	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	4.951	0.0770	4.898	0.0831	0.0760	10	0.63	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2246	4.970	0.0800	4.898	0.0831	0.0760	10	0.86	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	5.193	0.1390	4.898	0.0831	0.0760	10	3.54	3%	0
019.02	Calcium, Hach Method (%)	0536	3.965	0.0700				2			0
019.02	Calcium, Hach Method (%)	2128	4.380	0.5850				2			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	4.991	0.0006				1			0
019.08	Calcium, EDTA (%)	2199	3.550	0.1000	4.793	0.2842	0.0450	13	-4.37	13%	0
019.08	Calcium, EDTA (%)	2200	3.600	0.2000	4.793	0.2842	0.0450	13	-4.20	12%	0
019.08	Calcium, EDTA (%)	0590	4.645	0.0100	4.793	0.2842	0.0450	13	-0.52	2%	0
019.08	Calcium, EDTA (%)	0885	4.697	0.0394	4.793	0.2842	0.0450	13	-0.34	1%	0
019.08	Calcium, EDTA (%)	0629	4.700	0.0200	4.793	0.2842	0.0450	13	-0.33	1%	0
019.08	Calcium, EDTA (%)	2188	4.730	0.0000	4.793	0.2842	0.0450	13	-0.22	1%	0
019.08	Calcium, EDTA (%)	2193	4.840	0.0000	4.793	0.2842	0.0450	13	0.17	0%	0
019.08	Calcium, EDTA (%)	0689	4.850	0.0000	4.793	0.2842	0.0450	13	0.20	1%	0
019.08	Calcium, EDTA (%)	0849	4.852	0.0240	4.793	0.2842	0.0450	13	0.21	1%	0
019.08	Calcium, EDTA (%)	2196	4.930	0.0000	4.793	0.2842	0.0450	13	0.48	1%	0
019.08	Calcium, EDTA (%)	2009	5.041	0.0080	4.793	0.2842	0.0450	13	0.87	3%	0
019.08	Calcium, EDTA (%)	2190	5.068	0.0842	4.793	0.2842	0.0450	13	0.97	3%	0
019.08	Calcium, EDTA (%)	0852	5.850	0.1000	4.793	0.2842	0.0450	13	3.72	11%	0
019.31	Calcium, AAS, Dry ash (%)	2022	4.700	0.0200	4.974	0.2344	0.0834	20	-1.17	3%	0
019.31	Calcium, AAS, Dry ash (%)	0536	4.716	0.0230	4.974	0.2344	0.0834	20	-1.10	3%	0
019.31	Calcium, AAS, Dry ash (%)	2018	4.760	0.0200	4.974	0.2344	0.0834	20	-0.91	2%	0
019.31	Calcium, AAS, Dry ash (%)	0142	4.780	0.1035	4.974	0.2344	0.0834	20	-0.83	2%	0
019.31	Calcium, AAS, Dry ash (%)	0175	4.785	0.1300	4.974	0.2344	0.0834	20	-0.81	2%	0
019.31	Calcium, AAS, Dry ash (%)	0108	4.840	0.0600	4.974	0.2344	0.0834	20	-0.57	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	4.849	0.0920	4.974	0.2344	0.0834	20	-0.53	1%	0
019.31	Calcium, AAS, Dry ash (%)	2198	4.885	0.0500	4.974	0.2344	0.0834	20	-0.38	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	4.900	0.2000	4.974	0.2344	0.0834	20	-0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	0904	4.900	0.0600	4.974	0.2344	0.0834	20	-0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	4.900	0.0000	4.974	0.2344	0.0834	20	-0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	4.940	0.0800	4.974	0.2344	0.0834	20	-0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	2246	5.040	0.2000	4.974	0.2344	0.0834	20	0.28	1%	0
019.31	Calcium, AAS, Dry ash (%)	0868	5.050	0.0600	4.974	0.2344	0.0834	20	0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	5.053	0.2320	4.974	0.2344	0.0834	20	0.34	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	5.173	0.0100	4.974	0.2344	0.0834	20	0.85	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	
019.31	Calcium, AAS, Dry ash (%)	2248	5.230	0.1470	4.974	0.2344	0.0834	20	1.09	3%	0
019.31	Calcium, AAS, Dry ash (%)	0656	5.375	0.0100	4.974	0.2344	0.0834	20	1.71	4%	0
019.31	Calcium, AAS, Dry ash (%)	0529	5.655	0.1500	4.974	0.2344	0.0834	20	2.91	7%	0
019.31	Calcium, AAS, Dry ash (%)	0874	5.810	0.0200	4.974	0.2344	0.0834	20	3.57	8%	0
019.31	Calcium, AAS, Dry ash (%)	2097	0.1365	0.0070	4.974	0.2344	0.0834	20	-20.63	49%	2
019.32	Calcium, AAS, Open vessel (%)	0169	4.725	0.0500				1			0
019.33	Calcium, AAS, Microwave (%)	0612	5.260	0.2400				1			0
019.34	Calcium, AAS, Dry ash (%)	2126	4.990	0.0000				1			0
019.41	Calcium, ICP, Dry ash (%)	0123	4.135	0.0700	4.853	0.2497	0.0982	29	-2.87	7%	0
019.41	Calcium, ICP, Dry ash (%)	0298	4.440	0.0200	4.853	0.2497	0.0982	29	-1.65	4%	0
019.41	Calcium, ICP, Dry ash (%)	0910	4.540	0.2600	4.853	0.2497	0.0982	29	-1.25	3%	0
019.41	Calcium, ICP, Dry ash (%)	0144	4.585	0.1300	4.853	0.2497	0.0982	29	-1.07	3%	0
019.41	Calcium, ICP, Dry ash (%)	0098	4.660	0.0400	4.853	0.2497	0.0982	29	-0.77	2%	0
019.41	Calcium, ICP, Dry ash (%)	0848	4.670	0.0000	4.853	0.2497	0.0982	29	-0.73	2%	0
019.41	Calcium, ICP, Dry ash (%)	0148	4.680	0.1400	4.853	0.2497	0.0982	29	-0.69	2%	0
019.41	Calcium, ICP, Dry ash (%)	0004	4.700	0.3800	4.853	0.2497	0.0982	29	-0.61	2%	0
019.41	Calcium, ICP, Dry ash (%)	0019	4.705	0.0300	4.853	0.2497	0.0982	29	-0.59	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	4.735	0.0500	4.853	0.2497	0.0982	29	-0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	4.770	0.1800	4.853	0.2497	0.0982	29	-0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	4.800	0.0800	4.853	0.2497	0.0982	29	-0.21	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	4.810	0.0470	4.853	0.2497	0.0982	29	-0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	2259	4.820	0.1080	4.853	0.2497	0.0982	29	-0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0003	4.835	0.0500	4.853	0.2497	0.0982	29	-0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0066	4.856	0.0900	4.853	0.2497	0.0982	29	0.01	0%	0
019.41	Calcium, ICP, Dry ash (%)	0354	4.885	0.0100	4.853	0.2497	0.0982	29	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	4.900	0.0200	4.853	0.2497	0.0982	29	0.19	0%	0
019.41	Calcium, ICP, Dry ash (%)	0878	4.900	0.1000	4.853	0.2497	0.0982	29	0.19	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	4.925	0.0200	4.853	0.2497	0.0982	29	0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0520	4.950	0.1000	4.853	0.2497	0.0982	29	0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	4.980	0.0800	4.853	0.2497	0.0982	29	0.51	1%	0
019.41	Calcium, ICP, Dry ash (%)	0685	4.985	0.0100	4.853	0.2497	0.0982	29	0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0511	5.010	0.3600	4.853	0.2497	0.0982	29	0.63	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	5.185	0.0100	4.853	0.2497	0.0982	29	1.33	3%	0
019.41	Calcium, ICP, Dry ash (%)	0407	5.207	0.1560	4.853	0.2497	0.0982	29	1.42	4%	0
019.41	Calcium, ICP, Dry ash (%)	0226	5.235	0.1700	4.853	0.2497	0.0982	29	1.53	4%	0
019.41	Calcium, ICP, Dry ash (%)	0695	5.250	0.1270	4.853	0.2497	0.0982	29	1.59	4%	0
019.41	Calcium, ICP, Dry ash (%)	0720	5.875	0.0100	4.853	0.2497	0.0982	29	4.09	11%	0
019.41	Calcium, ICP, Dry ash (%)	0011	14.59	0.0000	4.853	0.2497	0.0982	29	39.00	100%	2
019.42	Calcium, ICP, Open vessel (%)	0026	3.446	0.7790	4.895	0.2509	0.1780	20	-5.78	15%	0
019.42	Calcium, ICP, Open vessel (%)	0265	4.595	0.2900	4.895	0.2509	0.1780	20	-1.19	3%	0
019.42	Calcium, ICP, Open vessel (%)	0294	4.600	0.0400	4.895	0.2509	0.1780	20	-1.17	3%	0
019.42	Calcium, ICP, Open vessel (%)	0035	4.645	0.0500	4.895	0.2509	0.1780	20	-1.00	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	
019.42	Calcium, ICP, Open vessel (%)	0037	4.671	0.0930	4.895	0.2509	0.1780	20	-0.89	2%	0
019.42	Calcium, ICP, Open vessel (%)	0357	4.783	0.0132	4.895	0.2509	0.1780	20	-0.45	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	4.796	0.2230	4.895	0.2509	0.1780	20	-0.40	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	4.800	0.1200	4.895	0.2509	0.1780	20	-0.38	1%	0
019.42	Calcium, ICP, Open vessel (%)	2129	4.850	0.4000	4.895	0.2509	0.1780	20	-0.18	0%	0
019.42	Calcium, ICP, Open vessel (%)	2259	4.885	0.1080	4.895	0.2509	0.1780	20	-0.04	0%	0
019.42	Calcium, ICP, Open vessel (%)	0366	4.890	0.5200	4.895	0.2509	0.1780	20	-0.02	0%	0
019.42	Calcium, ICP, Open vessel (%)	0190	4.955	0.0100	4.895	0.2509	0.1780	20	0.24	1%	0
019.42	Calcium, ICP, Open vessel (%)	0726	4.965	0.0060	4.895	0.2509	0.1780	20	0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	5.028	0.1360	4.895	0.2509	0.1780	20	0.53	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	5.040	0.4200	4.895	0.2509	0.1780	20	0.58	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	5.063	0.0710	4.895	0.2509	0.1780	20	0.67	2%	0
019.42	Calcium, ICP, Open vessel (%)	0692	5.135	0.0900	4.895	0.2509	0.1780	20	0.96	2%	0
019.42	Calcium, ICP, Open vessel (%)	0187	5.180	0.0200	4.895	0.2509	0.1780	20	1.14	3%	0
019.42	Calcium, ICP, Open vessel (%)	0045	5.225	0.1700	4.895	0.2509	0.1780	20	1.32	3%	0
019.42	Calcium, ICP, Open vessel (%)	2053	5.400	0.0000	4.895	0.2509	0.1780	20	2.01	5%	0
019.43	Calcium, ICP, Microwave (%)	0089	4.305	0.0100	4.868	0.2135	0.1001	28	-2.63	6%	0
019.43	Calcium, ICP, Microwave (%)	0036	4.637	0.0519	4.868	0.2135	0.1001	28	-1.08	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	4.640	0.2000	4.868	0.2135	0.1001	28	-1.07	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	4.650	0.2600	4.868	0.2135	0.1001	28	-1.02	2%	0
019.43	Calcium, ICP, Microwave (%)	2192	4.650	0.2400	4.868	0.2135	0.1001	28	-1.02	2%	0
019.43	Calcium, ICP, Microwave (%)	0202	4.698	0.0830	4.868	0.2135	0.1001	28	-0.80	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	4.720	0.0200	4.868	0.2135	0.1001	28	-0.69	2%	0
019.43	Calcium, ICP, Microwave (%)	0425	4.745	0.0700	4.868	0.2135	0.1001	28	-0.57	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	4.750	0.0110	4.868	0.2135	0.1001	28	-0.55	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	4.770	0.0800	4.868	0.2135	0.1001	28	-0.46	1%	0
019.43	Calcium, ICP, Microwave (%)	0297	4.775	0.0500	4.868	0.2135	0.1001	28	-0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	4.795	0.0300	4.868	0.2135	0.1001	28	-0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	4.796	0.0100	4.868	0.2135	0.1001	28	-0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	4.810	0.1000	4.868	0.2135	0.1001	28	-0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	4.830	0.2200	4.868	0.2135	0.1001	28	-0.18	0%	0
019.43	Calcium, ICP, Microwave (%)	0918	4.876	0.0860	4.868	0.2135	0.1001	28	0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	0407	4.904	0.0555	4.868	0.2135	0.1001	28	0.17	0%	0
019.43	Calcium, ICP, Microwave (%)	0038	4.910	0.1080	4.868	0.2135	0.1001	28	0.20	0%	0
019.43	Calcium, ICP, Microwave (%)	0610	4.950	0.0800	4.868	0.2135	0.1001	28	0.39	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	4.956	0.0040	4.868	0.2135	0.1001	28	0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0964	4.987	0.0814	4.868	0.2135	0.1001	28	0.56	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	5.020	0.0000	4.868	0.2135	0.1001	28	0.71	2%	0
019.43	Calcium, ICP, Microwave (%)	0629	5.055	0.0300	4.868	0.2135	0.1001	28	0.88	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	5.071	0.2530	4.868	0.2135	0.1001	28	0.95	2%	0
019.43	Calcium, ICP, Microwave (%)	0035	5.230	0.0800	4.868	0.2135	0.1001	28	1.70	4%	0
019.43	Calcium, ICP, Microwave (%)	0032	5.325	0.3700	4.868	0.2135	0.1001	28	2.14	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	2234	6.560	0.1200	4.868	0.2135	0.1001	28	7.93	17%	0
019.43	Calcium, ICP, Microwave (%)	0505	7.920	0.1000	4.868	0.2135	0.1001	28	14.30	31%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	4.513	0.0279				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	5.430	0.0800				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	5.145	0.0500				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	5.365	0.1100				2			0
019.99	Calcium, Miscellaneous (%)	0889	3.677	0.0380	4.870	0.3346	0.1463	6	-3.56	12%	0
019.99	Calcium, Miscellaneous (%)	0242	4.655	0.0500	4.870	0.3346	0.1463	6	-0.64	2%	0
019.99	Calcium, Miscellaneous (%)	0676	4.995	0.0500	4.870	0.3346	0.1463	6	0.37	1%	0
019.99	Calcium, Miscellaneous (%)	0590	5.035	0.4700	4.870	0.3346	0.1463	6	0.49	2%	0
019.99	Calcium, Miscellaneous (%)	2251	5.040	0.0200	4.870	0.3346	0.1463	6	0.51	2%	0
019.99	Calcium, Miscellaneous (%)	0100	5.125	0.2500	4.870	0.3346	0.1463	6	0.76	3%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	0.8500	0.1000	1.405	0.3803	0.0500	4			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	2248	1.485	0.0900	1.405	0.3803	0.0500	4			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	1.585	0.0100	1.405	0.3803	0.0500	4			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	1.700	0.0000	1.405	0.3803	0.0500	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	0.8750	0.0380	1.470	0.4045	0.0153	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0148	1.580	0.0200	1.470	0.4045	0.0153	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0407	1.656	0.0033	1.470	0.4045	0.0153	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	1.770	0.0000	1.470	0.4045	0.0153	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	4.517	0.0000	1.470	0.4045	0.0153	4			2
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	1.137	0.3330				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	1.220	0.3600				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	1.315	0.0100				3			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	1.085	0.0300	1.447	0.3452	0.1138	8	-1.05	13%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0353	1.119	0.1422	1.447	0.3452	0.1138	8	-0.95	11%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	1.244	0.0459	1.447	0.3452	0.1138	8	-0.59	7%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0032	1.425	0.3700	1.447	0.3452	0.1138	8	-0.06	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0941	1.480	0.0000	1.447	0.3452	0.1138	8	0.10	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	1.485	0.1500	1.447	0.3452	0.1138	8	0.11	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	1.805	0.1100	1.447	0.3452	0.1138	8	1.04	12%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0407	1.934	0.0626	1.447	0.3452	0.1138	8	1.41	17%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.1305	0.0250				2			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.6350	0.0700				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.8502	0.0584				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	1.635	0.0500				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0939	1.725	0.0500				3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2246	17.66	0.1700	26.30	4.449	0.6770	10	-1.94	16%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	21.63	0.1500	26.30	4.449	0.6770	10	-1.05	9%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0596	23.71	0.2600	26.30	4.449	0.6770	10	-0.58	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	25.42	0.0500	26.30	4.449	0.6770	10	-0.20	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	26.05	1.100	26.30	4.449	0.6770	10	-0.06	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2248	27.42	1.440	26.30	4.449	0.6770	10	0.25	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2196	28.00	0.0000	26.30	4.449	0.6770	10	0.38	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	28.50	1.000	26.30	4.449	0.6770	10	0.50	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2188	29.65	2.100	26.30	4.449	0.6770	10	0.75	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	45.65	0.5000	26.30	4.449	0.6770	10	4.35	37%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	27.53	0.2230				1			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	23.06	0.0000	26.05	1.644	0.7336	19	-1.82	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	24.25	1.100	26.05	1.644	0.7336	19	-1.09	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	24.50	1.000	26.05	1.644	0.7336	19	-0.94	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0354	24.93	0.1200	26.05	1.644	0.7336	19	-0.68	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	25.00	2.000	26.05	1.644	0.7336	19	-0.64	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	25.00	0.0000	26.05	1.644	0.7336	19	-0.64	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	25.14	0.4977	26.05	1.644	0.7336	19	-0.55	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	25.15	0.1000	26.05	1.644	0.7336	19	-0.55	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	25.41	0.2400	26.05	1.644	0.7336	19	-0.39	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	26.00	1.490	26.05	1.644	0.7336	19	-0.03	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	26.07	0.5800	26.05	1.644	0.7336	19	0.01	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	26.44	0.0400	26.05	1.644	0.7336	19	0.24	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	27.00	2.000	26.05	1.644	0.7336	19	0.58	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	27.00	0.0000	26.05	1.644	0.7336	19	0.58	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	27.04	0.3900	26.05	1.644	0.7336	19	0.60	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	27.39	0.2200	26.05	1.644	0.7336	19	0.82	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	28.00	0.0000	26.05	1.644	0.7336	19	1.19	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	28.50	1.000	26.05	1.644	0.7336	19	1.49	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	30.53	3.160	26.05	1.644	0.7336	19	2.73	9%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	23.33	1.050	26.22	1.642	0.9976	17	-1.76	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	23.45	0.1000	26.22	1.642	0.9976	17	-1.68	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	24.50	1.000	26.22	1.642	0.9976	17	-1.04	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	24.70	0.2000	26.22	1.642	0.9976	17	-0.92	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	25.05	0.1000	26.22	1.642	0.9976	17	-0.71	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	25.67	0.5400	26.22	1.642	0.9976	17	-0.33	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	26.07	0.3700	26.22	1.642	0.9976	17	-0.09	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	26.25	3.700	26.22	1.642	0.9976	17	0.02	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	26.60	0.8000	26.22	1.642	0.9976	17	0.23	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	26.60	0.2000	26.22	1.642	0.9976	17	0.23	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	26.88	2.987	26.22	1.642	0.9976	17	0.41	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	27.00	0.0000	26.22	1.642	0.9976	17	0.48	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	27.36	0.1220	26.22	1.642	0.9976	17	0.70	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	27.50	0.6000	26.22	1.642	0.9976	17	0.78	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	27.62	3.330	26.22	1.642	0.9976	17	0.85	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	27.69	1.690	26.22	1.642	0.9976	17	0.89	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	35.22	0.1700	26.22	1.642	0.9976	17	5.48	17%	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 (mg / kg (ppm))	0017	23.34	2.341	25.68	1.580	0.5863	22	-1.48	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	23.50	1.000	25.68	1.580	0.5863	22	-1.38	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	24.20	0.2000	25.68	1.580	0.5863	22	-0.94	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0407	24.35	0.0068	25.68	1.580	0.5863	22	-0.84	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0032	24.40	1.000	25.68	1.580	0.5863	22	-0.81	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	24.45	0.1000	25.68	1.580	0.5863	22	-0.78	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	24.50	1.000	25.68	1.580	0.5863	22	-0.75	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	24.58	1.300	25.68	1.580	0.5863	22	-0.70	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	25.32	0.0600	25.68	1.580	0.5863	22	-0.23	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	25.42	1.600	25.68	1.580	0.5863	22	-0.16	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	25.87	0.1400	25.68	1.580	0.5863	22	0.12	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	25.95	1.500	25.68	1.580	0.5863	22	0.17	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	26.00	0.0000	25.68	1.580	0.5863	22	0.20	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	26.00	0.0000	25.68	1.580	0.5863	22	0.20	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	26.13	0.2727	25.68	1.580	0.5863	22	0.29	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	26.50	1.000	25.68	1.580	0.5863	22	0.52	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	26.81	0.2580	25.68	1.580	0.5863	22	0.71	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	27.00	0.0000	25.68	1.580	0.5863	22	0.84	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	27.00	0.0000	25.68	1.580	0.5863	22	0.84	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	27.60	0.2000	25.68	1.580	0.5863	22	1.21	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	28.00	0.0000	25.68	1.580	0.5863	22	1.47	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0505	28.98	0.9200	25.68	1.580	0.5863	22	2.09	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	54.61	1.340	25.68	1.580	0.5863	22	18.31	56%	2
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	24.40	0.8000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0939	24.46	0.6500				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	24.50	1.000	25.85	1.668	1.728	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	25.00	2.000	25.85	1.668	1.728	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	25.65	2.810	25.85	1.668	1.728	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	28.25	1.100	25.85	1.668	1.728	4			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	0.1800	0.0000	329.3	48.46	4.873	14	-6.79	50%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	75.80	5.200	329.3	48.46	4.873	14	-5.23	38%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2248	308.9	0.5200	329.3	48.46	4.873	14	-0.42	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	311.0	10.00	329.3	48.46	4.873	14	-0.38	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	311.0	2.000	329.3	48.46	4.873	14	-0.38	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	316.5	5.000	329.3	48.46	4.873	14	-0.26	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	330.9	11.61	329.3	48.46	4.873	14	0.03	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	331.5	10.90	329.3	48.46	4.873	14	0.04	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	334.0	4.000	329.3	48.46	4.873	14	0.10	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	339.0	8.000	329.3	48.46	4.873	14	0.20	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2196	349.7	0.0000	329.3	48.46	4.873	14	0.42	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	362.5	2.990	329.3	48.46	4.873	14	0.68	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2246	400.0	0.0000	329.3	48.46	4.873	14	1.46	11%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	436.0	8.000	329.3	48.46	4.873	14	2.20	16%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2188	214.5	29.60	329.3	48.46	4.873	14	-2.37	17%	1
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0123	285.0	2.000	326.4	22.77	4.214	20	-1.82	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	301.5	1.300	326.4	22.77	4.214	20	-1.10	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	302.5	5.000	326.4	22.77	4.214	20	-1.05	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	306.4	6.301	326.4	22.77	4.214	20	-0.88	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	307.5	11.00	326.4	22.77	4.214	20	-0.83	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	307.7	0.1000	326.4	22.77	4.214	20	-0.82	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	312.0	2.000	326.4	22.77	4.214	20	-0.63	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	319.0	2.000	326.4	22.77	4.214	20	-0.33	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	321.8	5.500	326.4	22.77	4.214	20	-0.20	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	325.0	10.00	326.4	22.77	4.214	20	-0.06	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0354	325.3	3.120	326.4	22.77	4.214	20	-0.05	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	330.0	12.00	326.4	22.77	4.214	20	0.16	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	335.5	0.5000	326.4	22.77	4.214	20	0.40	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	338.6	0.8000	326.4	22.77	4.214	20	0.54	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0066	343.6	3.000	326.4	22.77	4.214	20	0.76	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	344.2	0.7000	326.4	22.77	4.214	20	0.78	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	350.5	5.000	326.4	22.77	4.214	20	1.06	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	352.7	6.940	326.4	22.77	4.214	20	1.16	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	353.7	4.210	326.4	22.77	4.214	20	1.20	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	358.4	2.800	326.4	22.77	4.214	20	1.41	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	354.0	24.00	326.4	22.77	4.214	20	1.21	4%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	167.0	2.000	309.6	42.83	8.981	16	-3.33	23%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	169.0	36.00	309.6	42.83	8.981	16	-3.28	23%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	261.5	15.10	309.6	42.83	8.981	16	-1.12	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	290.0	16.00	309.6	42.83	8.981	16	-0.46	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0685	290.5	9.800	309.6	42.83	8.981	16	-0.44	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	297.5	5.200	309.6	42.83	8.981	16	-0.28	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	305.6	10.98	309.6	42.83	8.981	16	-0.09	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	309.4	8.610	309.6	42.83	8.981	16	0.00	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	318.3	6.134	309.6	42.83	8.981	16	0.20	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	319.5	1.000	309.6	42.83	8.981	16	0.23	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	325.0	5.120	309.6	42.83	8.981	16	0.36	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	327.3	6.300	309.6	42.83	8.981	16	0.41	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	329.5	7.000	309.6	42.83	8.981	16	0.47	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	350.0	4.000	309.6	42.83	8.981	16	0.94	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	365.7	0.4500	309.6	42.83	8.981	16	1.31	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	372.9	10.00	309.6	42.83	8.981	16	1.48	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	340.0	78.00	309.6	42.83	8.981	16	0.71	5%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	290.2	3.800	331.7	21.35	8.560	19	-1.94	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	301.5	3.000	331.7	21.35	8.560	19	-1.42	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	302.5	7.000	331.7	21.35	8.560	19	-1.37	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	313.7	0.7500	331.7	21.35	8.560	19	-0.84	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	319.5	1.990	331.7	21.35	8.560	19	-0.57	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0017	322.1	14.72	331.7	21.35	8.560	19	-0.45	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	330.4	10.01	331.7	21.35	8.560	19	-0.06	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	332.0	10.00	331.7	21.35	8.560	19	0.01	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	332.4	12.30	331.7	21.35	8.560	19	0.03	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	333.5	3.000	331.7	21.35	8.560	19	0.08	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0407	334.4	10.38	331.7	21.35	8.560	19	0.13	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	335.5	1.000	331.7	21.35	8.560	19	0.18	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	336.5	25.00	331.7	21.35	8.560	19	0.22	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	338.1	23.38	331.7	21.35	8.560	19	0.30	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	341.5	3.000	331.7	21.35	8.560	19	0.46	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	345.1	12.31	331.7	21.35	8.560	19	0.63	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	358.0	20.00	331.7	21.35	8.560	19	1.23	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	362.4	0.0000	331.7	21.35	8.560	19	1.44	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	387.5	1.000	331.7	21.35	8.560	19	2.61	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0032	337.0	100.0	331.7	21.35	8.560	19	0.25	1%	1
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	97.66	0.1600				1			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	339.0	4.000				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0939	342.6	3.230				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	327.0	12.00				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	332.5	3.000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	2129	348.5	99.00				3			0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.0740	0.0020	0.2713	0.0118	0.0057	16	-16.77	36%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.2600	0.0000	0.2713	0.0118	0.0057	16	-0.96	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.2600	0.0000	0.2713	0.0118	0.0057	16	-0.96	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.2600	0.0000	0.2713	0.0118	0.0057	16	-0.96	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.2645	0.0022	0.2713	0.0118	0.0057	16	-0.58	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.2649	0.0109	0.2713	0.0118	0.0057	16	-0.55	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.2700	0.0400	0.2713	0.0118	0.0057	16	-0.11	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.2700	0.0000	0.2713	0.0118	0.0057	16	-0.11	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.2705	0.0090	0.2713	0.0118	0.0057	16	-0.07	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.2750	0.0040	0.2713	0.0118	0.0057	16	0.31	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2248	0.2765	0.0150	0.2713	0.0118	0.0057	16	0.44	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.2800	0.0000	0.2713	0.0118	0.0057	16	0.74	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.2800	0.0000	0.2713	0.0118	0.0057	16	0.74	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.2810	0.0040	0.2713	0.0118	0.0057	16	0.82	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.2865	0.0041	0.2713	0.0118	0.0057	16	1.28	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.2900	0.0000	0.2713	0.0118	0.0057	16	1.59	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.3350	0.0900	0.2713	0.0118	0.0057	16	5.41	12%	1
027.32	Magnesium, AAS, Open vessel (%)	0169	0.2650	0.0100				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.33	Magnesium, AAS, Microwave (%)	0948	0.2960	0.0020				1			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.2444	0.0031	0.2677	0.0140	0.0050	23	-1.67	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.2500	0.0000	0.2677	0.0140	0.0050	23	-1.26	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.2550	0.0100	0.2677	0.0140	0.0050	23	-0.91	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.2550	0.0100	0.2677	0.0140	0.0050	23	-0.91	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.2585	0.0010	0.2677	0.0140	0.0050	23	-0.66	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.2600	0.0000	0.2677	0.0140	0.0050	23	-0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.2600	0.0000	0.2677	0.0140	0.0050	23	-0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.2600	0.0000	0.2677	0.0140	0.0050	23	-0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.2600	0.0000	0.2677	0.0140	0.0050	23	-0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0695	0.2640	0.0040	0.2677	0.0140	0.0050	23	-0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.2650	0.0100	0.2677	0.0140	0.0050	23	-0.19	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.2650	0.0100	0.2677	0.0140	0.0050	23	-0.19	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.2650	0.0100	0.2677	0.0140	0.0050	23	-0.19	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.2700	0.0000	0.2677	0.0140	0.0050	23	0.16	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.2700	0.0000	0.2677	0.0140	0.0050	23	0.16	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.2714	0.0032	0.2677	0.0140	0.0050	23	0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.2750	0.0140	0.2677	0.0140	0.0050	23	0.52	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.2765	0.0010	0.2677	0.0140	0.0050	23	0.63	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.2780	0.0000	0.2677	0.0140	0.0050	23	0.74	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.2860	0.0040	0.2677	0.0140	0.0050	23	1.31	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.2910	0.0040	0.2677	0.0140	0.0050	23	1.66	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.2950	0.0100	0.2677	0.0140	0.0050	23	1.95	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.3000	0.0200	0.2677	0.0140	0.0050	23	2.31	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.7921	0.0000	0.2677	0.0140	0.0050	23	37.45	98%	2
027.42	Magnesium, ICP, Open vessel (%)	2129	0.2209	0.0042	0.2670	0.0146	0.0057	20	-3.16	9%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.2360	0.0080	0.2670	0.0146	0.0057	20	-2.12	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.2500	0.0000	0.2670	0.0146	0.0057	20	-1.16	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.2520	0.0000	0.2670	0.0146	0.0057	20	-1.03	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.2600	0.0000	0.2670	0.0146	0.0057	20	-0.48	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.2600	0.0200	0.2670	0.0146	0.0057	20	-0.48	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.2600	0.0000	0.2670	0.0146	0.0057	20	-0.48	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.2635	0.0010	0.2670	0.0146	0.0057	20	-0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.2650	0.0100	0.2670	0.0146	0.0057	20	-0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.2663	0.0077	0.2670	0.0146	0.0057	20	-0.05	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.2700	0.0000	0.2670	0.0146	0.0057	20	0.21	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.2700	0.0200	0.2670	0.0146	0.0057	20	0.21	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.2704	0.0011	0.2670	0.0146	0.0057	20	0.23	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.2722	0.0080	0.2670	0.0146	0.0057	20	0.36	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.2750	0.0100	0.2670	0.0146	0.0057	20	0.55	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.2774	0.0004	0.2670	0.0146	0.0057	20	0.71	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.2800	0.0160	0.2670	0.0146	0.0057	20	0.89	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			
027.42	Magnesium, ICP, Open vessel (%)	0278	0.2800	0.0000	0.2670	0.0146	0.0057	20	0.89	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.2915	0.0050	0.2670	0.0146	0.0057	20	1.68	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.2986	0.0027	0.2670	0.0146	0.0057	20	2.16	6%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.2350	0.0100	0.2694	0.0133	0.0064	25	-2.58	6%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.2445	0.0053	0.2694	0.0133	0.0064	25	-1.87	5%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.2485	0.0010	0.2694	0.0133	0.0064	25	-1.57	4%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.2550	0.0100	0.2694	0.0133	0.0064	25	-1.08	3%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.2600	0.0000	0.2694	0.0133	0.0064	25	-0.71	2%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.2600	0.0000	0.2694	0.0133	0.0064	25	-0.71	2%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.2640	0.0020	0.2694	0.0133	0.0064	25	-0.41	1%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.2650	0.0100	0.2694	0.0133	0.0064	25	-0.33	1%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.2650	0.0100	0.2694	0.0133	0.0064	25	-0.33	1%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.2665	0.0050	0.2694	0.0133	0.0064	25	-0.22	1%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.2700	0.0200	0.2694	0.0133	0.0064	25	0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.2700	0.0000	0.2694	0.0133	0.0064	25	0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.2700	0.0000	0.2694	0.0133	0.0064	25	0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.2700	0.0000	0.2694	0.0133	0.0064	25	0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.2700	0.0000	0.2694	0.0133	0.0064	25	0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.2700	0.0000	0.2694	0.0133	0.0064	25	0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.2715	0.0098	0.2694	0.0133	0.0064	25	0.15	0%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.2720	0.0000	0.2694	0.0133	0.0064	25	0.19	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.2750	0.0100	0.2694	0.0133	0.0064	25	0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.2800	0.0200	0.2694	0.0133	0.0064	25	0.79	2%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.2810	0.0140	0.2694	0.0133	0.0064	25	0.87	2%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.2845	0.0030	0.2694	0.0133	0.0064	25	1.13	3%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.2950	0.0300	0.2694	0.0133	0.0064	25	1.92	5%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.3000	0.0000	0.2694	0.0133	0.0064	25	2.29	6%	0
027.43	Magnesium, ICP, Microwave (%)	2234	0.3200	0.0000	0.2694	0.0133	0.0064	25	3.79	9%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.2210	0.0080				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.2415	0.0176				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.2845	0.0070				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.2900	0.0000				2			0
027.99	Magnesium, Miscellaneous (%)	0889	0.2083	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.2700	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.2900	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0590	0.2650	0.0100				3			1
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	104.0	0.1000	141.8	10.62	2.326	11	-3.57	13%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	132.0	0.0000	141.8	10.62	2.326	11	-0.93	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	133.5	0.7800	141.8	10.62	2.326	11	-0.79	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	137.5	2.800	141.8	10.62	2.326	11	-0.41	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	139.0	4.000	141.8	10.62	2.326	11	-0.27	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2248	141.7	0.2400	141.8	10.62	2.326	11	-0.01	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	
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	145.5	7.000	141.8	10.62	2.326	11	0.34	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2196	147.8	0.0000	141.8	10.62	2.326	11	0.56	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0656	149.6	8.210	141.8	10.62	2.326	11	0.73	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	150.0	0.4100	141.8	10.62	2.326	11	0.76	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	546.2	2.050	141.8	10.62	2.326	11	38.07	143%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2188	75.10	21.40	141.8	10.62	2.326	11	-6.28	24%	1
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	160.0	20.00				1			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	122.3	5.132				1			0
028.34	Manganese, AAS, Dry ash (mg / kg (ppm))	2246	100.0	0.0000				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	94.40	6.400	135.8	18.65	4.154	20	-2.22	15%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0354	107.9	1.050	135.8	18.65	4.154	20	-1.49	10%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	112.0	0.0000	135.8	18.65	4.154	20	-1.27	9%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	123.1	0.9000	135.8	18.65	4.154	20	-0.68	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	124.5	3.000	135.8	18.65	4.154	20	-0.60	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	125.4	0.9600	135.8	18.65	4.154	20	-0.55	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	127.0	12.00	135.8	18.65	4.154	20	-0.47	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	129.5	1.000	135.8	18.65	4.154	20	-0.34	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	129.6	2.255	135.8	18.65	4.154	20	-0.33	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	138.5	15.00	135.8	18.65	4.154	20	0.15	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	138.5	7.000	135.8	18.65	4.154	20	0.15	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	140.4	2.200	135.8	18.65	4.154	20	0.25	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	141.5	7.000	135.8	18.65	4.154	20	0.31	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	141.5	1.000	135.8	18.65	4.154	20	0.31	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	146.0	10.00	135.8	18.65	4.154	20	0.55	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	148.7	0.5000	135.8	18.65	4.154	20	0.69	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	153.1	2.100	135.8	18.65	4.154	20	0.93	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	157.8	0.3200	135.8	18.65	4.154	20	1.18	8%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	160.2	1.510	135.8	18.65	4.154	20	1.31	9%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	162.5	8.880	135.8	18.65	4.154	20	1.44	10%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	399.8	0.0000	135.8	18.65	4.154	20	14.15	97%	2
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	121.0	1.490	144.7	11.18	4.767	18	-2.12	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	121.6	3.309	144.7	11.18	4.767	18	-2.07	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	136.0	6.000	144.7	11.18	4.767	18	-0.78	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	136.8	6.850	144.7	11.18	4.767	18	-0.72	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	137.0	2.000	144.7	11.18	4.767	18	-0.69	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	138.2	6.700	144.7	11.18	4.767	18	-0.59	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	140.8	3.393	144.7	11.18	4.767	18	-0.35	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	142.5	1.000	144.7	11.18	4.767	18	-0.20	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	144.0	4.000	144.7	11.18	4.767	18	-0.07	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	146.3	6.380	144.7	11.18	4.767	18	0.14	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	148.0	4.000	144.7	11.18	4.767	18	0.29	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	149.1	0.6000	144.7	11.18	4.767	18	0.39	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	149.2	11.10	144.7	11.18	4.767	18	0.39	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	151.1	1.470	144.7	11.18	4.767	18	0.57	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	151.5	0.5000	144.7	11.18	4.767	18	0.60	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	156.1	3.200	144.7	11.18	4.767	18	1.01	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	162.5	21.00	144.7	11.18	4.767	18	1.59	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	165.8	2.820	144.7	11.18	4.767	18	1.88	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	159.0	36.00	144.7	11.18	4.767	18	1.28	5%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	124.0	0.0000	145.2	10.88	5.440	24	-1.94	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	132.3	5.400	145.2	10.88	5.440	24	-1.18	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	133.5	3.000	145.2	10.88	5.440	24	-1.07	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	134.5	5.000	145.2	10.88	5.440	24	-0.98	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	137.0	4.000	145.2	10.88	5.440	24	-0.75	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	137.4	5.627	145.2	10.88	5.440	24	-0.71	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0407	138.7	7.598	145.2	10.88	5.440	24	-0.59	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2234	139.4	10.76	145.2	10.88	5.440	24	-0.53	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	142.0	16.00	145.2	10.88	5.440	24	-0.29	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	142.2	0.0000	145.2	10.88	5.440	24	-0.28	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	142.4	2.300	145.2	10.88	5.440	24	-0.26	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	143.5	1.000	145.2	10.88	5.440	24	-0.15	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0505	143.7	5.000	145.2	10.88	5.440	24	-0.13	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	144.2	5.800	145.2	10.88	5.440	24	-0.09	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	145.0	2.000	145.2	10.88	5.440	24	-0.01	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	148.5	3.000	145.2	10.88	5.440	24	0.31	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	150.0	14.00	145.2	10.88	5.440	24	0.45	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	151.0	2.000	145.2	10.88	5.440	24	0.54	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0017	152.0	16.36	145.2	10.88	5.440	24	0.63	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	153.3	2.736	145.2	10.88	5.440	24	0.75	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0032	160.0	4.000	145.2	10.88	5.440	24	1.36	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	164.4	10.57	145.2	10.88	5.440	24	1.76	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0941	168.8	0.0000	145.2	10.88	5.440	24	2.17	8%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	168.9	4.400	145.2	10.88	5.440	24	2.18	8%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0066	137.9	3.630				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	144.1	28.28				1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0939	146.3	0.4200				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	150.5	15.00				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2129	126.7	4.500				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	141.5	1.000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	153.0	0.0000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	160.0	16.00				3			1
031.00	Phosphorus, Vol (%)	0893	0.9650	0.0300				1			0
031.01	Phosphorus, Photometric (%)	0108	0.7800	0.0600	0.9124	0.0412	0.0185	42	-3.21	7%	0
031.01	Phosphorus, Photometric (%)	0689	0.7950	0.0100	0.9124	0.0412	0.0185	42	-2.85	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	2248	0.8360	0.0200	0.9124	0.0412	0.0185	42	-1.85	4%	0
031.01	Phosphorus, Photometric (%)	2181	0.8500	0.0000	0.9124	0.0412	0.0185	42	-1.51	3%	0
031.01	Phosphorus, Photometric (%)	2128	0.8515	0.0550	0.9124	0.0412	0.0185	42	-1.48	3%	0
031.01	Phosphorus, Photometric (%)	0948	0.8575	0.0310	0.9124	0.0412	0.0185	42	-1.33	3%	0
031.01	Phosphorus, Photometric (%)	2018	0.8700	0.0200	0.9124	0.0412	0.0185	42	-1.03	2%	0
031.01	Phosphorus, Photometric (%)	0511	0.8750	0.0500	0.9124	0.0412	0.0185	42	-0.91	2%	0
031.01	Phosphorus, Photometric (%)	0142	0.8755	0.0005	0.9124	0.0412	0.0185	42	-0.90	2%	0
031.01	Phosphorus, Photometric (%)	0175	0.8850	0.0300	0.9124	0.0412	0.0185	42	-0.66	2%	0
031.01	Phosphorus, Photometric (%)	2246	0.8850	0.0100	0.9124	0.0412	0.0185	42	-0.66	2%	0
031.01	Phosphorus, Photometric (%)	2199	0.8900	0.0200	0.9124	0.0412	0.0185	42	-0.54	1%	0
031.01	Phosphorus, Photometric (%)	2009	0.8917	0.0005	0.9124	0.0412	0.0185	42	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.8950	0.0100	0.9124	0.0412	0.0185	42	-0.42	1%	0
031.01	Phosphorus, Photometric (%)	2200	0.8950	0.0300	0.9124	0.0412	0.0185	42	-0.42	1%	0
031.01	Phosphorus, Photometric (%)	0874	0.8995	0.0110	0.9124	0.0412	0.0185	42	-0.31	1%	0
031.01	Phosphorus, Photometric (%)	2192	0.9000	0.0000	0.9124	0.0412	0.0185	42	-0.30	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.9084	0.0450	0.9124	0.0412	0.0185	42	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	2196	0.9100	0.0000	0.9124	0.0412	0.0185	42	-0.06	0%	0
031.01	Phosphorus, Photometric (%)	0884	0.9150	0.0500	0.9124	0.0412	0.0185	42	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0590	0.9200	0.0000	0.9124	0.0412	0.0185	42	0.18	0%	0
031.01	Phosphorus, Photometric (%)	2022	0.9200	0.0000	0.9124	0.0412	0.0185	42	0.18	0%	0
031.01	Phosphorus, Photometric (%)	2193	0.9250	0.0100	0.9124	0.0412	0.0185	42	0.31	1%	0
031.01	Phosphorus, Photometric (%)	0626	0.9265	0.0150	0.9124	0.0412	0.0185	42	0.34	1%	0
031.01	Phosphorus, Photometric (%)	0849	0.9275	0.0050	0.9124	0.0412	0.0185	42	0.37	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.9300	0.0200	0.9124	0.0412	0.0185	42	0.43	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.9300	0.0000	0.9124	0.0412	0.0185	42	0.43	1%	0
031.01	Phosphorus, Photometric (%)	2126	0.9300	0.0000	0.9124	0.0412	0.0185	42	0.43	1%	0
031.01	Phosphorus, Photometric (%)	2190	0.9346	0.0093	0.9124	0.0412	0.0185	42	0.54	1%	0
031.01	Phosphorus, Photometric (%)	0683	0.9350	0.0300	0.9124	0.0412	0.0185	42	0.55	1%	0
031.01	Phosphorus, Photometric (%)	2188	0.9350	0.0100	0.9124	0.0412	0.0185	42	0.55	1%	0
031.01	Phosphorus, Photometric (%)	2062	0.9374	0.0207	0.9124	0.0412	0.0185	42	0.61	1%	0
031.01	Phosphorus, Photometric (%)	0885	0.9414	0.0013	0.9124	0.0412	0.0185	42	0.70	2%	0
031.01	Phosphorus, Photometric (%)	0629	0.9450	0.0100	0.9124	0.0412	0.0185	42	0.79	2%	0
031.01	Phosphorus, Photometric (%)	0868	0.9500	0.0200	0.9124	0.0412	0.0185	42	0.91	2%	0
031.01	Phosphorus, Photometric (%)	0878	0.9500	0.0200	0.9124	0.0412	0.0185	42	0.91	2%	0
031.01	Phosphorus, Photometric (%)	2006	0.9510	0.0000	0.9124	0.0412	0.0185	42	0.94	2%	0
031.01	Phosphorus, Photometric (%)	0881	0.9535	0.0230	0.9124	0.0412	0.0185	42	1.00	2%	0
031.01	Phosphorus, Photometric (%)	2251	0.9600	0.0400	0.9124	0.0412	0.0185	42	1.16	3%	0
031.01	Phosphorus, Photometric (%)	2109	0.9680	0.0380	0.9124	0.0412	0.0185	42	1.35	3%	0
031.01	Phosphorus, Photometric (%)	0656	0.9700	0.0400	0.9124	0.0412	0.0185	42	1.40	3%	0
031.01	Phosphorus, Photometric (%)	2198	0.9850	0.0100	0.9124	0.0412	0.0185	42	1.76	4%	0
031.01	Phosphorus, Photometric (%)	0687	0.8500	0.1000	0.9124	0.0412	0.0185	42	-1.51	3%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.9200	0.0000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.9350	0.0100				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.9200	0.0200				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.9213	0.0014				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.9350	0.0060				3			0
031.06	Phosphorus, Hach Method (%)	0536	0.5750	0.0100				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.7700	0.0200	0.9235	0.0533	0.0169	25	-2.88	8%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.8550	0.0100	0.9235	0.0533	0.0169	25	-1.28	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.8550	0.0100	0.9235	0.0533	0.0169	25	-1.28	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.8650	0.0100	0.9235	0.0533	0.0169	25	-1.10	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.8700	0.0200	0.9235	0.0533	0.0169	25	-1.00	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.8850	0.0100	0.9235	0.0533	0.0169	25	-0.72	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.8900	0.0200	0.9235	0.0533	0.0169	25	-0.63	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.9040	0.0480	0.9235	0.0533	0.0169	25	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.9059	0.0022	0.9235	0.0533	0.0169	25	-0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.9100	0.0000	0.9235	0.0533	0.0169	25	-0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.9100	0.0000	0.9235	0.0533	0.0169	25	-0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.9200	0.0200	0.9235	0.0533	0.0169	25	-0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.9250	0.0100	0.9235	0.0533	0.0169	25	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.9250	0.0100	0.9235	0.0533	0.0169	25	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.9300	0.0400	0.9235	0.0533	0.0169	25	0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.9300	0.0000	0.9235	0.0533	0.0169	25	0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0695	0.9320	0.0160	0.9235	0.0533	0.0169	25	0.16	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.9450	0.0180	0.9235	0.0533	0.0169	25	0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.9615	0.0510	0.9235	0.0533	0.0169	25	0.71	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.9714	0.0190	0.9235	0.0533	0.0169	25	0.90	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.9750	0.0100	0.9235	0.0533	0.0169	25	0.97	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.9900	0.0200	0.9235	0.0533	0.0169	25	1.25	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.9925	0.0190	0.9235	0.0533	0.0169	25	1.29	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.9962	0.0197	0.9235	0.0533	0.0169	25	1.36	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.000	0.0200	0.9235	0.0533	0.0169	25	1.44	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.025	0.1300	0.9235	0.0533	0.0169	25	1.90	5%	1
031.41	Phosphorus, ICP, Dry ash (%)	0011	3.048	0.0000	0.9235	0.0533	0.0169	25	39.84	115%	2
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.8050	0.0320	0.9300	0.0507	0.0400	20	-2.47	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.8450	0.0100	0.9300	0.0507	0.0400	20	-1.68	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.8750	0.0100	0.9300	0.0507	0.0400	20	-1.09	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.8861	0.0719	0.9300	0.0507	0.0400	20	-0.87	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.8950	0.0300	0.9300	0.0507	0.0400	20	-0.69	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.9067	0.0368	0.9300	0.0507	0.0400	20	-0.46	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.9099	0.0046	0.9300	0.0507	0.0400	20	-0.40	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.9160	0.0060	0.9300	0.0507	0.0400	20	-0.28	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.9200	0.0200	0.9300	0.0507	0.0400	20	-0.20	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.9245	0.0410	0.9300	0.0507	0.0400	20	-0.11	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	
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.9300	0.0600	0.9300	0.0507	0.0400	20	0.00	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.9300	0.0000	0.9300	0.0507	0.0400	20	0.00	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.9390	0.0160	0.9300	0.0507	0.0400	20	0.18	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.9580	0.0020	0.9300	0.0507	0.0400	20	0.55	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.9700	0.0800	0.9300	0.0507	0.0400	20	0.79	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.9700	0.1200	0.9300	0.0507	0.0400	20	0.79	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.9825	0.0750	0.9300	0.0507	0.0400	20	1.04	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.9872	0.0019	0.9300	0.0507	0.0400	20	1.13	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2259	0.9950	0.1280	0.9300	0.0507	0.0400	20	1.28	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.9980	0.0540	0.9300	0.0507	0.0400	20	1.34	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.7315	0.3410	0.9300	0.0507	0.0400	20	-3.92	11%	1
031.43	Phosphorus, ICP, Microwave (%)	0043	0.3886	0.0000	0.9467	0.0502	0.0146	25	-11.13	29%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.8800	0.0000	0.9467	0.0502	0.0146	25	-1.33	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.8850	0.0100	0.9467	0.0502	0.0146	25	-1.23	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.8944	0.0166	0.9467	0.0502	0.0146	25	-1.04	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.9050	0.0300	0.9467	0.0502	0.0146	25	-0.83	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.9179	0.0087	0.9467	0.0502	0.0146	25	-0.57	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.9200	0.0000	0.9467	0.0502	0.0146	25	-0.53	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.9250	0.0100	0.9467	0.0502	0.0146	25	-0.43	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.9255	0.0190	0.9467	0.0502	0.0146	25	-0.42	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.9300	0.0160	0.9467	0.0502	0.0146	25	-0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.9300	0.0000	0.9467	0.0502	0.0146	25	-0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.9325	0.0010	0.9467	0.0502	0.0146	25	-0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.9411	0.0166	0.9467	0.0502	0.0146	25	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.9450	0.0300	0.9467	0.0502	0.0146	25	-0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.9520	0.0220	0.9467	0.0502	0.0146	25	0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.9550	0.0100	0.9467	0.0502	0.0146	25	0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.9650	0.0100	0.9467	0.0502	0.0146	25	0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.9750	0.0100	0.9467	0.0502	0.0146	25	0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.9783	0.0082	0.9467	0.0502	0.0146	25	0.63	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.9800	0.0000	0.9467	0.0502	0.0146	25	0.66	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.9900	0.0200	0.9467	0.0502	0.0146	25	0.86	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.005	0.0780	0.9467	0.0502	0.0146	25	1.16	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	1.020	0.0200	0.9467	0.0502	0.0146	25	1.46	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.050	0.0000	0.9467	0.0502	0.0146	25	2.06	5%	0
031.43	Phosphorus, ICP, Microwave (%)	2234	1.275	0.0300	0.9467	0.0502	0.0146	25	6.55	17%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.9325	0.0870	0.9467	0.0502	0.0146	25	-0.28	1%	1
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.9575	0.0290				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.8568	0.0110				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.8550	0.0100				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.9530	0.0600				2			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.9000	0.0000	0.9338	0.0403	0.0225	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			
031.99	Phosphorus, Miscellaneous (%)	0676	0.9100	0.0600	0.9338	0.0403	0.0225	4			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.9350	0.0100	0.9338	0.0403	0.0225	4			0
031.99	Phosphorus, Miscellaneous (%)	0852	0.9900	0.0200	0.9338	0.0403	0.0225	4			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.6690	0.0159	0.9338	0.0403	0.0225	4			2
032.02	Potassium, Flame Emission (%)	2248	2.580	0.0000				1			0
032.31	Potassium, AAS, Dry ash (%)	0868	0.8750	0.0300	0.9642	0.0756	0.0192	14	-1.18	5%	0
032.31	Potassium, AAS, Dry ash (%)	2097	0.8785	0.0330	0.9642	0.0756	0.0192	14	-1.13	4%	0
032.31	Potassium, AAS, Dry ash (%)	2053	0.9000	0.0000	0.9642	0.0756	0.0192	14	-0.85	3%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.9219	0.0177	0.9642	0.0756	0.0192	14	-0.56	2%	0
032.31	Potassium, AAS, Dry ash (%)	0536	0.9300	0.0200	0.9642	0.0756	0.0192	14	-0.45	2%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.9350	0.0100	0.9642	0.0756	0.0192	14	-0.39	2%	0
032.31	Potassium, AAS, Dry ash (%)	0014	0.9375	0.0090	0.9642	0.0756	0.0192	14	-0.35	1%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.9550	0.0300	0.9642	0.0756	0.0192	14	-0.12	0%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.9615	0.0090	0.9642	0.0756	0.0192	14	-0.04	0%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.005	0.0100	0.9642	0.0756	0.0192	14	0.54	2%	0
032.31	Potassium, AAS, Dry ash (%)	0656	1.010	0.0400	0.9642	0.0756	0.0192	14	0.61	2%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.041	0.0197	0.9642	0.0756	0.0192	14	1.02	4%	0
032.31	Potassium, AAS, Dry ash (%)	0683	1.070	0.0400	0.9642	0.0756	0.0192	14	1.40	5%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.150	0.0000	0.9642	0.0756	0.0192	14	2.46	10%	0
032.32	Potassium, AAS, Open vessel (%)	2246	0.8200	0.0000				2			0
032.32	Potassium, AAS, Open vessel (%)	0169	1.030	0.0200				2			0
032.41	Potassium, ICP, Dry ash (%)	0123	0.7950	0.0300	0.9371	0.0587	0.0252	25	-2.42	8%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.8600	0.0600	0.9371	0.0587	0.0252	25	-1.31	4%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.8600	0.0000	0.9371	0.0587	0.0252	25	-1.31	4%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.8750	0.0500	0.9371	0.0587	0.0252	25	-1.06	3%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.8800	0.0200	0.9371	0.0587	0.0252	25	-0.97	3%	0
032.41	Potassium, ICP, Dry ash (%)	0720	0.8950	0.0100	0.9371	0.0587	0.0252	25	-0.72	2%	0
032.41	Potassium, ICP, Dry ash (%)	0354	0.9000	0.0200	0.9371	0.0587	0.0252	25	-0.63	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.9050	0.0100	0.9371	0.0587	0.0252	25	-0.55	2%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.9050	0.0200	0.9371	0.0587	0.0252	25	-0.55	2%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.9100	0.0400	0.9371	0.0587	0.0252	25	-0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.9250	0.0100	0.9371	0.0587	0.0252	25	-0.21	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.9366	0.0129	0.9371	0.0587	0.0252	25	-0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.9400	0.0080	0.9371	0.0587	0.0252	25	0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.9500	0.0200	0.9371	0.0587	0.0252	25	0.22	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.9540	0.0300	0.9371	0.0587	0.0252	25	0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.9630	0.0080	0.9371	0.0587	0.0252	25	0.44	1%	0
032.41	Potassium, ICP, Dry ash (%)	0695	0.9640	0.0240	0.9371	0.0587	0.0252	25	0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.9650	0.0100	0.9371	0.0587	0.0252	25	0.48	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.9750	0.0100	0.9371	0.0587	0.0252	25	0.65	2%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.9750	0.0100	0.9371	0.0587	0.0252	25	0.65	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.9913	0.0083	0.9371	0.0587	0.0252	25	0.92	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	
032.41	Potassium, ICP, Dry ash (%)	0098	1.005	0.0300	0.9371	0.0587	0.0252	25	1.16	4%	0
032.41	Potassium, ICP, Dry ash (%)	0878	1.005	0.0100	0.9371	0.0587	0.0252	25	1.16	4%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.020	0.0400	0.9371	0.0587	0.0252	25	1.41	4%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.020	0.1400	0.9371	0.0587	0.0252	25	1.41	4%	0
032.41	Potassium, ICP, Dry ash (%)	0011	14,023	28,041	0.9371	0.0587	0.0252	25	239004.58	748171%	2
032.42	Potassium, ICP, Open vessel (%)	0685	0.5600	0.0400	0.9618	0.0731	0.0237	20	-5.50	21%	0
032.42	Potassium, ICP, Open vessel (%)	0026	0.8520	0.0100	0.9618	0.0731	0.0237	20	-1.50	6%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.8528	0.0334	0.9618	0.0731	0.0237	20	-1.49	6%	0
032.42	Potassium, ICP, Open vessel (%)	0047	0.9000	0.0600	0.9618	0.0731	0.0237	20	-0.85	3%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.9050	0.0320	0.9618	0.0731	0.0237	20	-0.78	3%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.9450	0.0100	0.9618	0.0731	0.0237	20	-0.23	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.9500	0.0200	0.9618	0.0731	0.0237	20	-0.16	1%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.9500	0.0000	0.9618	0.0731	0.0237	20	-0.16	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.9600	0.0200	0.9618	0.0731	0.0237	20	-0.02	0%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.9646	0.0004	0.9618	0.0731	0.0237	20	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.9695	0.0250	0.9618	0.0731	0.0237	20	0.11	0%	0
032.42	Potassium, ICP, Open vessel (%)	0560	0.9734	0.0079	0.9618	0.0731	0.0237	20	0.16	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.9895	0.0410	0.9618	0.0731	0.0237	20	0.38	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.9913	0.0162	0.9618	0.0731	0.0237	20	0.40	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.9982	0.0377	0.9618	0.0731	0.0237	20	0.50	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.000	0.0200	0.9618	0.0731	0.0237	20	0.52	2%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.020	0.0000	0.9618	0.0731	0.0237	20	0.80	3%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.020	0.0000	0.9618	0.0731	0.0237	20	0.80	3%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.115	0.0300	0.9618	0.0731	0.0237	20	2.10	8%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.135	0.0700	0.9618	0.0731	0.0237	20	2.37	9%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.8901	0.0147	0.9834	0.0389	0.0172	25	-2.40	5%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.9100	0.0000	0.9834	0.0389	0.0172	25	-1.89	4%	0
032.43	Potassium, ICP, Microwave (%)	0032	0.9300	0.0600	0.9834	0.0389	0.0172	25	-1.38	3%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.9350	0.0100	0.9834	0.0389	0.0172	25	-1.25	2%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.9500	0.0200	0.9834	0.0389	0.0172	25	-0.86	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.9550	0.0100	0.9834	0.0389	0.0172	25	-0.73	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	0.9650	0.0100	0.9834	0.0389	0.0172	25	-0.47	1%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.9700	0.0200	0.9834	0.0389	0.0172	25	-0.35	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.9710	0.0100	0.9834	0.0389	0.0172	25	-0.32	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.9790	0.0020	0.9834	0.0389	0.0172	25	-0.11	0%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.9800	0.0000	0.9834	0.0389	0.0172	25	-0.09	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.9800	0.0000	0.9834	0.0389	0.0172	25	-0.09	0%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.9873	0.0111	0.9834	0.0389	0.0172	25	0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0027	0.9880	0.0760	0.9834	0.0389	0.0172	25	0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.9900	0.0200	0.9834	0.0389	0.0172	25	0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.9995	0.0170	0.9834	0.0389	0.0172	25	0.41	1%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.000	0.0200	0.9834	0.0389	0.0172	25	0.43	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0675	1.000	0.0000	0.9834	0.0389	0.0172	25	0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.001	0.0115	0.9834	0.0389	0.0172	25	0.44	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.005	0.0300	0.9834	0.0389	0.0172	25	0.56	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.010	0.0000	0.9834	0.0389	0.0172	25	0.68	1%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.015	0.0100	0.9834	0.0389	0.0172	25	0.81	2%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.063	0.0740	0.9834	0.0389	0.0172	25	2.05	4%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.137	0.0030	0.9834	0.0389	0.0172	25	3.94	8%	0
032.43	Potassium, ICP, Microwave (%)	2234	1.230	0.0000	0.9834	0.0389	0.0172	25	6.35	13%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.000	0.1600	0.9834	0.0389	0.0172	25	0.43	1%	1
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.7221	0.0542				1			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.9400	0.0000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.9950	0.0100				2			0
032.99	Potassium, Miscellaneous (%)	0590	0.9400	0.0800	0.9620	0.0155	0.0310	4			0
032.99	Potassium, Miscellaneous (%)	0001	0.9630	0.0140	0.9620	0.0155	0.0310	4			0
032.99	Potassium, Miscellaneous (%)	0100	0.9700	0.0000	0.9620	0.0155	0.0310	4			0
032.99	Potassium, Miscellaneous (%)	0242	0.9750	0.0300	0.9620	0.0155	0.0310	4			0
032.99	Potassium, Miscellaneous (%)	0889	0.0410	0.0158	0.9620	0.0155	0.0310	4			2
033.00	Salt as chloride, Sol Cl (%)	0675	0.3500	0.0600	0.4649	0.0452	0.0213	24	-2.54	12%	0
033.00	Salt as chloride, Sol Cl (%)	0171	0.3600	0.0200	0.4649	0.0452	0.0213	24	-2.32	11%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.3800	0.0200	0.4649	0.0452	0.0213	24	-1.88	9%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.4350	0.0100	0.4649	0.0452	0.0213	24	-0.66	3%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.4359	0.0034	0.4649	0.0452	0.0213	24	-0.64	3%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.4437	0.0107	0.4649	0.0452	0.0213	24	-0.47	2%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.4440	0.0300	0.4649	0.0452	0.0213	24	-0.46	2%	0
033.00	Salt as chloride, Sol Cl (%)	0504	0.4450	0.0100	0.4649	0.0452	0.0213	24	-0.44	2%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.4500	0.0000	0.4649	0.0452	0.0213	24	-0.33	2%	0
033.00	Salt as chloride, Sol Cl (%)	0878	0.4550	0.0300	0.4649	0.0452	0.0213	24	-0.22	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.4550	0.0300	0.4649	0.0452	0.0213	24	-0.22	1%	0
033.00	Salt as chloride, Sol Cl (%)	2193	0.4600	0.0200	0.4649	0.0452	0.0213	24	-0.11	1%	0
033.00	Salt as chloride, Sol Cl (%)	0123	0.4650	0.0100	0.4649	0.0452	0.0213	24	0.00	0%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.4650	0.0100	0.4649	0.0452	0.0213	24	0.00	0%	0
033.00	Salt as chloride, Sol Cl (%)	0893	0.4650	0.0300	0.4649	0.0452	0.0213	24	0.00	0%	0
033.00	Salt as chloride, Sol Cl (%)	2076	0.4650	0.0300	0.4649	0.0452	0.0213	24	0.00	0%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.4799	0.0150	0.4649	0.0452	0.0213	24	0.33	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.4950	0.0100	0.4649	0.0452	0.0213	24	0.67	3%	0
033.00	Salt as chloride, Sol Cl (%)	2062	0.4951	0.0050	0.4649	0.0452	0.0213	24	0.67	3%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.5050	0.0300	0.4649	0.0452	0.0213	24	0.89	4%	0
033.00	Salt as chloride, Sol Cl (%)	0881	0.5120	0.0180	0.4649	0.0452	0.0213	24	1.04	5%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.5300	0.0400	0.4649	0.0452	0.0213	24	1.44	7%	0
033.00	Salt as chloride, Sol Cl (%)	0169	0.5350	0.0100	0.4649	0.0452	0.0213	24	1.55	8%	0
033.00	Salt as chloride, Sol Cl (%)	2190	0.5539	0.0600	0.4649	0.0452	0.0213	24	1.97	10%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.2955	0.3190	0.4649	0.0452	0.0213	24	-3.75	18%	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	
033.01	Salt as chloride, Poten Cl (%)	0619	0.3905	0.0270	0.5115	0.0230	0.0060	30	-5.27	12%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.4700	0.0000	0.5115	0.0230	0.0060	30	-1.81	4%	0
033.01	Salt as chloride, Poten Cl (%)	0650	0.4700	0.0000	0.5115	0.0230	0.0060	30	-1.81	4%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.4950	0.0100	0.5115	0.0230	0.0060	30	-0.72	2%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.4950	0.0100	0.5115	0.0230	0.0060	30	-0.72	2%	0
033.01	Salt as chloride, Poten Cl (%)	0683	0.4950	0.0100	0.5115	0.0230	0.0060	30	-0.72	2%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.4950	0.0100	0.5115	0.0230	0.0060	30	-0.72	2%	0
033.01	Salt as chloride, Poten Cl (%)	0003	0.5000	0.0000	0.5115	0.0230	0.0060	30	-0.50	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.5000	0.0000	0.5115	0.0230	0.0060	30	-0.50	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.5000	0.0000	0.5115	0.0230	0.0060	30	-0.50	1%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.5025	0.0010	0.5115	0.0230	0.0060	30	-0.39	1%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.5050	0.0100	0.5115	0.0230	0.0060	30	-0.28	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.5050	0.0100	0.5115	0.0230	0.0060	30	-0.28	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.5050	0.0100	0.5115	0.0230	0.0060	30	-0.28	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.5100	0.0000	0.5115	0.0230	0.0060	30	-0.07	0%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.5100	0.0000	0.5115	0.0230	0.0060	30	-0.07	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.5110	0.0000	0.5115	0.0230	0.0060	30	-0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.5110	0.0000	0.5115	0.0230	0.0060	30	-0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.5150	0.0300	0.5115	0.0230	0.0060	30	0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.5160	0.0000	0.5115	0.0230	0.0060	30	0.19	0%	0
033.01	Salt as chloride, Poten Cl (%)	0964	0.5170	0.0020	0.5115	0.0230	0.0060	30	0.24	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.5185	0.0010	0.5115	0.0230	0.0060	30	0.30	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.5200	0.0000	0.5115	0.0230	0.0060	30	0.37	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.5300	0.0000	0.5115	0.0230	0.0060	30	0.80	2%	0
033.01	Salt as chloride, Poten Cl (%)	0629	0.5350	0.0100	0.5115	0.0230	0.0060	30	1.02	2%	0
033.01	Salt as chloride, Poten Cl (%)	0868	0.5400	0.0000	0.5115	0.0230	0.0060	30	1.24	3%	0
033.01	Salt as chloride, Poten Cl (%)	0644	0.5460	0.0000	0.5115	0.0230	0.0060	30	1.50	3%	0
033.01	Salt as chloride, Poten Cl (%)	2268	0.5550	0.0300	0.5115	0.0230	0.0060	30	1.89	4%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.5550	0.0100	0.5115	0.0230	0.0060	30	1.89	4%	0
033.01	Salt as chloride, Poten Cl (%)	0874	0.5770	0.0000	0.5115	0.0230	0.0060	30	2.85	6%	0
033.01	Salt as chloride, Poten Cl (%)	0175	0.5150	0.0500	0.5115	0.0230	0.0060	30	0.15	0%	1
033.03	Salt as chloride, Quantab (%)	0505	0.4000	0.0400	0.4692	0.0579	0.0217	6	-1.20	7%	0
033.03	Salt as chloride, Quantab (%)	0656	0.4100	0.0000	0.4692	0.0579	0.0217	6	-1.02	6%	0
033.03	Salt as chloride, Quantab (%)	0265	0.4850	0.0100	0.4692	0.0579	0.0217	6	0.27	2%	0
033.03	Salt as chloride, Quantab (%)	0190	0.5000	0.0400	0.4692	0.0579	0.0217	6	0.53	3%	0
033.03	Salt as chloride, Quantab (%)	0726	0.5000	0.0000	0.4692	0.0579	0.0217	6	0.53	3%	0
033.03	Salt as chloride, Quantab (%)	0144	0.5200	0.0400	0.4692	0.0579	0.0217	6	0.88	5%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	2129	0.3075	0.0050				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.4950	0.0100				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	0.7750	0.1100				3			0
033.99	Salt, Miscellaneous (%)	2073	0.3300	0.0000	0.5135	0.1067	0.0374	9	-1.72	18%	0
033.99	Salt, Miscellaneous (%)	2181	0.4250	0.0500	0.5135	0.1067	0.0374	9	-0.83	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.99	Salt, Miscellaneous (%)	0682	0.4800	0.0000	0.5135	0.1067	0.0374	9	-0.31	3%	0
033.99	Salt, Miscellaneous (%)	0910	0.4900	0.0600	0.5135	0.1067	0.0374	9	-0.22	2%	0
033.99	Salt, Miscellaneous (%)	0032	0.5050	0.0500	0.5135	0.1067	0.0374	9	-0.08	1%	0
033.99	Salt, Miscellaneous (%)	0017	0.5285	0.0090	0.5135	0.1067	0.0374	9	0.14	1%	0
033.99	Salt, Miscellaneous (%)	0027	0.5710	0.0580	0.5135	0.1067	0.0374	9	0.54	6%	0
033.99	Salt, Miscellaneous (%)	0358	0.5950	0.0700	0.5135	0.1067	0.0374	9	0.76	8%	0
033.99	Salt, Miscellaneous (%)	0536	1.110	0.0400	0.5135	0.1067	0.0374	9	5.59	58%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	0.8115	0.0070				1			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.6685	0.0510				3			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	0.6775	0.0050				3			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.8150	0.0300				3			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.6350	0.0140				2			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0407	1.688	0.0150				2			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0148	0.7400	0.0800				2			1
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0011	8.339	0.0000				2			2
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	0.8500	0.3000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0968	0.7015	0.0270				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0941	0.7890	0.0020				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0407	2.043	0.3650				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.5655	0.0870				2			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.6500	0.0600				2			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2234	0.1850	0.0100	0.7776	0.0919	0.0112	6	-6.45	38%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0164	0.7370	0.0120	0.7776	0.0919	0.0112	6	-0.44	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0560	0.7895	0.0010	0.7776	0.0919	0.0112	6	0.13	1%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.7900	0.0020	0.7776	0.0919	0.0112	6	0.13	1%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.8546	0.0119	0.7776	0.0919	0.0112	6	0.84	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0032	0.8550	0.0300	0.7776	0.0919	0.0112	6	0.84	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0939	0.9550	0.1900	0.7776	0.0919	0.0112	6	1.93	11%	1
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	1.855	0.0100				1			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.1770	0.0020				2			0
035.01	Sodium, Ion-selective electrode (%)	0689	0.2800	0.0000				2			0
035.05	Sodium, Flame Emission (%)	2248	0.1600	0.0000	0.2149	0.0390	0.0043	4			0
035.05	Sodium, Flame Emission (%)	0037	0.2145	0.0070	0.2149	0.0390	0.0043	4			0
035.05	Sodium, Flame Emission (%)	0108	0.2400	0.0000	0.2149	0.0390	0.0043	4			0
035.05	Sodium, Flame Emission (%)	2251	0.2450	0.0100	0.2149	0.0390	0.0043	4			0
035.31	Sodium, AAS, Dry ash (%)	0536	0.1815	0.0010	0.2275	0.0242	0.0066	15	-1.90	10%	0
035.31	Sodium, AAS, Dry ash (%)	2246	0.2000	0.0000	0.2275	0.0242	0.0066	15	-1.14	6%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.2050	0.0100	0.2275	0.0242	0.0066	15	-0.93	5%	0
035.31	Sodium, AAS, Dry ash (%)	2097	0.2130	0.0120	0.2275	0.0242	0.0066	15	-0.60	3%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.2150	0.0020	0.2275	0.0242	0.0066	15	-0.52	3%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.2171	0.0024	0.2275	0.0242	0.0066	15	-0.43	2%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.2200	0.0000	0.2275	0.0242	0.0066	15	-0.31	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.31	Sodium, AAS, Dry ash (%)	0868	0.2300	0.0200	0.2275	0.0242	0.0066	15	0.10	1%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.2350	0.0100	0.2275	0.0242	0.0066	15	0.31	2%	0
035.31	Sodium, AAS, Dry ash (%)	2126	0.2350	0.0100	0.2275	0.0242	0.0066	15	0.31	2%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.2400	0.0000	0.2275	0.0242	0.0066	15	0.52	3%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.2400	0.0000	0.2275	0.0242	0.0066	15	0.52	3%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.2455	0.0150	0.2275	0.0242	0.0066	15	0.74	4%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.2620	0.0060	0.2275	0.0242	0.0066	15	1.43	8%	0
035.31	Sodium, AAS, Dry ash (%)	2018	0.2650	0.0100	0.2275	0.0242	0.0066	15	1.55	8%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.2150	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	0019	0.1900	0.0000	0.2131	0.0136	0.0100	22	-1.70	5%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.1900	0.0200	0.2131	0.0136	0.0100	22	-1.70	5%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.2000	0.0200	0.2131	0.0136	0.0100	22	-0.97	3%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.2000	0.0200	0.2131	0.0136	0.0100	22	-0.97	3%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.2040	0.0100	0.2131	0.0136	0.0100	22	-0.67	2%	0
035.41	Sodium, ICP, Dry ash (%)	0511	0.2050	0.0100	0.2131	0.0136	0.0100	22	-0.60	2%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.2090	0.0040	0.2131	0.0136	0.0100	22	-0.30	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.2096	0.0047	0.2131	0.0136	0.0100	22	-0.26	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.2100	0.0000	0.2131	0.0136	0.0100	22	-0.23	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.2100	0.0000	0.2131	0.0136	0.0100	22	-0.23	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.2100	0.0000	0.2131	0.0136	0.0100	22	-0.23	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.2150	0.0100	0.2131	0.0136	0.0100	22	0.14	0%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.2150	0.0100	0.2131	0.0136	0.0100	22	0.14	0%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.2150	0.0100	0.2131	0.0136	0.0100	22	0.14	0%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.2150	0.0100	0.2131	0.0136	0.0100	22	0.14	0%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.2180	0.0044	0.2131	0.0136	0.0100	22	0.36	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.2185	0.0046	0.2131	0.0136	0.0100	22	0.39	1%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.2190	0.0200	0.2131	0.0136	0.0100	22	0.43	1%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.2300	0.0000	0.2131	0.0136	0.0100	22	1.24	4%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.2350	0.0120	0.2131	0.0136	0.0100	22	1.61	5%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.2350	0.0300	0.2131	0.0136	0.0100	22	1.61	5%	0
035.41	Sodium, ICP, Dry ash (%)	0695	0.2875	0.0210	0.2131	0.0136	0.0100	22	5.47	17%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.1900	0.0200	0.2155	0.0178	0.0083	15	-1.44	6%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.1900	0.0000	0.2155	0.0178	0.0083	15	-1.44	6%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.1970	0.0240	0.2155	0.0178	0.0083	15	-1.04	4%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.2050	0.0100	0.2155	0.0178	0.0083	15	-0.59	2%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.2094	0.0002	0.2155	0.0178	0.0083	15	-0.34	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.2130	0.0000	0.2155	0.0178	0.0083	15	-0.14	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.2150	0.0100	0.2155	0.0178	0.0083	15	-0.03	0%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.2155	0.0050	0.2155	0.0178	0.0083	15	0.00	0%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.2168	0.0009	0.2155	0.0178	0.0083	15	0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.2173	0.0042	0.2155	0.0178	0.0083	15	0.10	0%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.2250	0.0300	0.2155	0.0178	0.0083	15	0.54	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.42	Sodium, ICP, Open vessel (%)	0278	0.2300	0.0000	0.2155	0.0178	0.0083	15	0.82	3%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.2328	0.0006	0.2155	0.0178	0.0083	15	0.97	4%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.2335	0.0190	0.2155	0.0178	0.0083	15	1.01	4%	0
035.42	Sodium, ICP, Open vessel (%)	0685	0.2900	0.0000	0.2155	0.0178	0.0083	15	4.19	17%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.2650	0.0700	0.2155	0.0178	0.0083	15	2.79	11%	1
035.43	Sodium, ICP, Microwave (%)	0510	0.1800	0.0020	0.2143	0.0122	0.0045	21	-2.81	8%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.1950	0.0100	0.2143	0.0122	0.0045	21	-1.58	4%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.2000	0.0000	0.2143	0.0122	0.0045	21	-1.17	3%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.2000	0.0000	0.2143	0.0122	0.0045	21	-1.17	3%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.2075	0.0050	0.2143	0.0122	0.0045	21	-0.55	2%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.2080	0.0040	0.2143	0.0122	0.0045	21	-0.51	1%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.2100	0.0000	0.2143	0.0122	0.0045	21	-0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.2100	0.0000	0.2143	0.0122	0.0045	21	-0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.2100	0.0000	0.2143	0.0122	0.0045	21	-0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.2150	0.0100	0.2143	0.0122	0.0045	21	0.06	0%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.2155	0.0030	0.2143	0.0122	0.0045	21	0.10	0%	0
035.43	Sodium, ICP, Microwave (%)	0881	0.2165	0.0010	0.2143	0.0122	0.0045	21	0.18	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.2173	0.0056	0.2143	0.0122	0.0045	21	0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.2200	0.0000	0.2143	0.0122	0.0045	21	0.47	1%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.2200	0.0040	0.2143	0.0122	0.0045	21	0.47	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.2200	0.0000	0.2143	0.0122	0.0045	21	0.47	1%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.2200	0.0200	0.2143	0.0122	0.0045	21	0.47	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.2250	0.0100	0.2143	0.0122	0.0045	21	0.88	3%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.2300	0.0200	0.2143	0.0122	0.0045	21	1.29	4%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.2300	0.0000	0.2143	0.0122	0.0045	21	1.29	4%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.2400	0.0000	0.2143	0.0122	0.0045	21	2.11	6%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.1933	0.0008				1			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.2100	0.0000				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.2265	0.0410				2			0
035.99	Sodium, Miscellaneous (%)	2129	0.1830	0.0020	0.2058	0.0174	0.0055	4			0
035.99	Sodium, Miscellaneous (%)	0242	0.2050	0.0100	0.2058	0.0174	0.0055	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.2100	0.0000	0.2058	0.0174	0.0055	4			0
035.99	Sodium, Miscellaneous (%)	0590	0.2250	0.0100	0.2058	0.0174	0.0055	4			0
035.99	Sodium, Miscellaneous (%)	0889	0.4256	0.0452	0.2058	0.0174	0.0055	4			2
036.04	Sulfur, LECO (%)	0226	0.2150	0.0100	0.2375	0.0210	0.0050	4			0
036.04	Sulfur, LECO (%)	0229	0.2250	0.0100	0.2375	0.0210	0.0050	4			0
036.04	Sulfur, LECO (%)	2053	0.2500	0.0000	0.2375	0.0210	0.0050	4			0
036.04	Sulfur, LECO (%)	0148	0.2600	0.0000	0.2375	0.0210	0.0050	4			0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.1305	0.0130	0.2509	0.0301	0.0073	19	-3.99	24%	0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.2100	0.0000	0.2509	0.0301	0.0073	19	-1.36	8%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.2215	0.0010	0.2509	0.0301	0.0073	19	-0.98	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.2250	0.0100	0.2509	0.0301	0.0073	19	-0.86	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2326	0.0012	0.2509	0.0301	0.0073	19	-0.61	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.2350	0.0100	0.2509	0.0301	0.0073	19	-0.53	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.2350	0.0100	0.2509	0.0301	0.0073	19	-0.53	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.2452	0.0003	0.2509	0.0301	0.0073	19	-0.19	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.2480	0.0020	0.2509	0.0301	0.0073	19	-0.10	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.2500	0.0000	0.2509	0.0301	0.0073	19	-0.03	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.2510	0.0140	0.2509	0.0301	0.0073	19	0.00	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.2577	0.0011	0.2509	0.0301	0.0073	19	0.22	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.2634	0.0001	0.2509	0.0301	0.0073	19	0.41	2%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.2638	0.0273	0.2509	0.0301	0.0073	19	0.43	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.2700	0.0020	0.2509	0.0301	0.0073	19	0.63	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.2800	0.0200	0.2509	0.0301	0.0073	19	0.96	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.2829	0.0061	0.2509	0.0301	0.0073	19	1.06	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.2950	0.0100	0.2509	0.0301	0.0073	19	1.46	9%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3450	0.0100	0.2509	0.0301	0.0073	19	3.12	19%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.2600	0.0400	0.2509	0.0301	0.0073	19	0.30	2%	1
036.43	Sulfur, ICP, Microwave (%)	0035	0.2300	0.0400	0.2611	0.0249	0.0121	15	-1.25	6%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.2350	0.0100	0.2611	0.0249	0.0121	15	-1.05	5%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.2400	0.0000	0.2611	0.0249	0.0121	15	-0.85	4%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.2450	0.0100	0.2611	0.0249	0.0121	15	-0.64	3%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.2500	0.0200	0.2611	0.0249	0.0121	15	-0.44	2%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.2542	0.0037	0.2611	0.0249	0.0121	15	-0.28	1%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.2550	0.0100	0.2611	0.0249	0.0121	15	-0.24	1%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.2570	0.0040	0.2611	0.0249	0.0121	15	-0.16	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.2590	0.0091	0.2611	0.0249	0.0121	15	-0.08	0%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.2595	0.0030	0.2611	0.0249	0.0121	15	-0.06	0%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.2600	0.0000	0.2611	0.0249	0.0121	15	-0.04	0%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.2845	0.0010	0.2611	0.0249	0.0121	15	0.94	4%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.2900	0.0200	0.2611	0.0249	0.0121	15	1.16	6%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.3350	0.0100	0.2611	0.0249	0.0121	15	2.97	14%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.5565	0.0410	0.2611	0.0249	0.0121	15	11.86	57%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.2415	0.0008				1			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.2640	0.0120				1			0
036.99	Sulfur, Miscellaneous (%)	0889	0.2520	0.0005				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.2800	0.0000				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2188	130.2	18.10	148.5	13.40	4.807	13	-1.37	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2248	131.1	0.0800	148.5	13.40	4.807	13	-1.30	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	133.6	0.7000	148.5	13.40	4.807	13	-1.12	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	141.7	12.60	148.5	13.40	4.807	13	-0.51	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	142.5	3.000	148.5	13.40	4.807	13	-0.45	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	150.0	4.000	148.5	13.40	4.807	13	0.11	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	152.0	0.0000	148.5	13.40	4.807	13	0.26	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	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0656	153.2	11.61	148.5	13.40	4.807	13	0.35	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2196	153.5	0.0000	148.5	13.40	4.807	13	0.37	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	154.9	6.000	148.5	13.40	4.807	13	0.48	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	158.0	1.000	148.5	13.40	4.807	13	0.71	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	164.5	1.000	148.5	13.40	4.807	13	1.19	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	165.3	4.400	148.5	13.40	4.807	13	1.25	6%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	158.0	2.000				1			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	2246	150.0	100.0				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	171.9	3.089				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	2178	2,985	4.000				3			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	125.0	0.5700	149.2	13.36	3.457	20	-1.82	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	130.0	2.000	149.2	13.36	3.457	20	-1.44	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	134.5	5.000	149.2	13.36	3.457	20	-1.10	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	137.0	0.0000	149.2	13.36	3.457	20	-0.92	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	142.0	6.000	149.2	13.36	3.457	20	-0.54	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	143.7	0.3000	149.2	13.36	3.457	20	-0.42	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	144.0	0.0000	149.2	13.36	3.457	20	-0.39	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0354	144.1	0.5700	149.2	13.36	3.457	20	-0.39	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	147.7	5.930	149.2	13.36	3.457	20	-0.12	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	148.0	10.00	149.2	13.36	3.457	20	-0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	148.3	2.500	149.2	13.36	3.457	20	-0.07	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	149.5	3.000	149.2	13.36	3.457	20	0.02	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	151.9	0.2800	149.2	13.36	3.457	20	0.20	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	155.4	16.65	149.2	13.36	3.457	20	0.46	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	156.6	0.2000	149.2	13.36	3.457	20	0.55	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	159.5	2.380	149.2	13.36	3.457	20	0.77	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	161.5	3.000	149.2	13.36	3.457	20	0.92	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	163.8	2.970	149.2	13.36	3.457	20	1.09	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	169.0	4.000	149.2	13.36	3.457	20	1.48	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	176.7	3.800	149.2	13.36	3.457	20	2.06	9%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	196.0	66.00	149.2	13.36	3.457	20	3.50	16%	1
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	486.5	0.0000	149.2	13.36	3.457	20	25.24	113%	2
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0685	123.4	2.050	150.9	12.22	4.322	19	-2.25	9%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	134.6	8.750	150.9	12.22	4.322	19	-1.33	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	136.0	2.000	150.9	12.22	4.322	19	-1.22	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	140.5	1.000	150.9	12.22	4.322	19	-0.85	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	141.5	5.295	150.9	12.22	4.322	19	-0.77	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	145.9	5.200	150.9	12.22	4.322	19	-0.41	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	146.5	7.000	150.9	12.22	4.322	19	-0.36	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	147.4	0.7330	150.9	12.22	4.322	19	-0.29	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	149.5	13.00	150.9	12.22	4.322	19	-0.12	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	151.5	17.00	150.9	12.22	4.322	19	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	
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	153.8	1.120	150.9	12.22	4.322	19	0.23	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	154.3	0.2000	150.9	12.22	4.322	19	0.28	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	156.2	0.9000	150.9	12.22	4.322	19	0.43	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	157.7	3.100	150.9	12.22	4.322	19	0.55	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	159.9	0.0610	150.9	12.22	4.322	19	0.74	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	160.0	9.300	150.9	12.22	4.322	19	0.74	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	165.3	3.100	150.9	12.22	4.322	19	1.17	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	165.5	1.000	150.9	12.22	4.322	19	1.19	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	180.7	1.300	150.9	12.22	4.322	19	2.43	10%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	133.9	1.400	149.9	10.74	3.303	23	-1.49	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	135.0	5.223	149.9	10.74	3.303	23	-1.39	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	135.5	7.000	149.9	10.74	3.303	23	-1.34	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2234	139.5	4.280	149.9	10.74	3.303	23	-0.97	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0941	140.0	0.0000	149.9	10.74	3.303	23	-0.93	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0505	143.8	5.100	149.9	10.74	3.303	23	-0.58	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	144.0	0.0000	149.9	10.74	3.303	23	-0.55	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	145.2	0.1800	149.9	10.74	3.303	23	-0.44	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	146.9	3.070	149.9	10.74	3.303	23	-0.29	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	147.5	1.000	149.9	10.74	3.303	23	-0.23	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	149.1	2.910	149.9	10.74	3.303	23	-0.08	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	151.0	0.0000	149.9	10.74	3.303	23	0.10	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	151.1	7.144	149.9	10.74	3.303	23	0.11	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	153.0	2.000	149.9	10.74	3.303	23	0.29	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	154.5	5.000	149.9	10.74	3.303	23	0.43	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	154.7	9.840	149.9	10.74	3.303	23	0.44	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	155.1	0.0000	149.9	10.74	3.303	23	0.48	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	156.5	1.000	149.9	10.74	3.303	23	0.61	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	156.5	1.000	149.9	10.74	3.303	23	0.61	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0407	161.3	3.528	149.9	10.74	3.303	23	1.06	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	164.0	5.300	149.9	10.74	3.303	23	1.31	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0032	164.5	9.000	149.9	10.74	3.303	23	1.36	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	170.0	2.000	149.9	10.74	3.303	23	1.87	7%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0066	127.1	0.9500				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	129.3	15.22				1			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0939	148.5	0.9100				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	179.0	4.000				2			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	111.8	3.622	144.9	25.29	5.404	5			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	132.3	4.400	144.9	25.29	5.404	5			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	141.5	5.000	144.9	25.29	5.404	5			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	163.0	4.000	144.9	25.29	5.404	5			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	176.0	10.00	144.9	25.29	5.404	5			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	1.080	0.0220				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			
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0407	1.210	0.0370				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	1.230	0.1200				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.178	0.0850				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.290	0.1400				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0265	1.415	1.110				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	4.300	2.460				3			2
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	0.8300	0.1400	1.140	0.2268	0.1306	8	-1.37	14%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	0.8664	0.2021	1.140	0.2268	0.1306	8	-1.21	12%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	1.125	0.0300	1.140	0.2268	0.1306	8	-0.07	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	1.150	0.1000	1.140	0.2268	0.1306	8	0.04	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.200	0.0000	1.140	0.2268	0.1306	8	0.26	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	1.248	0.3850	1.140	0.2268	0.1306	8	0.47	5%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0407	1.301	0.1877	1.140	0.2268	0.1306	8	0.71	7%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0083	1.400	0.0000	1.140	0.2268	0.1306	8	1.15	11%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.9100	0.2000				1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0164	1.280	0.1200				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	1.297	0.0084				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.400	0.0400				3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	12.55	0.0900				1			0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0032	19.20	2.000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	11.79	0.3820				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.9110	0.0940				1			0
042.00	Chloride, Titrimetric (%)	0948	0.3010	0.0060				1			0
042.99	Chloride, Miscellaneous (%)	0297	0.3050	0.0300				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	136.0	0.0000				1			0
102.02	Niacin, LC (mg / kg (ppm))	0939	83.85	2.300				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	20.45	1.100				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0939	22.45	1.900				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	19.20	1.600				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	23.45	0.3000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	13.99	0.8100				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0939	20.98	0.3500				2			0
105.00	Thiamine, LC (mg / kg (ppm))	0939	4.480	0.7400				2			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	5.310	0.2400				2			0
106.01	Vitamin A, UV (KU / kg)	0098	20.55	1.900				1			0
106.02	Vitamin A, LC (KU / kg)	0169	3.000	0.0000	14.02	3.231	1.314	16	-3.41	39%	0
106.02	Vitamin A, LC (KU / kg)	0038	9.616	2.186	14.02	3.231	1.314	16	-1.36	16%	0
106.02	Vitamin A, LC (KU / kg)	0227	11.14	3.320	14.02	3.231	1.314	16	-0.89	10%	0
106.02	Vitamin A, LC (KU / kg)	0905	11.34	0.1130	14.02	3.231	1.314	16	-0.83	10%	0
106.02	Vitamin A, LC (KU / kg)	0941	12.01	3.507	14.02	3.231	1.314	16	-0.62	7%	0
106.02	Vitamin A, LC (KU / kg)	0004	13.17	0.3700	14.02	3.231	1.314	16	-0.26	3%	0
106.02	Vitamin A, LC (KU / kg)	0689	14.05	0.7000	14.02	3.231	1.314	16	0.01	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	
106.02	Vitamin A, LC (KU / kg)	0910	14.05	1.700	14.02	3.231	1.314	16	0.01	0%	0
106.02	Vitamin A, LC (KU / kg)	0656	14.20	1.480	14.02	3.231	1.314	16	0.06	1%	0
106.02	Vitamin A, LC (KU / kg)	0610	14.25	0.5000	14.02	3.231	1.314	16	0.07	1%	0
106.02	Vitamin A, LC (KU / kg)	2053	15.10	2.600	14.02	3.231	1.314	16	0.34	4%	0
106.02	Vitamin A, LC (KU / kg)	2103	15.67	1.740	14.02	3.231	1.314	16	0.51	6%	0
106.02	Vitamin A, LC (KU / kg)	0676	16.55	0.5000	14.02	3.231	1.314	16	0.78	9%	0
106.02	Vitamin A, LC (KU / kg)	0148	17.41	0.2100	14.02	3.231	1.314	16	1.05	12%	0
106.02	Vitamin A, LC (KU / kg)	0010	17.67	0.8600	14.02	3.231	1.314	16	1.13	13%	0
106.02	Vitamin A, LC (KU / kg)	0017	19.96	1.240	14.02	3.231	1.314	16	1.84	21%	0
106.02	Vitamin A, LC (KU / kg)	0675	41.27	10.32	14.02	3.231	1.314	16	8.44	97%	1
106.99	Vitamin A, Miscellaneous (KU / kg)	0904	18.20	3.290				1			0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	57.85	47.10				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	0.0000	0.0000				0			4
108.02	Vitamin D3, LC (KU / kg)	0676	3.515	0.0100				2			0
108.02	Vitamin D3, LC (KU / kg)	0227	4.830	0.0000				2			0
108.02	Vitamin D3, LC (KU / kg)	0910	4.570	0.3200				2			1
108.02	Vitamin D3, LC (KU / kg)	0675	9.775	0.1100				2			2
108.02	Vitamin D3, LC (KU / kg)	0610	< 5					2			5
109.02	Vitamin E, LC (IU / kg)	0619	0.0505	0.0010	37.18	21.49	3.072	14	-1.73	50%	0
109.02	Vitamin E, LC (IU / kg)	0227	4.835	0.2100	37.18	21.49	3.072	14	-1.50	43%	0
109.02	Vitamin E, LC (IU / kg)	0169	7.500	1.000	37.18	21.49	3.072	14	-1.38	40%	0
109.02	Vitamin E, LC (IU / kg)	0905	35.48	0.5700	37.18	21.49	3.072	14	-0.08	2%	0
109.02	Vitamin E, LC (IU / kg)	2103	37.50	3.000	37.18	21.49	3.072	14	0.02	0%	0
109.02	Vitamin E, LC (IU / kg)	0098	37.55	8.100	37.18	21.49	3.072	14	0.02	1%	0
109.02	Vitamin E, LC (IU / kg)	0941	40.49	1.570	37.18	21.49	3.072	14	0.15	4%	0
109.02	Vitamin E, LC (IU / kg)	2053	41.00	8.000	37.18	21.49	3.072	14	0.18	5%	0
109.02	Vitamin E, LC (IU / kg)	0610	45.00	2.000	37.18	21.49	3.072	14	0.36	11%	0
109.02	Vitamin E, LC (IU / kg)	0910	47.95	0.1000	37.18	21.49	3.072	14	0.50	14%	0
109.02	Vitamin E, LC (IU / kg)	2055	47.95	7.700	37.18	21.49	3.072	14	0.50	14%	0
109.02	Vitamin E, LC (IU / kg)	0676	50.10	0.8000	37.18	21.49	3.072	14	0.60	17%	0
109.02	Vitamin E, LC (IU / kg)	0148	50.66	4.150	37.18	21.49	3.072	14	0.63	18%	0
109.02	Vitamin E, LC (IU / kg)	0675	79.74	5.810	37.18	21.49	3.072	14	1.98	57%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0904	36.32	4.580				2			0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	47.50	3.000				2			0
112.01	Pyridoxine, LC (µg / g)	0227	8.640	0.0400				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	4.750	0.1400				1			0
113.02	Folic acid, LC (mg / kg (ppm))	0939	3.210	0.0200				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.5545	0.2110				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	5.305	0.3300				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	1.055	0.0100	1.185	0.0419	0.0126	22	-3.11	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.081	0.0127	1.185	0.0419	0.0126	22	-2.48	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.120	0.0000	1.185	0.0419	0.0126	22	-1.56	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	
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	1.154	0.0240	1.185	0.0419	0.0126	22	-0.75	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	1.155	0.0020	1.185	0.0419	0.0126	22	-0.73	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.165	0.0100	1.185	0.0419	0.0126	22	-0.49	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.171	0.0010	1.185	0.0419	0.0126	22	-0.36	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.174	0.0190	1.185	0.0419	0.0126	22	-0.28	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.175	0.0100	1.185	0.0419	0.0126	22	-0.25	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.180	0.0200	1.185	0.0419	0.0126	22	-0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.182	0.0170	1.185	0.0419	0.0126	22	-0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.184	0.0020	1.185	0.0419	0.0126	22	-0.03	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	1.186	0.0040	1.185	0.0419	0.0126	22	0.02	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.190	0.0268	1.185	0.0419	0.0126	22	0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.207	0.0017	1.185	0.0419	0.0126	22	0.51	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.208	0.0000	1.185	0.0419	0.0126	22	0.54	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.208	0.0060	1.185	0.0419	0.0126	22	0.54	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.225	0.0050	1.185	0.0419	0.0126	22	0.93	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.230	0.0200	1.185	0.0419	0.0126	22	1.07	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	1.230	0.0000	1.185	0.0419	0.0126	22	1.07	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.240	0.0200	1.185	0.0419	0.0126	22	1.31	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	1.298	0.0666	1.185	0.0419	0.0126	22	2.69	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.125	0.0900	1.185	0.0419	0.0126	22	-1.44	3%	1
120.02	Alanine, Post-col OPA Der (%)	0098	1.173	0.0040				1			0
120.05	Alanine, Pre-col AQC Der (%)	0407	1.094	0.0110	1.182	0.0417	0.0212	9	-2.13	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.150	0.0200	1.182	0.0417	0.0212	9	-0.77	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.170	0.0400	1.182	0.0417	0.0212	9	-0.29	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.170	0.0200	1.182	0.0417	0.0212	9	-0.29	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	1.176	0.0000	1.182	0.0417	0.0212	9	-0.15	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.189	0.0600	1.182	0.0417	0.0212	9	0.16	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	1.205	0.0100	1.182	0.0417	0.0212	9	0.55	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0242	1.215	0.0300	1.182	0.0417	0.0212	9	0.79	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	1.320	0.0000	1.182	0.0417	0.0212	9	3.31	6%	0
120.99	Alanine, Miscellaneous (%)	0889	1.121	0.0137				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	1.335	0.0100	1.446	0.0505	0.0193	23	-2.20	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.360	0.0200	1.446	0.0505	0.0193	23	-1.71	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.369	0.0264	1.446	0.0505	0.0193	23	-1.53	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	1.391	0.0270	1.446	0.0505	0.0193	23	-1.10	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.396	0.0314	1.446	0.0505	0.0193	23	-0.99	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.400	0.0600	1.446	0.0505	0.0193	23	-0.92	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.425	0.0100	1.446	0.0505	0.0193	23	-0.42	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.430	0.0600	1.446	0.0505	0.0193	23	-0.32	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.450	0.0200	1.446	0.0505	0.0193	23	0.07	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.453	0.0110	1.446	0.0505	0.0193	23	0.12	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.454	0.0130	1.446	0.0505	0.0193	23	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	
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.458	0.0150	1.446	0.0505	0.0193	23	0.22	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.463	0.0100	1.446	0.0505	0.0193	23	0.33	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.467	0.0075	1.446	0.0505	0.0193	23	0.40	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.468	0.0130	1.446	0.0505	0.0193	23	0.42	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.469	0.0020	1.446	0.0505	0.0193	23	0.45	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.473	0.0030	1.446	0.0505	0.0193	23	0.52	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	1.475	0.0000	1.446	0.0505	0.0193	23	0.57	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.477	0.0090	1.446	0.0505	0.0193	23	0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.480	0.0000	1.446	0.0505	0.0193	23	0.67	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.490	0.0000	1.446	0.0505	0.0193	23	0.86	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.516	0.0220	1.446	0.0505	0.0193	23	1.38	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.610	0.0736	1.446	0.0505	0.0193	23	3.25	6%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.431	0.0250				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.166	0.0070	1.467	0.1052	0.0464	8	-2.87	10%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.370	0.0800	1.467	0.1052	0.0464	8	-0.92	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.427	0.0940	1.467	0.1052	0.0464	8	-0.38	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.485	0.0100	1.467	0.1052	0.0464	8	0.17	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0242	1.505	0.0700	1.467	0.1052	0.0464	8	0.36	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.520	0.0000	1.467	0.1052	0.0464	8	0.50	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.525	0.0000	1.467	0.1052	0.0464	8	0.55	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.595	0.1100	1.467	0.1052	0.0464	8	1.22	4%	0
121.99	Arginine, Miscellaneous (%)	0889	1.300	0.0391				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.845	0.0100	2.024	0.0335	0.0257	22	-5.36	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.900	0.0200	2.024	0.0335	0.0257	22	-3.72	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.990	0.0400	2.024	0.0335	0.0257	22	-1.03	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.990	0.0200	2.024	0.0335	0.0257	22	-1.03	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.997	0.0280	2.024	0.0335	0.0257	22	-0.82	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	2.000	0.0400	2.024	0.0335	0.0257	22	-0.73	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.005	0.0700	2.024	0.0335	0.0257	22	-0.58	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.006	0.0050	2.024	0.0335	0.0257	22	-0.57	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.020	0.0228	2.024	0.0335	0.0257	22	-0.13	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	2.024	0.0100	2.024	0.0335	0.0257	22	-0.01	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.028	0.0100	2.024	0.0335	0.0257	22	0.11	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.030	0.0250	2.024	0.0335	0.0257	22	0.15	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	2.030	0.0200	2.024	0.0335	0.0257	22	0.16	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	2.031	0.0000	2.024	0.0335	0.0257	22	0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	2.040	0.0390	2.024	0.0335	0.0257	22	0.45	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.045	0.0150	2.024	0.0335	0.0257	22	0.60	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.047	0.0105	2.024	0.0335	0.0257	22	0.69	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.050	0.0200	2.024	0.0335	0.0257	22	0.76	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	2.055	0.0070	2.024	0.0335	0.0257	22	0.90	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.055	0.0336	2.024	0.0335	0.0257	22	0.90	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	2.100	0.0400	2.024	0.0335	0.0257	22	2.26	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	2.299	0.0805	2.024	0.0335	0.0257	22	8.19	7%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	2.403	0.2160	2.024	0.0335	0.0257	22	11.31	9%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	2.008	0.0430				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.485	0.0100	1.999	0.1448	0.0624	9	-3.55	13%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.872	0.0110	1.999	0.1448	0.0624	9	-0.88	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	1.925	0.0500	1.999	0.1448	0.0624	9	-0.51	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.954	0.1310	1.999	0.1448	0.0624	9	-0.31	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.990	0.0000	1.999	0.1448	0.0624	9	-0.06	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.080	0.0400	1.999	0.1448	0.0624	9	0.56	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	2.100	0.0400	1.999	0.1448	0.0624	9	0.70	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0242	2.140	0.0400	1.999	0.1448	0.0624	9	0.97	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	2.150	0.2400	1.999	0.1448	0.0624	9	1.04	4%	0
122.99	Aspartic, Miscellaneous (%)	0889	1.704	0.0218				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.2752	0.0043	0.3142	0.0253	0.0101	23	-1.55	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.2800	0.0200	0.3142	0.0253	0.0101	23	-1.35	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.2850	0.0100	0.3142	0.0253	0.0101	23	-1.16	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.2937	0.0117	0.3142	0.0253	0.0101	23	-0.81	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.2950	0.0300	0.3142	0.0253	0.0101	23	-0.76	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.2960	0.0280	0.3142	0.0253	0.0101	23	-0.72	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.3015	0.0030	0.3142	0.0253	0.0101	23	-0.50	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.3050	0.0300	0.3142	0.0253	0.0101	23	-0.36	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.3055	0.0090	0.3142	0.0253	0.0101	23	-0.34	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.3055	0.0050	0.3142	0.0253	0.0101	23	-0.34	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.3086	0.0018	0.3142	0.0253	0.0101	23	-0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.3130	0.0000	0.3142	0.0253	0.0101	23	-0.05	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.3170	0.0000	0.3142	0.0253	0.0101	23	0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.3185	0.0070	0.3142	0.0253	0.0101	23	0.17	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.3185	0.0050	0.3142	0.0253	0.0101	23	0.17	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.3195	0.0010	0.3142	0.0253	0.0101	23	0.21	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.3250	0.0100	0.3142	0.0253	0.0101	23	0.43	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.3300	0.0000	0.3142	0.0253	0.0101	23	0.63	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.3350	0.0100	0.3142	0.0253	0.0101	23	0.82	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.3450	0.0100	0.3142	0.0253	0.0101	23	1.22	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.3490	0.0000	0.3142	0.0253	0.0101	23	1.38	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.3700	0.0160	0.3142	0.0253	0.0101	23	2.21	9%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.4100	0.0200	0.3142	0.0253	0.0101	23	3.79	15%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.3255	0.0110				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.1300	0.0200	0.3402	0.0650	0.0174	8	-3.24	31%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.2870	0.0000	0.3402	0.0650	0.0174	8	-0.82	8%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.3050	0.0100	0.3402	0.0650	0.0174	8	-0.54	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0242	0.3500	0.0200	0.3402	0.0650	0.0174	8	0.15	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	
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.3600	0.0000	0.3402	0.0650	0.0174	8	0.30	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.3700	0.0000	0.3402	0.0650	0.0174	8	0.46	4%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.4000	0.0600	0.3402	0.0650	0.0174	8	0.92	9%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.4070	0.0294	0.3402	0.0650	0.0174	8	1.03	10%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.3393	0.0251				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.370	0.0200	3.650	0.0846	0.0448	23	-3.31	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	3.440	0.0000	3.650	0.0846	0.0448	23	-2.48	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.565	0.0500	3.650	0.0846	0.0448	23	-1.00	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.570	0.2000	3.650	0.0846	0.0448	23	-0.94	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.577	0.0030	3.650	0.0846	0.0448	23	-0.86	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.610	0.0800	3.650	0.0846	0.0448	23	-0.47	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.622	0.0600	3.650	0.0846	0.0448	23	-0.33	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.625	0.0410	3.650	0.0846	0.0448	23	-0.30	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	3.625	0.0160	3.650	0.0846	0.0448	23	-0.29	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.627	0.0230	3.650	0.0846	0.0448	23	-0.27	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.630	0.0200	3.650	0.0846	0.0448	23	-0.23	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.635	0.0350	3.650	0.0846	0.0448	23	-0.18	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.645	0.0300	3.650	0.0846	0.0448	23	-0.05	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.660	0.0000	3.650	0.0846	0.0448	23	0.12	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	3.664	0.0200	3.650	0.0846	0.0448	23	0.17	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.669	0.0000	3.650	0.0846	0.0448	23	0.23	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.676	0.0120	3.650	0.0846	0.0448	23	0.32	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.690	0.0400	3.650	0.0846	0.0448	23	0.48	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.733	0.0135	3.650	0.0846	0.0448	23	0.99	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	3.752	0.0000	3.650	0.0846	0.0448	23	1.21	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.768	0.0543	3.650	0.0846	0.0448	23	1.40	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	3.951	0.2020	3.650	0.0846	0.0448	23	3.56	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	4.369	0.1104	3.650	0.0846	0.0448	23	8.50	10%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.640	0.0420				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	3.575	0.0320	3.767	0.1756	0.0403	8	-1.10	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	3.609	0.0000	3.767	0.1756	0.0403	8	-0.90	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	3.640	0.0800	3.767	0.1756	0.0403	8	-0.73	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.740	0.0400	3.767	0.1756	0.0403	8	-0.16	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0242	3.780	0.0600	3.767	0.1756	0.0403	8	0.07	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	3.860	0.0000	3.767	0.1756	0.0403	8	0.53	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	3.965	0.0900	3.767	0.1756	0.0403	8	1.13	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.970	0.0200	3.767	0.1756	0.0403	8	1.15	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.817	0.2480	3.767	0.1756	0.0403	8	0.28	1%	1
125.99	Glutamic, Miscellaneous (%)	0889	3.903	0.0989				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	1.260	0.0000	1.351	0.0352	0.0225	22	-2.58	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.300	0.0200	1.351	0.0352	0.0225	22	-1.45	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.306	0.0613	1.351	0.0352	0.0225	22	-1.29	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.310	0.0600	1.351	0.0352	0.0225	22	-1.16	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.320	0.0000	1.351	0.0352	0.0225	22	-0.88	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.340	0.0100	1.351	0.0352	0.0225	22	-0.31	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.340	0.0000	1.351	0.0352	0.0225	22	-0.31	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	1.343	0.0493	1.351	0.0352	0.0225	22	-0.23	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.343	0.0140	1.351	0.0352	0.0225	22	-0.23	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.347	0.0210	1.351	0.0352	0.0225	22	-0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.350	0.0400	1.351	0.0352	0.0225	22	-0.03	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.354	0.0010	1.351	0.0352	0.0225	22	0.07	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	1.355	0.0100	1.351	0.0352	0.0225	22	0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	1.358	0.0040	1.351	0.0352	0.0225	22	0.20	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	1.358	0.0180	1.351	0.0352	0.0225	22	0.20	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	1.371	0.0150	1.351	0.0352	0.0225	22	0.55	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.376	0.0000	1.351	0.0352	0.0225	22	0.71	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.377	0.0049	1.351	0.0352	0.0225	22	0.73	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.382	0.0500	1.351	0.0352	0.0225	22	0.88	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	1.389	0.0760	1.351	0.0352	0.0225	22	1.08	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	1.424	0.0000	1.351	0.0352	0.0225	22	2.07	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	1.430	0.0400	1.351	0.0352	0.0225	22	2.24	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	1.775	0.0815	1.351	0.0352	0.0225	22	12.04	16%	2
126.02	Glycine, Post-col OPA Der (%)	0098	1.365	0.0080				1			0
126.05	Glycine, Pre-col AQC Der (%)	0407	1.289	0.0180	1.368	0.0658	0.0357	9	-1.21	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	1.295	0.0900	1.368	0.0658	0.0357	9	-1.12	3%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	1.315	0.0300	1.368	0.0658	0.0357	9	-0.81	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	1.370	0.0000	1.368	0.0658	0.0357	9	0.02	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0242	1.380	0.0800	1.368	0.0658	0.0357	9	0.18	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	1.380	0.0000	1.368	0.0658	0.0357	9	0.18	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.415	0.0100	1.368	0.0658	0.0357	9	0.71	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	1.415	0.0100	1.368	0.0658	0.0357	9	0.71	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.457	0.0830	1.368	0.0658	0.0357	9	1.34	3%	0
126.99	Glycine, Miscellaneous (%)	0889	0.4514	0.0003				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.4500	0.0200	0.5361	0.0204	0.0104	22	-4.21	8%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.4850	0.0100	0.5361	0.0204	0.0104	22	-2.50	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.5125	0.0030	0.5361	0.0204	0.0104	22	-1.16	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.5200	0.0200	0.5361	0.0204	0.0104	22	-0.79	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.5230	0.0080	0.5361	0.0204	0.0104	22	-0.64	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.5230	0.0020	0.5361	0.0204	0.0104	22	-0.64	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.5275	0.0110	0.5361	0.0204	0.0104	22	-0.42	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.5287	0.0025	0.5361	0.0204	0.0104	22	-0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.5315	0.0090	0.5361	0.0204	0.0104	22	-0.23	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.5320	0.0080	0.5361	0.0204	0.0104	22	-0.20	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.5350	0.0100	0.5361	0.0204	0.0104	22	-0.06	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	
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.5359	0.0118	0.5361	0.0204	0.0104	22	-0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.5380	0.0060	0.5361	0.0204	0.0104	22	0.09	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.5390	0.0040	0.5361	0.0204	0.0104	22	0.14	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.5400	0.0240	0.5361	0.0204	0.0104	22	0.19	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.5436	0.0004	0.5361	0.0204	0.0104	22	0.36	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.5450	0.0100	0.5361	0.0204	0.0104	22	0.43	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.5550	0.0100	0.5361	0.0204	0.0104	22	0.92	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.5560	0.0000	0.5361	0.0204	0.0104	22	0.97	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.5650	0.0300	0.5361	0.0204	0.0104	22	1.41	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.6215	0.0010	0.5361	0.0204	0.0104	22	4.17	8%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.6594	0.0277	0.5361	0.0204	0.0104	22	6.03	11%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.5395	0.1090	0.5361	0.0204	0.0104	22	0.16	0%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.5190	0.0020				1			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.4170	0.0200	0.5284	0.0478	0.0178	9	-2.33	11%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.4850	0.0100	0.5284	0.0478	0.0178	9	-0.91	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.5070	0.0400	0.5284	0.0478	0.0178	9	-0.45	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.5150	0.0300	0.5284	0.0478	0.0178	9	-0.28	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.5350	0.0100	0.5284	0.0478	0.0178	9	0.14	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0242	0.5400	0.0200	0.5284	0.0478	0.0178	9	0.24	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.5600	0.0200	0.5284	0.0478	0.0178	9	0.66	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.5650	0.0100	0.5284	0.0478	0.0178	9	0.77	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.5920	0.0000	0.5284	0.0478	0.0178	9	1.33	6%	0
127.99	Histidine, Miscellaneous (%)	0889	0.4514	0.0003				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.6550	0.0100	0.8176	0.0483	0.0147	22	-3.37	10%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.6900	0.0200	0.8176	0.0483	0.0147	22	-2.64	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.7545	0.0035	0.8176	0.0483	0.0147	22	-1.31	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.7625	0.0170	0.8176	0.0483	0.0147	22	-1.14	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.7670	0.0080	0.8176	0.0483	0.0147	22	-1.05	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.8025	0.0230	0.8176	0.0483	0.0147	22	-0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.8050	0.0000	0.8176	0.0483	0.0147	22	-0.26	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.8106	0.0458	0.8176	0.0483	0.0147	22	-0.15	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.8150	0.0100	0.8176	0.0483	0.0147	22	-0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.8150	0.0500	0.8176	0.0483	0.0147	22	-0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.8160	0.0220	0.8176	0.0483	0.0147	22	-0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.8195	0.0010	0.8176	0.0483	0.0147	22	0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.8235	0.0030	0.8176	0.0483	0.0147	22	0.12	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.8245	0.0030	0.8176	0.0483	0.0147	22	0.14	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.8345	0.0150	0.8176	0.0483	0.0147	22	0.35	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.8379	0.0056	0.8176	0.0483	0.0147	22	0.42	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.8500	0.0000	0.8176	0.0483	0.0147	22	0.67	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.8535	0.0070	0.8176	0.0483	0.0147	22	0.74	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.8595	0.0050	0.8176	0.0483	0.0147	22	0.87	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	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.8710	0.0420	0.8176	0.0483	0.0147	22	1.11	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.8850	0.0100	0.8176	0.0483	0.0147	22	1.40	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.9378	0.0218	0.8176	0.0483	0.0147	22	2.49	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.7750	0.1100	0.8176	0.0483	0.0147	22	-0.88	3%	1
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.8300	0.0020				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.8080	0.0720	0.8609	0.0475	0.0247	9	-1.11	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0242	0.8200	0.0200	0.8609	0.0475	0.0247	9	-0.86	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.8250	0.0100	0.8609	0.0475	0.0247	9	-0.76	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.8370	0.0400	0.8609	0.0475	0.0247	9	-0.50	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.8600	0.0400	0.8609	0.0475	0.0247	9	-0.02	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.8750	0.0100	0.8609	0.0475	0.0247	9	0.30	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.8910	0.0000	0.8609	0.0475	0.0247	9	0.63	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.9000	0.0200	0.8609	0.0475	0.0247	9	0.82	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.9350	0.0100	0.8609	0.0475	0.0247	9	1.56	4%	0
128.99	Isoleucine, Miscellaneous (%)	0889	0.7351	0.0042				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.410	0.0200	1.631	0.0377	0.0175	23	-5.85	7%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.460	0.0200	1.631	0.0377	0.0175	23	-4.52	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.580	0.0600	1.631	0.0377	0.0175	23	-1.34	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.583	0.0350	1.631	0.0377	0.0175	23	-1.27	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.597	0.0253	1.631	0.0377	0.0175	23	-0.89	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.610	0.0200	1.631	0.0377	0.0175	23	-0.55	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.616	0.0091	1.631	0.0377	0.0175	23	-0.38	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.620	0.0030	1.631	0.0377	0.0175	23	-0.29	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.620	0.0000	1.631	0.0377	0.0175	23	-0.28	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.625	0.0370	1.631	0.0377	0.0175	23	-0.16	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.627	0.0230	1.631	0.0377	0.0175	23	-0.11	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.630	0.0000	1.631	0.0377	0.0175	23	-0.02	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.644	0.0030	1.631	0.0377	0.0175	23	0.34	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.646	0.0310	1.631	0.0377	0.0175	23	0.40	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.646	0.0120	1.631	0.0377	0.0175	23	0.41	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.650	0.0200	1.631	0.0377	0.0175	23	0.51	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.650	0.0200	1.631	0.0377	0.0175	23	0.51	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.651	0.0040	1.631	0.0377	0.0175	23	0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.660	0.0200	1.631	0.0377	0.0175	23	0.78	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.670	0.0040	1.631	0.0377	0.0175	23	1.05	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.673	0.0070	1.631	0.0377	0.0175	23	1.11	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.674	0.0006	1.631	0.0377	0.0175	23	1.14	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.907	0.0293	1.631	0.0377	0.0175	23	7.32	8%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.611	0.0170				1			0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.479	0.0170	1.679	0.0730	0.0344	9	-2.75	6%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.633	0.0000	1.679	0.0730	0.0344	9	-0.63	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0242	1.645	0.0300	1.679	0.0730	0.0344	9	-0.47	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
129.05	Leucine, Pre-col AQC Der (%)	0610	1.660	0.0200	1.679	0.0730	0.0344	9	-0.26	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.670	0.1000	1.679	0.0730	0.0344	9	-0.13	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.695	0.0500	1.679	0.0730	0.0344	9	0.22	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.702	0.0830	1.679	0.0730	0.0344	9	0.31	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.750	0.0000	1.679	0.0730	0.0344	9	0.97	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	2.175	0.0100	1.679	0.0730	0.0344	9	6.79	15%	0
129.99	Leucine, Miscellaneous (%)	0889	1.341	0.0057				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	1.010	0.0400	1.136	0.0580	0.0187	24	-2.17	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	1.035	0.0100	1.136	0.0580	0.0187	24	-1.74	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	1.040	0.0200	1.136	0.0580	0.0187	24	-1.65	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	1.056	0.0130	1.136	0.0580	0.0187	24	-1.38	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	1.113	0.0120	1.136	0.0580	0.0187	24	-0.39	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.115	0.0100	1.136	0.0580	0.0187	24	-0.36	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.117	0.0074	1.136	0.0580	0.0187	24	-0.33	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.120	0.0090	1.136	0.0580	0.0187	24	-0.28	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.125	0.0100	1.136	0.0580	0.0187	24	-0.19	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.130	0.0130	1.136	0.0580	0.0187	24	-0.11	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.130	0.0600	1.136	0.0580	0.0187	24	-0.10	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.131	0.0010	1.136	0.0580	0.0187	24	-0.09	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.133	0.0070	1.136	0.0580	0.0187	24	-0.06	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	1.136	0.0000	1.136	0.0580	0.0187	24	0.00	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.138	0.0070	1.136	0.0580	0.0187	24	0.03	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.153	0.0080	1.136	0.0580	0.0187	24	0.29	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.157	0.0207	1.136	0.0580	0.0187	24	0.36	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.160	0.0200	1.136	0.0580	0.0187	24	0.42	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.169	0.0770	1.136	0.0580	0.0187	24	0.56	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.180	0.0200	1.136	0.0580	0.0187	24	0.76	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.186	0.0100	1.136	0.0580	0.0187	24	0.87	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	1.233	0.0000	1.136	0.0580	0.0187	24	1.68	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	1.273	0.0435	1.136	0.0580	0.0187	24	2.36	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.275	0.0300	1.136	0.0580	0.0187	24	2.40	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	2.050	0.0200	1.136	0.0580	0.0187	24	15.77	40%	2
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.147	0.0270				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	1.073	0.0270	1.158	0.0424	0.0402	10	-2.01	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	1.120	0.1600	1.158	0.0424	0.0402	10	-0.89	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.120	0.0000	1.158	0.0424	0.0402	10	-0.89	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	1.145	0.0300	1.158	0.0424	0.0402	10	-0.30	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.156	0.0850	1.158	0.0424	0.0402	10	-0.05	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	1.170	0.0000	1.158	0.0424	0.0402	10	0.29	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.180	0.0000	1.158	0.0424	0.0402	10	0.52	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	1.193	0.0000	1.158	0.0424	0.0402	10	0.83	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	1.195	0.0900	1.158	0.0424	0.0402	10	0.88	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			
130.05	L-Lysine, Pre-col AQC Der (%)	0242	1.205	0.0100	1.158	0.0424	0.0402	10	1.11	2%	0
130.99	L-Lysine, Miscellaneous (%)	2053	0.9350	0.0700				3			0
130.99	L-Lysine, Miscellaneous (%)	0656	1.100	0.0000				3			0
130.99	L-Lysine, Miscellaneous (%)	0889	1.105	0.1500				3			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.3000	0.0000	0.4087	0.0147	0.0092	24	-7.40	13%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.3670	0.0000	0.4087	0.0147	0.0092	24	-2.84	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.3800	0.0200	0.4087	0.0147	0.0092	24	-1.96	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.3950	0.0300	0.4087	0.0147	0.0092	24	-0.93	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.3990	0.0020	0.4087	0.0147	0.0092	24	-0.66	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.4000	0.0200	0.4087	0.0147	0.0092	24	-0.59	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.4005	0.0230	0.4087	0.0147	0.0092	24	-0.56	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.4025	0.0150	0.4087	0.0147	0.0092	24	-0.42	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.4045	0.0030	0.4087	0.0147	0.0092	24	-0.29	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.4050	0.0100	0.4087	0.0147	0.0092	24	-0.25	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.4050	0.0000	0.4087	0.0147	0.0092	24	-0.25	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.4075	0.0070	0.4087	0.0147	0.0092	24	-0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.4100	0.0000	0.4087	0.0147	0.0092	24	0.09	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.4110	0.0098	0.4087	0.0147	0.0092	24	0.16	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.4135	0.0050	0.4087	0.0147	0.0092	24	0.33	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.4143	0.0015	0.4087	0.0147	0.0092	24	0.38	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.4145	0.0070	0.4087	0.0147	0.0092	24	0.39	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.4150	0.0100	0.4087	0.0147	0.0092	24	0.43	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.4200	0.0200	0.4087	0.0147	0.0092	24	0.77	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.4225	0.0030	0.4087	0.0147	0.0092	24	0.94	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.4230	0.0120	0.4087	0.0147	0.0092	24	0.97	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.4250	0.0100	0.4087	0.0147	0.0092	24	1.11	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.4350	0.0100	0.4087	0.0147	0.0092	24	1.79	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.4370	0.0020	0.4087	0.0147	0.0092	24	1.93	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.4940	0.0502	0.4087	0.0147	0.0092	24	5.81	10%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.4115	0.0070				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.3300	0.0200	0.4100	0.0595	0.0194	10	-1.34	10%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.3450	0.0500	0.4100	0.0595	0.0194	10	-1.09	8%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.3715	0.0110	0.4100	0.0595	0.0194	10	-0.65	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0014	0.3785	0.0510	0.4100	0.0595	0.0194	10	-0.53	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.4150	0.0100	0.4100	0.0595	0.0194	10	0.08	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0242	0.4300	0.0000	0.4100	0.0595	0.0194	10	0.34	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.4300	0.0200	0.4100	0.0595	0.0194	10	0.34	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.4508	0.0223	0.4100	0.0595	0.0194	10	0.69	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.4540	0.0000	0.4100	0.0595	0.0194	10	0.74	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.4950	0.0100	0.4100	0.0595	0.0194	10	1.43	10%	0
131.99	Methionine, Miscellaneous (%)	0889	0.4400	0.0200				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.8800	0.0200	0.9628	0.0248	0.0136	22	-3.34	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	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.9239	0.0222	0.9628	0.0248	0.0136	22	-1.57	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.9300	0.0000	0.9628	0.0248	0.0136	22	-1.32	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.9400	0.0400	0.9628	0.0248	0.0136	22	-0.92	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.9430	0.0180	0.9628	0.0248	0.0136	22	-0.80	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.9505	0.0010	0.9628	0.0248	0.0136	22	-0.50	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.9550	0.0300	0.9628	0.0248	0.0136	22	-0.31	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.9585	0.0164	0.9628	0.0248	0.0136	22	-0.17	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.9590	0.0000	0.9628	0.0248	0.0136	22	-0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.9600	0.0200	0.9628	0.0248	0.0136	22	-0.11	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.9605	0.0010	0.9628	0.0248	0.0136	22	-0.09	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.9645	0.0010	0.9628	0.0248	0.0136	22	0.07	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.9660	0.0060	0.9628	0.0248	0.0136	22	0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.9660	0.0100	0.9628	0.0248	0.0136	22	0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.9670	0.0240	0.9628	0.0248	0.0136	22	0.17	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.9710	0.0120	0.9628	0.0248	0.0136	22	0.33	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.9750	0.0100	0.9628	0.0248	0.0136	22	0.49	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.9775	0.0030	0.9628	0.0248	0.0136	22	0.59	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.9915	0.0370	0.9628	0.0248	0.0136	22	1.16	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.9950	0.0100	0.9628	0.0248	0.0136	22	1.30	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.9999	0.0066	0.9628	0.0248	0.0136	22	1.50	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	1.045	0.0120	0.9628	0.0248	0.0136	22	3.32	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	1.106	0.0839	0.9628	0.0248	0.0136	22	5.77	7%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.9490	0.0080				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.8260	0.0060	0.9652	0.0577	0.0392	9	-2.41	7%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.9050	0.0100	0.9652	0.0577	0.0392	9	-1.04	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.9300	0.1400	0.9652	0.0577	0.0392	9	-0.61	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0242	0.9650	0.0300	0.9652	0.0577	0.0392	9	0.00	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.9845	0.0670	0.9652	0.0577	0.0392	9	0.33	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.9850	0.0100	0.9652	0.0577	0.0392	9	0.34	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	1.000	0.0400	0.9652	0.0577	0.0392	9	0.60	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	1.004	0.0000	0.9652	0.0577	0.0392	9	0.67	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	1.035	0.0500	0.9652	0.0577	0.0392	9	1.21	4%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.9232	0.0045				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.288	0.0117	1.370	0.0511	0.0324	23	-1.61	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.290	0.0600	1.370	0.0511	0.0324	23	-1.57	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.300	0.0200	1.370	0.0511	0.0324	23	-1.38	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.325	0.0100	1.370	0.0511	0.0324	23	-0.89	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	1.329	0.0180	1.370	0.0511	0.0324	23	-0.81	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.339	0.0010	1.370	0.0511	0.0324	23	-0.62	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.350	0.0000	1.370	0.0511	0.0324	23	-0.40	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.360	0.0380	1.370	0.0511	0.0324	23	-0.20	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.365	0.0300	1.370	0.0511	0.0324	23	-0.11	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	
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.365	0.0500	1.370	0.0511	0.0324	23	-0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.370	0.0200	1.370	0.0511	0.0324	23	-0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.371	0.0308	1.370	0.0511	0.0324	23	0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.371	0.0060	1.370	0.0511	0.0324	23	0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.377	0.0620	1.370	0.0511	0.0324	23	0.13	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.380	0.0040	1.370	0.0511	0.0324	23	0.19	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.382	0.0300	1.370	0.0511	0.0324	23	0.23	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.390	0.1400	1.370	0.0511	0.0324	23	0.38	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.396	0.0230	1.370	0.0511	0.0324	23	0.49	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.397	0.0020	1.370	0.0511	0.0324	23	0.52	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.425	0.0100	1.370	0.0511	0.0324	23	1.07	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.459	0.0215	1.370	0.0511	0.0324	23	1.73	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.460	0.0150	1.370	0.0511	0.0324	23	1.74	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.607	0.1431	1.370	0.0511	0.0324	23	4.63	9%	0
133.05	Proline, Pre-col AQC Der (%)	0407	1.258	0.0170	1.390	0.1027	0.0301	9	-1.29	5%	0
133.05	Proline, Pre-col AQC Der (%)	2196	1.298	0.0000	1.390	0.1027	0.0301	9	-0.90	3%	0
133.05	Proline, Pre-col AQC Der (%)	0242	1.340	0.0800	1.390	0.1027	0.0301	9	-0.49	2%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.370	0.0200	1.390	0.1027	0.0301	9	-0.20	1%	0
133.05	Proline, Pre-col AQC Der (%)	0610	1.375	0.0100	1.390	0.1027	0.0301	9	-0.15	1%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.385	0.0700	1.390	0.1027	0.0301	9	-0.05	0%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.453	0.0640	1.390	0.1027	0.0301	9	0.61	2%	0
133.05	Proline, Pre-col AQC Der (%)	2246	1.515	0.0100	1.390	0.1027	0.0301	9	1.21	4%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.520	0.0000	1.390	0.1027	0.0301	9	1.26	5%	0
133.99	Proline, Miscellaneous (%)	0889	1.362	0.0552				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.8750	0.0500	1.009	0.0484	0.0114	22	-2.76	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.9463	0.0052	1.009	0.0484	0.0114	22	-1.29	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.9505	0.0130	1.009	0.0484	0.0114	22	-1.20	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.9540	0.0040	1.009	0.0484	0.0114	22	-1.13	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.9750	0.0300	1.009	0.0484	0.0114	22	-0.70	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.9800	0.0200	1.009	0.0484	0.0114	22	-0.60	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.9900	0.0000	1.009	0.0484	0.0114	22	-0.39	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.9900	0.0200	1.009	0.0484	0.0114	22	-0.39	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	1.000	0.0000	1.009	0.0484	0.0114	22	-0.18	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.005	0.0030	1.009	0.0484	0.0114	22	-0.09	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.011	0.0080	1.009	0.0484	0.0114	22	0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	1.011	0.0080	1.009	0.0484	0.0114	22	0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	1.015	0.0150	1.009	0.0484	0.0114	22	0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.015	0.0100	1.009	0.0484	0.0114	22	0.13	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.018	0.0290	1.009	0.0484	0.0114	22	0.18	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.023	0.0010	1.009	0.0484	0.0114	22	0.30	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	1.037	0.0070	1.009	0.0484	0.0114	22	0.57	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.037	0.0060	1.009	0.0484	0.0114	22	0.58	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	
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.069	0.0063	1.009	0.0484	0.0114	22	1.24	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	1.071	0.0000	1.009	0.0484	0.0114	22	1.28	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	1.106	0.0090	1.009	0.0484	0.0114	22	2.00	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	1.116	0.0070	1.009	0.0484	0.0114	22	2.20	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	1.060	0.1400	1.009	0.0484	0.0114	22	1.06	3%	1
134.02	Serine, Post-col OPA Der (%)	0098	0.9900	0.0120				1			0
134.05	Serine, Pre-col AQC Der (%)	0148	0.9550	0.0100	1.014	0.0498	0.0255	8	-1.17	3%	0
134.05	Serine, Pre-col AQC Der (%)	0407	0.9625	0.0010	1.014	0.0498	0.0255	8	-1.02	3%	0
134.05	Serine, Pre-col AQC Der (%)	0610	0.9750	0.0100	1.014	0.0498	0.0255	8	-0.77	2%	0
134.05	Serine, Pre-col AQC Der (%)	2196	1.023	0.0000	1.014	0.0498	0.0255	8	0.19	0%	0
134.05	Serine, Pre-col AQC Der (%)	2188	1.030	0.0200	1.014	0.0498	0.0255	8	0.33	1%	0
134.05	Serine, Pre-col AQC Der (%)	0242	1.040	0.0200	1.014	0.0498	0.0255	8	0.53	1%	0
134.05	Serine, Pre-col AQC Der (%)	0626	1.048	0.0730	1.014	0.0498	0.0255	8	0.68	2%	0
134.05	Serine, Pre-col AQC Der (%)	0676	1.075	0.0700	1.014	0.0498	0.0255	8	1.23	3%	0
134.99	Serine, Miscellaneous (%)	0889	0.8708	0.0020				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.7450	0.0100	0.7944	0.0242	0.0144	22	-2.04	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.7500	0.0400	0.7944	0.0242	0.0144	22	-1.83	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.7600	0.0200	0.7944	0.0242	0.0144	22	-1.42	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.7725	0.0010	0.7944	0.0242	0.0144	22	-0.90	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.7800	0.0200	0.7944	0.0242	0.0144	22	-0.59	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.7800	0.0200	0.7944	0.0242	0.0144	22	-0.59	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.7820	0.0100	0.7944	0.0242	0.0144	22	-0.51	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.7845	0.0030	0.7944	0.0242	0.0144	22	-0.41	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.7900	0.0060	0.7944	0.0242	0.0144	22	-0.18	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.7920	0.0080	0.7944	0.0242	0.0144	22	-0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.7935	0.0170	0.7944	0.0242	0.0144	22	-0.04	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.7950	0.0300	0.7944	0.0242	0.0144	22	0.03	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.7987	0.0016	0.7944	0.0242	0.0144	22	0.18	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.8030	0.0000	0.7944	0.0242	0.0144	22	0.36	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.8045	0.0110	0.7944	0.0242	0.0144	22	0.42	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.8060	0.0300	0.7944	0.0242	0.0144	22	0.48	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.8084	0.0117	0.7944	0.0242	0.0144	22	0.58	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.8140	0.0120	0.7944	0.0242	0.0144	22	0.81	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.8145	0.0014	0.7944	0.0242	0.0144	22	0.83	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.8200	0.0100	0.7944	0.0242	0.0144	22	1.06	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.8500	0.0200	0.7944	0.0242	0.0144	22	2.30	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.8643	0.0350	0.7944	0.0242	0.0144	22	2.89	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.9920	0.0940	0.7944	0.0242	0.0144	22	8.16	12%	1
135.02	Threonine, Post-col OPA Der (%)	0098	0.7920	0.0240				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.6200	0.0280	0.7685	0.1050	0.0172	9	-1.41	10%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.6200	0.0000	0.7685	0.1050	0.0172	9	-1.41	10%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.7565	0.0370	0.7685	0.1050	0.0172	9	-0.11	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	
135.05	Threonine, Pre-col AQC Der (%)	0148	0.7650	0.0100	0.7685	0.1050	0.0172	9	-0.03	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.7900	0.0200	0.7685	0.1050	0.0172	9	0.20	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.8200	0.0400	0.7685	0.1050	0.0172	9	0.49	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.8250	0.0000	0.7685	0.1050	0.0172	9	0.54	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0242	0.8350	0.0100	0.7685	0.1050	0.0172	9	0.63	4%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.8850	0.0100	0.7685	0.1050	0.0172	9	1.11	8%	0
135.99	Threonine, Miscellaneous (%)	0889	0.6364	0.0023				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.1900	0.0200	0.2404	0.0398	0.0085	8	-1.27	10%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0171	0.1905	0.0070	0.2404	0.0398	0.0085	8	-1.25	10%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.2350	0.0100	0.2404	0.0398	0.0085	8	-0.14	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.2400	0.0000	0.2404	0.0398	0.0085	8	-0.01	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.2470	0.0080	0.2404	0.0398	0.0085	8	0.16	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.2650	0.0132	0.2404	0.0398	0.0085	8	0.62	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2710	0.0000	0.2404	0.0398	0.0085	8	0.77	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2850	0.0100	0.2404	0.0398	0.0085	8	1.12	9%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.2360	0.0060				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.2385	0.0030				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.2580	0.0000				3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2425	0.0050				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.2305	0.0091	0.2601	0.0251	0.0064	6	-1.18	6%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.2505	0.0070	0.2601	0.0251	0.0064	6	-0.38	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.2545	0.0010	0.2601	0.0251	0.0064	6	-0.22	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.2625	0.0010	0.2601	0.0251	0.0064	6	0.09	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0148	0.2650	0.0100	0.2601	0.0251	0.0064	6	0.19	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.3050	0.0100	0.2601	0.0251	0.0064	6	1.79	9%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.1050	0.0100				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1295	0.0410				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	0242	0.2500	0.0400				3			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.2250	0.0100				2			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.4523	0.0002				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.5150	0.0100	0.6363	0.0743	0.0154	17	-1.63	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.5180	0.0000	0.6363	0.0743	0.0154	17	-1.59	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.5700	0.0200	0.6363	0.0743	0.0154	17	-0.89	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.5900	0.0400	0.6363	0.0743	0.0154	17	-0.62	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.5926	0.0204	0.6363	0.0743	0.0154	17	-0.59	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.6015	0.0090	0.6363	0.0743	0.0154	17	-0.47	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.6060	0.0500	0.6363	0.0743	0.0154	17	-0.41	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.6337	0.0270	0.6363	0.0743	0.0154	17	-0.04	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.6475	0.0050	0.6363	0.0743	0.0154	17	0.15	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.6560	0.0040	0.6363	0.0743	0.0154	17	0.26	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.6595	0.0010	0.6363	0.0743	0.0154	17	0.31	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.6650	0.0300	0.6363	0.0743	0.0154	17	0.39	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	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.6740	0.0040	0.6363	0.0743	0.0154	17	0.51	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.6750	0.0100	0.6363	0.0743	0.0154	17	0.52	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.7100	0.0000	0.6363	0.0743	0.0154	17	0.99	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.7395	0.0070	0.6363	0.0743	0.0154	17	1.39	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.7899	0.0246	0.6363	0.0743	0.0154	17	2.07	12%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.6790	0.0040				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.5395	0.0050	0.6793	0.0957	0.0258	9	-1.46	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.5675	0.0470	0.6793	0.0957	0.0258	9	-1.17	8%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.6450	0.0100	0.6793	0.0957	0.0258	9	-0.36	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0242	0.6650	0.0300	0.6793	0.0957	0.0258	9	-0.15	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.7000	0.0000	0.6793	0.0957	0.0258	9	0.22	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.7270	0.0000	0.6793	0.0957	0.0258	9	0.50	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.7300	0.1000	0.6793	0.0957	0.0258	9	0.53	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.7400	0.0200	0.6793	0.0957	0.0258	9	0.63	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.8000	0.0200	0.6793	0.0957	0.0258	9	1.26	9%	0
137.99	Tyrosine, Miscellaneous (%)	0889	0.4523	0.0002				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.7850	0.0100	0.9798	0.0457	0.0199	21	-4.26	10%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.8970	0.0220	0.9798	0.0457	0.0199	21	-1.81	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.9358	0.0499	0.9798	0.0457	0.0199	21	-0.96	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.9378	0.0218	0.9798	0.0457	0.0199	21	-0.92	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.9430	0.0140	0.9798	0.0457	0.0199	21	-0.80	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.9450	0.0100	0.9798	0.0457	0.0199	21	-0.76	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.9520	0.0100	0.9798	0.0457	0.0199	21	-0.61	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.9655	0.0370	0.9798	0.0457	0.0199	21	-0.31	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.9743	0.0018	0.9798	0.0457	0.0199	21	-0.12	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.9750	0.1100	0.9798	0.0457	0.0199	21	-0.10	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.9895	0.0150	0.9798	0.0457	0.0199	21	0.21	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.9905	0.0110	0.9798	0.0457	0.0199	21	0.23	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.9905	0.0010	0.9798	0.0457	0.0199	21	0.23	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.9910	0.0000	0.9798	0.0457	0.0199	21	0.25	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.9935	0.0130	0.9798	0.0457	0.0199	21	0.30	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.007	0.0074	0.9798	0.0457	0.0199	21	0.60	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.018	0.0050	0.9798	0.0457	0.0199	21	0.83	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.027	0.0560	0.9798	0.0457	0.0199	21	1.03	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.035	0.0030	0.9798	0.0457	0.0199	21	1.20	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.035	0.0100	0.9798	0.0457	0.0199	21	1.21	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.055	0.0100	0.9798	0.0457	0.0199	21	1.65	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.9600	0.1200	0.9798	0.0457	0.0199	21	-0.43	1%	1
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.3400	0.0200	0.9798	0.0457	0.0199	21	-14.00	33%	2
138.02	Valine, Post-col OPA Der (%)	0098	1.013	0.0090				1			0
138.05	Valine, Pre-col AQC Der (%)	0407	0.9420	0.0920	1.024	0.0617	0.0282	9	-1.33	4%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.9580	0.0000	1.024	0.0617	0.0282	9	-1.07	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	
138.05	Valine, Pre-col AQC Der (%)	0242	0.9950	0.0300	1.024	0.0617	0.0282	9	-0.47	1%	0
138.05	Valine, Pre-col AQC Der (%)	0626	1.005	0.0620	1.024	0.0617	0.0282	9	-0.31	1%	0
138.05	Valine, Pre-col AQC Der (%)	0148	1.040	0.0200	1.024	0.0617	0.0282	9	0.26	1%	0
138.05	Valine, Pre-col AQC Der (%)	2188	1.040	0.0000	1.024	0.0617	0.0282	9	0.26	1%	0
138.05	Valine, Pre-col AQC Der (%)	0610	1.060	0.0200	1.024	0.0617	0.0282	9	0.59	2%	0
138.05	Valine, Pre-col AQC Der (%)	0676	1.060	0.0200	1.024	0.0617	0.0282	9	0.59	2%	0
138.05	Valine, Pre-col AQC Der (%)	2246	1.115	0.0100	1.024	0.0617	0.0282	9	1.48	4%	0
138.99	Valine, Miscellaneous (%)	0889	0.8794	0.0010				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0770	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1400	0.0200				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0148	0.0100	0.0000				2			0
139.05	Taurine, Pre-col AQC Der (%)	0407	0.2140	0.0020				2			0
139.99	Taurine, Miscellaneous (%)	0889	0.0156	0.0006				1			0
160.99	Fructose, Miscellaneous (%)	0297	0.1085	0.0350				3			0
160.99	Fructose, Miscellaneous (%)	0148	0.2350	0.0100				3			0
160.99	Fructose, Miscellaneous (%)	0227	0.3050	0.0100				3			0
161.99	Galactose, Miscellaneous (%)	0297	0.0000	0.0000				0			4
162.99	Glucose, Miscellaneous (%)	0297	0.1525	0.0170				3			0
162.99	Glucose, Miscellaneous (%)	0227	0.2200	0.0600				3			0
162.99	Glucose, Miscellaneous (%)	0148	0.2550	0.1100				3			0
163.99	Lactose, Miscellaneous (%)	0148	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.99	Maltose, Miscellaneous (%)	0297	0.2025	0.0310				1			0
164.99	Maltose, Miscellaneous (%)	0148	0.0000	0.0000				1			4
165.99	Sucrose, Miscellaneous (%)	0297	1.899	0.1010				3			0
165.99	Sucrose, Miscellaneous (%)	0148	1.975	0.0700				3			0
165.99	Sucrose, Miscellaneous (%)	0227	2.150	0.0800				3			0
166.99	Raffinose, Miscellaneous (%)	0227	0.5000	0.0000				2			0
166.99	Raffinose, Miscellaneous (%)	0297	0.5300	0.0040				2			0
167.99	Stachyose, Miscellaneous (%)	0227	0.9350	0.0300				2			0
167.99	Stachyose, Miscellaneous (%)	0297	1.062	0.0740				2			0
354.02	Decoquinatate, LC (mg/kg (ppm))	0006	29.00	0.0000				1			0
365.02	Monensin, LC (mg/kg (ppm))	0610	0.4700	0.0200				1			0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2113	0.4050	0.1300				1			0
379.05	Salinomycin, LC-MS/MS (mg/kg (ppm))	2113	120.0	0.0000				1			0
391.00	Narasin, LC-PCD (mg/kg (ppm))	2135	78.27	2.097	87.51	7.870	1.035	4			0
391.00	Narasin, LC-PCD (mg/kg (ppm))	0033	84.00	0.6000	87.51	7.870	1.035	4			0
391.00	Narasin, LC-PCD (mg/kg (ppm))	0668	92.05	0.1000	87.51	7.870	1.035	4			0
391.00	Narasin, LC-PCD (mg/kg (ppm))	0218	95.72	1.342	87.51	7.870	1.035	4			0
391.01	Narasin, LC (mg/kg (ppm))	0610	108.0	2.000				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	
391.03	Narasin, LC-MS/MS (mg/kg (ppm))	2113	0.3450	0.0100	99.38	46.30	4.012	6	-2.14	50%	0
391.03	Narasin, LC-MS/MS (mg/kg (ppm))	2055	82.00	6.000	99.38	46.30	4.012	6	-0.38	9%	0
391.03	Narasin, LC-MS/MS (mg/kg (ppm))	0038	101.7	5.930	99.38	46.30	4.012	6	0.05	1%	0
391.03	Narasin, LC-MS/MS (mg/kg (ppm))	0610	104.2	1.030	99.38	46.30	4.012	6	0.10	2%	0
391.03	Narasin, LC-MS/MS (mg/kg (ppm))	2234	137.5	3.200	99.38	46.30	4.012	6	0.82	19%	0
391.03	Narasin, LC-MS/MS (mg/kg (ppm))	0941	141.0	7.900	99.38	46.30	4.012	6	0.90	21%	0
391.99	Narasin, Miscellaneous (mg/kg (ppm))	0910	90.35	0.7000				2			0
391.99	Narasin, Miscellaneous (mg/kg (ppm))	0668	93.25	0.9000				2			0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.5518	0.0014	0.5661	0.0133	0.0010	6	-1.07	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.5581	0.0006	0.5661	0.0133	0.0010	6	-0.60	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.5637	0.0013	0.5661	0.0133	0.0010	6	-0.18	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.5670	0.0020	0.5661	0.0133	0.0010	6	0.07	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0668	0.5700	0.0000	0.5661	0.0133	0.0010	6	0.29	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5921	0.0009	0.5661	0.0133	0.0010	6	1.95	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.5580	0.0080	0.5661	0.0133	0.0010	6	-0.61	1%	1
400.99	Water Activity, Miscellaneous (Units)	0843	0.5490	0.0000				3			0
400.99	Water Activity, Miscellaneous (Units)	2033	0.5540	0.0020				3			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.5880	0.0040				3			0
412.01	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	26.47	0.1300				1			0
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0045	0.1090	0.0120				3			0
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0904	0.1100	0.0600				3			0
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0171	0.1155	0.0050				3			0
516.43	Arsenic, Total, ICP, Microwave (mg / kg (ppm))	0407	1.114	0.0257				1			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.1000	0.0200				1			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.1235	0.0050				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.1350	0.0280				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.1787	0.0136				3			0
518.31	Cadmium, AAS, Dry ash (mg / kg (ppm))	0689	< 0.2					0			5
518.34	Cadmium, AAS, Graphite furnace (mg / kg (ppm))	2246	0.2300	0.0200				1			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0695	0.0845	0.0050				3			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0407	0.1089	0.0015				3			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.1130	0.0020				3			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0968	0.1020	0.0020				2			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0407	0.1088	0.0105				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.1050	0.0100				1			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.1117	0.0052				3			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.1125	0.0030				3			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.1315	0.0390				3			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0407	3.995	0.0100				2			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	4.561	0.1560				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0685	4.370	0.0200				3			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	5.070	0.2200				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			
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	2053	5.235	0.0900				3		0	
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	5.451	1.121				3		1	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0968	2.181	0.1000				3		0	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0407	5.298	0.2050				3		0	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	5.745	0.1100				3		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.437	0.1407				3		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0164	5.260	0.3600				3		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	5.790	0.7000				3		0	
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0689	< 0.2					0		5	
526.34	Lead, AAS, Graphite furnace (mg / kg (ppm))	2246	0.9700	0.0000				1		0	
526.34	Lead, AAS, Graphite furnace (mg / kg (ppm))	0904	< 0.3					1		5	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.1275	0.0150				3		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0407	0.2223	0.0126				3		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	2152	0.2500	0.0200				3		0	
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0407	0.2436	0.1683				1		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.1850	0.0100				1		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.1825	0.0090				3		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.1880	0.0100				3		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.1909	0.0034				3		0	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0407	3.040	0.0435				2		0	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	3.677	0.0110				2		0	
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0407	3.231	0.3856				2		0	
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0941	3.386	0.0000				2		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	3.795	0.1900				2		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	4.699	0.5158				2		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.0035	0.0010				1		0	
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0619	0.0015	0.0010				1		0	
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.0000	0.0000				0		4	
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.0010	0.0000				1		0	
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	0619	0.0115	0.0230				0		4	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0676	0.0000	0.0000				0		4	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0226	< 0.005					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0164	< 0.02					0		5	
714.01	Myristic Acid (14:0) , Direct Methylation by Alkali Hydrolysi	0619	0.0340	0.0000				1		0	
714.99	Myristic Acid (14:0) , Miscellaneous (%) (w/w)	0226	0.0210	0.0000				2		0	
714.99	Myristic Acid (14:0) , Miscellaneous (%) (w/w)	0164	0.0300	0.0000				2		0	
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi:	0619	0.8930	0.0060				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w)	0226	0.7510	0.0080				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w)	0164	0.7700	0.0000				2		0	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.0460	0.0000				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0676	0.0340	0.0000				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0226	0.0390	0.0000				3		0	

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718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	0.0400	0.0000				3		0	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	0.2380	0.0020				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.2600	0.0000				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.2670	0.0000				2		0	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysis	0619	1.275	0.0100				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	1.047	0.0120				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	1.100	0.0000				2		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hydrolysis	0619	1.775	0.0100				1		0	
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alkali	0148	1.425	0.0300				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	1.405	0.0100				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.418	0.0040				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	1.676	0.0250				3		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.0815	0.0010				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.0820	0.0000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	0.0900	0.0000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.1085	0.0030				3		0	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydrolysis	0619	0.0380	0.0000				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0130	0.0000				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydrolysis	0619	0.0405	0.0010				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	0.0200	0.0000				2		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0240	0.0020				2		0	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	0619	0.0000	0.0000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0676	0.0070	0.0020				1		0	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkali Hydrolysis	0619	0.0000	0.0000				0		4	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Direct Methylation	0619	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0080	0.0000				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydrolysis	0619	0.0000	0.0000				0		4	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5)	0619	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0090	0.0000				1		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0619	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali Hydrolysis	0619	0.0000	0.0000				0		4	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0		5	
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation	0148	0.0900	0.0000				1		0	

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754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous	0164	0.0900	0.0000				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous	0676	0.1100	0.0000				2		0	
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct Method	0148	1.430	0.0400				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous	0164	1.410	0.0000				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous	0676	1.695	0.0300				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.110	0.0000				1		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.160	0.0000				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.505	0.0100				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	3.965	0.0100				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	3.679	0.0260				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	3.795	0.0100				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.