



**AAFCO**  
Proficiency Testing Program



**Animal Feed Scheme**

**Cattle Feed, Medicated**

**Test Material Code # 202028**

**# Labs Reporting: 184**

**# Methods Reported 408**

**Issue Date : 09/30/2020**

**Method Proficiency Testing Report**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.5000	0.0000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.306	0.1380				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.340	0.0000				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.385	0.0980				3			0
001.03	Loss on Drying, Low temp. methods (%)	0878	8.820	0.0400	9.272	0.3117	0.0273	6	-1.45	2%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	9.115	0.0100	9.272	0.3117	0.0273	6	-0.50	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	9.253	0.0635	9.272	0.3117	0.0273	6	-0.06	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.385	0.0300	9.272	0.3117	0.0273	6	0.36	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2295	9.495	0.0100	9.272	0.3117	0.0273	6	0.71	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	9.565	0.0100	9.272	0.3117	0.0273	6	0.94	2%	0
001.03	Loss on Drying, Low temp. methods (%)	0843	9.320	0.3600	9.272	0.3117	0.0273	6	0.15	0%	1
001.05	Loss on Drying, LECO (%)	0644	9.244	0.0090				2			0
001.05	Loss on Drying, LECO (%)	0968	10.09	0.0400				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	8.700	0.2000	9.303	0.2167	0.1013	47	-2.78	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	8.703	0.3490	9.303	0.2167	0.1013	47	-2.77	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	8.870	0.1340	9.303	0.2167	0.1013	47	-2.00	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.940	0.0200	9.303	0.2167	0.1013	47	-1.67	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	8.975	0.0100	9.303	0.2167	0.1013	47	-1.51	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.980	0.0600	9.303	0.2167	0.1013	47	-1.49	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	8.995	0.0700	9.303	0.2167	0.1013	47	-1.42	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	9.020	0.0000	9.303	0.2167	0.1013	47	-1.30	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.040	0.0400	9.303	0.2167	0.1013	47	-1.21	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	9.130	0.0600	9.303	0.2167	0.1013	47	-0.80	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	9.156	0.0160	9.303	0.2167	0.1013	47	-0.68	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.190	0.0200	9.303	0.2167	0.1013	47	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.205	0.0900	9.303	0.2167	0.1013	47	-0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.210	0.1200	9.303	0.2167	0.1013	47	-0.43	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0027	9.259	0.0190	9.303	0.2167	0.1013	47	-0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	9.285	0.0100	9.303	0.2167	0.1013	47	-0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	9.290	0.0800	9.303	0.2167	0.1013	47	-0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	9.300	0.0200	9.303	0.2167	0.1013	47	-0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.300	0.0000	9.303	0.2167	0.1013	47	-0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	9.305	0.0900	9.303	0.2167	0.1013	47	0.01	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	9.305	0.1500	9.303	0.2167	0.1013	47	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.320	0.3600	9.303	0.2167	0.1013	47	0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.321	0.5350	9.303	0.2167	0.1013	47	0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.325	0.0300	9.303	0.2167	0.1013	47	0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	9.335	0.1100	9.303	0.2167	0.1013	47	0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.335	0.2100	9.303	0.2167	0.1013	47	0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	9.335	0.1100	9.303	0.2167	0.1013	47	0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	9.335	0.0100	9.303	0.2167	0.1013	47	0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.350	0.1400	9.303	0.2167	0.1013	47	0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.355	0.0100	9.303	0.2167	0.1013	47	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.375	0.0100	9.303	0.2167	0.1013	47	0.33	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.400	0.0000	9.303	0.2167	0.1013	47	0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	9.410	0.1263	9.303	0.2167	0.1013	47	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.415	0.1700	9.303	0.2167	0.1013	47	0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.430	0.0200	9.303	0.2167	0.1013	47	0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	9.440	0.1200	9.303	0.2167	0.1013	47	0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.450	0.0400	9.303	0.2167	0.1013	47	0.68	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	9.465	0.0900	9.303	0.2167	0.1013	47	0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	9.485	0.1900	9.303	0.2167	0.1013	47	0.84	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	9.490	0.0000	9.303	0.2167	0.1013	47	0.86	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	9.515	0.0300	9.303	0.2167	0.1013	47	0.98	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.535	0.0900	9.303	0.2167	0.1013	47	1.07	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.545	0.3300	9.303	0.2167	0.1013	47	1.12	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	9.550	0.0400	9.303	0.2167	0.1013	47	1.14	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.600	0.1600	9.303	0.2167	0.1013	47	1.37	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	9.765	0.0700	9.303	0.2167	0.1013	47	2.13	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	9.800	0.2000	9.303	0.2167	0.1013	47	2.29	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	9.900	1.000	9.303	0.2167	0.1013	47	2.76	3%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	6.300	0.0000	9.303	0.2167	0.1013	47	-13.86	16%	2
001.99	Loss on Drying, Miscellaneous (%)	0618	7.645	0.3300	9.315	0.3182	0.0981	19	-5.25	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	8.630	0.0600	9.315	0.3182	0.0981	19	-2.15	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	9.000	0.0000	9.315	0.3182	0.0981	19	-0.99	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.030	0.1800	9.315	0.3182	0.0981	19	-0.90	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	9.115	0.1100	9.315	0.3182	0.0981	19	-0.63	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	9.200	0.2000	9.315	0.3182	0.0981	19	-0.36	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	9.200	0.0000	9.315	0.3182	0.0981	19	-0.36	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	9.215	0.1100	9.315	0.3182	0.0981	19	-0.32	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.300	0.0000	9.315	0.3182	0.0981	19	-0.05	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.325	0.0100	9.315	0.3182	0.0981	19	0.03	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	9.345	0.2700	9.315	0.3182	0.0981	19	0.09	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	9.410	0.1800	9.315	0.3182	0.0981	19	0.30	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	9.440	0.0000	9.315	0.3182	0.0981	19	0.39	1%	0

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001.99	Loss on Drying, Miscellaneous (%)	0357	9.455	0.0232	9.315	0.3182	0.0981	19	0.44	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	9.455	0.2700	9.315	0.3182	0.0981	19	0.44	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	9.605	0.0900	9.315	0.3182	0.0981	19	0.91	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	9.650	0.0000	9.315	0.3182	0.0981	19	1.05	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	9.780	0.0000	9.315	0.3182	0.0981	19	1.46	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	9.955	0.0300	9.315	0.3182	0.0981	19	2.01	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	13.16	5.850	9.315	0.3182	0.0981	19	12.06	21%	1
002.00	Protein, Crude, Crude (%)	0169	14.88	0.1700				1			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2322	14.18	0.0400	14.66	0.2843	0.1008	18	-1.70	2%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0199	14.31	0.0600	14.66	0.2843	0.1008	18	-1.25	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2143	14.35	0.0500	14.66	0.2843	0.1008	18	-1.12	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0652	14.45	0.3000	14.66	0.2843	0.1008	18	-0.75	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	14.50	0.2000	14.66	0.2843	0.1008	18	-0.58	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	14.57	0.0000	14.66	0.2843	0.1008	18	-0.33	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	14.60	0.0200	14.66	0.2843	0.1008	18	-0.23	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0860	14.61	0.0000	14.66	0.2843	0.1008	18	-0.19	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2325	14.63	0.0600	14.66	0.2843	0.1008	18	-0.12	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	14.65	0.0500	14.66	0.2843	0.1008	18	-0.05	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0164	14.72	0.1800	14.66	0.2843	0.1008	18	0.20	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	14.73	0.0100	14.66	0.2843	0.1008	18	0.21	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0610	14.75	0.1000	14.66	0.2843	0.1008	18	0.30	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0656	14.75	0.0000	14.66	0.2843	0.1008	18	0.30	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0914	14.93	0.2400	14.66	0.2843	0.1008	18	0.93	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2259	15.00	0.2150	14.66	0.2843	0.1008	18	1.18	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	15.23	0.2700	14.66	0.2843	0.1008	18	1.97	2%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0685	15.89	0.0200	14.66	0.2843	0.1008	18	4.31	4%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	14.57	0.1300				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	8.700	0.0000				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0728	14.59	0.0800				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	14.12	0.2700	14.59	0.1747	0.1109	29	-2.70	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2291	14.13	0.0100	14.59	0.1747	0.1109	29	-2.64	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0581	14.17	0.0400	14.59	0.1747	0.1109	29	-2.38	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2062	14.34	0.1819	14.59	0.1747	0.1109	29	-1.42	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	14.35	0.0149	14.59	0.1747	0.1109	29	-1.37	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	14.42	0.0238	14.59	0.1747	0.1109	29	-0.93	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	14.46	0.0200	14.59	0.1747	0.1109	29	-0.72	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	14.53	0.0400	14.59	0.1747	0.1109	29	-0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	14.53	0.3600	14.59	0.1747	0.1109	29	-0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0893	14.54	0.0200	14.59	0.1747	0.1109	29	-0.27	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	14.55	0.0200	14.59	0.1747	0.1109	29	-0.21	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	14.59	0.4500	14.59	0.1747	0.1109	29	-0.01	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	14.60	0.0300	14.59	0.1747	0.1109	29	0.05	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	14.60	0.0050	14.59	0.1747	0.1109	29	0.09	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	14.62	0.1100	14.59	0.1747	0.1109	29	0.16	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	14.62	0.1000	14.59	0.1747	0.1109	29	0.19	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	14.64	0.2000	14.59	0.1747	0.1109	29	0.31	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	14.64	0.0200	14.59	0.1747	0.1109	29	0.31	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	14.65	0.1000	14.59	0.1747	0.1109	29	0.36	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	14.65	0.1000	14.59	0.1747	0.1109	29	0.36	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2295	14.67	0.0100	14.59	0.1747	0.1109	29	0.45	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	14.68	0.4200	14.59	0.1747	0.1109	29	0.54	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	14.69	0.0300	14.59	0.1747	0.1109	29	0.56	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	14.70	0.1500	14.59	0.1747	0.1109	29	0.62	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	14.73	0.0700	14.59	0.1747	0.1109	29	0.79	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	14.78	0.0200	14.59	0.1747	0.1109	29	1.11	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	14.80	0.1800	14.59	0.1747	0.1109	29	1.22	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	14.84	0.0600	14.59	0.1747	0.1109	29	1.45	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2012	15.01	0.1600	14.59	0.1747	0.1109	29	2.42	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	17.30	0.0200	14.59	0.1747	0.1109	29	15.53	9%	2
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2246	13.98	0.3200	14.86	0.2901	0.1850	114	-3.02	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	14.01	0.2700	14.86	0.2901	0.1850	114	-2.93	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	14.17	0.1000	14.86	0.2901	0.1850	114	-2.36	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	14.21	0.1900	14.86	0.2901	0.1850	114	-2.24	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	14.25	0.3000	14.86	0.2901	0.1850	114	-2.09	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	14.31	0.2070	14.86	0.2901	0.1850	114	-1.90	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	14.32	0.0540	14.86	0.2901	0.1850	114	-1.85	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	14.36	0.6300	14.86	0.2901	0.1850	114	-1.73	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	14.40	0.0000	14.86	0.2901	0.1850	114	-1.57	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	14.41	0.0000	14.86	0.2901	0.1850	114	-1.54	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	14.45	0.0500	14.86	0.2901	0.1850	114	-1.42	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	14.45	0.3000	14.86	0.2901	0.1850	114	-1.40	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	14.45	0.3800	14.86	0.2901	0.1850	114	-1.40	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	14.50	0.0000	14.86	0.2901	0.1850	114	-1.23	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	14.55	0.5000	14.86	0.2901	0.1850	114	-1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	14.58	0.1400	14.86	0.2901	0.1850	114	-0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	14.59	0.0625	14.86	0.2901	0.1850	114	-0.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	14.60	0.1087	14.86	0.2901	0.1850	114	-0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	14.60	0.0000	14.86	0.2901	0.1850	114	-0.88	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	14.60	0.4170	14.86	0.2901	0.1850	114	-0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0006	14.61	0.4100	14.86	0.2901	0.1850	114	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	14.63	0.0200	14.86	0.2901	0.1850	114	-0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	14.63	0.4000	14.86	0.2901	0.1850	114	-0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	14.63	0.2000	14.86	0.2901	0.1850	114	-0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	14.64	0.0400	14.86	0.2901	0.1850	114	-0.74	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	14.65	0.1700	14.86	0.2901	0.1850	114	-0.73	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	14.66	0.1900	14.86	0.2901	0.1850	114	-0.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	14.66	0.2200	14.86	0.2901	0.1850	114	-0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2216	14.66	0.1600	14.86	0.2901	0.1850	114	-0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	14.67	0.1170	14.86	0.2901	0.1850	114	-0.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	14.69	0.0100	14.86	0.2901	0.1850	114	-0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	14.70	0.0300	14.86	0.2901	0.1850	114	-0.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	14.70	0.1900	14.86	0.2901	0.1850	114	-0.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	14.70	0.0000	14.86	0.2901	0.1850	114	-0.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	14.70	0.2000	14.86	0.2901	0.1850	114	-0.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	14.73	0.0000	14.86	0.2901	0.1850	114	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	14.75	0.5000	14.86	0.2901	0.1850	114	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	14.75	0.1200	14.86	0.2901	0.1850	114	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	14.75	0.1000	14.86	0.2901	0.1850	114	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	14.76	0.0230	14.86	0.2901	0.1850	114	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	14.77	0.3100	14.86	0.2901	0.1850	114	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	14.78	0.1100	14.86	0.2901	0.1850	114	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	14.80	0.0300	14.86	0.2901	0.1850	114	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	14.80	0.1100	14.86	0.2901	0.1850	114	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0199	14.80	0.0300	14.86	0.2901	0.1850	114	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	14.80	0.0300	14.86	0.2901	0.1850	114	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	14.80	0.0800	14.86	0.2901	0.1850	114	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	14.80	0.0600	14.86	0.2901	0.1850	114	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2319	14.80	0.0000	14.86	0.2901	0.1850	114	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	14.81	0.0300	14.86	0.2901	0.1850	114	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	14.81	0.0300	14.86	0.2901	0.1850	114	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	14.81	0.0800	14.86	0.2901	0.1850	114	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	14.81	0.0240	14.86	0.2901	0.1850	114	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	14.82	0.6400	14.86	0.2901	0.1850	114	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	14.84	0.7150	14.86	0.2901	0.1850	114	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	14.85	0.1000	14.86	0.2901	0.1850	114	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	14.85	0.1000	14.86	0.2901	0.1850	114	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	14.85	0.0580	14.86	0.2901	0.1850	114	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	14.86	0.0300	14.86	0.2901	0.1850	114	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	14.86	0.1000	14.86	0.2901	0.1850	114	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	14.87	0.0200	14.86	0.2901	0.1850	114	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	14.88	0.1300	14.86	0.2901	0.1850	114	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2302	14.88	0.0700	14.86	0.2901	0.1850	114	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	14.88	0.0200	14.86	0.2901	0.1850	114	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	14.89	0.1500	14.86	0.2901	0.1850	114	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	14.89	0.0800	14.86	0.2901	0.1850	114	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	14.90	0.2400	14.86	0.2901	0.1850	114	0.15	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	14.90	0.1343	14.86	0.2901	0.1850	114	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	14.93	0.3500	14.86	0.2901	0.1850	114	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	14.93	0.2050	14.86	0.2901	0.1850	114	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0941	14.94	0.1000	14.86	0.2901	0.1850	114	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	14.94	0.3910	14.86	0.2901	0.1850	114	0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	14.95	0.1300	14.86	0.2901	0.1850	114	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	14.95	0.5000	14.86	0.2901	0.1850	114	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	14.95	0.1000	14.86	0.2901	0.1850	114	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2053	14.95	0.3000	14.86	0.2901	0.1850	114	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	14.96	0.0200	14.86	0.2901	0.1850	114	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	14.97	0.0250	14.86	0.2901	0.1850	114	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	14.99	0.2500	14.86	0.2901	0.1850	114	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	14.99	0.1700	14.86	0.2901	0.1850	114	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	15.00	0.0100	14.86	0.2901	0.1850	114	0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	15.00	0.0000	14.86	0.2901	0.1850	114	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	15.01	0.1300	14.86	0.2901	0.1850	114	0.51	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	15.01	0.4400	14.86	0.2901	0.1850	114	0.53	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	15.02	0.2700	14.86	0.2901	0.1850	114	0.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0646	15.03	0.1100	14.86	0.2901	0.1850	114	0.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	15.06	0.0100	14.86	0.2901	0.1850	114	0.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0512	15.06	0.1700	14.86	0.2901	0.1850	114	0.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	15.08	0.3446	14.86	0.2901	0.1850	114	0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	15.09	0.3300	14.86	0.2901	0.1850	114	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0656	15.09	0.0000	14.86	0.2901	0.1850	114	0.81	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	15.10	0.9500	14.86	0.2901	0.1850	114	0.82	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	15.10	0.2000	14.86	0.2901	0.1850	114	0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2012	15.12	0.2300	14.86	0.2901	0.1850	114	0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	15.13	0.1400	14.86	0.2901	0.1850	114	0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	15.13	0.8000	14.86	0.2901	0.1850	114	0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	15.15	0.3100	14.86	0.2901	0.1850	114	1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	15.15	0.0100	14.86	0.2901	0.1850	114	1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	15.18	0.0000	14.86	0.2901	0.1850	114	1.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	15.19	0.0000	14.86	0.2901	0.1850	114	1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	15.20	0.2000	14.86	0.2901	0.1850	114	1.19	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	15.26	0.0700	14.86	0.2901	0.1850	114	1.38	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	15.27	0.1900	14.86	0.2901	0.1850	114	1.41	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	15.30	0.2000	14.86	0.2901	0.1850	114	1.53	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	15.30	0.2000	14.86	0.2901	0.1850	114	1.53	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	15.35	0.0800	14.86	0.2901	0.1850	114	1.70	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	15.36	0.0100	14.86	0.2901	0.1850	114	1.72	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	15.39	0.0200	14.86	0.2901	0.1850	114	1.84	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	15.41	0.1190	14.86	0.2901	0.1850	114	1.91	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	15.45	0.6700	14.86	0.2901	0.1850	114	2.03	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	15.45	0.9000	14.86	0.2901	0.1850	114	2.05	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	15.45	0.1000	14.86	0.2901	0.1850	114	2.05	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	15.54	0.2700	14.86	0.2901	0.1850	114	2.34	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2178	15.71	0.4200	14.86	0.2901	0.1850	114	2.94	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	14.06	1.080	14.86	0.2901	0.1850	114	-2.74	3%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0013	15.59	1.450	14.86	0.2901	0.1850	114	2.51	2%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	15.94	1.140	14.86	0.2901	0.1850	114	3.74	4%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	19.89	0.0600	14.86	0.2901	0.1850	114	17.35	17%	2
002.08	Protein, Crude, Cu/Ti (%)	0098	14.72	0.1100				1			0
002.11	Protein, Crude, NIR (%)	0852	16.42	0.0000	17.90	1.910	0.0425	4			0
002.11	Protein, Crude, NIR (%)	0889	16.55	0.0400	17.90	1.910	0.0425	4			0
002.11	Protein, Crude, NIR (%)	0011	18.10	0.0000	17.90	1.910	0.0425	4			0
002.11	Protein, Crude, NIR (%)	0297	20.53	0.1300	17.90	1.910	0.0425	4			0
002.11	Protein, Crude, NIR (%)	0553	15.42	0.7700	17.90	1.910	0.0425	4			1
002.99	Protein, Crude, Miscellaneous (%)	0643	14.24	0.0200				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	3.464	0.0378	4.210	0.3936	0.1176	11	-1.90	9%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0142	3.805	0.1100	4.210	0.3936	0.1176	11	-1.03	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	3.955	0.0500	4.210	0.3936	0.1176	11	-0.65	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2325	4.065	0.0700	4.210	0.3936	0.1176	11	-0.37	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	4.170	0.0200	4.210	0.3936	0.1176	11	-0.10	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	4.200	0.0800	4.210	0.3936	0.1176	11	-0.03	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	4.279	0.1255	4.210	0.3936	0.1176	11	0.18	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2053	4.365	0.0100	4.210	0.3936	0.1176	11	0.39	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	4.400	0.4000	4.210	0.3936	0.1176	11	0.48	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	4.650	0.1000	4.210	0.3936	0.1176	11	1.12	5%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2144	4.895	0.2900	4.210	0.3936	0.1176	11	1.74	8%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	4.420	0.3400				1			0
003.06	Fat, Crude, Pet Ether (%)	0297	2.685	0.4300	4.095	0.3202	0.1156	17	-4.40	17%	0
003.06	Fat, Crude, Pet Ether (%)	2268	3.520	0.5600	4.095	0.3202	0.1156	17	-1.80	7%	0
003.06	Fat, Crude, Pet Ether (%)	2295	3.805	0.0100	4.095	0.3202	0.1156	17	-0.91	4%	0
003.06	Fat, Crude, Pet Ether (%)	0425	3.865	0.0300	4.095	0.3202	0.1156	17	-0.72	3%	0
003.06	Fat, Crude, Pet Ether (%)	0229	3.950	0.4000	4.095	0.3202	0.1156	17	-0.45	2%	0
003.06	Fat, Crude, Pet Ether (%)	2181	3.995	0.0900	4.095	0.3202	0.1156	17	-0.31	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	4.000	0.0000	4.095	0.3202	0.1156	17	-0.30	1%	0
003.06	Fat, Crude, Pet Ether (%)	0169	4.065	0.0100	4.095	0.3202	0.1156	17	-0.09	0%	0
003.06	Fat, Crude, Pet Ether (%)	0884	4.100	0.0000	4.095	0.3202	0.1156	17	0.02	0%	0
003.06	Fat, Crude, Pet Ether (%)	0644	4.114	0.0260	4.095	0.3202	0.1156	17	0.06	0%	0
003.06	Fat, Crude, Pet Ether (%)	0683	4.120	0.1600	4.095	0.3202	0.1156	17	0.08	0%	0
003.06	Fat, Crude, Pet Ether (%)	0910	4.225	0.0300	4.095	0.3202	0.1156	17	0.41	2%	0
003.06	Fat, Crude, Pet Ether (%)	0199	4.261	0.1000	4.095	0.3202	0.1156	17	0.52	2%	0
003.06	Fat, Crude, Pet Ether (%)	0294	4.360	0.0200	4.095	0.3202	0.1156	17	0.83	3%	0

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003.06	Fat, Crude, Pet Ether (%)	0687	4.450	0.1000	4.095	0.3202	0.1156	17	1.11	4%	0
003.06	Fat, Crude, Pet Ether (%)	0682	4.500	0.0000	4.095	0.3202	0.1156	17	1.26	5%	0
003.06	Fat, Crude, Pet Ether (%)	0656	4.630	0.0000	4.095	0.3202	0.1156	17	1.67	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	3.745	0.0900	4.345	0.4599	0.1078	14	-1.31	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0512	3.914	0.2360	4.345	0.4599	0.1078	14	-0.94	5%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	4.035	0.0500	4.345	0.4599	0.1078	14	-0.67	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2012	4.070	0.1000	4.345	0.4599	0.1078	14	-0.60	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	4.115	0.0100	4.345	0.4599	0.1078	14	-0.50	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	4.125	0.1100	4.345	0.4599	0.1078	14	-0.48	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	4.130	0.0000	4.345	0.4599	0.1078	14	-0.47	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	4.245	0.0700	4.345	0.4599	0.1078	14	-0.22	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	4.395	0.0100	4.345	0.4599	0.1078	14	0.11	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	4.500	0.2000	4.345	0.4599	0.1078	14	0.34	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	4.730	0.2800	4.345	0.4599	0.1078	14	0.84	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	4.870	0.0200	4.345	0.4599	0.1078	14	1.14	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	4.925	0.0700	4.345	0.4599	0.1078	14	1.26	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	5.366	0.2635	4.345	0.4599	0.1078	14	2.22	12%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	3.370	0.1000	3.932	0.2021	0.1003	28	-2.78	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	3.635	0.0100	3.932	0.2021	0.1003	28	-1.47	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	3.650	0.3200	3.932	0.2021	0.1003	28	-1.40	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	3.660	0.0200	3.932	0.2021	0.1003	28	-1.35	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	3.713	0.0660	3.932	0.2021	0.1003	28	-1.08	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	3.830	0.0000	3.932	0.2021	0.1003	28	-0.50	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	3.875	0.2700	3.932	0.2021	0.1003	28	-0.28	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	3.880	0.1800	3.932	0.2021	0.1003	28	-0.26	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	3.885	0.0900	3.932	0.2021	0.1003	28	-0.23	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	3.887	0.0042	3.932	0.2021	0.1003	28	-0.22	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	3.905	0.1940	3.932	0.2021	0.1003	28	-0.13	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	3.905	0.1300	3.932	0.2021	0.1003	28	-0.13	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	3.913	0.0142	3.932	0.2021	0.1003	28	-0.09	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	3.915	0.1100	3.932	0.2021	0.1003	28	-0.08	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	3.925	0.2500	3.932	0.2021	0.1003	28	-0.03	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	3.930	0.0600	3.932	0.2021	0.1003	28	-0.01	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	3.940	0.2600	3.932	0.2021	0.1003	28	0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	3.950	0.1000	3.932	0.2021	0.1003	28	0.09	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	3.950	0.1000	3.932	0.2021	0.1003	28	0.09	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	3.953	0.0100	3.932	0.2021	0.1003	28	0.10	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0728	3.955	0.0100	3.932	0.2021	0.1003	28	0.11	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	4.022	0.2090	3.932	0.2021	0.1003	28	0.44	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	4.100	0.0000	3.932	0.2021	0.1003	28	0.83	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0553	4.150	0.1400	3.932	0.2021	0.1003	28	1.08	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	4.245	0.0500	3.932	0.2021	0.1003	28	1.55	4%	0



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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	4.245	0.0300	3.932	0.2021	0.1003	28	1.55	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	4.530	0.0800	3.932	0.2021	0.1003	28	2.96	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	4.650	0.0000	3.932	0.2021	0.1003	28	3.55	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	4.123	1.387	3.932	0.2021	0.1003	28	0.94	2%	1
003.11	Fat, Crude, NIR (%)	0297	2.750	0.0000	4.175	1.024	0.0580	5			0
003.11	Fat, Crude, NIR (%)	0011	4.100	0.0000	4.175	1.024	0.0580	5			0
003.11	Fat, Crude, NIR (%)	0553	4.180	0.1800	4.175	1.024	0.0580	5			0
003.11	Fat, Crude, NIR (%)	0889	4.200	0.0400	4.175	1.024	0.0580	5			0
003.11	Fat, Crude, NIR (%)	0852	5.645	0.0700	4.175	1.024	0.0580	5			0
003.12	Fat, Crude, Hexane Ext (%)	0171	3.885	0.0300				2			0
003.12	Fat, Crude, Hexane Ext (%)	0893	4.590	0.0200				2			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0033	3.915	0.0300	4.108	0.1834	0.0398	8	-1.05	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	3.975	0.0900	4.108	0.1834	0.0398	8	-0.72	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	3.985	0.0300	4.108	0.1834	0.0398	8	-0.67	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	4.020	0.0400	4.108	0.1834	0.0398	8	-0.48	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	4.125	0.0300	4.108	0.1834	0.0398	8	0.09	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2291	4.220	0.0200	4.108	0.1834	0.0398	8	0.61	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	4.238	0.0383	4.108	0.1834	0.0398	8	0.71	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	6.980	0.0400	4.108	0.1834	0.0398	8	15.66	35%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	4.490	0.4600	4.108	0.1834	0.0398	8	2.09	5%	1
003.14	Fat, Crude, Ankom (%)	2129	3.265	0.2800	3.950	0.2899	0.1240	58	-2.36	9%	0
003.14	Fat, Crude, Ankom (%)	0265	3.345	0.0300	3.950	0.2899	0.1240	58	-2.09	8%	0
003.14	Fat, Crude, Ankom (%)	2302	3.485	0.0900	3.950	0.2899	0.1240	58	-1.60	6%	0
003.14	Fat, Crude, Ankom (%)	0876	3.550	0.1000	3.950	0.2899	0.1240	58	-1.38	5%	0
003.14	Fat, Crude, Ankom (%)	0692	3.600	0.2000	3.950	0.2899	0.1240	58	-1.21	4%	0
003.14	Fat, Crude, Ankom (%)	0520	3.605	0.1300	3.950	0.2899	0.1240	58	-1.19	4%	0
003.14	Fat, Crude, Ankom (%)	0574	3.630	0.1200	3.950	0.2899	0.1240	58	-1.10	4%	0
003.14	Fat, Crude, Ankom (%)	0853	3.650	0.1000	3.950	0.2899	0.1240	58	-1.03	4%	0
003.14	Fat, Crude, Ankom (%)	0358	3.680	0.0400	3.950	0.2899	0.1240	58	-0.93	3%	0
003.14	Fat, Crude, Ankom (%)	0357	3.700	0.2000	3.950	0.2899	0.1240	58	-0.86	3%	0
003.14	Fat, Crude, Ankom (%)	0529	3.710	0.0800	3.950	0.2899	0.1240	58	-0.83	3%	0
003.14	Fat, Crude, Ankom (%)	0019	3.720	0.1200	3.950	0.2899	0.1240	58	-0.79	3%	0
003.14	Fat, Crude, Ankom (%)	0848	3.720	0.0600	3.950	0.2899	0.1240	58	-0.79	3%	0
003.14	Fat, Crude, Ankom (%)	0186	3.725	0.0100	3.950	0.2899	0.1240	58	-0.78	3%	0
003.14	Fat, Crude, Ankom (%)	0037	3.730	0.0200	3.950	0.2899	0.1240	58	-0.76	3%	0
003.14	Fat, Crude, Ankom (%)	0175	3.750	0.1000	3.950	0.2899	0.1240	58	-0.69	3%	0
003.14	Fat, Crude, Ankom (%)	0202	3.750	0.0400	3.950	0.2899	0.1240	58	-0.69	3%	0
003.14	Fat, Crude, Ankom (%)	0956	3.750	0.1000	3.950	0.2899	0.1240	58	-0.69	3%	0
003.14	Fat, Crude, Ankom (%)	0878	3.810	0.0400	3.950	0.2899	0.1240	58	-0.48	2%	0
003.14	Fat, Crude, Ankom (%)	0083	3.835	0.0300	3.950	0.2899	0.1240	58	-0.40	1%	0
003.14	Fat, Crude, Ankom (%)	0968	3.850	0.0200	3.950	0.2899	0.1240	58	-0.34	1%	0
003.14	Fat, Crude, Ankom (%)	0144	3.850	0.0400	3.950	0.2899	0.1240	58	-0.34	1%	0

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003.14	Fat, Crude, Ankom (%)	0034	3.870	0.0800	3.950	0.2899	0.1240	58	-0.28	1%	0
003.14	Fat, Crude, Ankom (%)	0298	3.870	0.0200	3.950	0.2899	0.1240	58	-0.28	1%	0
003.14	Fat, Crude, Ankom (%)	0581	3.870	0.1200	3.950	0.2899	0.1240	58	-0.28	1%	0
003.14	Fat, Crude, Ankom (%)	0511	3.920	0.0400	3.950	0.2899	0.1240	58	-0.10	0%	0
003.14	Fat, Crude, Ankom (%)	2076	3.921	0.1402	3.950	0.2899	0.1240	58	-0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0939	3.940	0.2400	3.950	0.2899	0.1240	58	-0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0505	3.950	0.4600	3.950	0.2899	0.1240	58	0.00	0%	0
003.14	Fat, Crude, Ankom (%)	0868	3.960	0.1600	3.950	0.2899	0.1240	58	0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0108	3.975	0.1900	3.950	0.2899	0.1240	58	0.09	0%	0
003.14	Fat, Crude, Ankom (%)	0074	3.980	0.2800	3.950	0.2899	0.1240	58	0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0598	3.985	0.0100	3.950	0.2899	0.1240	58	0.12	0%	0
003.14	Fat, Crude, Ankom (%)	0675	3.985	0.0900	3.950	0.2899	0.1240	58	0.12	0%	0
003.14	Fat, Crude, Ankom (%)	0229	4.000	0.1600	3.950	0.2899	0.1240	58	0.17	1%	0
003.14	Fat, Crude, Ankom (%)	0148	4.010	0.0400	3.950	0.2899	0.1240	58	0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0619	4.010	0.0800	3.950	0.2899	0.1240	58	0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0035	4.020	0.1000	3.950	0.2899	0.1240	58	0.24	1%	0
003.14	Fat, Crude, Ankom (%)	0009	4.040	0.1200	3.950	0.2899	0.1240	58	0.31	1%	0
003.14	Fat, Crude, Ankom (%)	0948	4.055	0.0100	3.950	0.2899	0.1240	58	0.36	1%	0
003.14	Fat, Crude, Ankom (%)	0089	4.060	0.0600	3.950	0.2899	0.1240	58	0.38	1%	0
003.14	Fat, Crude, Ankom (%)	0004	4.090	0.1000	3.950	0.2899	0.1240	58	0.48	2%	0
003.14	Fat, Crude, Ankom (%)	2146	4.105	0.0700	3.950	0.2899	0.1240	58	0.54	2%	0
003.14	Fat, Crude, Ankom (%)	0682	4.120	0.0000	3.950	0.2899	0.1240	58	0.59	2%	0
003.14	Fat, Crude, Ankom (%)	0860	4.120	0.0000	3.950	0.2899	0.1240	58	0.59	2%	0
003.14	Fat, Crude, Ankom (%)	0843	4.125	0.4500	3.950	0.2899	0.1240	58	0.60	2%	0
003.14	Fat, Crude, Ankom (%)	2144	4.180	0.2000	3.950	0.2899	0.1240	58	0.79	3%	0
003.14	Fat, Crude, Ankom (%)	0001	4.194	0.0350	3.950	0.2899	0.1240	58	0.84	3%	0
003.14	Fat, Crude, Ankom (%)	0049	4.290	0.2000	3.950	0.2899	0.1240	58	1.17	4%	0
003.14	Fat, Crude, Ankom (%)	0407	4.297	0.0887	3.950	0.2899	0.1240	58	1.20	4%	0
003.14	Fat, Crude, Ankom (%)	0066	4.314	0.2570	3.950	0.2899	0.1240	58	1.25	5%	0
003.14	Fat, Crude, Ankom (%)	0683	4.370	0.2400	3.950	0.2899	0.1240	58	1.45	5%	0
003.14	Fat, Crude, Ankom (%)	0726	4.410	0.0000	3.950	0.2899	0.1240	58	1.59	6%	0
003.14	Fat, Crude, Ankom (%)	0003	4.505	0.1900	3.950	0.2899	0.1240	58	1.91	7%	0
003.14	Fat, Crude, Ankom (%)	0278	4.550	0.3000	3.950	0.2899	0.1240	58	2.07	8%	0
003.14	Fat, Crude, Ankom (%)	0190	4.675	0.4300	3.950	0.2899	0.1240	58	2.50	9%	0
003.14	Fat, Crude, Ankom (%)	2322	5.195	0.0100	3.950	0.2899	0.1240	58	4.29	16%	0
003.14	Fat, Crude, Ankom (%)	2143	5.225	0.2700	3.950	0.2899	0.1240	58	4.40	16%	0
003.99	Fat, Crude, Miscellaneous (%)	0536	3.725	0.0500				2			0
003.99	Fat, Crude, Miscellaneous (%)	0941	4.775	0.0700				2			0
004.00	Fiber, Crude, Asbestos Free (%)	2146	12.70	0.2100	15.11	1.104	0.3581	13	-2.19	8%	0
004.00	Fiber, Crude, Asbestos Free (%)	0186	14.14	0.1900	15.11	1.104	0.3581	13	-0.88	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	14.28	0.0300	15.11	1.104	0.3581	13	-0.76	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	14.55	0.1000	15.11	1.104	0.3581	13	-0.51	2%	0

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004.00	Fiber, Crude, Asbestos Free (%)	0164	14.60	0.0000	15.11	1.104	0.3581	13	-0.46	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	14.80	0.4000	15.11	1.104	0.3581	13	-0.28	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	14.95	0.1670	15.11	1.104	0.3581	13	-0.14	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	15.10	0.0000	15.11	1.104	0.3581	13	-0.01	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	15.32	0.1600	15.11	1.104	0.3581	13	0.19	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	15.95	1.300	15.11	1.104	0.3581	13	0.76	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	15.97	0.4400	15.11	1.104	0.3581	13	0.78	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	16.55	0.2100	15.11	1.104	0.3581	13	1.30	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	17.60	1.448	15.11	1.104	0.3581	13	2.26	8%	0
004.01	Fiber, Crude, Sing Filt (%)	2144	12.92	0.0400				2			0
004.01	Fiber, Crude, Sing Filt (%)	0366	13.85	1.700				2			0
004.03	Fiber, Crude, Fritted Glass (%)	0921	13.03	0.4700	14.65	1.145	0.2180	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	14.44	0.0600	14.65	1.145	0.2180	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	14.48	0.1100	14.65	1.145	0.2180	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	15.12	0.2300	14.65	1.145	0.2180	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	16.17	0.2200	14.65	1.145	0.2180	5			0
004.06	Fiber, Crude, Fibertec (%)	2295	13.79	0.0100	14.96	0.8655	0.2033	22	-1.35	4%	0
004.06	Fiber, Crude, Fibertec (%)	2022	13.96	0.0100	14.96	0.8655	0.2033	22	-1.16	3%	0
004.06	Fiber, Crude, Fibertec (%)	0968	14.24	0.0900	14.96	0.8655	0.2033	22	-0.83	2%	0
004.06	Fiber, Crude, Fibertec (%)	0610	14.30	0.2000	14.96	0.8655	0.2033	22	-0.76	2%	0
004.06	Fiber, Crude, Fibertec (%)	0098	14.41	0.0600	14.96	0.8655	0.2033	22	-0.63	2%	0
004.06	Fiber, Crude, Fibertec (%)	0885	14.43	0.0714	14.96	0.8655	0.2033	22	-0.61	2%	0
004.06	Fiber, Crude, Fibertec (%)	0868	14.44	0.0400	14.96	0.8655	0.2033	22	-0.60	2%	0
004.06	Fiber, Crude, Fibertec (%)	0689	14.50	0.4000	14.96	0.8655	0.2033	22	-0.53	2%	0
004.06	Fiber, Crude, Fibertec (%)	2325	14.50	0.0000	14.96	0.8655	0.2033	22	-0.53	2%	0
004.06	Fiber, Crude, Fibertec (%)	0027	14.65	0.3690	14.96	0.8655	0.2033	22	-0.36	1%	0
004.06	Fiber, Crude, Fibertec (%)	2319	14.65	0.1000	14.96	0.8655	0.2033	22	-0.35	1%	0
004.06	Fiber, Crude, Fibertec (%)	0897	14.71	0.0900	14.96	0.8655	0.2033	22	-0.29	1%	0
004.06	Fiber, Crude, Fibertec (%)	0199	15.01	0.1400	14.96	0.8655	0.2033	22	0.06	0%	0
004.06	Fiber, Crude, Fibertec (%)	0948	15.09	0.1000	14.96	0.8655	0.2033	22	0.15	0%	0
004.06	Fiber, Crude, Fibertec (%)	0638	15.25	0.5000	14.96	0.8655	0.2033	22	0.34	1%	0
004.06	Fiber, Crude, Fibertec (%)	0512	15.33	0.7600	14.96	0.8655	0.2033	22	0.43	1%	0
004.06	Fiber, Crude, Fibertec (%)	2062	15.38	0.2025	14.96	0.8655	0.2033	22	0.48	1%	0
004.06	Fiber, Crude, Fibertec (%)	0878	15.43	0.0100	14.96	0.8655	0.2033	22	0.54	2%	0
004.06	Fiber, Crude, Fibertec (%)	2006	16.50	0.1500	14.96	0.8655	0.2033	22	1.78	5%	0
004.06	Fiber, Crude, Fibertec (%)	2291	16.94	0.6200	14.96	0.8655	0.2033	22	2.29	7%	0
004.06	Fiber, Crude, Fibertec (%)	0676	17.07	0.5400	14.96	0.8655	0.2033	22	2.44	7%	0
004.06	Fiber, Crude, Fibertec (%)	0893	19.57	0.0100	14.96	0.8655	0.2033	22	5.32	15%	0
004.07	Fiber, Crude, ANKOM (%)	0265	12.60	0.2000	15.23	1.018	0.3612	70	-2.58	9%	0
004.07	Fiber, Crude, ANKOM (%)	2012	12.67	0.1200	15.23	1.018	0.3612	70	-2.51	8%	0
004.07	Fiber, Crude, ANKOM (%)	0644	13.29	0.3330	15.23	1.018	0.3612	70	-1.90	6%	0
004.07	Fiber, Crude, ANKOM (%)	0956	13.60	0.2000	15.23	1.018	0.3612	70	-1.60	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.07	Fiber, Crude, ANKOM (%)	0144	13.71	0.2800	15.23	1.018	0.3612	70	-1.49	5%	0
004.07	Fiber, Crude, ANKOM (%)	2143	13.78	0.0900	15.23	1.018	0.3612	70	-1.43	5%	0
004.07	Fiber, Crude, ANKOM (%)	0683	13.92	0.0600	15.23	1.018	0.3612	70	-1.29	4%	0
004.07	Fiber, Crude, ANKOM (%)	0656	14.07	0.0000	15.23	1.018	0.3612	70	-1.14	4%	0
004.07	Fiber, Crude, ANKOM (%)	2109	14.11	0.1400	15.23	1.018	0.3612	70	-1.10	4%	0
004.07	Fiber, Crude, ANKOM (%)	0726	14.19	0.0300	15.23	1.018	0.3612	70	-1.03	3%	0
004.07	Fiber, Crude, ANKOM (%)	0028	14.25	0.1000	15.23	1.018	0.3612	70	-0.96	3%	0
004.07	Fiber, Crude, ANKOM (%)	2181	14.26	0.1900	15.23	1.018	0.3612	70	-0.96	3%	0
004.07	Fiber, Crude, ANKOM (%)	0190	14.30	0.4000	15.23	1.018	0.3612	70	-0.91	3%	0
004.07	Fiber, Crude, ANKOM (%)	0598	14.38	0.0800	15.23	1.018	0.3612	70	-0.83	3%	0
004.07	Fiber, Crude, ANKOM (%)	0100	14.44	0.4300	15.23	1.018	0.3612	70	-0.78	3%	0
004.07	Fiber, Crude, ANKOM (%)	0619	14.45	0.1000	15.23	1.018	0.3612	70	-0.77	3%	0
004.07	Fiber, Crude, ANKOM (%)	0910	14.50	1.400	15.23	1.018	0.3612	70	-0.72	2%	0
004.07	Fiber, Crude, ANKOM (%)	0035	14.63	0.3400	15.23	1.018	0.3612	70	-0.59	2%	0
004.07	Fiber, Crude, ANKOM (%)	0693	14.64	0.8620	15.23	1.018	0.3612	70	-0.58	2%	0
004.07	Fiber, Crude, ANKOM (%)	0581	14.65	0.1000	15.23	1.018	0.3612	70	-0.57	2%	0
004.07	Fiber, Crude, ANKOM (%)	0098	14.67	0.3400	15.23	1.018	0.3612	70	-0.55	2%	0
004.07	Fiber, Crude, ANKOM (%)	0682	14.80	0.0000	15.23	1.018	0.3612	70	-0.42	1%	0
004.07	Fiber, Crude, ANKOM (%)	0505	14.83	0.0500	15.23	1.018	0.3612	70	-0.40	1%	0
004.07	Fiber, Crude, ANKOM (%)	2053	14.86	0.2500	15.23	1.018	0.3612	70	-0.37	1%	0
004.07	Fiber, Crude, ANKOM (%)	0229	14.97	1.190	15.23	1.018	0.3612	70	-0.26	1%	0
004.07	Fiber, Crude, ANKOM (%)	0083	15.04	0.0300	15.23	1.018	0.3612	70	-0.19	1%	0
004.07	Fiber, Crude, ANKOM (%)	0354	15.05	0.0100	15.23	1.018	0.3612	70	-0.18	1%	0
004.07	Fiber, Crude, ANKOM (%)	0968	15.06	0.2800	15.23	1.018	0.3612	70	-0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0948	15.08	0.1600	15.23	1.018	0.3612	70	-0.15	0%	0
004.07	Fiber, Crude, ANKOM (%)	0643	15.10	0.2100	15.23	1.018	0.3612	70	-0.13	0%	0
004.07	Fiber, Crude, ANKOM (%)	0589	15.10	0.7700	15.23	1.018	0.3612	70	-0.13	0%	0
004.07	Fiber, Crude, ANKOM (%)	0004	15.12	0.4300	15.23	1.018	0.3612	70	-0.11	0%	0
004.07	Fiber, Crude, ANKOM (%)	0876	15.15	1.100	15.23	1.018	0.3612	70	-0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0042	15.17	0.0900	15.23	1.018	0.3612	70	-0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0675	15.18	0.3100	15.23	1.018	0.3612	70	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0646	15.20	0.1100	15.23	1.018	0.3612	70	-0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0123	15.22	0.0400	15.23	1.018	0.3612	70	-0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0511	15.25	0.1000	15.23	1.018	0.3612	70	0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0019	15.27	1.080	15.23	1.018	0.3612	70	0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0529	15.29	0.2300	15.23	1.018	0.3612	70	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	2196	15.29	0.0000	15.23	1.018	0.3612	70	0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0590	15.33	1.350	15.23	1.018	0.3612	70	0.09	0%	0
004.07	Fiber, Crude, ANKOM (%)	2259	15.33	0.2550	15.23	1.018	0.3612	70	0.10	0%	0
004.07	Fiber, Crude, ANKOM (%)	0510	15.45	0.1000	15.23	1.018	0.3612	70	0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	0848	15.47	0.0700	15.23	1.018	0.3612	70	0.23	1%	0
004.07	Fiber, Crude, ANKOM (%)	0009	15.48	0.1700	15.23	1.018	0.3612	70	0.24	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.07	Fiber, Crude, ANKOM (%)	0860	15.48	0.0000	15.23	1.018	0.3612	70	0.25	1%	0
004.07	Fiber, Crude, ANKOM (%)	2188	15.51	0.0000	15.23	1.018	0.3612	70	0.28	1%	0
004.07	Fiber, Crude, ANKOM (%)	0692	15.55	2.100	15.23	1.018	0.3612	70	0.32	1%	0
004.07	Fiber, Crude, ANKOM (%)	0881	15.56	0.6700	15.23	1.018	0.3612	70	0.33	1%	0
004.07	Fiber, Crude, ANKOM (%)	0298	15.80	0.2000	15.23	1.018	0.3612	70	0.56	2%	0
004.07	Fiber, Crude, ANKOM (%)	0263	15.83	0.0664	15.23	1.018	0.3612	70	0.59	2%	0
004.07	Fiber, Crude, ANKOM (%)	0278	15.85	0.3000	15.23	1.018	0.3612	70	0.61	2%	0
004.07	Fiber, Crude, ANKOM (%)	0294	15.85	0.1000	15.23	1.018	0.3612	70	0.61	2%	0
004.07	Fiber, Crude, ANKOM (%)	2302	15.89	0.1500	15.23	1.018	0.3612	70	0.64	2%	0
004.07	Fiber, Crude, ANKOM (%)	0553	15.94	0.5000	15.23	1.018	0.3612	70	0.70	2%	0
004.07	Fiber, Crude, ANKOM (%)	0034	16.12	0.5200	15.23	1.018	0.3612	70	0.87	3%	0
004.07	Fiber, Crude, ANKOM (%)	0066	16.17	0.5500	15.23	1.018	0.3612	70	0.92	3%	0
004.07	Fiber, Crude, ANKOM (%)	2146	16.23	0.5100	15.23	1.018	0.3612	70	0.98	3%	0
004.07	Fiber, Crude, ANKOM (%)	0536	16.34	0.6300	15.23	1.018	0.3612	70	1.09	4%	0
004.07	Fiber, Crude, ANKOM (%)	2009	16.37	0.0101	15.23	1.018	0.3612	70	1.12	4%	0
004.07	Fiber, Crude, ANKOM (%)	0939	16.78	0.3200	15.23	1.018	0.3612	70	1.52	5%	0
004.07	Fiber, Crude, ANKOM (%)	0520	16.90	0.6000	15.23	1.018	0.3612	70	1.64	5%	0
004.07	Fiber, Crude, ANKOM (%)	0074	16.94	1.330	15.23	1.018	0.3612	70	1.68	6%	0
004.07	Fiber, Crude, ANKOM (%)	0242	17.10	0.0500	15.23	1.018	0.3612	70	1.83	6%	0
004.07	Fiber, Crude, ANKOM (%)	0870	17.61	0.9099	15.23	1.018	0.3612	70	2.33	8%	0
004.07	Fiber, Crude, ANKOM (%)	0089	17.75	0.0600	15.23	1.018	0.3612	70	2.48	8%	0
004.07	Fiber, Crude, ANKOM (%)	0202	17.77	0.0300	15.23	1.018	0.3612	70	2.49	8%	0
004.07	Fiber, Crude, ANKOM (%)	0626	17.81	1.100	15.23	1.018	0.3612	70	2.53	8%	0
004.07	Fiber, Crude, ANKOM (%)	0914	18.10	0.4000	15.23	1.018	0.3612	70	2.82	9%	0
004.07	Fiber, Crude, ANKOM (%)	0407	15.16	2.451	15.23	1.018	0.3612	70	-0.07	0%	1
004.07	Fiber, Crude, ANKOM (%)	0045	16.45	2.500	15.23	1.018	0.3612	70	1.20	4%	1
004.11	Fiber, Crude, NIR (%)	0011	14.20	0.0000				3			0
004.11	Fiber, Crude, NIR (%)	0852	14.89	0.0800				3			0
004.11	Fiber, Crude, NIR (%)	0889	15.30	0.1300				3			0
004.11	Fiber, Crude, NIR (%)	0553	14.68	1.240				3			1
004.99	Fiber, Crude, Miscellaneous (%)	2129	15.18	0.5980				1			0
005.00	Ash, 2h @ 600°C (%)	0144	11.23	0.2100	12.26	0.4641	0.1320	85	-2.23	4%	0
005.00	Ash, 2h @ 600°C (%)	0169	11.28	0.0200	12.26	0.4641	0.1320	85	-2.11	4%	0
005.00	Ash, 2h @ 600°C (%)	0164	11.39	0.2800	12.26	0.4641	0.1320	85	-1.87	4%	0
005.00	Ash, 2h @ 600°C (%)	0278	11.47	0.2300	12.26	0.4641	0.1320	85	-1.71	3%	0
005.00	Ash, 2h @ 600°C (%)	2184	11.49	0.0500	12.26	0.4641	0.1320	85	-1.67	3%	0
005.00	Ash, 2h @ 600°C (%)	0539	11.52	0.0700	12.26	0.4641	0.1320	85	-1.60	3%	0
005.00	Ash, 2h @ 600°C (%)	0425	11.53	0.0500	12.26	0.4641	0.1320	85	-1.58	3%	0
005.00	Ash, 2h @ 600°C (%)	0226	11.53	0.1800	12.26	0.4641	0.1320	85	-1.57	3%	0
005.00	Ash, 2h @ 600°C (%)	2022	11.60	0.0500	12.26	0.4641	0.1320	85	-1.43	3%	0
005.00	Ash, 2h @ 600°C (%)	0357	11.60	0.0000	12.26	0.4641	0.1320	85	-1.42	3%	0
005.00	Ash, 2h @ 600°C (%)	0650	11.65	0.1000	12.26	0.4641	0.1320	85	-1.31	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0049	11.68	0.2300	12.26	0.4641	0.1320	85	-1.26	2%	0
005.00	Ash, 2h @ 600°C (%)	2302	11.71	0.2700	12.26	0.4641	0.1320	85	-1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	0511	11.73	0.1300	12.26	0.4641	0.1320	85	-1.15	2%	0
005.00	Ash, 2h @ 600°C (%)	2143	11.78	0.0200	12.26	0.4641	0.1320	85	-1.03	2%	0
005.00	Ash, 2h @ 600°C (%)	0598	11.82	0.0100	12.26	0.4641	0.1320	85	-0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0541	11.88	0.2400	12.26	0.4641	0.1320	85	-0.82	2%	0
005.00	Ash, 2h @ 600°C (%)	0512	11.95	0.4100	12.26	0.4641	0.1320	85	-0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0160	11.95	0.1000	12.26	0.4641	0.1320	85	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	11.95	0.0200	12.26	0.4641	0.1320	85	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	11.96	0.0200	12.26	0.4641	0.1320	85	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	11.96	0.2600	12.26	0.4641	0.1320	85	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0574	11.97	0.5100	12.26	0.4641	0.1320	85	-0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	11.98	0.0000	12.26	0.4641	0.1320	85	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	12.00	0.1000	12.26	0.4641	0.1320	85	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	12.05	0.1000	12.26	0.4641	0.1320	85	-0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	12.05	0.2590	12.26	0.4641	0.1320	85	-0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	2325	12.07	0.0300	12.26	0.4641	0.1320	85	-0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	12.07	0.0800	12.26	0.4641	0.1320	85	-0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	12.08	0.1900	12.26	0.4641	0.1320	85	-0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	12.08	0.0700	12.26	0.4641	0.1320	85	-0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	2322	12.09	0.0700	12.26	0.4641	0.1320	85	-0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	12.10	0.0000	12.26	0.4641	0.1320	85	-0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0646	12.12	0.0400	12.26	0.4641	0.1320	85	-0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	12.13	0.0200	12.26	0.4641	0.1320	85	-0.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	12.15	0.3000	12.26	0.4641	0.1320	85	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	12.16	0.0400	12.26	0.4641	0.1320	85	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0199	12.17	0.1600	12.26	0.4641	0.1320	85	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	12.20	0.1000	12.26	0.4641	0.1320	85	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0656	12.24	0.0000	12.26	0.4641	0.1320	85	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	12.26	0.3980	12.26	0.4641	0.1320	85	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	12.26	0.1200	12.26	0.4641	0.1320	85	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	12.27	0.3600	12.26	0.4641	0.1320	85	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	12.27	0.0400	12.26	0.4641	0.1320	85	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	2089	12.34	0.0900	12.26	0.4641	0.1320	85	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0366	12.35	0.3000	12.26	0.4641	0.1320	85	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	12.41	0.0100	12.26	0.4641	0.1320	85	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	12.42	0.0300	12.26	0.4641	0.1320	85	0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	12.45	0.1700	12.26	0.4641	0.1320	85	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	12.45	0.3619	12.26	0.4641	0.1320	85	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	12.48	0.1600	12.26	0.4641	0.1320	85	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	2076	12.50	0.1634	12.26	0.4641	0.1320	85	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	12.50	0.2000	12.26	0.4641	0.1320	85	0.52	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0108	12.50	0.2000	12.26	0.4641	0.1320	85	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	12.51	0.0700	12.26	0.4641	0.1320	85	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	12.54	0.0200	12.26	0.4641	0.1320	85	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	12.54	0.0600	12.26	0.4641	0.1320	85	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	2259	12.55	0.2900	12.26	0.4641	0.1320	85	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	12.55	0.1000	12.26	0.4641	0.1320	85	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	12.55	0.0200	12.26	0.4641	0.1320	85	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	12.56	0.0200	12.26	0.4641	0.1320	85	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0062	12.57	0.2290	12.26	0.4641	0.1320	85	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	12.57	0.0600	12.26	0.4641	0.1320	85	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	12.57	0.0167	12.26	0.4641	0.1320	85	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	12.60	0.0100	12.26	0.4641	0.1320	85	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	12.60	0.1500	12.26	0.4641	0.1320	85	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	12.63	0.0100	12.26	0.4641	0.1320	85	0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	2188	12.63	0.0200	12.26	0.4641	0.1320	85	0.80	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	12.63	0.4290	12.26	0.4641	0.1320	85	0.81	2%	0
005.00	Ash, 2h @ 600°C (%)	0407	12.64	0.1330	12.26	0.4641	0.1320	85	0.81	2%	0
005.00	Ash, 2h @ 600°C (%)	2246	12.69	0.0300	12.26	0.4641	0.1320	85	0.92	2%	0
005.00	Ash, 2h @ 600°C (%)	2196	12.70	0.0000	12.26	0.4641	0.1320	85	0.95	2%	0
005.00	Ash, 2h @ 600°C (%)	2268	12.71	0.0600	12.26	0.4641	0.1320	85	0.97	2%	0
005.00	Ash, 2h @ 600°C (%)	0265	12.75	0.1000	12.26	0.4641	0.1320	85	1.06	2%	0
005.00	Ash, 2h @ 600°C (%)	0853	12.75	0.3000	12.26	0.4641	0.1320	85	1.06	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	12.76	0.0700	12.26	0.4641	0.1320	85	1.07	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	12.77	0.1700	12.26	0.4641	0.1320	85	1.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0100	12.78	0.5400	12.26	0.4641	0.1320	85	1.12	2%	0
005.00	Ash, 2h @ 600°C (%)	0914	12.80	0.0800	12.26	0.4641	0.1320	85	1.17	2%	0
005.00	Ash, 2h @ 600°C (%)	0618	12.81	0.2900	12.26	0.4641	0.1320	85	1.18	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	12.83	0.1400	12.26	0.4641	0.1320	85	1.23	2%	0
005.00	Ash, 2h @ 600°C (%)	0083	12.85	0.0400	12.26	0.4641	0.1320	85	1.28	2%	0
005.00	Ash, 2h @ 600°C (%)	2181	12.89	0.1000	12.26	0.4641	0.1320	85	1.36	3%	0
005.00	Ash, 2h @ 600°C (%)	0309	12.90	0.0430	12.26	0.4641	0.1320	85	1.39	3%	0
005.00	Ash, 2h @ 600°C (%)	0852	13.25	0.0000	12.26	0.4641	0.1320	85	2.14	4%	0
005.00	Ash, 2h @ 600°C (%)	0019	11.70	0.8000	12.26	0.4641	0.1320	85	-1.20	2%	1
005.00	Ash, 2h @ 600°C (%)	0297	6.050	0.1000	12.26	0.4641	0.1320	85	-13.38	25%	2
005.02	Ash, LECO (%)	0968	12.55	0.0100				2			0
005.02	Ash, LECO (%)	0644	13.20	0.1200				2			0
005.05	Ash, 3h @ 550°C (%)	0003	11.90	0.2000	12.85	0.3157	0.1051	35	-3.02	4%	0
005.05	Ash, 3h @ 550°C (%)	0726	12.00	0.1000	12.85	0.3157	0.1051	35	-2.71	3%	0
005.05	Ash, 3h @ 550°C (%)	0066	12.15	0.1500	12.85	0.3157	0.1051	35	-2.25	3%	0
005.05	Ash, 3h @ 550°C (%)	0893	12.21	0.0300	12.85	0.3157	0.1051	35	-2.06	3%	0
005.05	Ash, 3h @ 550°C (%)	0263	12.39	0.0490	12.85	0.3157	0.1051	35	-1.48	2%	0
005.05	Ash, 3h @ 550°C (%)	0294	12.40	0.0000	12.85	0.3157	0.1051	35	-1.44	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.05	Ash, 3h @ 550°C (%)	0619	12.60	0.0000	12.85	0.3157	0.1051	35	-0.81	1%	0
005.05	Ash, 3h @ 550°C (%)	2291	12.63	0.0600	12.85	0.3157	0.1051	35	-0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	2012	12.71	0.1700	12.85	0.3157	0.1051	35	-0.47	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	12.76	0.0200	12.85	0.3157	0.1051	35	-0.30	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	12.78	0.0800	12.85	0.3157	0.1051	35	-0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0692	12.80	0.4000	12.85	0.3157	0.1051	35	-0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	12.82	0.0001	12.85	0.3157	0.1051	35	-0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	12.82	0.0197	12.85	0.3157	0.1051	35	-0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	12.85	0.0700	12.85	0.3157	0.1051	35	-0.03	0%	0
005.05	Ash, 3h @ 550°C (%)	0941	12.87	0.0900	12.85	0.3157	0.1051	35	0.03	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	12.88	0.0700	12.85	0.3157	0.1051	35	0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	12.89	0.1400	12.85	0.3157	0.1051	35	0.11	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	12.89	0.3000	12.85	0.3157	0.1051	35	0.11	0%	0
005.05	Ash, 3h @ 550°C (%)	2129	12.92	0.1380	12.85	0.3157	0.1051	35	0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	2144	12.93	0.0300	12.85	0.3157	0.1051	35	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	12.95	0.1900	12.85	0.3157	0.1051	35	0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	2192	12.95	0.4100	12.85	0.3157	0.1051	35	0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	12.95	0.1000	12.85	0.3157	0.1051	35	0.30	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	12.97	0.0480	12.85	0.3157	0.1051	35	0.36	0%	0
005.05	Ash, 3h @ 550°C (%)	0638	13.00	0.0000	12.85	0.3157	0.1051	35	0.46	1%	0
005.05	Ash, 3h @ 550°C (%)	0878	13.03	0.0600	12.85	0.3157	0.1051	35	0.56	1%	0
005.05	Ash, 3h @ 550°C (%)	2216	13.04	0.3190	12.85	0.3157	0.1051	35	0.57	1%	0
005.05	Ash, 3h @ 550°C (%)	2319	13.05	0.1000	12.85	0.3157	0.1051	35	0.62	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	13.22	0.0600	12.85	0.3157	0.1051	35	1.16	1%	0
005.05	Ash, 3h @ 550°C (%)	2295	13.23	0.0100	12.85	0.3157	0.1051	35	1.17	1%	0
005.05	Ash, 3h @ 550°C (%)	0034	13.24	0.0530	12.85	0.3157	0.1051	35	1.23	2%	0
005.05	Ash, 3h @ 550°C (%)	0190	13.25	0.1200	12.85	0.3157	0.1051	35	1.25	2%	0
005.05	Ash, 3h @ 550°C (%)	0685	13.28	0.0200	12.85	0.3157	0.1051	35	1.35	2%	0
005.05	Ash, 3h @ 550°C (%)	0868	13.34	0.0700	12.85	0.3157	0.1051	35	1.52	2%	0
005.05	Ash, 3h @ 550°C (%)	0897	13.72	0.9500	12.85	0.3157	0.1051	35	2.72	3%	1
005.11	Ash, NIR (%)	0852	7.050	0.0400				3			0
005.11	Ash, NIR (%)	0297	7.935	0.1500				3			0
005.11	Ash, NIR (%)	0889	9.995	0.1300				3			0
005.99	Ash, Miscellaneous (%)	2081	10.74	0.1400	12.53	0.5714	0.1388	8	-3.13	7%	0
005.99	Ash, Miscellaneous (%)	0536	11.96	0.0600	12.53	0.5714	0.1388	8	-0.99	2%	0
005.99	Ash, Miscellaneous (%)	0728	12.23	0.0600	12.53	0.5714	0.1388	8	-0.52	1%	0
005.99	Ash, Miscellaneous (%)	0676	12.74	0.0500	12.53	0.5714	0.1388	8	0.36	1%	0
005.99	Ash, Miscellaneous (%)	0884	12.85	0.1000	12.53	0.5714	0.1388	8	0.56	1%	0
005.99	Ash, Miscellaneous (%)	0202	12.88	0.1000	12.53	0.5714	0.1388	8	0.62	1%	0
005.99	Ash, Miscellaneous (%)	0652	12.90	0.2000	12.53	0.5714	0.1388	8	0.65	1%	0
005.99	Ash, Miscellaneous (%)	0910	13.00	0.4000	12.53	0.5714	0.1388	8	0.83	2%	0
006.00	Total Sugars, As sucrose (%)	0910	2.340	0.3400				3			0



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006.00	Total Sugars, As sucrose (%)	0407	2.592	0.0150				3			0
006.00	Total Sugars, As sucrose (%)	2319	2.800	0.0000				3			0
006.99	Total Sugars, Miscellaneous (%)	0956	3.300	0.2000				1			0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	17.39	0.6400	21.36	2.153	0.3271	10	-1.84	9%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	17.94	0.2300	21.36	2.153	0.3271	10	-1.59	8%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	21.10	0.2000	21.36	2.153	0.3271	10	-0.12	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	21.40	0.7700	21.36	2.153	0.3271	10	0.02	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	21.53	0.0905	21.36	2.153	0.3271	10	0.08	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	21.72	0.1300	21.36	2.153	0.3271	10	0.17	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	21.95	0.1600	21.36	2.153	0.3271	10	0.28	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	22.85	0.5300	21.36	2.153	0.3271	10	0.69	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	22.88	0.1100	21.36	2.153	0.3271	10	0.70	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	23.91	0.4100	21.36	2.153	0.3271	10	1.18	6%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	23.45	0.1000				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	16.40	0.4000	20.53	1.980	0.3492	42	-2.09	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	17.08	0.3300	20.53	1.980	0.3492	42	-1.75	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	17.21	0.1000	20.53	1.980	0.3492	42	-1.68	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0590	17.25	0.1000	20.53	1.980	0.3492	42	-1.66	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	17.29	0.1400	20.53	1.980	0.3492	42	-1.64	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	17.54	0.0100	20.53	1.980	0.3492	42	-1.51	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	18.16	0.8800	20.53	1.980	0.3492	42	-1.20	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	18.18	0.2500	20.53	1.980	0.3492	42	-1.19	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	18.27	0.1200	20.53	1.980	0.3492	42	-1.14	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	18.43	0.9400	20.53	1.980	0.3492	42	-1.06	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	18.80	0.0600	20.53	1.980	0.3492	42	-0.88	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	19.63	0.7100	20.53	1.980	0.3492	42	-0.46	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	19.98	0.2200	20.53	1.980	0.3492	42	-0.28	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2012	20.02	0.0200	20.53	1.980	0.3492	42	-0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	20.27	0.0000	20.53	1.980	0.3492	42	-0.13	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	20.60	0.1600	20.53	1.980	0.3492	42	0.03	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	20.65	0.3600	20.53	1.980	0.3492	42	0.06	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	20.74	0.7800	20.53	1.980	0.3492	42	0.10	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	20.88	0.8000	20.53	1.980	0.3492	42	0.18	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	20.98	0.2500	20.53	1.980	0.3492	42	0.22	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	21.10	0.2200	20.53	1.980	0.3492	42	0.29	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	21.13	0.3461	20.53	1.980	0.3492	42	0.30	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	21.15	0.0600	20.53	1.980	0.3492	42	0.31	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	21.26	0.1700	20.53	1.980	0.3492	42	0.36	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	21.35	0.1000	20.53	1.980	0.3492	42	0.41	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	21.50	0.2000	20.53	1.980	0.3492	42	0.49	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	21.60	0.2400	20.53	1.980	0.3492	42	0.54	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	21.67	0.4873	20.53	1.980	0.3492	42	0.58	3%	0

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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0656	21.70	0.0000	20.53	1.980	0.3492	42	0.59	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	21.74	0.1200	20.53	1.980	0.3492	42	0.61	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	21.80	0.4824	20.53	1.980	0.3492	42	0.64	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	21.80	0.6000	20.53	1.980	0.3492	42	0.64	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	21.90	0.4000	20.53	1.980	0.3492	42	0.69	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	21.94	0.3300	20.53	1.980	0.3492	42	0.71	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	22.09	1.330	20.53	1.980	0.3492	42	0.78	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	22.20	0.2200	20.53	1.980	0.3492	42	0.84	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	22.25	1.300	20.53	1.980	0.3492	42	0.87	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	22.39	0.0600	20.53	1.980	0.3492	42	0.94	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	22.47	0.4210	20.53	1.980	0.3492	42	0.98	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	22.55	0.1000	20.53	1.980	0.3492	42	1.02	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	22.71	0.7500	20.53	1.980	0.3492	42	1.10	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	23.15	0.1000	20.53	1.980	0.3492	42	1.32	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	20.86	4.023	20.53	1.980	0.3492	42	0.17	1%	1
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	4.410	0.5000	20.53	1.980	0.3492	42	-8.14	39%	2
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	18.40	0.4000				1			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	2246	40.89	0.7300				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	33.30	0.8000	36.20	1.490	0.5354	10	-1.94	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	34.52	0.5100	36.20	1.490	0.5354	10	-1.13	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	35.76	0.7100	36.20	1.490	0.5354	10	-0.30	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	35.83	0.1600	36.20	1.490	0.5354	10	-0.25	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	36.13	0.0937	36.20	1.490	0.5354	10	-0.05	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	36.55	0.7000	36.20	1.490	0.5354	10	0.24	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	36.58	0.6000	36.20	1.490	0.5354	10	0.26	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	36.62	0.0100	36.20	1.490	0.5354	10	0.28	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	37.60	1.200	36.20	1.490	0.5354	10	0.94	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	39.58	0.5700	36.20	1.490	0.5354	10	2.27	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	34.80	3.800	36.20	1.490	0.5354	10	-0.94	2%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	27.87	0.0700	35.39	1.866	0.4859	41	-4.03	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	31.58	1.940	35.39	1.866	0.4859	41	-2.04	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2012	32.35	0.4100	35.39	1.866	0.4859	41	-1.63	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	32.70	0.6000	35.39	1.866	0.4859	41	-1.44	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	33.35	1.530	35.39	1.866	0.4859	41	-1.10	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	33.45	0.1000	35.39	1.866	0.4859	41	-1.04	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	33.59	2.360	35.39	1.866	0.4859	41	-0.97	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	33.72	2.014	35.39	1.866	0.4859	41	-0.90	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	33.92	0.3900	35.39	1.866	0.4859	41	-0.79	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0656	34.16	0.0000	35.39	1.866	0.4859	41	-0.66	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	34.27	0.1500	35.39	1.866	0.4859	41	-0.60	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	34.45	0.0900	35.39	1.866	0.4859	41	-0.51	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	34.45	0.2000	35.39	1.866	0.4859	41	-0.50	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			
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	34.64	0.0900	35.39	1.866	0.4859	41	-0.41	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	34.65	0.1000	35.39	1.866	0.4859	41	-0.40	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0646	34.69	0.0200	35.39	1.866	0.4859	41	-0.38	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	34.95	0.3400	35.39	1.866	0.4859	41	-0.24	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	34.95	0.0000	35.39	1.866	0.4859	41	-0.24	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	35.09	0.0158	35.39	1.866	0.4859	41	-0.16	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	35.25	0.7000	35.39	1.866	0.4859	41	-0.08	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	35.46	0.2500	35.39	1.866	0.4859	41	0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	35.47	0.3000	35.39	1.866	0.4859	41	0.04	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	35.61	0.1300	35.39	1.866	0.4859	41	0.11	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	35.70	0.4000	35.39	1.866	0.4859	41	0.17	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	35.74	0.0200	35.39	1.866	0.4859	41	0.19	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	35.80	1.030	35.39	1.866	0.4859	41	0.22	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	36.08	0.4300	35.39	1.866	0.4859	41	0.37	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	36.17	0.0300	35.39	1.866	0.4859	41	0.42	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2302	36.18	0.4600	35.39	1.866	0.4859	41	0.42	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	36.35	0.3000	35.39	1.866	0.4859	41	0.51	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	36.40	0.0000	35.39	1.866	0.4859	41	0.54	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	36.85	0.1730	35.39	1.866	0.4859	41	0.78	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	37.21	0.4800	35.39	1.866	0.4859	41	0.98	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	37.48	0.9471	35.39	1.866	0.4859	41	1.12	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	37.49	0.7100	35.39	1.866	0.4859	41	1.12	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0590	37.50	2.400	35.39	1.866	0.4859	41	1.13	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	37.50	0.2000	35.39	1.866	0.4859	41	1.13	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	37.65	0.3000	35.39	1.866	0.4859	41	1.21	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0042	37.99	0.1100	35.39	1.866	0.4859	41	1.39	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0881	38.55	0.0120	35.39	1.866	0.4859	41	1.69	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	39.08	0.1200	35.39	1.866	0.4859	41	1.98	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	11.14	1.440	35.39	1.866	0.4859	41	-13.00	34%	2
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	34.09	0.1800				1			0
010.03	Moisture, Karl-Fischer (%)	0164	8.485	0.3900				2			0
010.03	Moisture, Karl-Fischer (%)	0843	9.525	0.1500				2			0
010.11	Moisture, NIR (%)	0852	9.925	0.0100				2			0
010.11	Moisture, NIR (%)	0889	10.17	0.0500				2			0
010.99	Moisture, Miscellaneous (%)	2089	8.660	0.0400	9.375	0.5421	0.0811	15	-1.32	4%	0
010.99	Moisture, Miscellaneous (%)	2150	8.830	0.0400	9.375	0.5421	0.0811	15	-1.01	3%	0
010.99	Moisture, Miscellaneous (%)	2129	8.915	0.3130	9.375	0.5421	0.0811	15	-0.85	2%	0
010.99	Moisture, Miscellaneous (%)	0726	8.925	0.0500	9.375	0.5421	0.0811	15	-0.83	2%	0
010.99	Moisture, Miscellaneous (%)	0884	9.100	0.2000	9.375	0.5421	0.0811	15	-0.51	1%	0
010.99	Moisture, Miscellaneous (%)	0964	9.126	0.0030	9.375	0.5421	0.0811	15	-0.46	1%	0
010.99	Moisture, Miscellaneous (%)	0939	9.170	0.0600	9.375	0.5421	0.0811	15	-0.38	1%	0
010.99	Moisture, Miscellaneous (%)	0948	9.325	0.0100	9.375	0.5421	0.0811	15	-0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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010.99	Moisture, Miscellaneous (%)	0692	9.335	0.0100	9.375	0.5421	0.0811	15	-0.07	0%	0
010.99	Moisture, Miscellaneous (%)	2076	9.635	0.3100	9.375	0.5421	0.0811	15	0.48	1%	0
010.99	Moisture, Miscellaneous (%)	0921	9.720	0.0200	9.375	0.5421	0.0811	15	0.64	2%	0
010.99	Moisture, Miscellaneous (%)	0652	9.750	0.1000	9.375	0.5421	0.0811	15	0.69	2%	0
010.99	Moisture, Miscellaneous (%)	2178	9.760	0.0200	9.375	0.5421	0.0811	15	0.71	2%	0
010.99	Moisture, Miscellaneous (%)	0190	10.19	0.0100	9.375	0.5421	0.0811	15	1.49	4%	0
010.99	Moisture, Miscellaneous (%)	0914	10.32	0.0300	9.375	0.5421	0.0811	15	1.73	5%	0
010.99	Moisture, Miscellaneous (%)	2216	9.360	0.8600	9.375	0.5421	0.0811	15	-0.03	0%	1
011.01	Loss on Drying, 135°C 2hr (%)	0685	8.540	0.0200	10.49	0.6177	0.1198	62	-3.16	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	8.880	0.0840	10.49	0.6177	0.1198	62	-2.61	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	2322	9.295	0.0100	10.49	0.6177	0.1198	62	-1.94	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2302	9.310	0.0600	10.49	0.6177	0.1198	62	-1.91	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	9.406	0.0900	10.49	0.6177	0.1198	62	-1.76	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2325	9.570	0.0000	10.49	0.6177	0.1198	62	-1.49	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0425	9.695	0.0300	10.49	0.6177	0.1198	62	-1.29	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	9.800	0.0000	10.49	0.6177	0.1198	62	-1.12	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	9.880	0.0200	10.49	0.6177	0.1198	62	-0.99	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	9.880	0.2400	10.49	0.6177	0.1198	62	-0.99	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	9.935	0.2700	10.49	0.6177	0.1198	62	-0.90	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2174	9.940	0.1400	10.49	0.6177	0.1198	62	-0.89	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.02	0.1400	10.49	0.6177	0.1198	62	-0.77	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	10.02	0.1180	10.49	0.6177	0.1198	62	-0.76	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	10.04	0.0200	10.49	0.6177	0.1198	62	-0.73	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2143	10.06	0.0300	10.49	0.6177	0.1198	62	-0.71	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	10.08	0.0000	10.49	0.6177	0.1198	62	-0.67	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	10.10	0.0000	10.49	0.6177	0.1198	62	-0.64	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.11	0.3000	10.49	0.6177	0.1198	62	-0.62	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	10.18	0.0300	10.49	0.6177	0.1198	62	-0.51	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.27	0.1900	10.49	0.6177	0.1198	62	-0.37	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	10.32	0.0300	10.49	0.6177	0.1198	62	-0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	10.32	0.1200	10.49	0.6177	0.1198	62	-0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.33	0.3200	10.49	0.6177	0.1198	62	-0.26	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	10.35	0.1000	10.49	0.6177	0.1198	62	-0.23	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.35	0.1000	10.49	0.6177	0.1198	62	-0.23	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	10.36	0.2700	10.49	0.6177	0.1198	62	-0.22	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	10.37	0.0200	10.49	0.6177	0.1198	62	-0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	10.39	0.0000	10.49	0.6177	0.1198	62	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2181	10.40	0.1000	10.49	0.6177	0.1198	62	-0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	10.49	0.1200	10.49	0.6177	0.1198	62	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	10.49	0.0200	10.49	0.6177	0.1198	62	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2268	10.55	0.1400	10.49	0.6177	0.1198	62	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	10.59	0.0500	10.49	0.6177	0.1198	62	0.15	0%	0



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011.01	Loss on Drying, 135°C 2hr (%)	2246	10.60	0.0000	10.49	0.6177	0.1198	62	0.17	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	10.64	0.2800	10.49	0.6177	0.1198	62	0.24	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	10.65	0.2100	10.49	0.6177	0.1198	62	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.70	0.0000	10.49	0.6177	0.1198	62	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	10.70	0.0000	10.49	0.6177	0.1198	62	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	10.75	0.1100	10.49	0.6177	0.1198	62	0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.79	0.4900	10.49	0.6177	0.1198	62	0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.81	0.1100	10.49	0.6177	0.1198	62	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	10.82	0.3700	10.49	0.6177	0.1198	62	0.52	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	10.85	0.1700	10.49	0.6177	0.1198	62	0.57	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	10.86	0.0500	10.49	0.6177	0.1198	62	0.59	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	10.91	0.2100	10.49	0.6177	0.1198	62	0.67	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.93	0.1200	10.49	0.6177	0.1198	62	0.71	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.93	0.0000	10.49	0.6177	0.1198	62	0.71	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	10.96	0.3574	10.49	0.6177	0.1198	62	0.76	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.97	0.0500	10.49	0.6177	0.1198	62	0.76	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	11.09	0.0400	10.49	0.6177	0.1198	62	0.97	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	11.12	0.0300	10.49	0.6177	0.1198	62	1.01	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	11.13	0.2700	10.49	0.6177	0.1198	62	1.02	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	11.18	0.1500	10.49	0.6177	0.1198	62	1.10	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0618	11.21	0.1500	10.49	0.6177	0.1198	62	1.15	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	11.21	0.3261	10.49	0.6177	0.1198	62	1.17	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	11.27	0.1600	10.49	0.6177	0.1198	62	1.26	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	11.31	0.1900	10.49	0.6177	0.1198	62	1.32	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	11.34	0.0800	10.49	0.6177	0.1198	62	1.37	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	11.35	0.2600	10.49	0.6177	0.1198	62	1.39	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	11.48	0.0500	10.49	0.6177	0.1198	62	1.59	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2291	11.70	0.0100	10.49	0.6177	0.1198	62	1.95	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2184	11.23	0.5600	10.49	0.6177	0.1198	62	1.19	4%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	10.08	0.2000				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0529	10.71	0.0600				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	2291	9.315	0.0300				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	9.750	0.1000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0852	10.71	0.0300				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	2303	10.56	0.8830				3			1
012.00	Starch, Polarimetric (Ewers) (%)	0354	13.34	0.1900	13.81	0.4319	0.1967	12	-1.09	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	13.42	0.9800	13.81	0.4319	0.1967	12	-0.89	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	13.50	0.2000	13.81	0.4319	0.1967	12	-0.71	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	13.60	0.0000	13.81	0.4319	0.1967	12	-0.48	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	13.65	0.1100	13.81	0.4319	0.1967	12	-0.37	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	13.65	0.0000	13.81	0.4319	0.1967	12	-0.36	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	13.68	0.3300	13.81	0.4319	0.1967	12	-0.30	0%	0

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012.00	Starch, Polarimetric (Ewers) (%)	0941	13.77	0.0200	13.81	0.4319	0.1967	12	-0.08	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	13.94	0.0700	13.81	0.4319	0.1967	12	0.30	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	14.31	0.0000	13.81	0.4319	0.1967	12	1.17	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	14.38	0.0600	13.81	0.4319	0.1967	12	1.33	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	14.60	0.4000	13.81	0.4319	0.1967	12	1.84	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	13.25	1.500	13.81	0.4319	0.1967	12	-1.29	2%	1
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0910	11.20	0.6000	13.30	1.625	0.4949	10	-1.29	8%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	12.13	0.5100	13.30	1.625	0.4949	10	-0.72	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	12.44	0.3841	13.30	1.625	0.4949	10	-0.53	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	12.55	0.9000	13.30	1.625	0.4949	10	-0.46	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	13.00	0.2000	13.30	1.625	0.4949	10	-0.18	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	13.04	0.2700	13.30	1.625	0.4949	10	-0.16	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	13.68	0.0050	13.30	1.625	0.4949	10	0.24	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	13.70	0.2000	13.30	1.625	0.4949	10	0.25	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	15.53	0.9800	13.30	1.625	0.4949	10	1.37	8%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	16.35	0.9000	13.30	1.625	0.4949	10	1.88	11%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	14.00	1.323				2			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	37.30	0.4700				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0510	10.15	0.3000	12.95	1.700	0.3470	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0098	12.85	0.9000	12.95	1.700	0.3470	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	2129	13.22	0.3750	12.95	1.700	0.3470	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0278	14.00	0.0000	12.95	1.700	0.3470	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0948	14.54	0.1600	12.95	1.700	0.3470	5			0
012.11	Starch, NIR (%)	0889	15.70	0.7600				3			0
012.11	Starch, NIR (%)	0852	16.73	0.1300				3			0
012.11	Starch, NIR (%)	0297	41.15	0.5000				3			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	13.18	0.0500				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	3.335	0.5300	4.714	0.6528	0.2354	16	-2.11	15%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	3.845	0.3100	4.714	0.6528	0.2354	16	-1.33	9%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	4.080	0.1400	4.714	0.6528	0.2354	16	-0.97	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	4.240	1.504	4.714	0.6528	0.2354	16	-0.73	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	4.340	0.0800	4.714	0.6528	0.2354	16	-0.57	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	4.450	0.0400	4.714	0.6528	0.2354	16	-0.40	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	4.600	0.0600	4.714	0.6528	0.2354	16	-0.18	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	4.832	0.0723	4.714	0.6528	0.2354	16	0.18	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2319	4.850	0.1000	4.714	0.6528	0.2354	16	0.21	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	4.960	0.2200	4.714	0.6528	0.2354	16	0.38	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	4.980	0.2600	4.714	0.6528	0.2354	16	0.41	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	5.030	0.0400	4.714	0.6528	0.2354	16	0.48	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	5.050	0.1000	4.714	0.6528	0.2354	16	0.51	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	5.050	0.1000	4.714	0.6528	0.2354	16	0.51	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	5.815	0.1700	4.714	0.6528	0.2354	16	1.69	12%	0

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013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	5.900	0.0400	4.714	0.6528	0.2354	16	1.82	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	4.745	1.930	4.714	0.6528	0.2354	16	0.05	0%	1
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	4.580	0.1400	5.305	0.4861	0.0819	16	-1.49	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0650	4.750	0.0400	5.305	0.4861	0.0819	16	-1.14	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	4.787	0.1608	5.305	0.4861	0.0819	16	-1.06	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0914	4.875	0.0900	5.305	0.4861	0.0819	16	-0.88	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	4.900	0.0000	5.305	0.4861	0.0819	16	-0.83	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	5.065	0.0900	5.305	0.4861	0.0819	16	-0.49	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	5.235	0.0900	5.305	0.4861	0.0819	16	-0.14	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0100	5.330	0.0800	5.305	0.4861	0.0819	16	0.05	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	5.375	0.0300	5.305	0.4861	0.0819	16	0.14	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	5.550	0.1800	5.305	0.4861	0.0819	16	0.50	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	5.560	0.0000	5.305	0.4861	0.0819	16	0.52	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	5.720	0.2500	5.305	0.4861	0.0819	16	0.85	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	5.750	0.0400	5.305	0.4861	0.0819	16	0.92	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	5.755	0.0300	5.305	0.4861	0.0819	16	0.93	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	5.775	0.0500	5.305	0.4861	0.0819	16	0.97	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	5.870	0.0400	5.305	0.4861	0.0819	16	1.16	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	5.048	0.5760	5.305	0.4861	0.0819	16	-0.53	2%	1
013.08	Fat, Base Pretreat, Roesse-Gottlieb Modified (%)	0618	2.465	0.7700				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0638	4.500	0.0000	4.790	0.2508	0.0300	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	4.665	0.0300	4.790	0.2508	0.0300	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	4.960	0.0000	4.790	0.2508	0.0300	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	5.035	0.0900	4.790	0.2508	0.0300	4			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0683	4.825	0.0100	5.649	0.9300	0.3745	8	-0.89	7%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	4.845	0.0100	5.649	0.9300	0.3745	8	-0.87	7%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0939	4.855	0.3700	5.649	0.9300	0.3745	8	-0.85	7%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	5.345	0.2100	5.649	0.9300	0.3745	8	-0.33	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	5.606	0.6956	5.649	0.9300	0.3745	8	-0.05	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	2216	6.325	0.6900	5.649	0.9300	0.3745	8	0.73	6%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	6.665	0.5300	5.649	0.9300	0.3745	8	1.09	9%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	6.730	0.4800	5.649	0.9300	0.3745	8	1.16	10%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	36.17	0.6000	76.09	29.53	1.144	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	80.00	0.0000	76.09	29.53	1.144	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	80.67	0.9761	76.09	29.53	1.144	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	107.5	3.000	76.09	29.53	1.144	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	75.10	7.510	76.09	29.53	1.144	4			1
015.42	Aluminum, ICP, Open vessel (ppm)	0037	47.65	2.900				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	58.95	7.080				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	74.50	1.000	92.91	20.59	2.182	6	-0.89	10%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	78.00	4.000	92.91	20.59	2.182	6	-0.72	8%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	79.05	0.1000	92.91	20.59	2.182	6	-0.67	7%	0

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015.43	Aluminum, ICP, Microwave (ppm)	0425	101.9	3.100	92.91	20.59	2.182	6	0.43	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	105.6	1.892	92.91	20.59	2.182	6	0.61	7%	0
015.43	Aluminum, ICP, Microwave (ppm)	0964	118.5	3.000	92.91	20.59	2.182	6	1.24	14%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	103.5	25.00	92.91	20.59	2.182	6	0.51	6%	1
015.52	Aluminum, ICP-MS, Open vessel (ppm)	0560	76.75	0.7000				1			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	107.5	1.000				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	113.0	6.000				2			0
017.41	Boron, ICP, Dry ash (ppm)	0407	4.585	0.0617	5.485	1.115	0.2379	4			0
017.41	Boron, ICP, Dry ash (ppm)	0358	4.710	0.3800	5.485	1.115	0.2379	4			0
017.41	Boron, ICP, Dry ash (ppm)	0226	5.645	0.0300	5.485	1.115	0.2379	4			0
017.41	Boron, ICP, Dry ash (ppm)	0049	7.000	0.4800	5.485	1.115	0.2379	4			0
017.41	Boron, ICP, Dry ash (ppm)	0229	5.270	1.980	5.485	1.115	0.2379	4			1
017.42	Boron, ICP, Open vessel (ppm)	0045	4.700	0.4800	5.738	1.320	0.5205	6	-0.79	9%	0
017.42	Boron, ICP, Open vessel (ppm)	0037	4.800	0.6000	5.738	1.320	0.5205	6	-0.71	8%	0
017.42	Boron, ICP, Open vessel (ppm)	0693	5.061	0.0900	5.738	1.320	0.5205	6	-0.51	6%	0
017.42	Boron, ICP, Open vessel (ppm)	2129	5.751	0.4930	5.738	1.320	0.5205	6	0.01	0%	0
017.42	Boron, ICP, Open vessel (ppm)	0265	6.400	1.200	5.738	1.320	0.5205	6	0.50	6%	0
017.42	Boron, ICP, Open vessel (ppm)	0294	8.370	0.2600	5.738	1.320	0.5205	6	1.99	23%	0
017.43	Boron, ICP, Microwave (ppm)	0083	4.050	0.1000	5.927	1.781	0.8562	4			0
017.43	Boron, ICP, Microwave (ppm)	0353	5.000	2.000	5.927	1.781	0.8562	4			0
017.43	Boron, ICP, Microwave (ppm)	0510	6.550	0.1000	5.927	1.781	0.8562	4			0
017.43	Boron, ICP, Microwave (ppm)	0407	8.106	1.225	5.927	1.781	0.8562	4			0
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	5.927	1.781	0.8562	4			4
017.52	Boron, ICP-MS, Open vessel (ppm)	0560	7.415	0.2900				1			0
017.53	Boron, ICP-MS, Microwave (ppm)	0553	5.240	0.7600				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	1.965	0.0900	2.158	0.0869	0.0469	13	-2.22	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	2.011	0.1290	2.158	0.0869	0.0469	13	-1.69	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	2.125	0.0300	2.158	0.0869	0.0469	13	-0.38	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	2.125	0.0300	2.158	0.0869	0.0469	13	-0.38	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2295	2.135	0.0100	2.158	0.0869	0.0469	13	-0.26	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	2.150	0.1000	2.158	0.0869	0.0469	13	-0.09	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	2.152	0.0096	2.158	0.0869	0.0469	13	-0.06	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	2.155	0.0300	2.158	0.0869	0.0469	13	-0.03	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	2.185	0.0700	2.158	0.0869	0.0469	13	0.31	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	2.191	0.0030	2.158	0.0869	0.0469	13	0.38	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	2.201	0.0980	2.158	0.0869	0.0469	13	0.50	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	2.315	0.0100	2.158	0.0869	0.0469	13	1.81	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2246	2.320	0.0000	2.158	0.0869	0.0469	13	1.87	4%	0
019.08	Calcium, EDTA (%)	2188	1.970	0.0000	2.199	0.1393	0.0137	7	-1.64	5%	0
019.08	Calcium, EDTA (%)	0590	2.125	0.0500	2.199	0.1393	0.0137	7	-0.53	2%	0
019.08	Calcium, EDTA (%)	0885	2.180	0.0098	2.199	0.1393	0.0137	7	-0.13	0%	0
019.08	Calcium, EDTA (%)	2009	2.214	0.0061	2.199	0.1393	0.0137	7	0.11	0%	0



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019.08	Calcium, EDTA (%)	0689	2.235	0.0300	2.199	0.1393	0.0137	7	0.26	1%	0
019.08	Calcium, EDTA (%)	2196	2.240	0.0000	2.199	0.1393	0.0137	7	0.29	1%	0
019.08	Calcium, EDTA (%)	0852	2.500	0.0000	2.199	0.1393	0.0137	7	2.16	7%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.948	0.0340				1			0
019.31	Calcium, AAS, Dry ash (%)	0175	2.030	0.0200	2.213	0.1243	0.0304	16	-1.48	4%	0
019.31	Calcium, AAS, Dry ash (%)	2022	2.060	0.0200	2.213	0.1243	0.0304	16	-1.23	3%	0
019.31	Calcium, AAS, Dry ash (%)	0529	2.095	0.0500	2.213	0.1243	0.0304	16	-0.95	3%	0
019.31	Calcium, AAS, Dry ash (%)	0948	2.135	0.0500	2.213	0.1243	0.0304	16	-0.63	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	2.160	0.0400	2.213	0.1243	0.0304	16	-0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	2.173	0.0449	2.213	0.1243	0.0304	16	-0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0868	2.175	0.0100	2.213	0.1243	0.0304	16	-0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	2.195	0.0700	2.213	0.1243	0.0304	16	-0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	2196	2.220	0.0000	2.213	0.1243	0.0304	16	0.05	0%	0
019.31	Calcium, AAS, Dry ash (%)	0656	2.230	0.0000	2.213	0.1243	0.0304	16	0.13	0%	0
019.31	Calcium, AAS, Dry ash (%)	0536	2.245	0.0500	2.213	0.1243	0.0304	16	0.25	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	2.250	0.0200	2.213	0.1243	0.0304	16	0.29	1%	0
019.31	Calcium, AAS, Dry ash (%)	2246	2.315	0.0100	2.213	0.1243	0.0304	16	0.82	2%	0
019.31	Calcium, AAS, Dry ash (%)	0001	2.332	0.0420	2.213	0.1243	0.0304	16	0.95	3%	0
019.31	Calcium, AAS, Dry ash (%)	2325	2.405	0.0300	2.213	0.1243	0.0304	16	1.54	4%	0
019.31	Calcium, AAS, Dry ash (%)	0904	2.415	0.0300	2.213	0.1243	0.0304	16	1.62	5%	0
019.31	Calcium, AAS, Dry ash (%)	0687	2.035	0.2700	2.213	0.1243	0.0304	16	-1.44	4%	1
019.32	Calcium, AAS, Open vessel (%)	0169	2.270	0.0800				1			0
019.41	Calcium, ICP, Dry ash (%)	0004	2.050	0.1800	2.177	0.1051	0.0617	26	-1.20	3%	0
019.41	Calcium, ICP, Dry ash (%)	0011	2.050	0.1000	2.177	0.1051	0.0617	26	-1.20	3%	0
019.41	Calcium, ICP, Dry ash (%)	0171	2.050	0.0000	2.177	0.1051	0.0617	26	-1.20	3%	0
019.41	Calcium, ICP, Dry ash (%)	0910	2.055	0.1300	2.177	0.1051	0.0617	26	-1.16	3%	0
019.41	Calcium, ICP, Dry ash (%)	0018	2.065	0.0300	2.177	0.1051	0.0617	26	-1.06	3%	0
019.41	Calcium, ICP, Dry ash (%)	0098	2.085	0.1100	2.177	0.1051	0.0617	26	-0.87	2%	0
019.41	Calcium, ICP, Dry ash (%)	0144	2.085	0.0300	2.177	0.1051	0.0617	26	-0.87	2%	0
019.41	Calcium, ICP, Dry ash (%)	2012	2.100	0.0400	2.177	0.1051	0.0617	26	-0.73	2%	0
019.41	Calcium, ICP, Dry ash (%)	0298	2.120	0.0200	2.177	0.1051	0.0617	26	-0.54	1%	0
019.41	Calcium, ICP, Dry ash (%)	0123	2.130	0.0800	2.177	0.1051	0.0617	26	-0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0066	2.136	0.0710	2.177	0.1051	0.0617	26	-0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	2.164	0.0240	2.177	0.1051	0.0617	26	-0.12	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	2.165	0.0100	2.177	0.1051	0.0617	26	-0.11	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	2.170	0.0800	2.177	0.1051	0.0617	26	-0.06	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	2.185	0.0300	2.177	0.1051	0.0617	26	0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0878	2.220	0.0400	2.177	0.1051	0.0617	26	0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	2.235	0.1300	2.177	0.1051	0.0617	26	0.56	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	2.248	0.0409	2.177	0.1051	0.0617	26	0.68	2%	0
019.41	Calcium, ICP, Dry ash (%)	2259	2.253	0.0480	2.177	0.1051	0.0617	26	0.73	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	2.255	0.0100	2.177	0.1051	0.0617	26	0.75	2%	0

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019.41	Calcium, ICP, Dry ash (%)	0226	2.265	0.0300	2.177	0.1051	0.0617	26	0.84	2%	0
019.41	Calcium, ICP, Dry ash (%)	0685	2.275	0.0100	2.177	0.1051	0.0617	26	0.94	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	2.285	0.2100	2.177	0.1051	0.0617	26	1.03	2%	0
019.41	Calcium, ICP, Dry ash (%)	0354	2.305	0.1100	2.177	0.1051	0.0617	26	1.22	3%	0
019.41	Calcium, ICP, Dry ash (%)	0848	2.305	0.0100	2.177	0.1051	0.0617	26	1.22	3%	0
019.41	Calcium, ICP, Dry ash (%)	0520	2.335	0.0300	2.177	0.1051	0.0617	26	1.51	4%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.933	0.0590	2.243	0.1356	0.0761	19	-2.29	7%	0
019.42	Calcium, ICP, Open vessel (%)	0366	2.060	0.0200	2.243	0.1356	0.0761	19	-1.35	4%	0
019.42	Calcium, ICP, Open vessel (%)	0265	2.105	0.1700	2.243	0.1356	0.0761	19	-1.02	3%	0
019.42	Calcium, ICP, Open vessel (%)	0045	2.115	0.1900	2.243	0.1356	0.0761	19	-0.95	3%	0
019.42	Calcium, ICP, Open vessel (%)	2319	2.160	0.2000	2.243	0.1356	0.0761	19	-0.61	2%	0
019.42	Calcium, ICP, Open vessel (%)	0357	2.209	0.0162	2.243	0.1356	0.0761	19	-0.25	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	2.215	0.0300	2.243	0.1356	0.0761	19	-0.21	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	2.220	0.0600	2.243	0.1356	0.0761	19	-0.17	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	2.221	0.0060	2.243	0.1356	0.0761	19	-0.16	0%	0
019.42	Calcium, ICP, Open vessel (%)	0037	2.227	0.0260	2.243	0.1356	0.0761	19	-0.12	0%	0
019.42	Calcium, ICP, Open vessel (%)	0693	2.252	0.0980	2.243	0.1356	0.0761	19	0.06	0%	0
019.42	Calcium, ICP, Open vessel (%)	0186	2.267	0.0170	2.243	0.1356	0.0761	19	0.17	1%	0
019.42	Calcium, ICP, Open vessel (%)	0263	2.269	0.0140	2.243	0.1356	0.0761	19	0.19	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	2.290	0.1400	2.243	0.1356	0.0761	19	0.34	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	2.300	0.0600	2.243	0.1356	0.0761	19	0.42	1%	0
019.42	Calcium, ICP, Open vessel (%)	0692	2.345	0.2900	2.243	0.1356	0.0761	19	0.75	2%	0
019.42	Calcium, ICP, Open vessel (%)	0190	2.435	0.0100	2.243	0.1356	0.0761	19	1.41	4%	0
019.42	Calcium, ICP, Open vessel (%)	2053	2.485	0.0300	2.243	0.1356	0.0761	19	1.78	5%	0
019.42	Calcium, ICP, Open vessel (%)	0726	2.535	0.0100	2.243	0.1356	0.0761	19	2.15	7%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.375	0.0100	2.272	0.1688	0.0717	26	-5.31	20%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.870	0.0000	2.272	0.1688	0.0717	26	-2.38	9%	0
019.43	Calcium, ICP, Microwave (%)	0610	2.030	0.0200	2.272	0.1688	0.0717	26	-1.43	5%	0
019.43	Calcium, ICP, Microwave (%)	0675	2.095	0.1100	2.272	0.1688	0.0717	26	-1.05	4%	0
019.43	Calcium, ICP, Microwave (%)	0968	2.117	0.0920	2.272	0.1688	0.0717	26	-0.92	3%	0
019.43	Calcium, ICP, Microwave (%)	2058	2.167	0.0240	2.272	0.1688	0.0717	26	-0.62	2%	0
019.43	Calcium, ICP, Microwave (%)	0914	2.170	0.0000	2.272	0.1688	0.0717	26	-0.60	2%	0
019.43	Calcium, ICP, Microwave (%)	0010	2.205	0.0500	2.272	0.1688	0.0717	26	-0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	2.205	0.1100	2.272	0.1688	0.0717	26	-0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0027	2.219	0.0100	2.272	0.1688	0.0717	26	-0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	2.240	0.2400	2.272	0.1688	0.0717	26	-0.19	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	2.250	0.0200	2.272	0.1688	0.0717	26	-0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0870	2.256	0.0110	2.272	0.1688	0.0717	26	-0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0083	2.265	0.0100	2.272	0.1688	0.0717	26	-0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	0505	2.295	0.0300	2.272	0.1688	0.0717	26	0.14	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	2.305	0.0300	2.272	0.1688	0.0717	26	0.20	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	2.309	0.1410	2.272	0.1688	0.0717	26	0.22	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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019.43	Calcium, ICP, Microwave (%)	0035	2.310	0.1400	2.272	0.1688	0.0717	26	0.23	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	2.370	0.0800	2.272	0.1688	0.0717	26	0.58	2%	0
019.43	Calcium, ICP, Microwave (%)	0089	2.385	0.0100	2.272	0.1688	0.0717	26	0.67	2%	0
019.43	Calcium, ICP, Microwave (%)	0407	2.436	0.0540	2.272	0.1688	0.0717	26	0.97	4%	0
019.43	Calcium, ICP, Microwave (%)	0202	2.440	0.2200	2.272	0.1688	0.0717	26	1.00	4%	0
019.43	Calcium, ICP, Microwave (%)	2234	2.455	0.0700	2.272	0.1688	0.0717	26	1.08	4%	0
019.43	Calcium, ICP, Microwave (%)	2089	2.490	0.2000	2.272	0.1688	0.0717	26	1.29	5%	0
019.43	Calcium, ICP, Microwave (%)	0964	2.495	0.1313	2.272	0.1688	0.0717	26	1.32	5%	0
019.43	Calcium, ICP, Microwave (%)	2192	2.585	0.0500	2.272	0.1688	0.0717	26	1.85	7%	0
019.44	Calcium, ICP, Dry ash (%)	0164	2.165	0.0300				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.988	0.0584	2.234	0.2289	0.0852	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	2.181	0.0330	2.234	0.2289	0.0852	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0560	2.227	0.2294	2.234	0.2289	0.0852	4			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	2.540	0.0200	2.234	0.2289	0.0852	4			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	2.100	0.0400				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	2.125	0.0500				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	2.190	0.0400				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0199	1.540	0.0340				3			2
019.99	Calcium, Miscellaneous (%)	0889	1.820	0.0200	2.113	0.2428	0.0867	6	-1.21	7%	0
019.99	Calcium, Miscellaneous (%)	0242	1.950	0.1800	2.113	0.2428	0.0867	6	-0.67	4%	0
019.99	Calcium, Miscellaneous (%)	0676	2.115	0.0100	2.113	0.2428	0.0867	6	0.01	0%	0
019.99	Calcium, Miscellaneous (%)	0868	2.135	0.0700	2.113	0.2428	0.0867	6	0.09	1%	0
019.99	Calcium, Miscellaneous (%)	0590	2.225	0.0500	2.113	0.2428	0.0867	6	0.46	3%	0
019.99	Calcium, Miscellaneous (%)	0100	2.435	0.1900	2.113	0.2428	0.0867	6	1.33	8%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	1.850	0.1000				2			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	1.970	0.2200				2			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	1.170	0.0600	1.776	0.4763	0.0765	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	1.540	0.0000	1.776	0.4763	0.0765	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0011	1.650	0.1000	1.776	0.4763	0.0765	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	2.245	0.0324	1.776	0.4763	0.0765	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	2.275	0.1900	1.776	0.4763	0.0765	5			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	1.335	0.0980				3			0
021.42	Cobalt, ICP, Open vessel (ppm)	2053	1.620	0.0600				3			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	2.385	0.5100				3			0
021.43	Cobalt, ICP, Microwave (ppm)	2234	1.815	0.2900	2.202	0.1843	0.2113	7	-2.10	9%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	2.100	0.2000	2.202	0.1843	0.2113	7	-0.55	2%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	2.200	0.0000	2.202	0.1843	0.2113	7	-0.01	0%	0
021.43	Cobalt, ICP, Microwave (ppm)	0353	2.214	0.7329	2.202	0.1843	0.2113	7	0.06	0%	0
021.43	Cobalt, ICP, Microwave (ppm)	0964	2.230	0.2200	2.202	0.1843	0.2113	7	0.15	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	2.264	0.0165	2.202	0.1843	0.2113	7	0.34	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	2.620	0.0200	2.202	0.1843	0.2113	7	2.27	10%	0
021.51	Cobalt, ICP-MS, Dry ash (ppm)	0066	1.989	0.0930				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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021.52	Cobalt, ICP-MS, Open vessel (ppm)	0047	1.070	0.1200	1.661	0.4073	0.1675	4			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	1.715	0.0300	1.661	0.4073	0.1675	4			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0560	1.910	0.1000	1.661	0.4073	0.1675	4			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	1.950	0.4200	1.661	0.4073	0.1675	4			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0199	1.050	0.1320	2.122	0.2229	0.1330	6	-4.81	25%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	2.065	0.2100	2.122	0.2229	0.1330	6	-0.25	1%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	2.100	0.0400	2.122	0.2229	0.1330	6	-0.10	1%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0914	2.143	0.1060	2.122	0.2229	0.1330	6	0.10	1%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0033	2.300	0.1400	2.122	0.2229	0.1330	6	0.80	4%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	2.335	0.1700	2.122	0.2229	0.1330	6	0.96	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	18.45	0.3000	32.71	11.00	1.043	9	-1.30	22%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	24.20	0.4000	32.71	11.00	1.043	9	-0.77	13%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	24.62	0.3700	32.71	11.00	1.043	9	-0.74	12%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	30.67	3.460	32.71	11.00	1.043	9	-0.19	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0868	32.70	2.600	32.71	11.00	1.043	9	0.00	0%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	33.54	0.0000	32.71	11.00	1.043	9	0.08	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0175	37.00	2.000	32.71	11.00	1.043	9	0.39	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	46.02	0.2600	32.71	11.00	1.043	9	1.21	20%	0
022.31	Copper, AAS, Dry ash (ppm)	0656	47.22	0.0000	32.71	11.00	1.043	9	1.32	22%	0
022.33	Copper, AAS, Microwave (ppm)	2246	7.919	0.1633	33.84	20.39	4.406	4			0
022.33	Copper, AAS, Microwave (ppm)	0948	27.66	0.6900	33.84	20.39	4.406	4			0
022.33	Copper, AAS, Microwave (ppm)	0904	46.59	5.170	33.84	20.39	4.406	4			0
022.33	Copper, AAS, Microwave (ppm)	0010	53.20	11.60	33.84	20.39	4.406	4			0
022.35	Copper, AAS, Dry ash (ppm)	2246	31.11	0.2503				1			0
022.41	Copper, ICP, Dry ash (ppm)	0598	21.58	1.150	29.19	6.484	1.053	19	-1.17	13%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	21.69	0.3400	29.19	6.484	1.053	19	-1.16	13%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	21.70	0.2000	29.19	6.484	1.053	19	-1.15	13%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	22.40	0.2000	29.19	6.484	1.053	19	-1.05	12%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	24.49	0.5100	29.19	6.484	1.053	19	-0.73	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	25.23	2.020	29.19	6.484	1.053	19	-0.61	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	25.50	1.000	29.19	6.484	1.053	19	-0.57	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	26.97	0.6600	29.19	6.484	1.053	19	-0.34	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	28.11	1.390	29.19	6.484	1.053	19	-0.17	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0074	29.50	1.000	29.19	6.484	1.053	19	0.05	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	30.83	1.840	29.19	6.484	1.053	19	0.25	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	30.93	1.060	29.19	6.484	1.053	19	0.27	3%	0
022.41	Copper, ICP, Dry ash (ppm)	2012	31.38	0.0700	29.19	6.484	1.053	19	0.34	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0878	32.00	2.000	29.19	6.484	1.053	19	0.43	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	32.52	0.1200	29.19	6.484	1.053	19	0.51	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	34.49	1.386	29.19	6.484	1.053	19	0.82	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	37.43	0.3300	29.19	6.484	1.053	19	1.27	14%	0
022.41	Copper, ICP, Dry ash (ppm)	0011	46.15	3.900	29.19	6.484	1.053	19	2.62	29%	0



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022.41	Copper, ICP, Dry ash (ppm)	0848	47.06	0.8400	29.19	6.484	1.053	19	2.76	31%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	34.00	6.000	29.19	6.484	1.053	19	0.74	8%	1
022.42	Copper, ICP, Open vessel (ppm)	0366	41.50	5.000	47.99	3.954	3.008	20	-1.64	7%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	42.25	1.500	47.99	3.954	3.008	20	-1.45	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	44.34	0.7200	47.99	3.954	3.008	20	-0.92	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	44.80	3.600	47.99	3.954	3.008	20	-0.81	3%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	45.06	0.1600	47.99	3.954	3.008	20	-0.74	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	45.35	6.300	47.99	3.954	3.008	20	-0.67	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	45.80	2.600	47.99	3.954	3.008	20	-0.55	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	46.19	0.3000	47.99	3.954	3.008	20	-0.46	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	46.45	4.900	47.99	3.954	3.008	20	-0.39	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	48.28	0.0100	47.99	3.954	3.008	20	0.07	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	48.31	0.3600	47.99	3.954	3.008	20	0.08	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	48.80	0.3410	47.99	3.954	3.008	20	0.20	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	49.34	0.3270	47.99	3.954	3.008	20	0.34	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	50.89	2.270	47.99	3.954	3.008	20	0.73	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	51.00	6.000	47.99	3.954	3.008	20	0.76	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	51.00	2.000	47.99	3.954	3.008	20	0.76	3%	0
022.42	Copper, ICP, Open vessel (ppm)	2053	51.25	9.300	47.99	3.954	3.008	20	0.82	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	52.05	3.700	47.99	3.954	3.008	20	1.03	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	53.17	9.766	47.99	3.954	3.008	20	1.31	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	53.50	1.000	47.99	3.954	3.008	20	1.39	6%	0
022.43	Copper, ICP, Microwave (ppm)	0297	13.00	0.0000	48.30	4.969	2.517	23	-7.10	37%	0
022.43	Copper, ICP, Microwave (ppm)	0169	43.45	0.5000	48.30	4.969	2.517	23	-0.98	5%	0
022.43	Copper, ICP, Microwave (ppm)	0017	43.50	1.532	48.30	4.969	2.517	23	-0.97	5%	0
022.43	Copper, ICP, Microwave (ppm)	0425	44.55	0.7000	48.30	4.969	2.517	23	-0.76	4%	0
022.43	Copper, ICP, Microwave (ppm)	0682	44.90	0.0000	48.30	4.969	2.517	23	-0.68	4%	0
022.43	Copper, ICP, Microwave (ppm)	0610	44.90	1.600	48.30	4.969	2.517	23	-0.68	4%	0
022.43	Copper, ICP, Microwave (ppm)	0353	45.00	6.000	48.30	4.969	2.517	23	-0.66	3%	0
022.43	Copper, ICP, Microwave (ppm)	2058	45.32	0.4300	48.30	4.969	2.517	23	-0.60	3%	0
022.43	Copper, ICP, Microwave (ppm)	0083	45.50	1.000	48.30	4.969	2.517	23	-0.56	3%	0
022.43	Copper, ICP, Microwave (ppm)	0033	46.25	7.300	48.30	4.969	2.517	23	-0.41	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	46.63	0.9900	48.30	4.969	2.517	23	-0.34	2%	0
022.43	Copper, ICP, Microwave (ppm)	0968	47.00	2.000	48.30	4.969	2.517	23	-0.26	1%	0
022.43	Copper, ICP, Microwave (ppm)	0407	47.64	0.2630	48.30	4.969	2.517	23	-0.13	1%	0
022.43	Copper, ICP, Microwave (ppm)	0202	47.75	2.500	48.30	4.969	2.517	23	-0.11	1%	0
022.43	Copper, ICP, Microwave (ppm)	0027	49.88	5.852	48.30	4.969	2.517	23	0.32	2%	0
022.43	Copper, ICP, Microwave (ppm)	0510	51.00	0.0000	48.30	4.969	2.517	23	0.54	3%	0
022.43	Copper, ICP, Microwave (ppm)	0870	51.24	3.610	48.30	4.969	2.517	23	0.59	3%	0
022.43	Copper, ICP, Microwave (ppm)	0675	52.19	5.950	48.30	4.969	2.517	23	0.78	4%	0
022.43	Copper, ICP, Microwave (ppm)	0964	52.19	2.330	48.30	4.969	2.517	23	0.78	4%	0
022.43	Copper, ICP, Microwave (ppm)	0505	54.73	2.540	48.30	4.969	2.517	23	1.29	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.43	Copper, ICP, Microwave (ppm)	0035	55.00	2.000	48.30	4.969	2.517	23	1.35	7%	0
022.43	Copper, ICP, Microwave (ppm)	2234	56.60	9.500	48.30	4.969	2.517	23	1.67	9%	0
022.43	Copper, ICP, Microwave (ppm)	2089	60.99	1.300	48.30	4.969	2.517	23	2.55	13%	0
022.44	Copper, ICP, Dry ash (ppm)	0164	30.00	0.0000				2			0
022.44	Copper, ICP, Dry ash (ppm)	0066	43.20	1.474				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	42.68	1.150				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	47.50	5.000				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0560	47.65	4.500				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0199	41.69	0.9200	47.88	6.098	6.600	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	43.65	11.10	47.88	6.098	6.600	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	48.13	1.940	47.88	6.098	6.600	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	48.45	11.90	47.88	6.098	6.600	5			0
022.53	Copper, ICP-MS, Microwave (ppm)	0914	57.48	7.140	47.88	6.098	6.600	5			0
022.99	Copper, Miscellaneous (ppm)	0590	23.75	1.500				3			0
022.99	Copper, Miscellaneous (ppm)	0242	45.00	6.000				3			0
022.99	Copper, Miscellaneous (ppm)	0100	47.50	1.000				3			0
024.52	Iodine, ICP-MS, Open vessel (ppm)	0910	2.430	1.054				1			0
025.31	Iron, AAS, Dry ash (ppm)	2246	222.4	0.5600	275.4	26.64	6.464	12	-1.99	10%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	242.6	3.440	275.4	26.64	6.464	12	-1.23	6%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	248.1	22.60	275.4	26.64	6.464	12	-1.02	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	268.7	2.900	275.4	26.64	6.464	12	-0.25	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0175	272.0	4.000	275.4	26.64	6.464	12	-0.13	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	276.7	8.570	275.4	26.64	6.464	12	0.05	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0868	283.0	8.000	275.4	26.64	6.464	12	0.29	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0505	286.5	4.700	275.4	26.64	6.464	12	0.42	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0014	287.0	4.000	275.4	26.64	6.464	12	0.44	2%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	291.5	0.0000	275.4	26.64	6.464	12	0.60	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0656	300.4	0.0000	275.4	26.64	6.464	12	0.94	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	312.8	18.80	275.4	26.64	6.464	12	1.40	7%	0
025.33	Iron, AAS, Microwave (ppm)	2246	237.5	0.5300				2			0
025.33	Iron, AAS, Microwave (ppm)	0904	287.4	36.84				2			0
025.41	Iron, ICP, Dry ash (ppm)	0619	210.0	0.0000	260.2	28.58	9.185	22	-1.76	10%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	215.1	5.700	260.2	28.58	9.185	22	-1.58	9%	0
025.41	Iron, ICP, Dry ash (ppm)	2012	230.1	4.880	260.2	28.58	9.185	22	-1.06	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	237.5	7.690	260.2	28.58	9.185	22	-0.80	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	237.8	3.100	260.2	28.58	9.185	22	-0.78	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	241.0	16.95	260.2	28.58	9.185	22	-0.67	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0123	244.5	1.000	260.2	28.58	9.185	22	-0.55	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	245.0	14.00	260.2	28.58	9.185	22	-0.53	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0011	248.0	6.000	260.2	28.58	9.185	22	-0.43	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	256.5	13.00	260.2	28.58	9.185	22	-0.13	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	259.5	7.000	260.2	28.58	9.185	22	-0.03	0%	0

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025.41	Iron, ICP, Dry ash (ppm)	0407	264.7	18.07	260.2	28.58	9.185	22	0.16	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0878	268.0	4.000	260.2	28.58	9.185	22	0.27	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0074	269.0	8.000	260.2	28.58	9.185	22	0.31	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	269.4	0.6000	260.2	28.58	9.185	22	0.32	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	275.3	11.70	260.2	28.58	9.185	22	0.53	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	277.0	11.67	260.2	28.58	9.185	22	0.59	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	278.1	0.1000	260.2	28.58	9.185	22	0.62	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	287.7	24.44	260.2	28.58	9.185	22	0.96	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	295.5	5.000	260.2	28.58	9.185	22	1.23	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	302.8	31.24	260.2	28.58	9.185	22	1.49	8%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	304.5	7.920	260.2	28.58	9.185	22	1.55	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	53.00	4.000	253.9	35.62	6.427	15	-5.64	40%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	181.3	1.470	253.9	35.62	6.427	15	-2.04	14%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	228.0	4.000	253.9	35.62	6.427	15	-0.73	5%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	234.5	11.00	253.9	35.62	6.427	15	-0.54	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	238.6	6.400	253.9	35.62	6.427	15	-0.43	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	239.0	22.00	253.9	35.62	6.427	15	-0.42	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	242.4	0.3000	253.9	35.62	6.427	15	-0.32	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	252.4	0.7000	253.9	35.62	6.427	15	-0.04	0%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	265.4	0.6000	253.9	35.62	6.427	15	0.32	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	270.5	19.00	253.9	35.62	6.427	15	0.47	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	275.4	2.800	253.9	35.62	6.427	15	0.60	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	279.5	15.00	253.9	35.62	6.427	15	0.72	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	286.6	6.699	253.9	35.62	6.427	15	0.92	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	293.3	0.4300	253.9	35.62	6.427	15	1.11	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	302.0	2.000	253.9	35.62	6.427	15	1.35	9%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	308.0	76.00	253.9	35.62	6.427	15	1.52	11%	1
025.43	Iron, ICP, Microwave (ppm)	2234	132.7	10.08	280.4	39.18	10.18	22	-3.77	26%	0
025.43	Iron, ICP, Microwave (ppm)	0169	198.0	16.00	280.4	39.18	10.18	22	-2.10	15%	0
025.43	Iron, ICP, Microwave (ppm)	0297	201.0	4.000	280.4	39.18	10.18	22	-2.03	14%	0
025.43	Iron, ICP, Microwave (ppm)	0968	233.5	1.000	280.4	39.18	10.18	22	-1.20	8%	0
025.43	Iron, ICP, Microwave (ppm)	2058	241.5	7.660	280.4	39.18	10.18	22	-0.99	7%	0
025.43	Iron, ICP, Microwave (ppm)	0675	254.3	2.310	280.4	39.18	10.18	22	-0.66	5%	0
025.43	Iron, ICP, Microwave (ppm)	0083	270.5	3.000	280.4	39.18	10.18	22	-0.25	2%	0
025.43	Iron, ICP, Microwave (ppm)	0682	279.5	0.0000	280.4	39.18	10.18	22	-0.02	0%	0
025.43	Iron, ICP, Microwave (ppm)	0860	282.7	0.0000	280.4	39.18	10.18	22	0.06	0%	0
025.43	Iron, ICP, Microwave (ppm)	0870	283.7	3.700	280.4	39.18	10.18	22	0.08	1%	0
025.43	Iron, ICP, Microwave (ppm)	0033	284.5	1.000	280.4	39.18	10.18	22	0.11	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	288.5	1.000	280.4	39.18	10.18	22	0.21	1%	0
025.43	Iron, ICP, Microwave (ppm)	0202	289.1	7.100	280.4	39.18	10.18	22	0.22	2%	0
025.43	Iron, ICP, Microwave (ppm)	0027	291.6	10.91	280.4	39.18	10.18	22	0.29	2%	0
025.43	Iron, ICP, Microwave (ppm)	0098	295.9	4.300	280.4	39.18	10.18	22	0.40	3%	0

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025.43	Iron, ICP, Microwave (ppm)	0964	300.3	18.50	280.4	39.18	10.18	22	0.51	4%	0
025.43	Iron, ICP, Microwave (ppm)	0353	304.0	14.00	280.4	39.18	10.18	22	0.60	4%	0
025.43	Iron, ICP, Microwave (ppm)	0407	306.5	0.7589	280.4	39.18	10.18	22	0.67	5%	0
025.43	Iron, ICP, Microwave (ppm)	0017	315.7	39.44	280.4	39.18	10.18	22	0.90	6%	0
025.43	Iron, ICP, Microwave (ppm)	0035	320.5	9.000	280.4	39.18	10.18	22	1.02	7%	0
025.43	Iron, ICP, Microwave (ppm)	0610	322.0	44.00	280.4	39.18	10.18	22	1.06	7%	0
025.43	Iron, ICP, Microwave (ppm)	2089	376.5	26.10	280.4	39.18	10.18	22	2.45	17%	0
025.43	Iron, ICP, Microwave (ppm)	0425	236.5	115.1	280.4	39.18	10.18	22	-1.12	8%	1
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	105.3	1.000				3			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	214.2	0.3500				3			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0560	267.2	35.80				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0199	105.0	22.00				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	271.0	0.0000				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	276.0	8.000				3			0
025.99	Iron, Miscellaneous (ppm)	0242	259.0	8.000				2			0
025.99	Iron, Miscellaneous (ppm)	0100	290.5	5.000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.2710	0.0000	0.3147	0.0100	0.0033	9	-4.38	7%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.3100	0.0000	0.3147	0.0100	0.0033	9	-0.47	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.3100	0.0000	0.3147	0.0100	0.0033	9	-0.47	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.3100	0.0000	0.3147	0.0100	0.0033	9	-0.47	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.3150	0.0100	0.3147	0.0100	0.0033	9	0.03	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.3158	0.0048	0.3147	0.0100	0.0033	9	0.11	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2246	0.3173	0.0025	0.3147	0.0100	0.0033	9	0.25	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.3250	0.0020	0.3147	0.0100	0.0033	9	1.03	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.3350	0.0100	0.3147	0.0100	0.0033	9	2.03	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	18.69	36.63	0.3147	0.0100	0.0033	9	1841.33	2918%	2
027.32	Magnesium, AAS, Open vessel (%)	0169	0.3450	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	2246	0.1897	0.0005				3			0
027.33	Magnesium, AAS, Microwave (%)	0904	0.3150	0.0100				3			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.3345	0.0090				3			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.2813	0.0003	0.3082	0.0131	0.0061	17	-2.05	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.2850	0.0100	0.3082	0.0131	0.0061	17	-1.77	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.2950	0.0100	0.3082	0.0131	0.0061	17	-1.01	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.3000	0.0000	0.3082	0.0131	0.0061	17	-0.63	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.3000	0.0200	0.3082	0.0131	0.0061	17	-0.63	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.3050	0.0100	0.3082	0.0131	0.0061	17	-0.24	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.3050	0.0100	0.3082	0.0131	0.0061	17	-0.24	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.3055	0.0010	0.3082	0.0131	0.0061	17	-0.21	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.3100	0.0200	0.3082	0.0131	0.0061	17	0.14	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.3100	0.0000	0.3082	0.0131	0.0061	17	0.14	0%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.3100	0.0000	0.3082	0.0131	0.0061	17	0.14	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.3130	0.0000	0.3082	0.0131	0.0061	17	0.37	1%	0



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027.41	Magnesium, ICP, Dry ash (%)	0354	0.3150	0.0100	0.3082	0.0131	0.0061	17	0.52	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.3200	0.0000	0.3082	0.0131	0.0061	17	0.90	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.3240	0.0000	0.3082	0.0131	0.0061	17	1.20	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.3250	0.0027	0.3082	0.0131	0.0061	17	1.28	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.3250	0.0100	0.3082	0.0131	0.0061	17	1.28	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.2725	0.0010	0.3094	0.0151	0.0085	19	-2.45	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.2874	0.0015	0.3094	0.0151	0.0085	19	-1.47	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.2911	0.0002	0.3094	0.0151	0.0085	19	-1.22	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.2950	0.0100	0.3094	0.0151	0.0085	19	-0.96	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.3000	0.0200	0.3094	0.0151	0.0085	19	-0.63	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.3000	0.0000	0.3094	0.0151	0.0085	19	-0.63	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.3050	0.0300	0.3094	0.0151	0.0085	19	-0.29	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.3075	0.0150	0.3094	0.0151	0.0085	19	-0.13	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.3080	0.0020	0.3094	0.0151	0.0085	19	-0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.3100	0.0200	0.3094	0.0151	0.0085	19	0.04	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.3150	0.0100	0.3094	0.0151	0.0085	19	0.37	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.3150	0.0300	0.3094	0.0151	0.0085	19	0.37	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.3180	0.0020	0.3094	0.0151	0.0085	19	0.57	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.3190	0.0038	0.3094	0.0151	0.0085	19	0.63	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.3200	0.0000	0.3094	0.0151	0.0085	19	0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.3200	0.0000	0.3094	0.0151	0.0085	19	0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.3245	0.0010	0.3094	0.0151	0.0085	19	1.00	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.3250	0.0100	0.3094	0.0151	0.0085	19	1.03	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.3495	0.0050	0.3094	0.0151	0.0085	19	2.66	6%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.2000	0.0000	0.3159	0.0228	0.0085	21	-5.09	18%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.2300	0.0200	0.3159	0.0228	0.0085	21	-3.77	14%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.2900	0.0200	0.3159	0.0228	0.0085	21	-1.14	4%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.2976	0.0059	0.3159	0.0228	0.0085	21	-0.81	3%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.3000	0.0000	0.3159	0.0228	0.0085	21	-0.70	3%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.3000	0.0000	0.3159	0.0228	0.0085	21	-0.70	3%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.3050	0.0300	0.3159	0.0228	0.0085	21	-0.48	2%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.3070	0.0000	0.3159	0.0228	0.0085	21	-0.39	1%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.3100	0.0000	0.3159	0.0228	0.0085	21	-0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.3104	0.0004	0.3159	0.0228	0.0085	21	-0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.3200	0.0000	0.3159	0.0228	0.0085	21	0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.3200	0.0000	0.3159	0.0228	0.0085	21	0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.3205	0.0010	0.3159	0.0228	0.0085	21	0.20	1%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.3248	0.0212	0.3159	0.0228	0.0085	21	0.39	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.3250	0.0100	0.3159	0.0228	0.0085	21	0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.3300	0.0000	0.3159	0.0228	0.0085	21	0.62	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.3350	0.0300	0.3159	0.0228	0.0085	21	0.84	3%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.3400	0.0200	0.3159	0.0228	0.0085	21	1.06	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.43	Magnesium, ICP, Microwave (%)	0682	0.3400	0.0000	0.3159	0.0228	0.0085	21	1.06	4%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.3450	0.0100	0.3159	0.0228	0.0085	21	1.28	5%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.3550	0.0100	0.3159	0.0228	0.0085	21	1.72	6%	0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.3055	0.0010				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.3007	0.0162				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0560	0.3180	0.0229				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.3212	0.0005				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	0.2330	0.0040	0.2905	0.0389	0.0020	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.3000	0.0000	0.2905	0.0389	0.0020	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.3140	0.0000	0.2905	0.0389	0.0020	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.3150	0.0040	0.2905	0.0389	0.0020	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.2950	0.0100	0.3213	0.0256	0.0050	4			0
027.99	Magnesium, Miscellaneous (%)	0590	0.3100	0.0000	0.3213	0.0256	0.0050	4			0
027.99	Magnesium, Miscellaneous (%)	0889	0.3250	0.0000	0.3213	0.0256	0.0050	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.3550	0.0100	0.3213	0.0256	0.0050	4			0
028.31	Manganese, AAS, Dry ash (ppm)	0536	164.8	2.850	176.1	5.768	1.654	9	-1.96	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	172.1	0.0000	176.1	5.768	1.654	9	-0.70	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	172.6	1.140	176.1	5.768	1.654	9	-0.60	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0175	175.0	2.000	176.1	5.768	1.654	9	-0.19	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	176.1	4.100	176.1	5.768	1.654	9	0.00	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	177.3	1.400	176.1	5.768	1.654	9	0.21	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0868	179.5	1.000	176.1	5.768	1.654	9	0.59	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	180.0	1.400	176.1	5.768	1.654	9	0.68	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0656	215.9	1.000	176.1	5.768	1.654	9	6.90	11%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	173.7	15.60	176.1	5.768	1.654	9	-0.41	1%	1
028.33	Manganese, AAS, Microwave (ppm)	0948	163.7	6.540				3			0
028.33	Manganese, AAS, Microwave (ppm)	2246	165.0	1.476				3			0
028.33	Manganese, AAS, Microwave (ppm)	0904	202.9	26.10				3			0
028.34	Manganese, AAS, Dry ash (ppm)	2246	155.7	2.296				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0226	151.3	3.160	169.2	12.61	6.093	19	-1.42	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	151.5	1.000	169.2	12.61	6.093	19	-1.40	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	157.0	0.0000	169.2	12.61	6.093	19	-0.97	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	158.1	7.680	169.2	12.61	6.093	19	-0.88	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	2012	159.1	0.7500	169.2	12.61	6.093	19	-0.80	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	160.2	2.830	169.2	12.61	6.093	19	-0.72	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	166.5	6.600	169.2	12.61	6.093	19	-0.21	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0074	167.0	6.000	169.2	12.61	6.093	19	-0.18	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	169.7	1.700	169.2	12.61	6.093	19	0.03	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	170.9	9.370	169.2	12.61	6.093	19	0.14	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	171.6	8.428	169.2	12.61	6.093	19	0.19	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	172.0	20.00	169.2	12.61	6.093	19	0.22	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0878	172.5	5.000	169.2	12.61	6.093	19	0.26	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (ppm)	0019	172.6	0.3000	169.2	12.61	6.093	19	0.26	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	174.5	5.000	169.2	12.61	6.093	19	0.42	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	180.3	13.84	169.2	12.61	6.093	19	0.88	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0011	184.0	18.00	169.2	12.61	6.093	19	1.17	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	189.1	0.5360	169.2	12.61	6.093	19	1.58	6%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	189.6	5.570	169.2	12.61	6.093	19	1.62	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	173.4	1.100	190.8	10.08	3.368	19	-1.73	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	180.5	3.000	190.8	10.08	3.368	19	-1.02	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	181.0	3.500	190.8	10.08	3.368	19	-0.98	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	181.0	2.000	190.8	10.08	3.368	19	-0.97	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	181.8	0.0200	190.8	10.08	3.368	19	-0.90	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	183.0	8.000	190.8	10.08	3.368	19	-0.77	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	2053	184.5	3.000	190.8	10.08	3.368	19	-0.63	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	186.0	2.000	190.8	10.08	3.368	19	-0.48	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	189.5	3.000	190.8	10.08	3.368	19	-0.13	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	194.2	2.938	190.8	10.08	3.368	19	0.33	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	195.0	4.000	190.8	10.08	3.368	19	0.42	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	195.5	3.000	190.8	10.08	3.368	19	0.47	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	196.5	0.9200	190.8	10.08	3.368	19	0.56	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	196.7	5.140	190.8	10.08	3.368	19	0.58	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	197.5	5.000	190.8	10.08	3.368	19	0.66	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	197.6	1.400	190.8	10.08	3.368	19	0.67	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	199.7	10.18	190.8	10.08	3.368	19	0.88	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	203.9	1.600	190.8	10.08	3.368	19	1.30	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	216.3	4.200	190.8	10.08	3.368	19	2.53	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	192.0	28.00	190.8	10.08	3.368	19	0.12	0%	1
028.43	Manganese, ICP, Microwave (ppm)	0297	91.50	3.000	193.3	13.49	6.366	22	-7.54	26%	0
028.43	Manganese, ICP, Microwave (ppm)	2058	175.9	2.950	193.3	13.49	6.366	22	-1.29	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	176.0	8.000	193.3	13.49	6.366	22	-1.28	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	179.2	0.0000	193.3	13.49	6.366	22	-1.04	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	183.5	1.000	193.3	13.49	6.366	22	-0.72	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	184.4	6.200	193.3	13.49	6.366	22	-0.66	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	186.0	6.000	193.3	13.49	6.366	22	-0.54	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	187.5	1.000	193.3	13.49	6.366	22	-0.43	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	188.4	3.800	193.3	13.49	6.366	22	-0.36	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	190.6	10.30	193.3	13.49	6.366	22	-0.20	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	193.5	1.000	193.3	13.49	6.366	22	0.02	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	194.5	1.000	193.3	13.49	6.366	22	0.09	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	196.5	5.000	193.3	13.49	6.366	22	0.24	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	199.3	9.756	193.3	13.49	6.366	22	0.45	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	200.0	11.59	193.3	13.49	6.366	22	0.50	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	200.2	9.300	193.3	13.49	6.366	22	0.51	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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028.43	Manganese, ICP, Microwave (ppm)	0675	200.4	0.1500	193.3	13.49	6.366	22	0.53	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	201.0	16.00	193.3	13.49	6.366	22	0.57	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0914	206.3	23.36	193.3	13.49	6.366	22	0.97	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	210.8	2.550	193.3	13.49	6.366	22	1.30	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	211.5	5.000	193.3	13.49	6.366	22	1.35	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	215.9	13.10	193.3	13.49	6.366	22	1.67	6%	0
028.44	Manganese, ICP, Dry ash (ppm)	0164	154.5	1.000				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0066	163.2	3.140				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	198.0	8.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0560	203.0	7.100				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0199	177.2	18.64	182.5	4.894	8.160	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	181.5	3.000	182.5	4.894	8.160	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	182.5	5.000	182.5	4.894	8.160	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	189.0	6.000	182.5	4.894	8.160	4			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2234	216.9	1.830	182.5	4.894	8.160	4			2
028.99	Manganese, Miscellaneous (ppm)	0590	145.0	10.00				3			0
028.99	Manganese, Miscellaneous (ppm)	0242	179.5	7.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	218.0	16.00				3			0
031.00	Phosphorus, Vol (%)	0893	0.7250	0.0100				1			0
031.01	Phosphorus, Photometric (%)	0884	0.3750	0.0900	0.7423	0.0344	0.0166	34	-10.68	25%	0
031.01	Phosphorus, Photometric (%)	2144	0.6700	0.0000	0.7423	0.0344	0.0166	34	-2.10	5%	0
031.01	Phosphorus, Photometric (%)	2062	0.6711	0.0154	0.7423	0.0344	0.0166	34	-2.07	5%	0
031.01	Phosphorus, Photometric (%)	0626	0.6880	0.0360	0.7423	0.0344	0.0166	34	-1.58	4%	0
031.01	Phosphorus, Photometric (%)	2146	0.7000	0.0200	0.7423	0.0344	0.0166	34	-1.23	3%	0
031.01	Phosphorus, Photometric (%)	2325	0.7100	0.0000	0.7423	0.0344	0.0166	34	-0.94	2%	0
031.01	Phosphorus, Photometric (%)	0018	0.7130	0.0040	0.7423	0.0344	0.0166	34	-0.85	2%	0
031.01	Phosphorus, Photometric (%)	0175	0.7200	0.0000	0.7423	0.0344	0.0166	34	-0.65	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.7200	0.0200	0.7423	0.0344	0.0166	34	-0.65	1%	0
031.01	Phosphorus, Photometric (%)	0868	0.7250	0.0100	0.7423	0.0344	0.0166	34	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.7250	0.0100	0.7423	0.0344	0.0166	34	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.7300	0.0000	0.7423	0.0344	0.0166	34	-0.36	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.7400	0.0200	0.7423	0.0344	0.0166	34	-0.07	0%	0
031.01	Phosphorus, Photometric (%)	0590	0.7400	0.0200	0.7423	0.0344	0.0166	34	-0.07	0%	0
031.01	Phosphorus, Photometric (%)	0683	0.7400	0.0200	0.7423	0.0344	0.0166	34	-0.07	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.7425	0.0007	0.7423	0.0344	0.0166	34	0.01	0%	0
031.01	Phosphorus, Photometric (%)	0885	0.7443	0.0148	0.7423	0.0344	0.0166	34	0.06	0%	0
031.01	Phosphorus, Photometric (%)	2295	0.7450	0.0100	0.7423	0.0344	0.0166	34	0.08	0%	0
031.01	Phosphorus, Photometric (%)	0878	0.7500	0.0200	0.7423	0.0344	0.0166	34	0.23	1%	0
031.01	Phosphorus, Photometric (%)	2196	0.7510	0.0000	0.7423	0.0344	0.0166	34	0.25	1%	0
031.01	Phosphorus, Photometric (%)	0881	0.7520	0.0060	0.7423	0.0344	0.0166	34	0.28	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.7521	0.0060	0.7423	0.0344	0.0166	34	0.29	1%	0
031.01	Phosphorus, Photometric (%)	0904	0.7550	0.0300	0.7423	0.0344	0.0166	34	0.37	1%	0



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031.01	Phosphorus, Photometric (%)	2246	0.7550	0.0100	0.7423	0.0344	0.0166	34	0.37	1%	0
031.01	Phosphorus, Photometric (%)	2109	0.7565	0.0070	0.7423	0.0344	0.0166	34	0.41	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.7600	0.0200	0.7423	0.0344	0.0166	34	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.7650	0.0700	0.7423	0.0344	0.0166	34	0.66	2%	0
031.01	Phosphorus, Photometric (%)	2006	0.7660	0.0340	0.7423	0.0344	0.0166	34	0.69	2%	0
031.01	Phosphorus, Photometric (%)	2192	0.7700	0.0000	0.7423	0.0344	0.0166	34	0.81	2%	0
031.01	Phosphorus, Photometric (%)	2188	0.7800	0.0000	0.7423	0.0344	0.0166	34	1.10	3%	0
031.01	Phosphorus, Photometric (%)	2181	0.7850	0.0100	0.7423	0.0344	0.0166	34	1.24	3%	0
031.01	Phosphorus, Photometric (%)	2302	0.7950	0.0500	0.7423	0.0344	0.0166	34	1.53	4%	0
031.01	Phosphorus, Photometric (%)	0656	0.8200	0.0000	0.7423	0.0344	0.0166	34	2.26	5%	0
031.01	Phosphorus, Photometric (%)	2022	0.8450	0.0100	0.7423	0.0344	0.0166	34	2.99	7%	0
031.01	Phosphorus, Photometric (%)	0108	0.5150	0.1500	0.7423	0.0344	0.0166	34	-6.61	15%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.7850	0.0500				1			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.7250	0.0100				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.7535	0.0170				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.7400	0.0000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.6800	0.0400	0.7423	0.0283	0.0140	24	-2.20	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.7050	0.0100	0.7423	0.0283	0.0140	24	-1.32	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.7100	0.0200	0.7423	0.0283	0.0140	24	-1.14	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.7100	0.0200	0.7423	0.0283	0.0140	24	-1.14	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.7248	0.0113	0.7423	0.0283	0.0140	24	-0.62	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.7250	0.0100	0.7423	0.0283	0.0140	24	-0.61	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.7250	0.0100	0.7423	0.0283	0.0140	24	-0.61	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.7300	0.0200	0.7423	0.0283	0.0140	24	-0.43	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.7309	0.0135	0.7423	0.0283	0.0140	24	-0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.7330	0.0020	0.7423	0.0283	0.0140	24	-0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.7350	0.0100	0.7423	0.0283	0.0140	24	-0.26	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.7400	0.0200	0.7423	0.0283	0.0140	24	-0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.7400	0.0200	0.7423	0.0283	0.0140	24	-0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.7450	0.0500	0.7423	0.0283	0.0140	24	0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.7450	0.0100	0.7423	0.0283	0.0140	24	0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.7495	0.0010	0.7423	0.0283	0.0140	24	0.26	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.7527	0.0020	0.7423	0.0283	0.0140	24	0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.7600	0.0400	0.7423	0.0283	0.0140	24	0.63	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.7650	0.0100	0.7423	0.0283	0.0140	24	0.80	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.7650	0.0100	0.7423	0.0283	0.0140	24	0.80	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.7700	0.0000	0.7423	0.0283	0.0140	24	0.98	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.7885	0.0050	0.7423	0.0283	0.0140	24	1.64	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.7980	0.0020	0.7423	0.0283	0.0140	24	1.97	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.9000	0.0000	0.7423	0.0283	0.0140	24	5.58	11%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.6700	0.0000	0.7346	0.0474	0.0144	19	-1.36	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.6750	0.0100	0.7346	0.0474	0.0144	19	-1.26	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			
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.6755	0.0090	0.7346	0.0474	0.0144	19	-1.25	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.6850	0.0200	0.7346	0.0474	0.0144	19	-1.05	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.6910	0.0720	0.7346	0.0474	0.0144	19	-0.92	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.7050	0.0300	0.7346	0.0474	0.0144	19	-0.63	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.7200	0.0200	0.7346	0.0474	0.0144	19	-0.31	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2053	0.7250	0.0300	0.7346	0.0474	0.0144	19	-0.20	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.7300	0.0000	0.7346	0.0474	0.0144	19	-0.10	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.7327	0.0010	0.7346	0.0474	0.0144	19	-0.04	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.7531	0.0041	0.7346	0.0474	0.0144	19	0.39	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.7550	0.0100	0.7346	0.0474	0.0144	19	0.43	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.7552	0.0118	0.7346	0.0474	0.0144	19	0.43	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.7655	0.0030	0.7346	0.0474	0.0144	19	0.65	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.7700	0.0000	0.7346	0.0474	0.0144	19	0.75	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.7834	0.0103	0.7346	0.0474	0.0144	19	1.03	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.7845	0.0170	0.7346	0.0474	0.0144	19	1.05	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.7875	0.0150	0.7346	0.0474	0.0144	19	1.11	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.7950	0.0100	0.7346	0.0474	0.0144	19	1.27	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.8050	0.1500	0.7346	0.0474	0.0144	19	1.48	5%	1
031.43	Phosphorus, ICP, Microwave (%)	0089	0.6450	0.0100	0.7571	0.0443	0.0155	24	-2.53	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.6550	0.0300	0.7571	0.0443	0.0155	24	-2.31	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.7050	0.0100	0.7571	0.0443	0.0155	24	-1.18	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.7110	0.0220	0.7571	0.0443	0.0155	24	-1.04	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.7250	0.0300	0.7571	0.0443	0.0155	24	-0.72	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.7324	0.0157	0.7571	0.0443	0.0155	24	-0.56	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.7350	0.0100	0.7571	0.0443	0.0155	24	-0.50	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2234	0.7350	0.0100	0.7571	0.0443	0.0155	24	-0.50	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.7370	0.0040	0.7571	0.0443	0.0155	24	-0.45	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.7400	0.0200	0.7571	0.0443	0.0155	24	-0.39	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.7484	0.0031	0.7571	0.0443	0.0155	24	-0.20	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.7550	0.0100	0.7571	0.0443	0.0155	24	-0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.7600	0.0200	0.7571	0.0443	0.0155	24	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.7600	0.0000	0.7571	0.0443	0.0155	24	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.7687	0.0026	0.7571	0.0443	0.0155	24	0.26	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.7750	0.0100	0.7571	0.0443	0.0155	24	0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.7800	0.0200	0.7571	0.0443	0.0155	24	0.52	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2058	0.7850	0.0300	0.7571	0.0443	0.0155	24	0.63	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.7865	0.0010	0.7571	0.0443	0.0155	24	0.66	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.7896	0.0030	0.7571	0.0443	0.0155	24	0.73	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0914	0.7900	0.0400	0.7571	0.0443	0.0155	24	0.74	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.8250	0.0500	0.7571	0.0443	0.0155	24	1.53	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.8250	0.0100	0.7571	0.0443	0.0155	24	1.53	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.8750	0.0100	0.7571	0.0443	0.0155	24	2.66	8%	0

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031.44	Phosphorus, ICP, Dry ash (%)	0164	0.7265	0.0050				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.7545	0.0290				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.7395	0.0227				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.7458	0.0025				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0560	0.7567	0.0310				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.5540	0.0760	0.7099	0.1160	0.0318	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.7000	0.0200	0.7099	0.1160	0.0318	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.7595	0.0150	0.7099	0.1160	0.0318	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.8260	0.0160	0.7099	0.1160	0.0318	4			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.5750	0.0000	0.7620	0.1613	0.0140	5			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.7000	0.0200	0.7620	0.1613	0.0140	5			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.7350	0.0100	0.7620	0.1613	0.0140	5			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.7850	0.0100	0.7620	0.1613	0.0140	5			0
031.99	Phosphorus, Miscellaneous (%)	0852	1.015	0.0300	0.7620	0.1613	0.0140	5			0
032.31	Potassium, AAS, Dry ash (%)	2022	0.7170	0.0020	0.8257	0.0911	0.0117	11	-1.19	7%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.7300	0.0200	0.8257	0.0911	0.0117	11	-1.05	6%	0
032.31	Potassium, AAS, Dry ash (%)	0536	0.7700	0.0400	0.8257	0.0911	0.0117	11	-0.61	3%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.7804	0.0006	0.8257	0.0911	0.0117	11	-0.50	3%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.8100	0.0000	0.8257	0.0911	0.0117	11	-0.17	1%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.8100	0.0200	0.8257	0.0911	0.0117	11	-0.17	1%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.8250	0.0100	0.8257	0.0911	0.0117	11	-0.01	0%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.8320	0.0280	0.8257	0.0911	0.0117	11	0.07	0%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.9100	0.0000	0.8257	0.0911	0.0117	11	0.92	5%	0
032.31	Potassium, AAS, Dry ash (%)	2246	0.9359	0.0086	0.8257	0.0911	0.0117	11	1.21	7%	0
032.31	Potassium, AAS, Dry ash (%)	0656	1.010	0.0000	0.8257	0.0911	0.0117	11	2.02	11%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.9900	0.0400				1			0
032.33	Potassium, AAS, Microwave (%)	2246	11.50	0.1438				1			0
032.41	Potassium, ICP, Dry ash (%)	0004	0.6000	0.1000	0.8122	0.0942	0.0200	22	-2.25	13%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.6440	0.0020	0.8122	0.0942	0.0200	22	-1.79	10%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.7050	0.0700	0.8122	0.0942	0.0200	22	-1.14	7%	0
032.41	Potassium, ICP, Dry ash (%)	0123	0.7100	0.0200	0.8122	0.0942	0.0200	22	-1.09	6%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.7250	0.0300	0.8122	0.0942	0.0200	22	-0.93	5%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.7390	0.0017	0.8122	0.0942	0.0200	22	-0.78	5%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.7550	0.0100	0.8122	0.0942	0.0200	22	-0.61	4%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.7750	0.0100	0.8122	0.0942	0.0200	22	-0.40	2%	0
032.41	Potassium, ICP, Dry ash (%)	0354	0.7900	0.0000	0.8122	0.0942	0.0200	22	-0.24	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.8150	0.0100	0.8122	0.0942	0.0200	22	0.03	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.8250	0.0860	0.8122	0.0942	0.0200	22	0.14	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.8400	0.0000	0.8122	0.0942	0.0200	22	0.29	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.8425	0.0050	0.8122	0.0942	0.0200	22	0.32	2%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.8450	0.0100	0.8122	0.0942	0.0200	22	0.35	2%	0
032.41	Potassium, ICP, Dry ash (%)	0878	0.8500	0.0000	0.8122	0.0942	0.0200	22	0.40	2%	0

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032.41	Potassium, ICP, Dry ash (%)	0171	0.8650	0.0100	0.8122	0.0942	0.0200	22	0.56	3%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.8850	0.0100	0.8122	0.0942	0.0200	22	0.77	4%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.8900	0.0200	0.8122	0.0942	0.0200	22	0.83	5%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.8995	0.0110	0.8122	0.0942	0.0200	22	0.93	5%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.9030	0.0252	0.8122	0.0942	0.0200	22	0.96	6%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.9150	0.0100	0.8122	0.0942	0.0200	22	1.09	6%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.000	0.0000	0.8122	0.0942	0.0200	22	1.99	12%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.8300	0.0120	0.9380	0.0582	0.0310	19	-1.86	6%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.8450	0.0128	0.9380	0.0582	0.0310	19	-1.60	5%	0
032.42	Potassium, ICP, Open vessel (%)	2053	0.8500	0.0200	0.9380	0.0582	0.0310	19	-1.51	5%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.9050	0.0100	0.9380	0.0582	0.0310	19	-0.57	2%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.9100	0.1200	0.9380	0.0582	0.0310	19	-0.48	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.9100	0.1200	0.9380	0.0582	0.0310	19	-0.48	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.9215	0.0190	0.9380	0.0582	0.0310	19	-0.28	1%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.9261	0.0145	0.9380	0.0582	0.0310	19	-0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.9300	0.0200	0.9380	0.0582	0.0310	19	-0.14	0%	0
032.42	Potassium, ICP, Open vessel (%)	0047	0.9400	0.1200	0.9380	0.0582	0.0310	19	0.03	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.9410	0.0140	0.9380	0.0582	0.0310	19	0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.9439	0.0096	0.9380	0.0582	0.0310	19	0.10	0%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.9750	0.0100	0.9380	0.0582	0.0310	19	0.64	2%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.9785	0.0170	0.9380	0.0582	0.0310	19	0.70	2%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.9890	0.0160	0.9380	0.0582	0.0310	19	0.88	3%	0
032.42	Potassium, ICP, Open vessel (%)	0366	0.9900	0.0200	0.9380	0.0582	0.0310	19	0.89	3%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.9950	0.0100	0.9380	0.0582	0.0310	19	0.98	3%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.000	0.0200	0.9380	0.0582	0.0310	19	1.07	3%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.015	0.0047	0.9380	0.0582	0.0310	19	1.33	4%	0
032.43	Potassium, ICP, Microwave (%)	2234	0.5550	0.0500	0.9562	0.0628	0.0197	25	-6.39	21%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.8929	0.0610	0.9562	0.0628	0.0197	25	-1.01	3%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.9000	0.0200	0.9562	0.0628	0.0197	25	-0.90	3%	0
032.43	Potassium, ICP, Microwave (%)	0505	0.9000	0.0600	0.9562	0.0628	0.0197	25	-0.90	3%	0
032.43	Potassium, ICP, Microwave (%)	2058	0.9010	0.0480	0.9562	0.0628	0.0197	25	-0.88	3%	0
032.43	Potassium, ICP, Microwave (%)	0010	0.9050	0.0100	0.9562	0.0628	0.0197	25	-0.82	3%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.9100	0.0000	0.9562	0.0628	0.0197	25	-0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.9100	0.0200	0.9562	0.0628	0.0197	25	-0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.9207	0.0095	0.9562	0.0628	0.0197	25	-0.57	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.9300	0.0200	0.9562	0.0628	0.0197	25	-0.42	1%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.9350	0.0100	0.9562	0.0628	0.0197	25	-0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.9500	0.0200	0.9562	0.0628	0.0197	25	-0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.9550	0.0100	0.9562	0.0628	0.0197	25	-0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.9580	0.0000	0.9562	0.0628	0.0197	25	0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0914	0.9600	0.0400	0.9562	0.0628	0.0197	25	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.9625	0.0010	0.9562	0.0628	0.0197	25	0.10	0%	0



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032.43	Potassium, ICP, Microwave (%)	0035	0.9650	0.0100	0.9562	0.0628	0.0197	25	0.14	0%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.9800	0.0000	0.9562	0.0628	0.0197	25	0.38	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.9950	0.0300	0.9562	0.0628	0.0197	25	0.62	2%	0
032.43	Potassium, ICP, Microwave (%)	0089	1.000	0.0000	0.9562	0.0628	0.0197	25	0.70	2%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.025	0.0300	0.9562	0.0628	0.0197	25	1.09	4%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.040	0.0000	0.9562	0.0628	0.0197	25	1.33	4%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.048	0.0224	0.9562	0.0628	0.0197	25	1.46	5%	0
032.43	Potassium, ICP, Microwave (%)	2192	1.060	0.0200	0.9562	0.0628	0.0197	25	1.65	5%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.100	0.0000	0.9562	0.0628	0.0197	25	2.29	8%	0
032.44	Potassium, ICP, Dry ash (%)	0164	0.8125	0.0070				2			0
032.44	Potassium, ICP, Dry ash (%)	2319	0.9385	0.0390				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.8795	0.0351				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0560	0.9568	0.0338				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.9683	0.0006				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	0.7800	0.1000	0.8805	0.0936	0.0380	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.8610	0.0140	0.8805	0.0936	0.0380	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.8750	0.0100	0.8805	0.0936	0.0380	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.006	0.0280	0.8805	0.0936	0.0380	4			0
032.99	Potassium, Miscellaneous (%)	0590	0.7900	0.0200	0.9039	0.0796	0.0171	5			0
032.99	Potassium, Miscellaneous (%)	0889	0.8775	0.0050	0.9039	0.0796	0.0171	5			0
032.99	Potassium, Miscellaneous (%)	0242	0.9050	0.0300	0.9039	0.0796	0.0171	5			0
032.99	Potassium, Miscellaneous (%)	0001	0.9420	0.0005	0.9039	0.0796	0.0171	5			0
032.99	Potassium, Miscellaneous (%)	0100	1.005	0.0300	0.9039	0.0796	0.0171	5			0
033.00	Salt as chloride, Sol Cl (%)	0171	0.9250	0.0100	1.035	0.0553	0.0168	25	-1.98	5%	0
033.00	Salt as chloride, Sol Cl (%)	2076	0.9400	0.0000	1.035	0.0553	0.0168	25	-1.71	5%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.9465	0.0008	1.035	0.0553	0.0168	25	-1.60	4%	0
033.00	Salt as chloride, Sol Cl (%)	2246	0.9672	0.0000	1.035	0.0553	0.0168	25	-1.22	3%	0
033.00	Salt as chloride, Sol Cl (%)	0893	0.9850	0.0300	1.035	0.0553	0.0168	25	-0.90	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.9950	0.0100	1.035	0.0553	0.0168	25	-0.72	2%	0
033.00	Salt as chloride, Sol Cl (%)	0298	1.000	0.0200	1.035	0.0553	0.0168	25	-0.63	2%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.000	0.0200	1.035	0.0553	0.0168	25	-0.63	2%	0
033.00	Salt as chloride, Sol Cl (%)	2022	1.012	0.0000	1.035	0.0553	0.0168	25	-0.41	1%	0
033.00	Salt as chloride, Sol Cl (%)	0123	1.030	0.0200	1.035	0.0553	0.0168	25	-0.09	0%	0
033.00	Salt as chloride, Sol Cl (%)	0881	1.031	0.0220	1.035	0.0553	0.0168	25	-0.07	0%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.035	0.0500	1.035	0.0553	0.0168	25	0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.050	0.0400	1.035	0.0553	0.0168	25	0.28	1%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.055	0.0007	1.035	0.0553	0.0168	25	0.36	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.055	0.0290	1.035	0.0553	0.0168	25	0.37	1%	0
033.00	Salt as chloride, Sol Cl (%)	0897	1.060	0.0200	1.035	0.0553	0.0168	25	0.46	1%	0
033.00	Salt as chloride, Sol Cl (%)	0366	1.065	0.0100	1.035	0.0553	0.0168	25	0.55	1%	0
033.00	Salt as chloride, Sol Cl (%)	2295	1.065	0.0100	1.035	0.0553	0.0168	25	0.55	1%	0
033.00	Salt as chloride, Sol Cl (%)	2146	1.070	0.0000	1.035	0.0553	0.0168	25	0.64	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			
033.00	Salt as chloride, Sol Cl (%)	2196	1.070	0.0000	1.035	0.0553	0.0168	25	0.64	2%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.074	0.0150	1.035	0.0553	0.0168	25	0.70	2%	0
033.00	Salt as chloride, Sol Cl (%)	2062	1.076	0.0030	1.035	0.0553	0.0168	25	0.75	2%	0
033.00	Salt as chloride, Sol Cl (%)	0904	1.090	0.0800	1.035	0.0553	0.0168	25	1.00	3%	0
033.00	Salt as chloride, Sol Cl (%)	0878	1.110	0.0000	1.035	0.0553	0.0168	25	1.36	4%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.125	0.0300	1.035	0.0553	0.0168	25	1.63	4%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.9950	0.1300	1.035	0.0553	0.0168	25	-0.72	2%	1
033.01	Salt as chloride, Poten Cl (%)	0425	0.9900	0.0000	1.062	0.0211	0.0131	27	-3.39	3%	0
033.01	Salt as chloride, Poten Cl (%)	0003	1.000	0.0000	1.062	0.0211	0.0131	27	-2.91	3%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.035	0.0100	1.062	0.0211	0.0131	27	-1.26	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.035	0.0100	1.062	0.0211	0.0131	27	-1.26	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.040	0.0000	1.062	0.0211	0.0131	27	-1.02	1%	0
033.01	Salt as chloride, Poten Cl (%)	2109	1.050	0.0460	1.062	0.0211	0.0131	27	-0.55	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	1.050	0.0000	1.062	0.0211	0.0131	27	-0.55	1%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.050	0.0000	1.062	0.0211	0.0131	27	-0.55	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.055	0.0000	1.062	0.0211	0.0131	27	-0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.055	0.0100	1.062	0.0211	0.0131	27	-0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.055	0.0300	1.062	0.0211	0.0131	27	-0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.055	0.0100	1.062	0.0211	0.0131	27	-0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	2146	1.055	0.0100	1.062	0.0211	0.0131	27	-0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	2319	1.060	0.0200	1.062	0.0211	0.0131	27	-0.07	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.065	0.0100	1.062	0.0211	0.0131	27	0.16	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.065	0.0100	1.062	0.0211	0.0131	27	0.16	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.070	0.0200	1.062	0.0211	0.0131	27	0.40	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.070	0.0000	1.062	0.0211	0.0131	27	0.40	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.070	0.0000	1.062	0.0211	0.0131	27	0.40	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.070	0.0120	1.062	0.0211	0.0131	27	0.40	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.075	0.0100	1.062	0.0211	0.0131	27	0.64	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.080	0.0200	1.062	0.0211	0.0131	27	0.87	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.080	0.0000	1.062	0.0211	0.0131	27	0.87	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.085	0.0100	1.062	0.0211	0.0131	27	1.11	1%	0
033.01	Salt as chloride, Poten Cl (%)	2268	1.090	0.0400	1.062	0.0211	0.0131	27	1.35	1%	0
033.01	Salt as chloride, Poten Cl (%)	0199	1.105	0.0050	1.062	0.0211	0.0131	27	2.03	2%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.187	0.0720	1.062	0.0211	0.0131	27	5.94	6%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.150	0.1000	1.062	0.0211	0.0131	27	4.19	4%	1
033.03	Salt as chloride, Quantab (%)	0726	0.6900	0.0400	0.9530	0.1858	0.0420	5			0
033.03	Salt as chloride, Quantab (%)	0265	0.9150	0.0300	0.9530	0.1858	0.0420	5			0
033.03	Salt as chloride, Quantab (%)	0505	0.9600	0.0800	0.9530	0.1858	0.0420	5			0
033.03	Salt as chloride, Quantab (%)	0190	0.9900	0.0600	0.9530	0.1858	0.0420	5			0
033.03	Salt as chloride, Quantab (%)	0144	1.210	0.0000	0.9530	0.1858	0.0420	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.050	0.0200				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	1.105	0.0500				2			0

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033.99	Salt, Miscellaneous (%)	0536	0.7000	0.0000	1.003	0.1369	0.0237	10	-2.21	15%	0
033.99	Salt, Miscellaneous (%)	2129	0.8485	0.0310	1.003	0.1369	0.0237	10	-1.13	8%	0
033.99	Salt, Miscellaneous (%)	0682	0.9400	0.0000	1.003	0.1369	0.0237	10	-0.46	3%	0
033.99	Salt, Miscellaneous (%)	2073	0.9550	0.0300	1.003	0.1369	0.0237	10	-0.35	2%	0
033.99	Salt, Miscellaneous (%)	0910	0.9700	0.0400	1.003	0.1369	0.0237	10	-0.24	2%	0
033.99	Salt, Miscellaneous (%)	0358	1.060	0.0200	1.003	0.1369	0.0237	10	0.42	3%	0
033.99	Salt, Miscellaneous (%)	0017	1.078	0.0360	1.003	0.1369	0.0237	10	0.55	4%	0
033.99	Salt, Miscellaneous (%)	2181	1.095	0.0100	1.003	0.1369	0.0237	10	0.67	5%	0
033.99	Salt, Miscellaneous (%)	0650	1.115	0.0500	1.003	0.1369	0.0237	10	0.82	6%	0
033.99	Salt, Miscellaneous (%)	2234	1.170	0.0200	1.003	0.1369	0.0237	10	1.22	8%	0
034.04	Selenium, AA, Hydride (ppm)	0045	0.9750	0.1300				3			0
034.04	Selenium, AA, Hydride (ppm)	0171	1.036	0.2890				3			0
034.04	Selenium, AA, Hydride (ppm)	0169	1.295	0.0300				3			0
034.33	Selenium, AAS, Microwave (ppm)	0904	0.5300	0.1400				1			0
034.41	Selenium, ICP, Dry ash (ppm)	0619	0.8600	0.0200	1.071	0.1998	0.1008	4			0
034.41	Selenium, ICP, Dry ash (ppm)	0407	0.9550	0.1300	1.071	0.1998	0.1008	4			0
034.41	Selenium, ICP, Dry ash (ppm)	0148	1.168	0.0530	1.071	0.1998	0.1008	4			0
034.41	Selenium, ICP, Dry ash (ppm)	0011	1.300	0.2000	1.071	0.1998	0.1008	4			0
034.42	Selenium, ICP, Open vessel (ppm)	0692	1.350	0.3000				1			0
034.43	Selenium, ICP, Microwave (ppm)	0066	0.4445	0.0090	1.045	0.3790	0.0584	5			0
034.43	Selenium, ICP, Microwave (ppm)	0407	0.9500	0.0800	1.045	0.3790	0.0584	5			0
034.43	Selenium, ICP, Microwave (ppm)	0964	1.105	0.1700	1.045	0.3790	0.0584	5			0
034.43	Selenium, ICP, Microwave (ppm)	0914	1.343	0.0300	1.045	0.3790	0.0584	5			0
034.43	Selenium, ICP, Microwave (ppm)	0968	1.381	0.0030	1.045	0.3790	0.0584	5			0
034.43	Selenium, ICP, Microwave (ppm)	2234	1.405	0.5500	1.045	0.3790	0.0584	5			1
034.43	Selenium, ICP, Microwave (ppm)	0682	< 5		1.045	0.3790	0.0584	5			5
034.52	Selenium, ICP-MS, Open vessel (ppm)	0047	0.9250	0.0300				3			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0910	1.065	0.0900				3			0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0186	1.082	0.0120				3			0
034.53	Selenium, ICP-MS, Microwave (ppm)	0199	0.9195	0.0590	1.177	0.1593	0.1024	11	-1.62	11%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	2058	1.040	0.2800	1.177	0.1593	0.1024	11	-0.86	6%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0009	1.103	0.0250	1.177	0.1593	0.1024	11	-0.47	3%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0553	1.135	0.0500	1.177	0.1593	0.1024	11	-0.27	2%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0610	1.150	0.0000	1.177	0.1593	0.1024	11	-0.17	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0164	1.155	0.0900	1.177	0.1593	0.1024	11	-0.14	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0560	1.183	0.0230	1.177	0.1593	0.1024	11	0.03	0%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0033	1.195	0.1100	1.177	0.1593	0.1024	11	0.11	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0939	1.230	0.0800	1.177	0.1593	0.1024	11	0.33	2%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	2012	1.407	0.1720	1.177	0.1593	0.1024	11	1.44	10%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0027	1.502	0.2370	1.177	0.1593	0.1024	11	2.03	14%	0
034.99	Selenium, Miscellaneous (ppm)	0190	3.020	0.1400				1			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.4140	0.0020				1			0

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035.02	Sodium, Em Spect (%)	0884	0.4050	0.0100				1			0
035.05	Sodium, Flame Emission (%)	0108	0.4150	0.0300				1			0
035.31	Sodium, AAS, Dry ash (%)	2246	0.2952	0.0052	0.3979	0.0317	0.0076	12	-3.24	13%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.3550	0.0100	0.3979	0.0317	0.0076	12	-1.35	5%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.3850	0.0100	0.3979	0.0317	0.0076	12	-0.41	2%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.3900	0.0200	0.3979	0.0317	0.0076	12	-0.25	1%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.3935	0.0010	0.3979	0.0317	0.0076	12	-0.14	1%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.3975	0.0010	0.3979	0.0317	0.0076	12	-0.01	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.3995	0.0210	0.3979	0.0317	0.0076	12	0.05	0%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.4035	0.0129	0.3979	0.0317	0.0076	12	0.18	1%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.4050	0.0100	0.3979	0.0317	0.0076	12	0.22	1%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.4100	0.0000	0.3979	0.0317	0.0076	12	0.38	2%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.4400	0.0000	0.3979	0.0317	0.0076	12	1.33	5%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.4600	0.0000	0.3979	0.0317	0.0076	12	1.96	8%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.4200	0.0000				1			0
035.33	Sodium, AAS, Microwave (%)	0904	0.4600	0.0400				1			0
035.41	Sodium, ICP, Dry ash (%)	0598	0.3333	0.0007	0.3938	0.0361	0.0119	23	-1.68	8%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.3400	0.0200	0.3938	0.0361	0.0119	23	-1.49	7%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.3455	0.0010	0.3938	0.0361	0.0119	23	-1.34	6%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.3600	0.0200	0.3938	0.0361	0.0119	23	-0.94	4%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.3600	0.0200	0.3938	0.0361	0.0119	23	-0.94	4%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.3750	0.0100	0.3938	0.0361	0.0119	23	-0.52	2%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.3800	0.0000	0.3938	0.0361	0.0119	23	-0.38	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.3800	0.0000	0.3938	0.0361	0.0119	23	-0.38	2%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.3800	0.0200	0.3938	0.0361	0.0119	23	-0.38	2%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.3900	0.0000	0.3938	0.0361	0.0119	23	-0.11	0%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.3935	0.0390	0.3938	0.0361	0.0119	23	-0.01	0%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.3950	0.0100	0.3938	0.0361	0.0119	23	0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.3985	0.0030	0.3938	0.0361	0.0119	23	0.13	1%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.4000	0.0080	0.3938	0.0361	0.0119	23	0.17	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.4100	0.0000	0.3938	0.0361	0.0119	23	0.45	2%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.4100	0.0000	0.3938	0.0361	0.0119	23	0.45	2%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.4100	0.0200	0.3938	0.0361	0.0119	23	0.45	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.4150	0.0100	0.3938	0.0361	0.0119	23	0.59	3%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.4150	0.0300	0.3938	0.0361	0.0119	23	0.59	3%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.4197	0.0062	0.3938	0.0361	0.0119	23	0.72	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.4450	0.0100	0.3938	0.0361	0.0119	23	1.42	6%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.4527	0.0251	0.3938	0.0361	0.0119	23	1.63	7%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.4635	0.0210	0.3938	0.0361	0.0119	23	1.93	9%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.4500	0.1000	0.3938	0.0361	0.0119	23	1.56	7%	1
035.42	Sodium, ICP, Open vessel (%)	0366	0.3795	0.0210	0.4291	0.0280	0.0155	18	-1.77	6%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.3865	0.0030	0.4291	0.0280	0.0155	18	-1.52	5%	0



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035.42	Sodium, ICP, Open vessel (%)	0278	0.3950	0.0500	0.4291	0.0280	0.0155	18	-1.22	4%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.4100	0.0000	0.4291	0.0280	0.0155	18	-0.68	2%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.4150	0.0300	0.4291	0.0280	0.0155	18	-0.50	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.4175	0.0170	0.4291	0.0280	0.0155	18	-0.41	1%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.4192	0.0102	0.4291	0.0280	0.0155	18	-0.35	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.4228	0.0295	0.4291	0.0280	0.0155	18	-0.23	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.4288	0.0060	0.4291	0.0280	0.0155	18	-0.01	0%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.4350	0.0100	0.4291	0.0280	0.0155	18	0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.4350	0.0100	0.4291	0.0280	0.0155	18	0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.4390	0.0080	0.4291	0.0280	0.0155	18	0.35	1%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.4450	0.0300	0.4291	0.0280	0.0155	18	0.57	2%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.4450	0.0100	0.4291	0.0280	0.0155	18	0.57	2%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.4545	0.0210	0.4291	0.0280	0.0155	18	0.91	3%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.4545	0.0090	0.4291	0.0280	0.0155	18	0.91	3%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.4625	0.0050	0.4291	0.0280	0.0155	18	1.19	4%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.4750	0.0100	0.4291	0.0280	0.0155	18	1.64	5%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.2100	0.0000	0.4348	0.0249	0.0133	23	-9.02	26%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.3623	0.0166	0.4348	0.0249	0.0133	23	-2.91	8%	0
035.43	Sodium, ICP, Microwave (%)	2058	0.4040	0.0180	0.4348	0.0249	0.0133	23	-1.23	4%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.4100	0.0000	0.4348	0.0249	0.0133	23	-0.99	3%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.4100	0.0000	0.4348	0.0249	0.0133	23	-0.99	3%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.4140	0.0020	0.4348	0.0249	0.0133	23	-0.83	2%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.4200	0.0304	0.4348	0.0249	0.0133	23	-0.59	2%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.4240	0.0140	0.4348	0.0249	0.0133	23	-0.43	1%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.4250	0.0100	0.4348	0.0249	0.0133	23	-0.39	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.4350	0.0300	0.4348	0.0249	0.0133	23	0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.4367	0.0047	0.4348	0.0249	0.0133	23	0.08	0%	0
035.43	Sodium, ICP, Microwave (%)	0010	0.4400	0.0000	0.4348	0.0249	0.0133	23	0.21	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.4400	0.0000	0.4348	0.0249	0.0133	23	0.21	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.4400	0.0200	0.4348	0.0249	0.0133	23	0.21	1%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.4450	0.0100	0.4348	0.0249	0.0133	23	0.41	1%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.4500	0.0200	0.4348	0.0249	0.0133	23	0.61	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.4500	0.0200	0.4348	0.0249	0.0133	23	0.61	2%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.4543	0.0001	0.4348	0.0249	0.0133	23	0.78	2%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.4550	0.0500	0.4348	0.0249	0.0133	23	0.81	2%	0
035.43	Sodium, ICP, Microwave (%)	2234	0.4550	0.0100	0.4348	0.0249	0.0133	23	0.81	2%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.4600	0.0000	0.4348	0.0249	0.0133	23	1.01	3%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.4650	0.0500	0.4348	0.0249	0.0133	23	1.21	3%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.4800	0.0000	0.4348	0.0249	0.0133	23	1.81	5%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.4007	0.0215				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0560	0.4362	0.0362				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.4434	0.0050				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			
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.3395	0.0570	0.3958	0.0420	0.0385	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.3900	0.0200	0.3958	0.0420	0.0385	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.4175	0.0570	0.3958	0.0420	0.0385	4			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.4360	0.0200	0.3958	0.0420	0.0385	4			0
035.99	Sodium, Miscellaneous (%)	0889	0.0750	0.0000	0.3450	0.1829	0.0075	4			0
035.99	Sodium, Miscellaneous (%)	0242	0.3950	0.0100	0.3450	0.1829	0.0075	4			0
035.99	Sodium, Miscellaneous (%)	0590	0.4350	0.0100	0.3450	0.1829	0.0075	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.4750	0.0100	0.3450	0.1829	0.0075	4			0
036.04	Sulfur, LECO (%)	0229	0.3100	0.0000				3			0
036.04	Sulfur, LECO (%)	0226	0.3200	0.0000				3			0
036.04	Sulfur, LECO (%)	0148	0.3715	0.0010				3			0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2864	0.0026	0.3474	0.0334	0.0108	18	-1.83	9%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.3050	0.0100	0.3474	0.0334	0.0108	18	-1.27	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3120	0.0280	0.3474	0.0334	0.0108	18	-1.06	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3200	0.0200	0.3474	0.0334	0.0108	18	-0.82	4%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.3220	0.0260	0.3474	0.0334	0.0108	18	-0.76	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.3260	0.0001	0.3474	0.0334	0.0108	18	-0.64	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.3400	0.0200	0.3474	0.0334	0.0108	18	-0.22	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3469	0.0198	0.3474	0.0334	0.0108	18	-0.02	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.3500	0.0000	0.3474	0.0334	0.0108	18	0.08	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3500	0.0000	0.3474	0.0334	0.0108	18	0.08	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.3550	0.0100	0.3474	0.0334	0.0108	18	0.23	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3550	0.0100	0.3474	0.0334	0.0108	18	0.23	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.3603	0.0053	0.3474	0.0334	0.0108	18	0.38	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3625	0.0070	0.3474	0.0334	0.0108	18	0.45	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.3785	0.0190	0.3474	0.0334	0.0108	18	0.93	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.3885	0.0070	0.3474	0.0334	0.0108	18	1.23	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.3900	0.0000	0.3474	0.0334	0.0108	18	1.28	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.3950	0.0100	0.3474	0.0334	0.0108	18	1.43	7%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.2500	0.0000	0.3646	0.0468	0.0142	13	-2.45	16%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.2896	0.0265	0.3646	0.0468	0.0142	13	-1.60	10%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.3400	0.0000	0.3646	0.0468	0.0142	13	-0.53	3%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.3500	0.0000	0.3646	0.0468	0.0142	13	-0.31	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.3500	0.0200	0.3646	0.0468	0.0142	13	-0.31	2%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3600	0.0400	0.3646	0.0468	0.0142	13	-0.10	1%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.3618	0.0358	0.3646	0.0468	0.0142	13	-0.06	0%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3700	0.0000	0.3646	0.0468	0.0142	13	0.12	1%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.3800	0.0200	0.3646	0.0468	0.0142	13	0.33	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3883	0.0000	0.3646	0.0468	0.0142	13	0.51	3%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.4058	0.0418	0.3646	0.0468	0.0142	13	0.88	6%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.4100	0.0000	0.3646	0.0468	0.0142	13	0.97	6%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.4500	0.0000	0.3646	0.0468	0.0142	13	1.83	12%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.3306	0.0184				3			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3640	0.0017				3			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0560	0.4067	0.0071				3			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.3540	0.0280				1			0
036.99	Sulfur, Miscellaneous (%)	0889	0.3050	0.0000				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.3100	0.0000				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	125.9	3.300	174.9	38.42	2.593	10	-1.28	14%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	129.4	5.900	174.9	38.42	2.593	10	-1.19	13%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	159.7	1.830	174.9	38.42	2.593	10	-0.40	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	160.6	0.0000	174.9	38.42	2.593	10	-0.37	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0868	169.0	2.000	174.9	38.42	2.593	10	-0.15	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0175	184.0	8.000	174.9	38.42	2.593	10	0.24	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	185.5	3.000	174.9	38.42	2.593	10	0.27	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	186.6	0.9000	174.9	38.42	2.593	10	0.30	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0656	216.4	0.0000	174.9	38.42	2.593	10	1.08	12%	0
037.31	Zinc, AAS, Dry ash (ppm)	2246	279.5	1.000	174.9	38.42	2.593	10	2.72	30%	0
037.33	Zinc, AAS, Microwave (ppm)	0948	165.7	1.190				3			0
037.33	Zinc, AAS, Microwave (ppm)	0010	200.0	0.0000				3			0
037.33	Zinc, AAS, Microwave (ppm)	2178	221.5	1.000				3			0
037.41	Zinc, ICP, Dry ash (ppm)	2012	120.5	2.470	163.7	21.24	6.266	19	-2.04	13%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	133.9	5.440	163.7	21.24	6.266	19	-1.40	9%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	139.0	0.0000	163.7	21.24	6.266	19	-1.16	8%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	146.3	11.11	163.7	21.24	6.266	19	-0.82	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	148.1	2.800	163.7	21.24	6.266	19	-0.74	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	154.0	0.0000	163.7	21.24	6.266	19	-0.46	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	158.8	10.70	163.7	21.24	6.266	19	-0.23	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	161.1	3.600	163.7	21.24	6.266	19	-0.12	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	161.5	1.030	163.7	21.24	6.266	19	-0.11	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	162.5	5.310	163.7	21.24	6.266	19	-0.06	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	163.0	6.000	163.7	21.24	6.266	19	-0.03	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	163.3	16.84	163.7	21.24	6.266	19	-0.02	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0878	176.5	11.00	163.7	21.24	6.266	19	0.60	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	176.8	4.820	163.7	21.24	6.266	19	0.61	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	181.0	10.00	163.7	21.24	6.266	19	0.81	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0011	184.5	15.00	163.7	21.24	6.266	19	0.98	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	186.1	4.329	163.7	21.24	6.266	19	1.05	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	186.9	5.202	163.7	21.24	6.266	19	1.09	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	205.7	3.410	163.7	21.24	6.266	19	1.98	13%	0
037.41	Zinc, ICP, Dry ash (ppm)	0074	194.5	59.00	163.7	21.24	6.266	19	1.45	9%	1
037.42	Zinc, ICP, Open vessel (ppm)	2129	169.7	8.500	195.2	15.52	6.298	19	-1.65	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	171.5	17.00	195.2	15.52	6.298	19	-1.53	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	174.0	14.00	195.2	15.52	6.298	19	-1.37	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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037.42	Zinc, ICP, Open vessel (ppm)	0186	179.5	9.000	195.2	15.52	6.298	19	-1.01	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	185.6	4.140	195.2	15.52	6.298	19	-0.62	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	191.6	9.700	195.2	15.52	6.298	19	-0.24	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	192.0	6.000	195.2	15.52	6.298	19	-0.21	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	193.0	6.000	195.2	15.52	6.298	19	-0.14	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	196.9	2.232	195.2	15.52	6.298	19	0.10	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	2053	197.0	2.000	195.2	15.52	6.298	19	0.11	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	197.1	3.240	195.2	15.52	6.298	19	0.12	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	200.4	0.8000	195.2	15.52	6.298	19	0.33	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	200.9	0.5000	195.2	15.52	6.298	19	0.36	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	204.3	3.451	195.2	15.52	6.298	19	0.59	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	204.5	11.00	195.2	15.52	6.298	19	0.60	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	206.4	1.200	195.2	15.52	6.298	19	0.72	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	211.0	16.00	195.2	15.52	6.298	19	1.02	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	213.0	2.000	195.2	15.52	6.298	19	1.14	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	229.3	2.900	195.2	15.52	6.298	19	2.19	9%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	98.00	4.000	198.4	17.64	6.082	22	-5.69	25%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	165.6	0.0000	198.4	17.64	6.082	22	-1.86	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	173.1	9.760	198.4	17.64	6.082	22	-1.43	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	180.5	1.000	198.4	17.64	6.082	22	-1.02	5%	0
037.43	Zinc, ICP, Microwave (ppm)	2058	186.4	0.1600	198.4	17.64	6.082	22	-0.68	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	188.0	4.000	198.4	17.64	6.082	22	-0.59	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	190.8	2.500	198.4	17.64	6.082	22	-0.44	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	193.5	1.000	198.4	17.64	6.082	22	-0.28	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0425	193.6	3.500	198.4	17.64	6.082	22	-0.28	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	196.5	5.000	198.4	17.64	6.082	22	-0.11	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	197.5	11.67	198.4	17.64	6.082	22	-0.05	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	197.6	2.389	198.4	17.64	6.082	22	-0.04	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	205.7	10.30	198.4	17.64	6.082	22	0.41	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	207.2	1.900	198.4	17.64	6.082	22	0.49	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	208.0	0.0000	198.4	17.64	6.082	22	0.54	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	208.2	6.100	198.4	17.64	6.082	22	0.55	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	209.0	20.00	198.4	17.64	6.082	22	0.60	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2234	209.2	20.09	198.4	17.64	6.082	22	0.61	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	213.8	1.700	198.4	17.64	6.082	22	0.87	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	215.5	9.000	198.4	17.64	6.082	22	0.97	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	222.6	9.490	198.4	17.64	6.082	22	1.37	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	227.5	10.24	198.4	17.64	6.082	22	1.65	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	217.0	38.00	198.4	17.64	6.082	22	1.05	5%	1
037.44	Zinc, ICP, Dry ash (ppm)	0164	143.0	0.0000				2			0
037.44	Zinc, ICP, Dry ash (ppm)	0066	167.1	1.474				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	138.6	2.800				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			
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	202.5	11.00				3		0	
037.52	Zinc, ICP-MS, Open vessel (ppm)	0560	213.3	60.40				3		0	
037.53	Zinc, ICP-MS, Microwave (ppm)	0199	159.4	6.210	192.9	23.07	8.894	5		0	
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	188.5	5.000	192.9	23.07	8.894	5		0	
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	190.0	8.000	192.9	23.07	8.894	5		0	
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	204.5	3.000	192.9	23.07	8.894	5		0	
037.53	Zinc, ICP-MS, Microwave (ppm)	0914	222.0	22.26	192.9	23.07	8.894	5		0	
037.99	Zinc, Miscellaneous (ppm)	0590	156.0	4.000	179.9	27.18	6.261	4		0	
037.99	Zinc, Miscellaneous (ppm)	0242	171.5	7.000	179.9	27.18	6.261	4		0	
037.99	Zinc, Miscellaneous (ppm)	0889	173.1	4.045	179.9	27.18	6.261	4		0	
037.99	Zinc, Miscellaneous (ppm)	0100	219.0	10.00	179.9	27.18	6.261	4		0	
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	1.270	0.0150				3		0	
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.585	0.0100				3		0	
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.660	0.0345				3		0	
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.790	0.2800	2.207	0.6058	0.2628	4		0	
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.879	0.0110	2.207	0.6058	0.2628	4		0	
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	2.060	0.3600	2.207	0.6058	0.2628	4		0	
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	3.100	0.4000	2.207	0.6058	0.2628	4		0	
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.470	0.0200	1.721	0.2255	0.0961	7	-1.11	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	1.547	0.0749	1.721	0.2255	0.0961	7	-0.77	5%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.600	0.0000	1.721	0.2255	0.0961	7	-0.54	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	1.735	0.2500	1.721	0.2255	0.0961	7	0.06	0%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0964	1.803	0.0850	1.721	0.2255	0.0961	7	0.36	2%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.841	0.1427	1.721	0.2255	0.0961	7	0.53	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	2.050	0.1000	1.721	0.2255	0.0961	7	1.46	10%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	2.010	0.7400	1.721	0.2255	0.0961	7	1.28	8%	1
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	1.070	0.0400				2		0	
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	1.235	0.0100				2		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0939	1.710	0.0400				3		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	1.880	0.1600				3		0	
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	1.965	0.0300				3		0	
040.52	Barium, ICP-MS, Open vessel (ppm)	0560	8.430	0.0000				1		0	
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	0.8945	0.0670				1		0	
042.00	Chloride, Titrimetric (%)	0619	0.6085	0.0210				2		0	
042.00	Chloride, Titrimetric (%)	0948	0.6300	0.0000				2		0	
042.02	Chloride, Ion Chromatography (%)	0904	0.6600	0.0600				2		0	
042.02	Chloride, Ion Chromatography (%)	0941	5.720	0.1200				2		0	
042.99	Chloride, Miscellaneous (%)	0297	0.4200	0.0400				2		0	
042.99	Chloride, Miscellaneous (%)	0066	0.6700	0.0200				2		0	
095.99	Methoprene, Miscellaneous (ppm)	0009	1.462	0.2680				1		0	
101.99	Choline Chloride, Miscellaneous (ppm)	0227	1,525	110.0				1		0	
102.01	Niacin, Microbiological (ppm)	0227	72.30	1.800				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			
103.01	Pantothenic Acid, Microbiological (ppm)	0227	7.295	0.2700				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	4.500	0.1600				1			0
104.03	Riboflavin, LC (ppm)	0910	1.025	0.2100				1			0
105.00	Thiamine, LC (ppm)	0910	2.015	0.3100				1			0
105.01	Thiamine, Fluorometer (ppm)	0227	2.735	0.1100				1			0
106.00	Vitamin A, Color (KU / kg)	0227	1.845	0.2700				2			0
106.00	Vitamin A, Color (KU / kg)	0027	2.338	0.5420				2			0
106.01	Vitamin A, UV (KU / kg)	0098	3.715	2.810				1			0
106.02	Vitamin A, LC (KU / kg)	0914	0.6100	0.0600	2.472	1.250	0.7055	14	-1.49	38%	0
106.02	Vitamin A, LC (KU / kg)	0619	1.410	0.1600	2.472	1.250	0.7055	14	-0.85	21%	0
106.02	Vitamin A, LC (KU / kg)	0004	1.670	0.9200	2.472	1.250	0.7055	14	-0.64	16%	0
106.02	Vitamin A, LC (KU / kg)	0910	1.700	0.2000	2.472	1.250	0.7055	14	-0.62	16%	0
106.02	Vitamin A, LC (KU / kg)	0610	1.900	0.0000	2.472	1.250	0.7055	14	-0.46	12%	0
106.02	Vitamin A, LC (KU / kg)	0689	1.900	0.2000	2.472	1.250	0.7055	14	-0.46	12%	0
106.02	Vitamin A, LC (KU / kg)	0148	2.168	0.1420	2.472	1.250	0.7055	14	-0.24	6%	0
106.02	Vitamin A, LC (KU / kg)	0199	2.495	1.150	2.472	1.250	0.7055	14	0.02	0%	0
106.02	Vitamin A, LC (KU / kg)	0010	2.510	1.280	2.472	1.250	0.7055	14	0.03	1%	0
106.02	Vitamin A, LC (KU / kg)	2319	2.550	1.640	2.472	1.250	0.7055	14	0.06	2%	0
106.02	Vitamin A, LC (KU / kg)	0676	3.200	1.300	2.472	1.250	0.7055	14	0.58	15%	0
106.02	Vitamin A, LC (KU / kg)	0905	4.044	0.0850	2.472	1.250	0.7055	14	1.26	32%	0
106.02	Vitamin A, LC (KU / kg)	0017	4.110	2.740	2.472	1.250	0.7055	14	1.31	33%	0
106.02	Vitamin A, LC (KU / kg)	0656	4.520	0.0000	2.472	1.250	0.7055	14	1.64	41%	0
107.00	Vitamin B12, Microbiological (ppb)	0227	77.20	4.000				1			0
108.02	Vitamin D3, LC (KU / kg)	0910	1.885	0.2900	2.455	0.6367	0.1250	4			0
108.02	Vitamin D3, LC (KU / kg)	0227	1.945	0.0300	2.455	0.6367	0.1250	4			0
108.02	Vitamin D3, LC (KU / kg)	0914	2.840	0.0800	2.455	0.6367	0.1250	4			0
108.02	Vitamin D3, LC (KU / kg)	0675	3.150	0.1000	2.455	0.6367	0.1250	4			0
108.02	Vitamin D3, LC (KU / kg)	2319	3.040	1.960	2.455	0.6367	0.1250	4			1
108.02	Vitamin D3, LC (KU / kg)	0610	< 5000		2.455	0.6367	0.1250	4			5
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	2.550	0.4200				2			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0619	2.965	0.4500				2			0
109.02	Vitamin E, LC (IU / kg)	2319	13.50	0.0000	18.88	4.760	0.9210	10	-1.13	14%	0
109.02	Vitamin E, LC (IU / kg)	0675	14.16	0.7200	18.88	4.760	0.9210	10	-0.99	13%	0
109.02	Vitamin E, LC (IU / kg)	0905	15.00	2.000	18.88	4.760	0.9210	10	-0.82	10%	0
109.02	Vitamin E, LC (IU / kg)	0619	16.50	1.000	18.88	4.760	0.9210	10	-0.50	6%	0
109.02	Vitamin E, LC (IU / kg)	0610	18.10	0.4000	18.88	4.760	0.9210	10	-0.16	2%	0
109.02	Vitamin E, LC (IU / kg)	0910	19.20	0.8000	18.88	4.760	0.9210	10	0.07	1%	0
109.02	Vitamin E, LC (IU / kg)	0676	20.80	0.4000	18.88	4.760	0.9210	10	0.40	5%	0
109.02	Vitamin E, LC (IU / kg)	0199	22.03	0.8300	18.88	4.760	0.9210	10	0.66	8%	0
109.02	Vitamin E, LC (IU / kg)	0227	23.50	2.200	18.88	4.760	0.9210	10	0.97	12%	0
109.02	Vitamin E, LC (IU / kg)	0148	28.74	0.8600	18.88	4.760	0.9210	10	2.07	26%	0
109.02	Vitamin E, LC (IU / kg)	0098	< 40		18.88	4.760	0.9210	10			5

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
112.01	Pyridoxine, LC (µg / g)	0227	3.365	0.2100				1			0
113.01	Folic Acid, Micro (ppm)	0227	0.5375	0.0230				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.2380	0.0160				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	0.5700	0.0200				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	1.985	0.6500				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.8120	0.0000	0.8582	0.0204	0.0087	18	-2.26	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.8250	0.0100	0.8582	0.0204	0.0087	18	-1.62	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.8310	0.0080	0.8582	0.0204	0.0087	18	-1.33	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.8340	0.0200	0.8582	0.0204	0.0087	18	-1.18	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.8500	0.0000	0.8582	0.0204	0.0087	18	-0.40	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.8550	0.0100	0.8582	0.0204	0.0087	18	-0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.8580	0.0060	0.8582	0.0204	0.0087	18	-0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.8590	0.0180	0.8582	0.0204	0.0087	18	0.04	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.8600	0.0200	0.8582	0.0204	0.0087	18	0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.8620	0.0120	0.8582	0.0204	0.0087	18	0.19	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.8650	0.0060	0.8582	0.0204	0.0087	18	0.33	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	0.8650	0.0100	0.8582	0.0204	0.0087	18	0.33	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.8680	0.0000	0.8582	0.0204	0.0087	18	0.48	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.8680	0.0020	0.8582	0.0204	0.0087	18	0.48	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.8737	0.0007	0.8582	0.0204	0.0087	18	0.76	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.8750	0.0100	0.8582	0.0204	0.0087	18	0.82	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.8800	0.0200	0.8582	0.0204	0.0087	18	1.07	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.8928	0.0034	0.8582	0.0204	0.0087	18	1.69	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.9167	0.0604	0.8582	0.0204	0.0087	18	2.86	3%	1
120.02	Alanine, Post-col OPA Der (%)	0098	0.8385	0.0110				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.7065	0.0070	0.8162	0.0605	0.0238	9	-1.82	7%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.7617	0.0315	0.8162	0.0605	0.0238	9	-0.90	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.7750	0.0360	0.8162	0.0605	0.0238	9	-0.68	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.8200	0.0000	0.8162	0.0605	0.0238	9	0.06	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.8240	0.0000	0.8162	0.0605	0.0238	9	0.13	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.8350	0.0100	0.8162	0.0605	0.0238	9	0.31	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.8450	0.0100	0.8162	0.0605	0.0238	9	0.48	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.8650	0.0500	0.8162	0.0605	0.0238	9	0.81	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.8950	0.0700	0.8162	0.0605	0.0238	9	1.30	5%	0
120.99	Alanine, Miscellaneous (%)	0889	0.7200	0.0300	0.8525	0.1024	0.0125	4			0
120.99	Alanine, Miscellaneous (%)	0227	0.8600	0.0000	0.8525	0.1024	0.0125	4			0
120.99	Alanine, Miscellaneous (%)	0656	0.8600	0.0000	0.8525	0.1024	0.0125	4			0
120.99	Alanine, Miscellaneous (%)	2144	0.9700	0.0200	0.8525	0.1024	0.0125	4			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.7000	0.0000	0.7478	0.0314	0.0088	18	-1.52	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.7050	0.0100	0.7478	0.0314	0.0088	18	-1.36	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.7120	0.0000	0.7478	0.0314	0.0088	18	-1.14	2%	0

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121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.7165	0.0390	0.7478	0.0314	0.0088	18	-1.00	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	0.7250	0.0100	0.7478	0.0314	0.0088	18	-0.73	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	0.7330	0.0060	0.7478	0.0314	0.0088	18	-0.47	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.7392	0.0075	0.7478	0.0314	0.0088	18	-0.28	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.7437	0.0010	0.7478	0.0314	0.0088	18	-0.13	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.7500	0.0000	0.7478	0.0314	0.0088	18	0.07	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.7525	0.0070	0.7478	0.0314	0.0088	18	0.15	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.7600	0.0180	0.7478	0.0314	0.0088	18	0.39	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.7600	0.0200	0.7478	0.0314	0.0088	18	0.39	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.7670	0.0100	0.7478	0.0314	0.0088	18	0.61	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	0.7705	0.0010	0.7478	0.0314	0.0088	18	0.72	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	0.7710	0.0080	0.7478	0.0314	0.0088	18	0.74	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	0.7800	0.0000	0.7478	0.0314	0.0088	18	1.03	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.7840	0.0000	0.7478	0.0314	0.0088	18	1.15	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.7900	0.0200	0.7478	0.0314	0.0088	18	1.35	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.6796	0.0591	0.7478	0.0314	0.0088	18	-2.17	5%	1
121.02	Arginine, Post-col OPA Der (%)	0098	0.7210	0.0100				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.0035	0.0010	0.7475	0.0778	0.0172	9	-9.57	50%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	0.6580	0.0124	0.7475	0.0778	0.0172	9	-1.15	6%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.7310	0.0000	0.7475	0.0778	0.0172	9	-0.21	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.7375	0.0410	0.7475	0.0778	0.0172	9	-0.13	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.7650	0.0300	0.7475	0.0778	0.0172	9	0.23	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	0.7750	0.0100	0.7475	0.0778	0.0172	9	0.35	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.7750	0.0100	0.7475	0.0778	0.0172	9	0.35	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	0.8050	0.0100	0.7475	0.0778	0.0172	9	0.74	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.8500	0.0400	0.7475	0.0778	0.0172	9	1.32	7%	0
121.99	Arginine, Miscellaneous (%)	0889	0.6850	0.0000				3			0
121.99	Arginine, Miscellaneous (%)	0227	0.7100	0.0400				3			0
121.99	Arginine, Miscellaneous (%)	0656	0.7600	0.0000				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	0.9250	0.0100	0.9963	0.0311	0.0124	19	-2.30	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	0.9280	0.0000	0.9963	0.0311	0.0124	19	-2.20	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	0.9730	0.0040	0.9963	0.0311	0.0124	19	-0.75	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	0.9750	0.0100	0.9963	0.0311	0.0124	19	-0.69	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	0.9760	0.0060	0.9963	0.0311	0.0124	19	-0.66	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	0.9818	0.0015	0.9963	0.0311	0.0124	19	-0.47	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	0.9835	0.0070	0.9963	0.0311	0.0124	19	-0.41	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	0.9900	0.0400	0.9963	0.0311	0.0124	19	-0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	0.9915	0.0090	0.9963	0.0311	0.0124	19	-0.16	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	0.9930	0.0200	0.9963	0.0311	0.0124	19	-0.11	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	0.9950	0.0300	0.9963	0.0311	0.0124	19	-0.04	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	0.9955	0.0010	0.9963	0.0311	0.0124	19	-0.03	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.003	0.0140	0.9963	0.0311	0.0124	19	0.21	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			
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.005	0.0090	0.9963	0.0311	0.0124	19	0.28	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.025	0.0100	0.9963	0.0311	0.0124	19	0.92	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.031	0.0150	0.9963	0.0311	0.0124	19	1.11	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.035	0.0300	0.9963	0.0311	0.0124	19	1.24	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	1.035	0.0100	0.9963	0.0311	0.0124	19	1.24	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.075	0.0100	0.9963	0.0311	0.0124	19	2.53	4%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	0.9435	0.0210				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	0.8085	0.0490	0.9968	0.0764	0.0280	8	-2.47	9%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	0.9550	0.0100	0.9968	0.0764	0.0280	8	-0.55	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	0.9650	0.0300	0.9968	0.0764	0.0280	8	-0.42	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	0.9750	0.0100	0.9968	0.0764	0.0280	8	-0.29	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	0.9930	0.0000	0.9968	0.0764	0.0280	8	-0.05	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.060	0.0400	0.9968	0.0764	0.0280	8	0.83	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.070	0.0150	0.9968	0.0764	0.0280	8	0.95	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.075	0.0700	0.9968	0.0764	0.0280	8	1.02	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	0.5267	0.6051	0.9968	0.0764	0.0280	8	-6.16	24%	1
122.99	Aspartic, Miscellaneous (%)	0656	0.9800	0.0000	1.063	0.0929	0.0175	4			0
122.99	Aspartic, Miscellaneous (%)	0227	1.010	0.0200	1.063	0.0929	0.0175	4			0
122.99	Aspartic, Miscellaneous (%)	2144	1.070	0.0200	1.063	0.0929	0.0175	4			0
122.99	Aspartic, Miscellaneous (%)	0889	1.190	0.0300	1.063	0.0929	0.0175	4			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.2138	0.0014	0.2789	0.0171	0.0083	19	-3.82	12%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2022	0.2600	0.0000	0.2789	0.0171	0.0083	19	-1.11	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.2661	0.0042	0.2789	0.0171	0.0083	19	-0.75	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.2700	0.0200	0.2789	0.0171	0.0083	19	-0.52	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.2715	0.0070	0.2789	0.0171	0.0083	19	-0.44	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.2725	0.0070	0.2789	0.0171	0.0083	19	-0.38	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.2735	0.0010	0.2789	0.0171	0.0083	19	-0.32	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.2750	0.0300	0.2789	0.0171	0.0083	19	-0.23	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.2750	0.0100	0.2789	0.0171	0.0083	19	-0.23	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.2750	0.0040	0.2789	0.0171	0.0083	19	-0.23	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.2750	0.0100	0.2789	0.0171	0.0083	19	-0.23	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.2752	0.0071	0.2789	0.0171	0.0083	19	-0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.2770	0.0000	0.2789	0.0171	0.0083	19	-0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.2780	0.0060	0.2789	0.0171	0.0083	19	-0.05	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.2855	0.0070	0.2789	0.0171	0.0083	19	0.38	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.3035	0.0170	0.2789	0.0171	0.0083	19	1.44	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.3110	0.0160	0.2789	0.0171	0.0083	19	1.88	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.3150	0.0100	0.2789	0.0171	0.0083	19	2.11	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.3250	0.0000	0.2789	0.0171	0.0083	19	2.70	8%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.3010	0.0040				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2800	0.0000	0.2991	0.0160	0.0140	8	-1.19	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.2900	0.0000	0.2991	0.0160	0.0140	8	-0.57	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			
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.2900	0.0200	0.2991	0.0160	0.0140	8	-0.57	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.2950	0.0100	0.2991	0.0160	0.0140	8	-0.26	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2968	0.0509	0.2991	0.0160	0.0140	8	-0.15	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.3030	0.0000	0.2991	0.0160	0.0140	8	0.24	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.3150	0.0100	0.2991	0.0160	0.0140	8	0.99	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.5699	0.0212	0.2991	0.0160	0.0140	8	16.88	45%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2250	0.0200				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2300	0.0000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2144	0.2350	0.0100				3			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	2.265	0.0100	2.466	0.1347	0.0276	19	-1.49	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.332	0.0000	2.466	0.1347	0.0276	19	-1.00	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.370	0.0200	2.466	0.1347	0.0276	19	-0.71	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	2.378	0.0080	2.466	0.1347	0.0276	19	-0.66	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.379	0.0520	2.466	0.1347	0.0276	19	-0.65	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.385	0.0100	2.466	0.1347	0.0276	19	-0.60	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.403	0.0310	2.466	0.1347	0.0276	19	-0.47	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.415	0.0100	2.466	0.1347	0.0276	19	-0.38	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.420	0.0800	2.466	0.1347	0.0276	19	-0.34	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.426	0.0110	2.466	0.1347	0.0276	19	-0.30	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.435	0.0039	2.466	0.1347	0.0276	19	-0.24	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.440	0.0080	2.466	0.1347	0.0276	19	-0.20	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.500	0.0600	2.466	0.1347	0.0276	19	0.25	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	2.530	0.0420	2.466	0.1347	0.0276	19	0.47	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.606	0.0691	2.466	0.1347	0.0276	19	1.04	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	2.630	0.0400	2.466	0.1347	0.0276	19	1.22	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	2.637	0.0499	2.466	0.1347	0.0276	19	1.27	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.645	0.0100	2.466	0.1347	0.0276	19	1.33	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	2.665	0.0100	2.466	0.1347	0.0276	19	1.47	4%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.353	0.0320				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.180	0.0880	2.384	0.1935	0.0505	9	-1.05	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	2.188	0.0846	2.384	0.1935	0.0505	9	-1.01	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.315	0.0100	2.384	0.1935	0.0505	9	-0.35	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.329	0.0000	2.384	0.1935	0.0505	9	-0.28	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	2.340	0.0200	2.384	0.1935	0.0505	9	-0.23	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	2.365	0.0100	2.384	0.1935	0.0505	9	-0.10	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.441	0.0020	2.384	0.1935	0.0505	9	0.30	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.620	0.0600	2.384	0.1935	0.0505	9	1.22	5%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	2.790	0.1800	2.384	0.1935	0.0505	9	2.10	9%	0
125.99	Glutamic, Miscellaneous (%)	0889	2.345	0.0800				3			0
125.99	Glutamic, Miscellaneous (%)	0227	2.410	0.0400				3			0
125.99	Glutamic, Miscellaneous (%)	0656	2.430	0.0000				3			0
125.99	Glutamic, Miscellaneous (%)	2144	3.795	0.0300				3			2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.6100	0.0000	0.6422	0.0209	0.0078	19	-1.54	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.6100	0.0000	0.6422	0.0209	0.0078	19	-1.54	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.6150	0.0100	0.6422	0.0209	0.0078	19	-1.30	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.6165	0.0050	0.6422	0.0209	0.0078	19	-1.23	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.6260	0.0020	0.6422	0.0209	0.0078	19	-0.78	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.6350	0.0100	0.6422	0.0209	0.0078	19	-0.35	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.6403	0.0020	0.6422	0.0209	0.0078	19	-0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.6425	0.0110	0.6422	0.0209	0.0078	19	0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.6435	0.0036	0.6422	0.0209	0.0078	19	0.06	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.6451	0.0170	0.6422	0.0209	0.0078	19	0.14	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.6475	0.0110	0.6422	0.0209	0.0078	19	0.25	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.6530	0.0020	0.6422	0.0209	0.0078	19	0.51	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.6545	0.0130	0.6422	0.0209	0.0078	19	0.59	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.6550	0.0300	0.6422	0.0209	0.0078	19	0.61	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.6550	0.0100	0.6422	0.0209	0.0078	19	0.61	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.6575	0.0050	0.6422	0.0209	0.0078	19	0.73	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	0.6600	0.0000	0.6422	0.0209	0.0078	19	0.85	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.6650	0.0100	0.6422	0.0209	0.0078	19	1.09	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.6695	0.0070	0.6422	0.0209	0.0078	19	1.30	2%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.6440	0.0080				1			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.6250	0.0500	0.6528	0.0304	0.0196	8	-0.92	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.6350	0.0100	0.6528	0.0304	0.0196	8	-0.59	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.6350	0.0000	0.6528	0.0304	0.0196	8	-0.59	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.6390	0.0060	0.6528	0.0304	0.0196	8	-0.45	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.6400	0.0000	0.6528	0.0304	0.0196	8	-0.42	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.6650	0.0100	0.6528	0.0304	0.0196	8	0.40	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.6850	0.0300	0.6528	0.0304	0.0196	8	1.06	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.8855	0.0510	0.6528	0.0304	0.0196	8	7.66	18%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	0.4965	0.1711	0.6528	0.0304	0.0196	8	-5.15	12%	1
126.99	Glycine, Miscellaneous (%)	0656	0.6800	0.0000				2			0
126.99	Glycine, Miscellaneous (%)	2144	0.6800	0.0000				2			0
126.99	Glycine, Miscellaneous (%)	0227	0.6500	0.0200				2			1
126.99	Glycine, Miscellaneous (%)	0889	0.3225	0.0050				2			2
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.3169	0.0060	0.3777	0.0235	0.0084	19	-2.59	8%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.3550	0.0300	0.3777	0.0235	0.0084	19	-0.97	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.3574	0.0084	0.3777	0.0235	0.0084	19	-0.86	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.3597	0.0175	0.3777	0.0235	0.0084	19	-0.77	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.3600	0.0000	0.3777	0.0235	0.0084	19	-0.75	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3675	0.0070	0.3777	0.0235	0.0084	19	-0.43	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.3680	0.0080	0.3777	0.0235	0.0084	19	-0.41	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3700	0.0000	0.3777	0.0235	0.0084	19	-0.33	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.3715	0.0030	0.3777	0.0235	0.0084	19	-0.26	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			
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.3735	0.0070	0.3777	0.0235	0.0084	19	-0.18	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3770	0.0000	0.3777	0.0235	0.0084	19	-0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.3775	0.0010	0.3777	0.0235	0.0084	19	-0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.3825	0.0010	0.3777	0.0235	0.0084	19	0.21	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3850	0.0100	0.3777	0.0235	0.0084	19	0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.3850	0.0100	0.3777	0.0235	0.0084	19	0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.4050	0.0300	0.3777	0.0235	0.0084	19	1.17	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.4185	0.0210	0.3777	0.0235	0.0084	19	1.74	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.4370	0.0000	0.3777	0.0235	0.0084	19	2.53	8%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.4700	0.0000	0.3777	0.0235	0.0084	19	3.94	12%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.3645	0.0030				1			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.3020	0.0160	0.3707	0.0378	0.0100	9	-1.82	9%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.3430	0.0060	0.3707	0.0378	0.0100	9	-0.73	4%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.3450	0.0100	0.3707	0.0378	0.0100	9	-0.68	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.3650	0.0100	0.3707	0.0378	0.0100	9	-0.15	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.3750	0.0100	0.3707	0.0378	0.0100	9	0.11	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.3850	0.0100	0.3707	0.0378	0.0100	9	0.38	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.3870	0.0000	0.3707	0.0378	0.0100	9	0.43	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.3950	0.0100	0.3707	0.0378	0.0100	9	0.64	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.4408	0.0179	0.3707	0.0378	0.0100	9	1.85	9%	0
127.99	Histidine, Miscellaneous (%)	0889	0.3225	0.0050	0.3894	0.0547	0.0088	4			0
127.99	Histidine, Miscellaneous (%)	0227	0.3800	0.0200	0.3894	0.0547	0.0088	4			0
127.99	Histidine, Miscellaneous (%)	0656	0.4000	0.0000	0.3894	0.0547	0.0088	4			0
127.99	Histidine, Miscellaneous (%)	2144	0.4550	0.0100	0.3894	0.0547	0.0088	4			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.4120	0.0000	0.4676	0.0377	0.0082	19	-1.47	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.4300	0.0000	0.4676	0.0377	0.0082	19	-1.00	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.4350	0.0100	0.4676	0.0377	0.0082	19	-0.86	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.4350	0.0100	0.4676	0.0377	0.0082	19	-0.86	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.4370	0.0040	0.4676	0.0377	0.0082	19	-0.81	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.4400	0.0000	0.4676	0.0377	0.0082	19	-0.73	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.4524	0.0149	0.4676	0.0377	0.0082	19	-0.40	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.4545	0.0050	0.4676	0.0377	0.0082	19	-0.35	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.4560	0.0100	0.4676	0.0377	0.0082	19	-0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.4650	0.0100	0.4676	0.0377	0.0082	19	-0.07	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.4650	0.0140	0.4676	0.0377	0.0082	19	-0.07	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.4735	0.0010	0.4676	0.0377	0.0082	19	0.16	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.4845	0.0070	0.4676	0.0377	0.0082	19	0.45	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.4850	0.0100	0.4676	0.0377	0.0082	19	0.46	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.4935	0.0170	0.4676	0.0377	0.0082	19	0.69	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.5067	0.0003	0.4676	0.0377	0.0082	19	1.04	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.5150	0.0080	0.4676	0.0377	0.0082	19	1.26	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.5200	0.0200	0.4676	0.0377	0.0082	19	1.39	6%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.5302	0.0154	0.4676	0.0377	0.0082	19	1.66	7%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.4530	0.0100				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.3275	0.0150	0.4531	0.0585	0.0122	9	-2.15	14%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.4000	0.0200	0.4531	0.0585	0.0122	9	-0.91	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.4150	0.0248	0.4531	0.0585	0.0122	9	-0.65	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.4450	0.0100	0.4531	0.0585	0.0122	9	-0.14	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.4710	0.0100	0.4531	0.0585	0.0122	9	0.30	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.4770	0.0000	0.4531	0.0585	0.0122	9	0.41	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.4800	0.0000	0.4531	0.0585	0.0122	9	0.46	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.4950	0.0300	0.4531	0.0585	0.0122	9	0.71	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.5300	0.0000	0.4531	0.0585	0.0122	9	1.31	8%	0
128.99	Isoleucine, Miscellaneous (%)	0889	0.4000	0.0000	0.4738	0.0621	0.0175	4			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.4450	0.0500	0.4738	0.0621	0.0175	4			0
128.99	Isoleucine, Miscellaneous (%)	0656	0.5200	0.0000	0.4738	0.0621	0.0175	4			0
128.99	Isoleucine, Miscellaneous (%)	2144	0.5300	0.0200	0.4738	0.0621	0.0175	4			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.060	0.0000	1.221	0.0390	0.0123	19	-4.13	7%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.165	0.0300	1.221	0.0390	0.0123	19	-1.44	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.186	0.0300	1.221	0.0390	0.0123	19	-0.90	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.190	0.0200	1.221	0.0390	0.0123	19	-0.80	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.195	0.0100	1.221	0.0390	0.0123	19	-0.67	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.203	0.0230	1.221	0.0390	0.0123	19	-0.48	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.205	0.0100	1.221	0.0390	0.0123	19	-0.42	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.209	0.0010	1.221	0.0390	0.0123	19	-0.33	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.215	0.0300	1.221	0.0390	0.0123	19	-0.16	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.224	0.0040	1.221	0.0390	0.0123	19	0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.228	0.0160	1.221	0.0390	0.0123	19	0.17	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.228	0.0020	1.221	0.0390	0.0123	19	0.17	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.229	0.0020	1.221	0.0390	0.0123	19	0.20	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	1.235	0.0100	1.221	0.0390	0.0123	19	0.35	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.247	0.0014	1.221	0.0390	0.0123	19	0.67	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.265	0.0100	1.221	0.0390	0.0123	19	1.12	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.268	0.0148	1.221	0.0390	0.0123	19	1.20	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.271	0.0100	1.221	0.0390	0.0123	19	1.26	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.345	0.0100	1.221	0.0390	0.0123	19	3.17	5%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.197	0.0080				1			0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.071	0.0470	1.170	0.0855	0.0286	9	-1.16	4%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.090	0.0000	1.170	0.0855	0.0286	9	-0.94	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.118	0.0000	1.170	0.0855	0.0286	9	-0.61	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	1.125	0.0100	1.170	0.0855	0.0286	9	-0.53	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	1.172	0.0388	1.170	0.0855	0.0286	9	0.02	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.190	0.0120	1.170	0.0855	0.0286	9	0.23	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.215	0.0100	1.170	0.0855	0.0286	9	0.53	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
129.05	Leucine, Pre-col AQC Der (%)	0148	1.275	0.0300	1.170	0.0855	0.0286	9	1.23	4%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.275	0.1100	1.170	0.0855	0.0286	9	1.23	4%	0
129.99	Leucine, Miscellaneous (%)	0889	0.9600	0.1300	1.181	0.1580	0.0500	4			0
129.99	Leucine, Miscellaneous (%)	0227	1.210	0.0400	1.181	0.1580	0.0500	4			0
129.99	Leucine, Miscellaneous (%)	0656	1.220	0.0000	1.181	0.1580	0.0500	4			0
129.99	Leucine, Miscellaneous (%)	2144	1.335	0.0300	1.181	0.1580	0.0500	4			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.4550	0.0300	0.4909	0.0228	0.0093	18	-1.58	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.4610	0.0080	0.4909	0.0228	0.0093	18	-1.31	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.4685	0.0110	0.4909	0.0228	0.0093	18	-0.98	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.4750	0.0100	0.4909	0.0228	0.0093	18	-0.70	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.4790	0.0020	0.4909	0.0228	0.0093	18	-0.52	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.4815	0.0006	0.4909	0.0228	0.0093	18	-0.41	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.4850	0.0020	0.4909	0.0228	0.0093	18	-0.26	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.4850	0.0100	0.4909	0.0228	0.0093	18	-0.26	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.4905	0.0050	0.4909	0.0228	0.0093	18	-0.02	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.4910	0.0080	0.4909	0.0228	0.0093	18	0.00	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.4945	0.0050	0.4909	0.0228	0.0093	18	0.16	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.4965	0.0010	0.4909	0.0228	0.0093	18	0.25	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.4971	0.0039	0.4909	0.0228	0.0093	18	0.27	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.5000	0.0000	0.4909	0.0228	0.0093	18	0.40	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.5000	0.0400	0.4909	0.0228	0.0093	18	0.40	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.5250	0.0100	0.4909	0.0228	0.0093	18	1.50	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.5300	0.0200	0.4909	0.0228	0.0093	18	1.72	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	0.5500	0.0000	0.4909	0.0228	0.0093	18	2.59	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	2,397	4,794	0.4909	0.0228	0.0093	18	105172.80	244110%	2
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.5255	0.0030				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.0415	0.0010	0.4826	0.0377	0.0167	9	-11.71	46%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.4417	0.0202	0.4826	0.0377	0.0167	9	-1.09	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.4750	0.0100	0.4826	0.0377	0.0167	9	-0.20	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.4800	0.0000	0.4826	0.0377	0.0167	9	-0.07	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.4800	0.0000	0.4826	0.0377	0.0167	9	-0.07	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.4870	0.0000	0.4826	0.0377	0.0167	9	0.12	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.5085	0.0290	0.4826	0.0377	0.0167	9	0.69	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.5200	0.0600	0.4826	0.0377	0.0167	9	0.99	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.5250	0.0300	0.4826	0.0377	0.0167	9	1.13	4%	0
130.99	L-Lysine, Miscellaneous (%)	0889	0.2550	0.0200	0.4963	0.1707	0.0150	4			0
130.99	L-Lysine, Miscellaneous (%)	0656	0.5200	0.0000	0.4963	0.1707	0.0150	4			0
130.99	L-Lysine, Miscellaneous (%)	0227	0.5550	0.0100	0.4963	0.1707	0.0150	4			0
130.99	L-Lysine, Miscellaneous (%)	2144	0.6550	0.0300	0.4963	0.1707	0.0150	4			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2150	0.0100	0.2473	0.0092	0.0051	19	-3.49	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2350	0.0100	0.2473	0.0092	0.0051	19	-1.33	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.2360	0.0020	0.2473	0.0092	0.0051	19	-1.22	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2410	0.0000	0.2473	0.0092	0.0051	19	-0.68	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2414	0.0045	0.2473	0.0092	0.0051	19	-0.64	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.2425	0.0010	0.2473	0.0092	0.0051	19	-0.52	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.2450	0.0100	0.2473	0.0092	0.0051	19	-0.25	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2455	0.0010	0.2473	0.0092	0.0051	19	-0.20	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.2460	0.0000	0.2473	0.0092	0.0051	19	-0.14	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2466	0.0097	0.2473	0.0092	0.0051	19	-0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.2482	0.0085	0.2473	0.0092	0.0051	19	0.09	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.2500	0.0200	0.2473	0.0092	0.0051	19	0.29	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.2500	0.0000	0.2473	0.0092	0.0051	19	0.29	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2500	0.0000	0.2473	0.0092	0.0051	19	0.29	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.2535	0.0050	0.2473	0.0092	0.0051	19	0.67	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2540	0.0020	0.2473	0.0092	0.0051	19	0.72	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2585	0.0010	0.2473	0.0092	0.0051	19	1.21	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2695	0.0030	0.2473	0.0092	0.0051	19	2.40	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.3050	0.0100	0.2473	0.0092	0.0051	19	6.24	12%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2440	0.0060				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.1574	0.0007	0.2467	0.0652	0.0035	8	-1.37	18%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2150	0.0100	0.2467	0.0652	0.0035	8	-0.49	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2169	0.0074	0.2467	0.0652	0.0035	8	-0.46	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2300	0.0000	0.2467	0.0652	0.0035	8	-0.26	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.2400	0.0000	0.2467	0.0652	0.0035	8	-0.10	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2700	0.0000	0.2467	0.0652	0.0035	8	0.36	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.3000	0.0000	0.2467	0.0652	0.0035	8	0.82	11%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.3550	0.0100	0.2467	0.0652	0.0035	8	1.66	22%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.2150	0.0280	0.2467	0.0652	0.0035	8	-0.49	6%	1
131.99	Methionine, Miscellaneous (%)	0889	0.2000	0.0000	0.2413	0.0284	0.0075	4			0
131.99	Methionine, Miscellaneous (%)	0227	0.2450	0.0100	0.2413	0.0284	0.0075	4			0
131.99	Methionine, Miscellaneous (%)	0656	0.2600	0.0000	0.2413	0.0284	0.0075	4			0
131.99	Methionine, Miscellaneous (%)	2144	0.2600	0.0200	0.2413	0.0284	0.0075	4			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.5600	0.0000	0.5949	0.0264	0.0102	18	-1.32	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.5600	0.0000	0.5949	0.0264	0.0102	18	-1.32	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.5655	0.0010	0.5949	0.0264	0.0102	18	-1.11	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.5700	0.0200	0.5949	0.0264	0.0102	18	-0.94	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.5835	0.0110	0.5949	0.0264	0.0102	18	-0.43	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.5850	0.0020	0.5949	0.0264	0.0102	18	-0.38	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.5878	0.0008	0.5949	0.0264	0.0102	18	-0.27	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.5900	0.0200	0.5949	0.0264	0.0102	18	-0.19	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.5950	0.0300	0.5949	0.0264	0.0102	18	0.00	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.5975	0.0130	0.5949	0.0264	0.0102	18	0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.5990	0.0100	0.5949	0.0264	0.0102	18	0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.6000	0.0200	0.5949	0.0264	0.0102	18	0.19	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			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.6025	0.0090	0.5949	0.0264	0.0102	18	0.29	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.6035	0.0230	0.5949	0.0264	0.0102	18	0.32	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.6055	0.0030	0.5949	0.0264	0.0102	18	0.40	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.6593	0.0011	0.5949	0.0264	0.0102	18	2.43	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	0.6750	0.0100	0.5949	0.0264	0.0102	18	3.03	7%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.7350	0.0100	0.5949	0.0264	0.0102	18	5.30	12%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.6631	0.0560	0.5949	0.0264	0.0102	18	2.58	6%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.5970	0.0060				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.5060	0.0240	0.5907	0.0522	0.0292	9	-1.62	7%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.5450	0.0100	0.5907	0.0522	0.0292	9	-0.88	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.5732	0.0474	0.5907	0.0522	0.0292	9	-0.33	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.5750	0.0000	0.5907	0.0522	0.0292	9	-0.30	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.5915	0.0110	0.5907	0.0522	0.0292	9	0.02	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.6050	0.0100	0.5907	0.0522	0.0292	9	0.27	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.6150	0.1100	0.5907	0.0522	0.0292	9	0.47	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.6300	0.0000	0.5907	0.0522	0.0292	9	0.75	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.7250	0.0500	0.5907	0.0522	0.0292	9	2.58	11%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.5800	0.0000	0.6038	0.0180	0.0125	4			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.6000	0.0200	0.6038	0.0180	0.0125	4			0
132.99	Phenylalanine, Miscellaneous (%)	2144	0.6150	0.0300	0.6038	0.0180	0.0125	4			0
132.99	Phenylalanine, Miscellaneous (%)	0656	0.6200	0.0000	0.6038	0.0180	0.0125	4			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.9007	0.0190	1.046	0.0517	0.0300	19	-2.82	7%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2022	0.9350	0.0100	1.046	0.0517	0.0300	19	-2.16	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.9950	0.0500	1.046	0.0517	0.0300	19	-1.00	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.001	0.0180	1.046	0.0517	0.0300	19	-0.88	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.015	0.0260	1.046	0.0517	0.0300	19	-0.60	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.026	0.0098	1.046	0.0517	0.0300	19	-0.39	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.038	0.0940	1.046	0.0517	0.0300	19	-0.16	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.039	0.0100	1.046	0.0517	0.0300	19	-0.14	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.045	0.0100	1.046	0.0517	0.0300	19	-0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.046	0.0010	1.046	0.0517	0.0300	19	-0.02	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.049	0.0880	1.046	0.0517	0.0300	19	0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.058	0.0540	1.046	0.0517	0.0300	19	0.22	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.060	0.0000	1.046	0.0517	0.0300	19	0.26	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	1.065	0.0610	1.046	0.0517	0.0300	19	0.35	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.065	0.0500	1.046	0.0517	0.0300	19	0.36	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	1.075	0.0500	1.046	0.0517	0.0300	19	0.55	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.120	0.0000	1.046	0.0517	0.0300	19	1.42	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.410	0.0200	1.046	0.0517	0.0300	19	7.04	17%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.422	0.0000	1.046	0.0517	0.0300	19	7.27	18%	0
133.05	Proline, Pre-col AQC Der (%)	0407	0.9705	0.0430	1.071	0.0670	0.0272	9	-1.51	5%	0
133.05	Proline, Pre-col AQC Der (%)	2246	1.005	0.0009	1.071	0.0670	0.0272	9	-0.99	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			
133.05	Proline, Pre-col AQC Der (%)	0610	1.040	0.0000	1.071	0.0670	0.0272	9	-0.47	1%	0
133.05	Proline, Pre-col AQC Der (%)	2319	1.055	0.0100	1.071	0.0670	0.0272	9	-0.24	1%	0
133.05	Proline, Pre-col AQC Der (%)	2196	1.079	0.0000	1.071	0.0670	0.0272	9	0.11	0%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.098	0.0810	1.071	0.0670	0.0272	9	0.39	1%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.115	0.0700	1.071	0.0670	0.0272	9	0.65	2%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.135	0.0100	1.071	0.0670	0.0272	9	0.95	3%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.145	0.0300	1.071	0.0670	0.0272	9	1.10	3%	0
133.99	Proline, Miscellaneous (%)	0656	1.070	0.0000				2			0
133.99	Proline, Miscellaneous (%)	2144	1.085	0.0100				2			0
133.99	Proline, Miscellaneous (%)	0227	1.080	0.0800				2			1
133.99	Proline, Miscellaneous (%)	0889	0.9350	0.0200				2			2
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.5790	0.0000	0.6403	0.0298	0.0124	19	-2.06	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.6000	0.0200	0.6403	0.0298	0.0124	19	-1.35	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.6045	0.0090	0.6403	0.0298	0.0124	19	-1.20	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.6115	0.0030	0.6403	0.0298	0.0124	19	-0.97	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.6210	0.0160	0.6403	0.0298	0.0124	19	-0.65	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.6300	0.0100	0.6403	0.0298	0.0124	19	-0.34	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.6300	0.0000	0.6403	0.0298	0.0124	19	-0.34	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.6350	0.0300	0.6403	0.0298	0.0124	19	-0.18	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.6365	0.0050	0.6403	0.0298	0.0124	19	-0.13	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.6410	0.0040	0.6403	0.0298	0.0124	19	0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.6425	0.0050	0.6403	0.0298	0.0124	19	0.08	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	0.6500	0.0400	0.6403	0.0298	0.0124	19	0.33	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.6527	0.0065	0.6403	0.0298	0.0124	19	0.42	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.6550	0.0300	0.6403	0.0298	0.0124	19	0.49	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.6595	0.0050	0.6403	0.0298	0.0124	19	0.65	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.6650	0.0100	0.6403	0.0298	0.0124	19	0.83	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.6653	0.0076	0.6403	0.0298	0.0124	19	0.84	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.7130	0.0237	0.6403	0.0298	0.0124	19	2.44	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.7250	0.0100	0.6403	0.0298	0.0124	19	2.84	7%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.5995	0.0030				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.5990	0.0360	0.6347	0.0333	0.0234	8	-1.07	3%	0
134.05	Serine, Pre-col AQC Der (%)	0610	0.6000	0.0000	0.6347	0.0333	0.0234	8	-1.04	3%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.6250	0.0100	0.6347	0.0333	0.0234	8	-0.29	1%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.6270	0.0000	0.6347	0.0333	0.0234	8	-0.23	1%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.6315	0.0310	0.6347	0.0333	0.0234	8	-0.10	0%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.6450	0.0500	0.6347	0.0333	0.0234	8	0.31	1%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.6700	0.0000	0.6347	0.0333	0.0234	8	1.06	3%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.6800	0.0600	0.6347	0.0333	0.0234	8	1.36	4%	0
134.05	Serine, Pre-col AQC Der (%)	2246	0.5593	0.2052	0.6347	0.0333	0.0234	8	-2.26	6%	1
134.99	Serine, Miscellaneous (%)	0656	0.5700	0.0000				3			0
134.99	Serine, Miscellaneous (%)	2144	0.7050	0.0100				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			
134.99	Serine, Miscellaneous (%)	0889	0.7600	0.0000				3			0
134.99	Serine, Miscellaneous (%)	0227	0.6500	0.0400				3			1
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.4490	0.0000	0.5064	0.0181	0.0051	18	-3.17	6%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.4800	0.0200	0.5064	0.0181	0.0051	18	-1.46	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.4825	0.0010	0.5064	0.0181	0.0051	18	-1.32	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.4950	0.0100	0.5064	0.0181	0.0051	18	-0.63	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.4950	0.0100	0.5064	0.0181	0.0051	18	-0.63	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.5025	0.0010	0.5064	0.0181	0.0051	18	-0.22	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.5040	0.0000	0.5064	0.0181	0.0051	18	-0.13	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.5055	0.0030	0.5064	0.0181	0.0051	18	-0.05	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.5075	0.0030	0.5064	0.0181	0.0051	18	0.06	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.5080	0.0040	0.5064	0.0181	0.0051	18	0.09	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.5100	0.0000	0.5064	0.0181	0.0051	18	0.20	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.5100	0.0060	0.5064	0.0181	0.0051	18	0.20	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.5110	0.0040	0.5064	0.0181	0.0051	18	0.25	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.5180	0.0060	0.5064	0.0181	0.0051	18	0.64	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.5200	0.0000	0.5064	0.0181	0.0051	18	0.75	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.5205	0.0041	0.5064	0.0181	0.0051	18	0.77	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.5450	0.0100	0.5064	0.0181	0.0051	18	2.13	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.5550	0.0100	0.5064	0.0181	0.0051	18	2.68	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.5724	0.0404	0.5064	0.0181	0.0051	18	3.64	7%	1
135.02	Threonine, Post-col OPA Der (%)	0098	0.5090	0.0140				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.3945	0.0210	0.4944	0.0379	0.0201	9	-2.64	10%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.4680	0.0000	0.4944	0.0379	0.0201	9	-0.70	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.4715	0.0570	0.4944	0.0379	0.0201	9	-0.60	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.4750	0.0100	0.4944	0.0379	0.0201	9	-0.51	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.4950	0.0100	0.4944	0.0379	0.0201	9	0.02	0%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.5177	0.0127	0.4944	0.0379	0.0201	9	0.61	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.5200	0.0400	0.4944	0.0379	0.0201	9	0.67	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.5300	0.0000	0.4944	0.0379	0.0201	9	0.94	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.5350	0.0300	0.4944	0.0379	0.0201	9	1.07	4%	0
135.99	Threonine, Miscellaneous (%)	0227	0.5200	0.0000				3			0
135.99	Threonine, Miscellaneous (%)	0889	0.5500	0.0000				3			0
135.99	Threonine, Miscellaneous (%)	2144	0.5550	0.0100				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.1050	0.0100	0.1589	0.0337	0.0068	5			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.1520	0.0100	0.1589	0.0337	0.0068	5			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.1640	0.0000	0.1589	0.0337	0.0068	5			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.1850	0.0100	0.1589	0.0337	0.0068	5			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.1884	0.0042	0.1589	0.0337	0.0068	5			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.1435	0.0010				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.1530	0.0080				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.1580	0.0000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.1395	0.0110				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.1420	0.0020	0.1555	0.0134	0.0032	6	-1.01	4%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.1470	0.0020	0.1555	0.0134	0.0032	6	-0.63	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.1500	0.0020	0.1555	0.0134	0.0032	6	-0.41	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.1590	0.0030	0.1555	0.0134	0.0032	6	0.26	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.1600	0.0000	0.1555	0.0134	0.0032	6	0.34	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.1750	0.0100	0.1555	0.0134	0.0032	6	1.46	6%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.0319	0.0012				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1225	0.0050				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.1400	0.0000				3			0
136.99	Tryptophan, Miscellaneous (%)	0610	0.1500	0.0000				2			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.3225	0.0050				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.2810	0.0000	0.4156	0.0621	0.0064	11	-2.17	16%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.3600	0.0000	0.4156	0.0621	0.0064	11	-0.90	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.3650	0.0020	0.4156	0.0621	0.0064	11	-0.82	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.3850	0.0100	0.4156	0.0621	0.0064	11	-0.49	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.4027	0.0024	0.4156	0.0621	0.0064	11	-0.21	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.4200	0.0205	0.4156	0.0621	0.0064	11	0.07	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.4400	0.0000	0.4156	0.0621	0.0064	11	0.39	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.4425	0.0030	0.4156	0.0621	0.0064	11	0.43	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.4545	0.0170	0.4156	0.0621	0.0064	11	0.63	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.4710	0.0060	0.4156	0.0621	0.0064	11	0.89	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.5250	0.0100	0.4156	0.0621	0.0064	11	1.76	13%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.3950	0.0500	0.4156	0.0621	0.0064	11	-0.33	2%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.3785	0.0090				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.2117	0.0786	0.4875	0.1126	0.0250	9	-2.45	28%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.4000	0.0000	0.4875	0.1126	0.0250	9	-0.78	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.4325	0.0290	0.4875	0.1126	0.0250	9	-0.49	6%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.4750	0.0000	0.4875	0.1126	0.0250	9	-0.11	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.4800	0.0000	0.4875	0.1126	0.0250	9	-0.07	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.5150	0.0100	0.4875	0.1126	0.0250	9	0.24	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.5250	0.0100	0.4875	0.1126	0.0250	9	0.33	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.5850	0.0300	0.4875	0.1126	0.0250	9	0.87	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	1.267	0.0670	0.4875	0.1126	0.0250	9	6.92	80%	0
137.99	Tyrosine, Miscellaneous (%)	0889	0.3225	0.0050	0.4181	0.0808	0.0113	4			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.3800	0.0200	0.4181	0.0808	0.0113	4			0
137.99	Tyrosine, Miscellaneous (%)	2144	0.4800	0.0200	0.4181	0.0808	0.0113	4			0
137.99	Tyrosine, Miscellaneous (%)	0656	0.4900	0.0000	0.4181	0.0808	0.0113	4			0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.4524	0.0149	0.6631	0.0390	0.0124	19	-5.40	16%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.6230	0.0040	0.6631	0.0390	0.0124	19	-1.03	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.6250	0.0100	0.6631	0.0390	0.0124	19	-0.98	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.6325	0.0030	0.6631	0.0390	0.0124	19	-0.78	2%	0

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138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.6340	0.0000	0.6631	0.0390	0.0124	19	-0.75	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.6350	0.0100	0.6631	0.0390	0.0124	19	-0.72	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.6400	0.0400	0.6631	0.0390	0.0124	19	-0.59	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.6415	0.0070	0.6631	0.0390	0.0124	19	-0.55	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.6643	0.0204	0.6631	0.0390	0.0124	19	0.03	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.6650	0.0160	0.6631	0.0390	0.0124	19	0.05	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.6700	0.0000	0.6631	0.0390	0.0124	19	0.18	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.6725	0.0010	0.6631	0.0390	0.0124	19	0.24	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.6750	0.0500	0.6631	0.0390	0.0124	19	0.30	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.6850	0.0100	0.6631	0.0390	0.0124	19	0.56	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.6855	0.0050	0.6631	0.0390	0.0124	19	0.57	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.6915	0.0190	0.6631	0.0390	0.0124	19	0.73	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.7122	0.0046	0.6631	0.0390	0.0124	19	1.26	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.7210	0.0000	0.6631	0.0390	0.0124	19	1.48	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	0.7800	0.0200	0.6631	0.0390	0.0124	19	2.99	9%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.6685	0.0010				1			0
138.05	Valine, Pre-col AQC Der (%)	2319	0.5000	0.0000	0.6250	0.0957	0.0120	8	-1.31	10%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.5215	0.0210	0.6250	0.0957	0.0120	8	-1.08	8%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.6090	0.0000	0.6250	0.0957	0.0120	8	-0.17	1%	0
138.05	Valine, Pre-col AQC Der (%)	2246	0.6186	0.0208	0.6250	0.0957	0.0120	8	-0.07	1%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.6200	0.0000	0.6250	0.0957	0.0120	8	-0.05	0%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.6810	0.0140	0.6250	0.0957	0.0120	8	0.59	4%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.7200	0.0000	0.6250	0.0957	0.0120	8	0.99	8%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.7300	0.0400	0.6250	0.0957	0.0120	8	1.10	8%	0
138.99	Valine, Miscellaneous (%)	0889	0.6600	0.0000	0.6863	0.0320	0.0175	4			0
138.99	Valine, Miscellaneous (%)	0227	0.6650	0.0500	0.6863	0.0320	0.0175	4			0
138.99	Valine, Miscellaneous (%)	0656	0.6900	0.0000	0.6863	0.0320	0.0175	4			0
138.99	Valine, Miscellaneous (%)	2144	0.7300	0.0200	0.6863	0.0320	0.0175	4			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0650	0.0000				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0970	0.0040				1			0
139.05	Taurine, Pre-col AQC Der (%)	2319	< 0.01					1			5
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					0			5
160.10	Fructose, HPAEC PAD (%)	0297	0.1473	0.0166				1			0
160.99	Fructose, Miscellaneous (%)	0619	0.1970	0.0040				2			0
160.99	Fructose, Miscellaneous (%)	0227	0.2400	0.0400				2			0
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.1690	0.0160				1			0
162.99	Glucose, Miscellaneous (%)	0619	0.2145	0.0030				2			0
162.99	Glucose, Miscellaneous (%)	0227	0.2950	0.0300				2			0
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				0			4



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163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0		5	
164.10	Maltose, HPAEC PAD (%)	0297	0.3305	0.0390				1		0	
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0		5	
165.10	Sucrose, HPAEC PAD (%)	0297	2.258	0.3060				1		0	
165.99	Sucrose, Miscellaneous (%)	0619	0.7000	0.0120				2		0	
165.99	Sucrose, Miscellaneous (%)	0227	0.7850	0.0300				2		0	
166.10	Raffinose, HPAEC PAD (%)	0297	0.5895	0.0890				1		0	
166.99	Raffinose, Miscellaneous (%)	0619	0.1800	0.0000				2		0	
166.99	Raffinose, Miscellaneous (%)	0227	0.2300	0.0000				2		0	
167.10	Stachyose, HPAEC PAD (%)	0297	1.272	0.1580				1		0	
167.99	Stachyose, Miscellaneous (%)	0619	0.1160	0.0000				1		0	
167.99	Stachyose, Miscellaneous (%)	0227	< 0.05					1		5	
345.04	Amprolium, LC-MS/MS (ppm)	2234	0.0070	0.0020				2		0	
345.04	Amprolium, LC-MS/MS (ppm)	2314	0.2430	0.0080				2		0	
345.04	Amprolium, LC-MS/MS (ppm)	0148	< 2					2		5	
351.00	Chlortetracycline, Plate (ppm)	0218	144.5	4.445				3		0	
351.00	Chlortetracycline, Plate (ppm)	0043	158.2	0.0000				3		0	
351.00	Chlortetracycline, Plate (ppm)	0027	167.9	21.06				3		0	
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0910	116.5	1.000	132.2	13.55	4.681	7	-1.16	6%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	2135	116.5	1.000	132.2	13.55	4.681	7	-1.16	6%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	2152	128.9	0.8000	132.2	13.55	4.681	7	-0.24	1%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0904	135.0	14.17	132.2	13.55	4.681	7	0.21	1%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0010	141.7	3.300	132.2	13.55	4.681	7	0.70	4%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0035	141.8	0.5000	132.2	13.55	4.681	7	0.71	4%	0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0032	145.0	12.00	132.2	13.55	4.681	7	0.95	5%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	2305	21.00	0.4000	105.1	57.40	6.268	7	-1.47	40%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0148	65.25	1.100	105.1	57.40	6.268	7	-0.70	19%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0939	89.28	2.040	105.1	57.40	6.268	7	-0.28	8%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	2144	119.4	21.22	105.1	57.40	6.268	7	0.25	7%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	2234	121.7	9.130	105.1	57.40	6.268	7	0.29	8%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0028	156.4	1.985	105.1	57.40	6.268	7	0.89	24%	0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0001	163.0	8.000	105.1	57.40	6.268	7	1.01	28%	0
351.99	Chlortetracycline, Miscellaneous (ppm)	0160	245.5	79.00				1		0	
354.02	Decoquinatate, LC (ppm)	0910	0.4000	0.0000				2		0	
354.02	Decoquinatate, LC (ppm)	0027	0.6875	0.1630				2		0	
354.04	Decoquinatate, LC-MS/MS (ppm)	2314	0.1105	0.0030	0.3755	0.2272	0.0265	4		0	
354.04	Decoquinatate, LC-MS/MS (ppm)	0875	0.3150	0.0300	0.3755	0.2272	0.0265	4		0	
354.04	Decoquinatate, LC-MS/MS (ppm)	2234	0.4200	0.0200	0.3755	0.2272	0.0265	4		0	
354.04	Decoquinatate, LC-MS/MS (ppm)	2113	0.6565	0.0530	0.3755	0.2272	0.0265	4		0	
354.04	Decoquinatate, LC-MS/MS (ppm)	0148	< 0.5		0.3755	0.2272	0.0265	4		5	
361.02	Lasalocid Sodium, LC (ppm)	0910	< 0.1					0		5	
361.03	Lasalocid Sodium, LC (UV or FL) (ppm)	0590	0.1700	0.0000				1		0	

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361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0553	0.2100	0.0400				1			0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	2113	< 0.25					1			5
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0610	< 0.3					1			5
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	0875	< 0.625					1			5
365.00	Monensin, Plate (ppm)	0027	38.15	2.210				1			0
365.02	Monensin, LC (ppm)	0610	33.35	0.5000	35.22	1.893	0.4400	6	-0.99	3%	0
365.02	Monensin, LC (ppm)	0905	33.50	1.000	35.22	1.893	0.4400	6	-0.91	2%	0
365.02	Monensin, LC (ppm)	0910	34.85	0.3000	35.22	1.893	0.4400	6	-0.20	1%	0
365.02	Monensin, LC (ppm)	2192	35.65	0.1000	35.22	1.893	0.4400	6	0.23	1%	0
365.02	Monensin, LC (ppm)	0904	36.34	0.6400	35.22	1.893	0.4400	6	0.59	2%	0
365.02	Monensin, LC (ppm)	0668	37.65	0.1000	35.22	1.893	0.4400	6	1.28	3%	0
365.03	Monensin, LC-PCD (ppm)	0590	34.60	4.200	36.79	1.797	1.651	8	-1.22	3%	0
365.03	Monensin, LC-PCD (ppm)	0032	36.00	2.000	36.79	1.797	1.651	8	-0.44	1%	0
365.03	Monensin, LC-PCD (ppm)	2135	36.00	0.0000	36.79	1.797	1.651	8	-0.44	1%	0
365.03	Monensin, LC-PCD (ppm)	0035	36.04	0.5500	36.79	1.797	1.651	8	-0.42	1%	0
365.03	Monensin, LC-PCD (ppm)	0148	36.10	0.4000	36.79	1.797	1.651	8	-0.39	1%	0
365.03	Monensin, LC-PCD (ppm)	0010	37.70	2.860	36.79	1.797	1.651	8	0.51	1%	0
365.03	Monensin, LC-PCD (ppm)	0047	38.55	1.100	36.79	1.797	1.651	8	0.98	2%	0
365.03	Monensin, LC-PCD (ppm)	0033	39.35	2.100	36.79	1.797	1.651	8	1.42	3%	0
365.04	Monensin, LC-MS (ppm)	0013	34.85	1.900				2			0
365.04	Monensin, LC-MS (ppm)	0964	38.42	0.1102				2			0
365.05	Monensin, LC-MS/MS (ppm)	0001	32.10	1.400	35.94	2.447	1.299	11	-1.57	5%	0
365.05	Monensin, LC-MS/MS (ppm)	0028	33.50	2.200	35.94	2.447	1.299	11	-0.99	3%	0
365.05	Monensin, LC-MS/MS (ppm)	2234	33.56	2.390	35.94	2.447	1.299	11	-0.97	3%	0
365.05	Monensin, LC-MS/MS (ppm)	0619	35.30	0.0000	35.94	2.447	1.299	11	-0.26	1%	0
365.05	Monensin, LC-MS/MS (ppm)	0610	35.40	0.2000	35.94	2.447	1.299	11	-0.22	1%	0
365.05	Monensin, LC-MS/MS (ppm)	0148	37.00	1.800	35.94	2.447	1.299	11	0.44	1%	0
365.05	Monensin, LC-MS/MS (ppm)	2113	37.00	2.000	35.94	2.447	1.299	11	0.44	1%	0
365.05	Monensin, LC-MS/MS (ppm)	2053	37.05	0.5000	35.94	2.447	1.299	11	0.46	2%	0
365.05	Monensin, LC-MS/MS (ppm)	0860	37.11	0.0000	35.94	2.447	1.299	11	0.48	2%	0
365.05	Monensin, LC-MS/MS (ppm)	0875	37.50	1.000	35.94	2.447	1.299	11	0.64	2%	0
365.05	Monensin, LC-MS/MS (ppm)	0553	44.51	2.800	35.94	2.447	1.299	11	3.50	12%	0
365.05	Monensin, LC-MS/MS (ppm)	2055	34.00	10.00	35.94	2.447	1.299	11	-0.79	3%	1
365.99	Monensin, Miscellaneous (ppm)	2144	18.23	1.360				3			0
365.99	Monensin, Miscellaneous (ppm)	0668	37.20	1.000				3			0
365.99	Monensin, Miscellaneous (ppm)	0171	44.20	5.000				3			0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.5825	0.0050	0.5989	0.0109	0.0019	8	-1.51	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.5913	0.0014	0.5989	0.0109	0.0019	8	-0.70	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.5925	0.0050	0.5989	0.0109	0.0019	8	-0.59	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.6010	0.0020	0.5989	0.0109	0.0019	8	0.20	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.6016	0.0003	0.5989	0.0109	0.0019	8	0.25	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.6043	0.0003	0.5989	0.0109	0.0019	8	0.50	0%	0

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400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.6045	0.0010	0.5989	0.0109	0.0019	8	0.52	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.6133	0.0001	0.5989	0.0109	0.0019	8	1.32	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.5700	0.0200	0.5989	0.0109	0.0019	8	-2.66	2%	1
400.99	Water Activity, Miscellaneous (Units)	2073	0.5980	0.0040				1			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0045	0.1755	0.0190				2			0
516.00	Arsenic, Total, AA, Hydride (ppm)	0171	0.1830	0.0060				2			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0968	0.3615	0.0030				2			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0407	0.8050	0.2280				2			0
516.43	Arsenic, Total, ICP, Microwave (ppm)	0682	< 10					2			5
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0186	0.1655	0.0170				2			0
516.52	Arsenic, Total, ICP-MS, Open vessel (ppm)	0910	0.1800	0.0200				2			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0199	0.1500	0.0400	0.2079	0.0625	0.0178	5			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0227	0.1870	0.0180	0.2079	0.0625	0.0178	5			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0553	0.1880	0.0100	0.2079	0.0625	0.0178	5			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0939	0.2000	0.0000	0.2079	0.0625	0.0178	5			0
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	2012	0.3145	0.0210	0.2079	0.0625	0.0178	5			0
518.33	Cadmium, AAS, Microwave (ppm)	2246	0.1817	0.0105				1			0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.0775	0.0010				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0930	0.0067				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.1015	0.0010				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.1066	0.0104				3			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	2.991	0.0000				3			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.0900	0.0000				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.0935	0.0010				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0199	0.0690	0.0040	0.0879	0.0113	0.0042	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	2012	0.0875	0.0050	0.0879	0.0113	0.0042	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0939	0.0900	0.0000	0.0879	0.0113	0.0042	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0950	0.0060	0.0879	0.0113	0.0042	5			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.0980	0.0060	0.0879	0.0113	0.0042	5			0
520.41	Chromium, ICP, Dry ash (ppm)	0171	4.020	0.0200				2			0
520.41	Chromium, ICP, Dry ash (ppm)	0407	6.908	0.0797				2			0
520.42	Chromium, ICP, Open vessel (ppm)	0693	11.14	0.5350				2			0
520.42	Chromium, ICP, Open vessel (ppm)	0045	13.30	0.6000				2			0
520.43	Chromium, ICP, Microwave (ppm)	0968	3.754	0.0150	12.79	7.131	0.0314	4			0
520.43	Chromium, ICP, Microwave (ppm)	0407	12.45	0.0805	12.79	7.131	0.0314	4			0
520.43	Chromium, ICP, Microwave (ppm)	0510	13.83	0.0300	12.79	7.131	0.0314	4			0
520.43	Chromium, ICP, Microwave (ppm)	0682	21.14	0.0000	12.79	7.131	0.0314	4			0
520.52	Chromium, ICP-MS, Open vessel (ppm)	0186	2.650	0.1800				1			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0199	1.765	0.4900				3			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0164	11.95	0.1000				3			0
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	13.75	3.300				3			0
526.33	Lead, AAS, Microwave (ppm)	2246	0.2805	0.0510				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			
526.41	Lead, ICP, Dry ash (ppm)	0171	0.0830	0.0180				2		0	
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1719	0.0289				2		0	
526.43	Lead, ICP, Microwave (ppm)	0407	0.3545	0.0308				1		0	
526.43	Lead, ICP, Microwave (ppm)	0682	< 3					1		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	0.1500	0.0000				2		0	
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.1695	0.0010				2		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.1450	0.0080				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.1505	0.0050				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	2012	0.1625	0.0010				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0199	0.2300	0.0400				3		1	
529.99	Mercury, Miscellaneous (ppb)	2012	1.286	0.5490				2		0	
529.99	Mercury, Miscellaneous (ppb)	0199	2.500	1.000				2		0	
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					2		5	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					2		5	
539.41	Nickel, ICP, Dry ash (ppm)	0171	4.180	0.0000				2		0	
539.41	Nickel, ICP, Dry ash (ppm)	0407	5.092	0.0830				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	7.069	1.532				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	10.65	0.0000				2		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.815	0.0700				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	6.640	0.1000				2		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	6.825	1.030				2		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.0000	0.0000				0		4	
704.00	Caproic Acid (6:0), Miscellaneous GC (%)	0619	0.0020	0.0020				1		0	
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.0005	0.0010				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	0.0020	0.0000				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	< 0.01					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 Hydrolysis	0619	0.0085	0.0010				1		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0150	0.0000				1		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysis	0619	0.8510	0.0980				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.7840	0.0060				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.8200	0.1000				2		0	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hydrolysis	0619	0.0325	0.0130				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0265	0.0010				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0270	0.0000				2		0	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	0.1830	0.0240				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.1790	0.0000				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.1900	0.0000				2		0	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysis	0619	1.205	0.1300				1		0	



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724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	1.032	0.0070				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	1.035	0.0100				2		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	1.500	0.0800				1		0	
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alk	0148	1.940	0.0800				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	1.780	0.0400				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.839	0.0250				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.005	0.0400				3		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.1085	0.0130				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0164	0.0900	0.0000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0226	0.0900	0.0020				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0676	0.0980	0.0020				3		0	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydroly:	0619	0.0240	0.0100				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0150	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 Hydr	0619	0.0290	0.0160				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	0.0210	0.0000				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 (%	0676	< 0.01					0		5	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkal	0619	0.0000	0.0000				0		4	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Dir	0619	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0676	0.0000	0.0000				0		4	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0095	0.0010				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydrol	0619	0.0000	0.0000				0		4	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!	0619	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!	0226	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!	0676	0.0000	0.0000				0		4	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0160	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)	0226	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0676	0.0000	0.0000				0		4	
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	0619	0.0000	0.0000				0		4	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0		5	
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct M	0148	0.1060	0.0060				1		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell:	0164	0.1000	0.0000				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell:	0676	0.1000	0.0000				2		0	
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct M	0148	1.945	0.0900				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell:	0164	1.800	0.0400				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell:	0676	2.020	0.0400				2		0	

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758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.105	0.1100				1		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.165	0.0100				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/v))	0164	1.915	0.0500				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	4.400	0.2000				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	4.027	0.0400				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	4.205	0.1900				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.