

**Cattle Feed, Medicated**

**Animal Feed Scheme**

**# Labs Reporting: 199**

**Test Material Code # 201831**

**Method Proficiency Testing Report**

**Issue Date : 12/31/2018**

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	8.350	1.900				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.674	0.0380	7.872	0.1887	0.0800	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.678	0.2020	7.872	0.1887	0.0800	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.915	0.1300	7.872	0.1887	0.0800	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0016	8.015	0.0100	7.872	0.1887	0.0800	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.080	0.0200	7.872	0.1887	0.0800	5			0
001.03	Loss on Drying, Low temp. methods (%)	0878	7.605	0.1700	7.785	0.1450	0.0654	5			0
001.03	Loss on Drying, Low temp. methods (%)	0868	7.660	0.0000	7.785	0.1450	0.0654	5			0
001.03	Loss on Drying, Low temp. methods (%)	0893	7.835	0.0100	7.785	0.1450	0.0654	5			0
001.03	Loss on Drying, Low temp. methods (%)	2062	7.883	0.0470	7.785	0.1450	0.0654	5			0
001.03	Loss on Drying, Low temp. methods (%)	0619	7.940	0.1000	7.785	0.1450	0.0654	5			0
001.05	Loss on Drying, LECO (%)	0644	7.225	0.2300				2			0
001.05	Loss on Drying, LECO (%)	0610	7.510	0.0000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	6.895	0.0700	7.776	0.2263	0.0996	47	-3.89	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	7.090	0.1000	7.776	0.2263	0.0996	47	-3.03	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	7.250	0.1000	7.776	0.2263	0.0996	47	-2.32	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	7.325	0.6500	7.776	0.2263	0.0996	47	-1.99	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	7.365	0.1100	7.776	0.2263	0.0996	47	-1.82	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.540	0.0000	7.776	0.2263	0.0996	47	-1.04	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	7.587	0.0740	7.776	0.2263	0.0996	47	-0.83	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.590	0.0400	7.776	0.2263	0.0996	47	-0.82	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	7.605	0.0700	7.776	0.2263	0.0996	47	-0.76	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	7.615	0.1500	7.776	0.2263	0.0996	47	-0.71	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	7.635	0.0300	7.776	0.2263	0.0996	47	-0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.650	0.0200	7.776	0.2263	0.0996	47	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0039	7.656	0.0690	7.776	0.2263	0.0996	47	-0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	7.660	0.0000	7.776	0.2263	0.0996	47	-0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2145	7.670	0.0400	7.776	0.2263	0.0996	47	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2195	7.670	0.0400	7.776	0.2263	0.0996	47	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.685	0.1300	7.776	0.2263	0.0996	47	-0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.705	0.0500	7.776	0.2263	0.0996	47	-0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	7.710	0.0400	7.776	0.2263	0.0996	47	-0.29	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	7.725	0.4100	7.776	0.2263	0.0996	47	-0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	7.735	0.0900	7.776	0.2263	0.0996	47	-0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.740	0.0200	7.776	0.2263	0.0996	47	-0.16	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	7.740	0.0400	7.776	0.2263	0.0996	47	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	7.742	0.0221	7.776	0.2263	0.0996	47	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.751	0.0038	7.776	0.2263	0.0996	47	-0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	7.760	0.0600	7.776	0.2263	0.0996	47	-0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	7.780	0.0200	7.776	0.2263	0.0996	47	0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.790	0.1000	7.776	0.2263	0.0996	47	0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	7.815	0.0300	7.776	0.2263	0.0996	47	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.820	0.1400	7.776	0.2263	0.0996	47	0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	7.845	0.0500	7.776	0.2263	0.0996	47	0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	7.850	0.0200	7.776	0.2263	0.0996	47	0.33	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.880	0.0400	7.776	0.2263	0.0996	47	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	7.905	0.0700	7.776	0.2263	0.0996	47	0.57	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.945	0.1100	7.776	0.2263	0.0996	47	0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.950	0.0200	7.776	0.2263	0.0996	47	0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	7.950	0.0800	7.776	0.2263	0.0996	47	0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	7.960	0.0200	7.776	0.2263	0.0996	47	0.81	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.000	0.2000	7.776	0.2263	0.0996	47	0.99	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	8.015	0.2500	7.776	0.2263	0.0996	47	1.06	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	8.025	0.0900	7.776	0.2263	0.0996	47	1.10	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	8.028	0.0622	7.776	0.2263	0.0996	47	1.11	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	8.098	0.1740	7.776	0.2263	0.0996	47	1.42	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	8.129	0.0370	7.776	0.2263	0.0996	47	1.56	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	8.175	0.0700	7.776	0.2263	0.0996	47	1.76	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	8.240	0.2200	7.776	0.2263	0.0996	47	2.05	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.685	0.4500	7.776	0.2263	0.0996	47	4.02	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.995	1.250	7.776	0.2263	0.0996	47	5.39	8%	1
001.99	Loss on Drying, Miscellaneous (%)	0618	5.915	0.0300	7.679	0.4863	0.1183	23	-3.63	11%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	6.835	0.4300	7.679	0.4863	0.1183	23	-1.74	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	7.035	0.0700	7.679	0.4863	0.1183	23	-1.33	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	7.110	0.1800	7.679	0.4863	0.1183	23	-1.17	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.300	0.0000	7.679	0.4863	0.1183	23	-0.78	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	7.425	0.7100	7.679	0.4863	0.1183	23	-0.52	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	7.460	0.0600	7.679	0.4863	0.1183	23	-0.45	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0034	7.470	0.2600	7.679	0.4863	0.1183	23	-0.43	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.505	0.1900	7.679	0.4863	0.1183	23	-0.36	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	7.600	0.1000	7.679	0.4863	0.1183	23	-0.16	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	7.685	0.0500	7.679	0.4863	0.1183	23	0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.685	0.0100	7.679	0.4863	0.1183	23	0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	7.765	0.0100	7.679	0.4863	0.1183	23	0.18	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	7.800	0.2000	7.679	0.4863	0.1183	23	0.25	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	7.889	0.0017	7.679	0.4863	0.1183	23	0.43	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2126	7.905	0.0100	7.679	0.4863	0.1183	23	0.46	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			
001.99	Loss on Drying, Miscellaneous (%)	0037	7.920	0.1000	7.679	0.4863	0.1183	23	0.49	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	8.015	0.0300	7.679	0.4863	0.1183	23	0.69	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	8.105	0.0100	7.679	0.4863	0.1183	23	0.87	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	8.115	0.0500	7.679	0.4863	0.1183	23	0.90	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.145	0.0500	7.679	0.4863	0.1183	23	0.96	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	8.385	0.1500	7.679	0.4863	0.1183	23	1.45	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	8.560	0.0200	7.679	0.4863	0.1183	23	1.81	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	7.080	1.220	7.679	0.4863	0.1183	23	-1.23	4%	1
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0656	30.49	0.2600	30.96	0.3295	0.0964	17	-1.43	1%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	2193	30.59	0.0700	30.96	0.3295	0.0964	17	-1.14	1%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0870	30.63	0.2200	30.96	0.3295	0.0964	17	-0.99	1%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0199	30.67	0.0400	30.96	0.3295	0.0964	17	-0.88	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	2188	30.71	0.0800	30.96	0.3295	0.0964	17	-0.76	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0968	30.78	0.0290	30.96	0.3295	0.0964	17	-0.53	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0889	30.79	0.2000	30.96	0.3295	0.0964	17	-0.52	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0652	30.95	0.1000	30.96	0.3295	0.0964	17	-0.03	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	2196	30.97	0.0000	30.96	0.3295	0.0964	17	0.03	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	2198	31.03	0.0400	30.96	0.3295	0.0964	17	0.21	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0152	31.06	0.0900	30.96	0.3295	0.0964	17	0.29	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0685	31.13	0.0100	30.96	0.3295	0.0964	17	0.50	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0610	31.20	0.2000	30.96	0.3295	0.0964	17	0.73	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0164	31.25	0.1200	30.96	0.3295	0.0964	17	0.88	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0653	31.27	0.0300	30.96	0.3295	0.0964	17	0.92	0%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0028	31.40	0.1500	30.96	0.3295	0.0964	17	1.32	1%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	2195	31.42	0.0000	30.96	0.3295	0.0964	17	1.40	1%	0
002.01	Protein, Crude, Auto Kjehl-Foss (%)	0910	30.70	0.6000	30.96	0.3295	0.0964	17	-0.79	0%	1
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	31.00	0.1400				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0042	31.32	0.1900				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	31.48	0.0021				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0169	31.81	0.9600				3			1
002.03	Protein, Crude, Hach Method (%)	2128	31.17	0.6700				2			0
002.03	Protein, Crude, Hach Method (%)	0536	31.89	0.0000				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0874	28.78	0.0300				3			0
002.04	Protein, Crude, Copper Catalyst (%)	0187	29.90	0.0200				3			0
002.04	Protein, Crude, Copper Catalyst (%)	0405	30.70	0.0000				3			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	31.14	0.3000				3			1
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	30.45	0.3000	31.08	0.3716	0.1372	32	-1.69	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	30.65	0.0900	31.08	0.3716	0.1372	32	-1.17	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2097	30.67	0.5281	31.08	0.3716	0.1372	32	-1.09	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	30.68	0.0500	31.08	0.3716	0.1372	32	-1.09	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	30.68	0.0300	31.08	0.3716	0.1372	32	-1.09	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	30.74	0.0000	31.08	0.3716	0.1372	32	-0.91	1%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	0683	30.74	0.0800	31.08	0.3716	0.1372	32	-0.91	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	30.80	0.2000	31.08	0.3716	0.1372	32	-0.75	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	30.80	0.4000	31.08	0.3716	0.1372	32	-0.75	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	30.87	0.1300	31.08	0.3716	0.1372	32	-0.58	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	30.87	0.0400	31.08	0.3716	0.1372	32	-0.56	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	30.94	0.0410	31.08	0.3716	0.1372	32	-0.39	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0849	30.95	0.0980	31.08	0.3716	0.1372	32	-0.35	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	30.95	0.5000	31.08	0.3716	0.1372	32	-0.35	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2062	30.96	0.0444	31.08	0.3716	0.1372	32	-0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	31.06	0.0600	31.08	0.3716	0.1372	32	-0.05	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2145	31.08	0.0800	31.08	0.3716	0.1372	32	0.00	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	31.09	0.1600	31.08	0.3716	0.1372	32	0.03	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	31.12	0.0328	31.08	0.3716	0.1372	32	0.10	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0893	31.17	0.0100	31.08	0.3716	0.1372	32	0.23	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	31.23	0.0700	31.08	0.3716	0.1372	32	0.39	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	31.31	0.1780	31.08	0.3716	0.1372	32	0.61	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	31.31	0.1000	31.08	0.3716	0.1372	32	0.62	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	31.32	0.0067	31.08	0.3716	0.1372	32	0.64	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	31.35	0.0400	31.08	0.3716	0.1372	32	0.73	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	31.35	0.4200	31.08	0.3716	0.1372	32	0.73	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0955	31.35	0.1000	31.08	0.3716	0.1372	32	0.73	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	31.46	0.0500	31.08	0.3716	0.1372	32	1.01	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	31.64	0.2100	31.08	0.3716	0.1372	32	1.50	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0952	31.80	0.1200	31.08	0.3716	0.1372	32	1.94	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	31.88	0.1700	31.08	0.3716	0.1372	32	2.14	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	32.27	0.0500	31.08	0.3716	0.1372	32	3.19	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	30.78	1.620	31.08	0.3716	0.1372	32	-0.80	0%	1
002.05	Protein, Crude, Copper, Boric Acid (%)	2012	31.57	1.230	31.08	0.3716	0.1372	32	1.31	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	28.28	0.1660	31.45	0.3140	0.2133	124	-10.12	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	30.05	0.3000	31.45	0.3140	0.2133	124	-4.47	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0720	30.58	0.0600	31.45	0.3140	0.2133	124	-2.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2022	30.59	0.0900	31.45	0.3140	0.2133	124	-2.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	30.76	0.0230	31.45	0.3140	0.2133	124	-2.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	30.77	0.4000	31.45	0.3140	0.2133	124	-2.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	30.90	0.6400	31.45	0.3140	0.2133	124	-1.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0695	30.92	0.4800	31.45	0.3140	0.2133	124	-1.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0139	30.96	0.4300	31.45	0.3140	0.2133	124	-1.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	30.99	0.5600	31.45	0.3140	0.2133	124	-1.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0546	31.00	0.2000	31.45	0.3140	0.2133	124	-1.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	31.02	0.0900	31.45	0.3140	0.2133	124	-1.40	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	31.04	0.3000	31.45	0.3140	0.2133	124	-1.32	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	31.05	0.3000	31.45	0.3140	0.2133	124	-1.29	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	31.06	0.0050	31.45	0.3140	0.2133	124	-1.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	31.13	0.2500	31.45	0.3140	0.2133	124	-1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	31.15	0.1000	31.45	0.3140	0.2133	124	-0.97	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	31.17	0.8730	31.45	0.3140	0.2133	124	-0.89	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0592	31.18	0.2000	31.45	0.3140	0.2133	124	-0.87	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	31.20	0.0000	31.45	0.3140	0.2133	124	-0.81	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	31.20	0.1100	31.45	0.3140	0.2133	124	-0.80	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0032	31.20	0.1470	31.45	0.3140	0.2133	124	-0.79	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	31.23	0.1300	31.45	0.3140	0.2133	124	-0.73	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	31.23	0.1400	31.45	0.3140	0.2133	124	-0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	31.24	0.1300	31.45	0.3140	0.2133	124	-0.70	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	31.24	0.0600	31.45	0.3140	0.2133	124	-0.68	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	31.25	0.0100	31.45	0.3140	0.2133	124	-0.66	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	31.25	0.1000	31.45	0.3140	0.2133	124	-0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	31.25	0.3000	31.45	0.3140	0.2133	124	-0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	31.25	0.1000	31.45	0.3140	0.2133	124	-0.65	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	31.27	0.1900	31.45	0.3140	0.2133	124	-0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	31.28	0.0100	31.45	0.3140	0.2133	124	-0.57	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	31.28	0.1312	31.45	0.3140	0.2133	124	-0.57	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0861	31.28	0.2000	31.45	0.3140	0.2133	124	-0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	31.29	0.1600	31.45	0.3140	0.2133	124	-0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	31.30	0.2000	31.45	0.3140	0.2133	124	-0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0955	31.30	0.8000	31.45	0.3140	0.2133	124	-0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	31.30	0.0000	31.45	0.3140	0.2133	124	-0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0581	31.32	0.2200	31.45	0.3140	0.2133	124	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	31.32	0.1400	31.45	0.3140	0.2133	124	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2126	31.32	0.0800	31.45	0.3140	0.2133	124	-0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	31.34	0.0400	31.45	0.3140	0.2133	124	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	31.34	0.0400	31.45	0.3140	0.2133	124	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	31.35	0.0100	31.45	0.3140	0.2133	124	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	31.35	0.0900	31.45	0.3140	0.2133	124	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	31.35	0.3300	31.45	0.3140	0.2133	124	-0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0016	31.35	0.3000	31.45	0.3140	0.2133	124	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	31.35	0.1000	31.45	0.3140	0.2133	124	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	31.36	0.0500	31.45	0.3140	0.2133	124	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	31.36	0.2100	31.45	0.3140	0.2133	124	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	31.36	0.0310	31.45	0.3140	0.2133	124	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	31.37	0.2100	31.45	0.3140	0.2133	124	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0039	31.37	0.0030	31.45	0.3140	0.2133	124	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	31.37	0.2320	31.45	0.3140	0.2133	124	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	31.38	0.2500	31.45	0.3140	0.2133	124	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	31.38	0.0915	31.45	0.3140	0.2133	124	-0.24	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	31.40	0.0000	31.45	0.3140	0.2133	124	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	31.40	0.2000	31.45	0.3140	0.2133	124	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	31.40	0.3600	31.45	0.3140	0.2133	124	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	31.41	0.3400	31.45	0.3140	0.2133	124	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	31.41	0.4400	31.45	0.3140	0.2133	124	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0205	31.42	0.0500	31.45	0.3140	0.2133	124	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	31.43	0.4300	31.45	0.3140	0.2133	124	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	31.43	0.0100	31.45	0.3140	0.2133	124	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2053	31.43	0.2600	31.45	0.3140	0.2133	124	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	31.44	0.0100	31.45	0.3140	0.2133	124	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	31.45	0.0500	31.45	0.3140	0.2133	124	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	31.47	0.0200	31.45	0.3140	0.2133	124	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	31.47	0.0000	31.45	0.3140	0.2133	124	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	31.48	0.4400	31.45	0.3140	0.2133	124	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	31.48	0.0180	31.45	0.3140	0.2133	124	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	31.48	0.0566	31.45	0.3140	0.2133	124	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	31.50	0.0800	31.45	0.3140	0.2133	124	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	31.50	0.2000	31.45	0.3140	0.2133	124	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	31.51	0.3490	31.45	0.3140	0.2133	124	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	31.53	0.4300	31.45	0.3140	0.2133	124	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2215	31.53	0.0100	31.45	0.3140	0.2133	124	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2190	31.53	0.2200	31.45	0.3140	0.2133	124	0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0630	31.55	0.0700	31.45	0.3140	0.2133	124	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	31.55	0.1995	31.45	0.3140	0.2133	124	0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	31.55	0.3000	31.45	0.3140	0.2133	124	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	31.55	0.1400	31.45	0.3140	0.2133	124	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	31.55	0.1000	31.45	0.3140	0.2133	124	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	31.56	0.0000	31.45	0.3140	0.2133	124	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	31.56	0.0000	31.45	0.3140	0.2133	124	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	31.56	0.0000	31.45	0.3140	0.2133	124	0.35	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	31.60	0.8000	31.45	0.3140	0.2133	124	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	31.62	0.1700	31.45	0.3140	0.2133	124	0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	31.62	0.3500	31.45	0.3140	0.2133	124	0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	31.63	0.6100	31.45	0.3140	0.2133	124	0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	31.64	0.4680	31.45	0.3140	0.2133	124	0.61	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	31.65	0.3000	31.45	0.3140	0.2133	124	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	31.65	0.1000	31.45	0.3140	0.2133	124	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	31.65	1.100	31.45	0.3140	0.2133	124	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	31.68	0.0110	31.45	0.3140	0.2133	124	0.73	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	31.69	0.2500	31.45	0.3140	0.2133	124	0.74	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0300	31.69	0.1300	31.45	0.3140	0.2133	124	0.74	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	31.69	0.0719	31.45	0.3140	0.2133	124	0.75	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	31.69	0.3000	31.45	0.3140	0.2133	124	0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	31.70	0.4000	31.45	0.3140	0.2133	124	0.78	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	31.71	0.0000	31.45	0.3140	0.2133	124	0.82	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	31.72	0.0100	31.45	0.3140	0.2133	124	0.83	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	31.74	0.6700	31.45	0.3140	0.2133	124	0.90	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	31.74	0.1200	31.45	0.3140	0.2133	124	0.91	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	31.75	0.3900	31.45	0.3140	0.2133	124	0.93	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0199	31.77	0.1000	31.45	0.3140	0.2133	124	1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0015	31.78	0.4100	31.45	0.3140	0.2133	124	1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	31.85	0.2200	31.45	0.3140	0.2133	124	1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	31.93	0.0540	31.45	0.3140	0.2133	124	1.52	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	31.94	0.0200	31.45	0.3140	0.2133	124	1.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	31.95	0.0100	31.45	0.3140	0.2133	124	1.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	31.96	0.0700	31.45	0.3140	0.2133	124	1.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	31.96	0.0200	31.45	0.3140	0.2133	124	1.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0119	31.98	0.1200	31.45	0.3140	0.2133	124	1.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	31.99	0.4100	31.45	0.3140	0.2133	124	1.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	32.00	0.2000	31.45	0.3140	0.2133	124	1.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	32.06	0.3900	31.45	0.3140	0.2133	124	1.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	32.07	0.4400	31.45	0.3140	0.2133	124	1.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	32.15	0.3300	31.45	0.3140	0.2133	124	2.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	32.35	0.1300	31.45	0.3140	0.2133	124	2.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	32.54	0.9400	31.45	0.3140	0.2133	124	3.46	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2057	32.59	0.0290	31.45	0.3140	0.2133	124	3.63	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2012	32.88	0.4300	31.45	0.3140	0.2133	124	4.53	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	41.43	0.2800	31.45	0.3140	0.2133	124	31.77	16%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	31.50	1.598	31.45	0.3140	0.2133	124	0.14	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	33.25	2.800	31.45	0.3140	0.2133	124	5.72	3%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	33.51	1.940	31.45	0.3140	0.2133	124	6.55	3%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	14.12	0.0300	31.45	0.3140	0.2133	124	-55.22	28%	2
002.08	Protein, Crude, Cu/Ti (%)	0098	31.14	0.1200				1			0
002.10	Protein, Crude, Block dig/distillation (%)	0629	31.09	0.0600				1			0
002.11	Protein, Crude, NIR (%)	0297	19.71	0.1000	30.94	6.718	0.3160	5			0
002.11	Protein, Crude, NIR (%)	0889	30.82	0.7600	30.94	6.718	0.3160	5			0
002.11	Protein, Crude, NIR (%)	0910	32.39	0.1700	30.94	6.718	0.3160	5			0
002.11	Protein, Crude, NIR (%)	0852	34.59	0.1600	30.94	6.718	0.3160	5			0
002.11	Protein, Crude, NIR (%)	0720	37.19	0.3900	30.94	6.718	0.3160	5			0
002.99	Protein, Crude, Miscellaneous (%)	0643	31.40	0.0300				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2198	2.405	0.0500	3.167	0.4396	0.0718	13	-1.73	12%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	2.697	0.0395	3.167	0.4396	0.0718	13	-1.07	7%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	2.755	0.1900	3.167	0.4396	0.0718	13	-0.94	7%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	2.830	0.0800	3.167	0.4396	0.0718	13	-0.77	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2053	3.055	0.1100	3.167	0.4396	0.0718	13	-0.25	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	3.145	0.1100	3.167	0.4396	0.0718	13	-0.05	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	3.151	0.0139	3.167	0.4396	0.0718	13	-0.04	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0653	3.305	0.0300	3.167	0.4396	0.0718	13	0.31	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0152	3.350	0.0600	3.167	0.4396	0.0718	13	0.42	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	3.390	0.0400	3.167	0.4396	0.0718	13	0.51	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2126	3.575	0.0300	3.167	0.4396	0.0718	13	0.93	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0656	3.660	0.0800	3.167	0.4396	0.0718	13	1.12	8%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	3.750	0.1000	3.167	0.4396	0.0718	13	1.33	9%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	2.155	0.0300				1			0
003.06	Fat, Crude, Pet Ether (%)	0297	1.550	0.0200	2.946	0.3818	0.1057	20	-3.66	24%	0
003.06	Fat, Crude, Pet Ether (%)	0263	1.776	0.0350	2.946	0.3818	0.1057	20	-3.07	20%	0
003.06	Fat, Crude, Pet Ether (%)	0169	2.430	0.0600	2.946	0.3818	0.1057	20	-1.35	9%	0
003.06	Fat, Crude, Pet Ether (%)	0229	2.455	0.0580	2.946	0.3818	0.1057	20	-1.29	8%	0
003.06	Fat, Crude, Pet Ether (%)	0425	2.635	0.0100	2.946	0.3818	0.1057	20	-0.82	5%	0
003.06	Fat, Crude, Pet Ether (%)	0884	2.800	0.0000	2.946	0.3818	0.1057	20	-0.38	2%	0
003.06	Fat, Crude, Pet Ether (%)	0644	2.868	0.0570	2.946	0.3818	0.1057	20	-0.21	1%	0
003.06	Fat, Crude, Pet Ether (%)	2097	2.945	0.1029	2.946	0.3818	0.1057	20	0.00	0%	0
003.06	Fat, Crude, Pet Ether (%)	0294	2.965	0.4700	2.946	0.3818	0.1057	20	0.05	0%	0
003.06	Fat, Crude, Pet Ether (%)	2181	3.010	0.0200	2.946	0.3818	0.1057	20	0.17	1%	0
003.06	Fat, Crude, Pet Ether (%)	0300	3.015	0.0700	2.946	0.3818	0.1057	20	0.18	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	3.050	0.1000	2.946	0.3818	0.1057	20	0.27	2%	0
003.06	Fat, Crude, Pet Ether (%)	0682	3.110	0.0000	2.946	0.3818	0.1057	20	0.43	3%	0
003.06	Fat, Crude, Pet Ether (%)	0918	3.145	0.1900	2.946	0.3818	0.1057	20	0.52	3%	0
003.06	Fat, Crude, Pet Ether (%)	0849	3.154	0.0320	2.946	0.3818	0.1057	20	0.54	4%	0
003.06	Fat, Crude, Pet Ether (%)	0687	3.215	0.2100	2.946	0.3818	0.1057	20	0.70	5%	0
003.06	Fat, Crude, Pet Ether (%)	0511	3.220	0.2200	2.946	0.3818	0.1057	20	0.72	5%	0
003.06	Fat, Crude, Pet Ether (%)	0164	3.320	0.4400	2.946	0.3818	0.1057	20	0.98	6%	0
003.06	Fat, Crude, Pet Ether (%)	0199	3.405	0.0100	2.946	0.3818	0.1057	20	1.20	8%	0
003.06	Fat, Crude, Pet Ether (%)	0910	3.435	0.0100	2.946	0.3818	0.1057	20	1.28	8%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	2.299	0.0280	3.014	0.5255	0.0759	14	-1.36	12%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	2.520	0.0400	3.014	0.5255	0.0759	14	-0.94	8%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	2.605	0.0343	3.014	0.5255	0.0759	14	-0.78	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2012	2.645	0.1100	3.014	0.5255	0.0759	14	-0.70	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	2.775	0.0300	3.014	0.5255	0.0759	14	-0.45	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	2.775	0.0500	3.014	0.5255	0.0759	14	-0.45	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	2.835	0.0900	3.014	0.5255	0.0759	14	-0.34	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	2.875	0.0500	3.014	0.5255	0.0759	14	-0.26	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	3.075	0.0700	3.014	0.5255	0.0759	14	0.12	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	3.350	0.0200	3.014	0.5255	0.0759	14	0.64	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	3.500	0.2000	3.014	0.5255	0.0759	14	0.92	8%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0630	3.550	0.1800	3.014	0.5255	0.0759	14	1.02	9%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	3.680	0.1000	3.014	0.5255	0.0759	14	1.27	11%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	3.710	0.0600	3.014	0.5255	0.0759	14	1.32	12%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0861	1.785	0.0300	2.490	0.3577	0.0830	33	-1.97	14%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0952	1.960	0.0200	2.490	0.3577	0.0830	33	-1.48	11%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	1.995	0.1500	2.490	0.3577	0.0830	33	-1.38	10%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	2.015	0.0500	2.490	0.3577	0.0830	33	-1.33	10%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	2.140	0.0000	2.490	0.3577	0.0830	33	-0.98	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	2.165	0.0100	2.490	0.3577	0.0830	33	-0.91	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	2.170	0.0200	2.490	0.3577	0.0830	33	-0.90	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2195	2.230	0.0000	2.490	0.3577	0.0830	33	-0.73	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	2.245	0.0300	2.490	0.3577	0.0830	33	-0.69	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0298	2.250	0.0200	2.490	0.3577	0.0830	33	-0.67	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0553	2.340	0.1400	2.490	0.3577	0.0830	33	-0.42	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	2.395	0.2100	2.490	0.3577	0.0830	33	-0.27	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	2.425	0.1434	2.490	0.3577	0.0830	33	-0.18	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	2.447	0.1630	2.490	0.3577	0.0830	33	-0.12	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	2.485	0.1300	2.490	0.3577	0.0830	33	-0.01	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	2.493	0.1418	2.490	0.3577	0.0830	33	0.01	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0868	2.495	0.0500	2.490	0.3577	0.0830	33	0.01	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	2.531	0.0250	2.490	0.3577	0.0830	33	0.11	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0119	2.545	0.0700	2.490	0.3577	0.0830	33	0.15	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	2.550	0.0000	2.490	0.3577	0.0830	33	0.17	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0651	2.565	0.0210	2.490	0.3577	0.0830	33	0.21	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0629	2.575	0.3300	2.490	0.3577	0.0830	33	0.24	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	2.580	0.1200	2.490	0.3577	0.0830	33	0.25	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0695	2.691	0.0940	2.490	0.3577	0.0830	33	0.56	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	2.702	0.0092	2.490	0.3577	0.0830	33	0.59	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	2.760	0.1000	2.490	0.3577	0.0830	33	0.75	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	2.775	0.0100	2.490	0.3577	0.0830	33	0.80	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	2.800	0.0600	2.490	0.3577	0.0830	33	0.87	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	2.840	0.0400	2.490	0.3577	0.0830	33	0.98	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	2.980	0.1000	2.490	0.3577	0.0830	33	1.37	10%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	3.078	0.1610	2.490	0.3577	0.0830	33	1.64	12%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	3.710	0.1200	2.490	0.3577	0.0830	33	3.41	24%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0720	3.735	0.1700	2.490	0.3577	0.0830	33	3.48	25%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	2.625	0.4700	2.490	0.3577	0.0830	33	0.38	3%	1
003.11	Fat, Crude, NIR (%)	0297	2.200	0.0200	3.202	0.7906	0.0567	6	-1.27	16%	0
003.11	Fat, Crude, NIR (%)	0405	2.980	0.0000	3.202	0.7906	0.0567	6	-0.28	3%	0
003.11	Fat, Crude, NIR (%)	0910	3.130	0.0200	3.202	0.7906	0.0567	6	-0.09	1%	0
003.11	Fat, Crude, NIR (%)	0889	3.145	0.1100	3.202	0.7906	0.0567	6	-0.07	1%	0
003.11	Fat, Crude, NIR (%)	0720	3.400	0.0400	3.202	0.7906	0.0567	6	0.25	3%	0
003.11	Fat, Crude, NIR (%)	0852	4.355	0.1500	3.202	0.7906	0.0567	6	1.46	18%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.12	Fat, Crude, Hexane Ext (%)	0893	2.135	0.0100	2.439	0.3604	0.0343	4			0
003.12	Fat, Crude, Hexane Ext (%)	0171	2.250	0.0200	2.439	0.3604	0.0343	4			0
003.12	Fat, Crude, Hexane Ext (%)	2062	2.419	0.0073	2.439	0.3604	0.0343	4			0
003.12	Fat, Crude, Hexane Ext (%)	2199	2.950	0.1000	2.439	0.3604	0.0343	4			0
003.12	Fat, Crude, Hexane Ext (%)	2200	3.700	0.8000	2.439	0.3604	0.0343	4			1
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0205	2.449	0.0850	2.893	0.4345	0.0733	6	-1.02	8%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	2.555	0.1100	2.893	0.4345	0.0733	6	-0.78	6%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0187	2.765	0.0100	2.893	0.4345	0.0733	6	-0.30	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	2.910	0.1200	2.893	0.4345	0.0733	6	0.04	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	3.290	0.0400	2.893	0.4345	0.0733	6	0.91	7%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	3.391	0.0748	2.893	0.4345	0.0733	6	1.15	9%	0
003.14	Fat, Crude, Ankom (%)	0357	1.450	0.1000	2.535	0.3524	0.1155	51	-3.08	21%	0
003.14	Fat, Crude, Ankom (%)	0175	1.500	0.2400	2.535	0.3524	0.1155	51	-2.94	20%	0
003.14	Fat, Crude, Ankom (%)	0848	2.090	0.0400	2.535	0.3524	0.1155	51	-1.26	9%	0
003.14	Fat, Crude, Ankom (%)	0939	2.120	0.0200	2.535	0.3524	0.1155	51	-1.18	8%	0
003.14	Fat, Crude, Ankom (%)	0019	2.150	0.0800	2.535	0.3524	0.1155	51	-1.09	8%	0
003.14	Fat, Crude, Ankom (%)	0037	2.180	0.1200	2.535	0.3524	0.1155	51	-1.01	7%	0
003.14	Fat, Crude, Ankom (%)	0358	2.195	0.0100	2.535	0.3524	0.1155	51	-0.97	7%	0
003.14	Fat, Crude, Ankom (%)	0265	2.215	0.0500	2.535	0.3524	0.1155	51	-0.91	6%	0
003.14	Fat, Crude, Ankom (%)	0692	2.250	0.5000	2.535	0.3524	0.1155	51	-0.81	6%	0
003.14	Fat, Crude, Ankom (%)	0034	2.255	0.0100	2.535	0.3524	0.1155	51	-0.80	6%	0
003.14	Fat, Crude, Ankom (%)	0186	2.275	0.0700	2.535	0.3524	0.1155	51	-0.74	5%	0
003.14	Fat, Crude, Ankom (%)	2129	2.280	0.0600	2.535	0.3524	0.1155	51	-0.72	5%	0
003.14	Fat, Crude, Ankom (%)	0144	2.300	0.0600	2.535	0.3524	0.1155	51	-0.67	5%	0
003.14	Fat, Crude, Ankom (%)	0083	2.335	0.0900	2.535	0.3524	0.1155	51	-0.57	4%	0
003.14	Fat, Crude, Ankom (%)	0912	2.350	0.1200	2.535	0.3524	0.1155	51	-0.53	4%	0
003.14	Fat, Crude, Ankom (%)	0505	2.370	0.0400	2.535	0.3524	0.1155	51	-0.47	3%	0
003.14	Fat, Crude, Ankom (%)	0229	2.378	0.0410	2.535	0.3524	0.1155	51	-0.45	3%	0
003.14	Fat, Crude, Ankom (%)	0049	2.395	0.1500	2.535	0.3524	0.1155	51	-0.40	3%	0
003.14	Fat, Crude, Ankom (%)	0878	2.400	0.0400	2.535	0.3524	0.1155	51	-0.38	3%	0
003.14	Fat, Crude, Ankom (%)	0598	2.405	0.2500	2.535	0.3524	0.1155	51	-0.37	3%	0
003.14	Fat, Crude, Ankom (%)	2076	2.411	0.0852	2.535	0.3524	0.1155	51	-0.35	2%	0
003.14	Fat, Crude, Ankom (%)	0581	2.425	0.0100	2.535	0.3524	0.1155	51	-0.31	2%	0
003.14	Fat, Crude, Ankom (%)	0868	2.450	0.0600	2.535	0.3524	0.1155	51	-0.24	2%	0
003.14	Fat, Crude, Ankom (%)	0956	2.450	0.1000	2.535	0.3524	0.1155	51	-0.24	2%	0
003.14	Fat, Crude, Ankom (%)	0574	2.465	0.0100	2.535	0.3524	0.1155	51	-0.20	1%	0
003.14	Fat, Crude, Ankom (%)	0108	2.480	0.2200	2.535	0.3524	0.1155	51	-0.16	1%	0
003.14	Fat, Crude, Ankom (%)	0407	2.490	0.1223	2.535	0.3524	0.1155	51	-0.13	1%	0
003.14	Fat, Crude, Ankom (%)	0520	2.500	0.1000	2.535	0.3524	0.1155	51	-0.10	1%	0
003.14	Fat, Crude, Ankom (%)	0968	2.505	0.0090	2.535	0.3524	0.1155	51	-0.09	1%	0
003.14	Fat, Crude, Ankom (%)	0089	2.510	0.0400	2.535	0.3524	0.1155	51	-0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0682	2.510	0.0000	2.535	0.3524	0.1155	51	-0.07	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0955	2.510	0.1400	2.535	0.3524	0.1155	51	-0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0202	2.532	0.0240	2.535	0.3524	0.1155	51	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0066	2.625	0.0900	2.535	0.3524	0.1155	51	0.25	2%	0
003.14	Fat, Crude, Ankom (%)	0683	2.625	0.1100	2.535	0.3524	0.1155	51	0.25	2%	0
003.14	Fat, Crude, Ankom (%)	0948	2.640	0.0600	2.535	0.3524	0.1155	51	0.30	2%	0
003.14	Fat, Crude, Ankom (%)	0876	2.712	0.1657	2.535	0.3524	0.1155	51	0.50	3%	0
003.14	Fat, Crude, Ankom (%)	0074	2.735	0.5300	2.535	0.3524	0.1155	51	0.57	4%	0
003.14	Fat, Crude, Ankom (%)	0015	2.760	0.2400	2.535	0.3524	0.1155	51	0.64	4%	0
003.14	Fat, Crude, Ankom (%)	0853	2.850	0.5000	2.535	0.3524	0.1155	51	0.89	6%	0
003.14	Fat, Crude, Ankom (%)	0004	2.880	0.3400	2.535	0.3524	0.1155	51	0.98	7%	0
003.14	Fat, Crude, Ankom (%)	0278	2.900	0.0000	2.535	0.3524	0.1155	51	1.04	7%	0
003.14	Fat, Crude, Ankom (%)	0619	2.990	0.0000	2.535	0.3524	0.1155	51	1.29	9%	0
003.14	Fat, Crude, Ankom (%)	0001	3.006	0.0130	2.535	0.3524	0.1155	51	1.33	9%	0
003.14	Fat, Crude, Ankom (%)	0148	3.030	0.0200	2.535	0.3524	0.1155	51	1.40	10%	0
003.14	Fat, Crude, Ankom (%)	0009	3.035	0.1300	2.535	0.3524	0.1155	51	1.42	10%	0
003.14	Fat, Crude, Ankom (%)	0413	3.150	0.1000	2.535	0.3524	0.1155	51	1.74	12%	0
003.14	Fat, Crude, Ankom (%)	0003	3.215	0.3700	2.535	0.3524	0.1155	51	1.93	13%	0
003.14	Fat, Crude, Ankom (%)	0726	3.465	0.0100	2.535	0.3524	0.1155	51	2.64	18%	0
003.14	Fat, Crude, Ankom (%)	0843	3.475	0.0700	2.535	0.3524	0.1155	51	2.67	19%	0
003.14	Fat, Crude, Ankom (%)	0190	3.485	0.1300	2.535	0.3524	0.1155	51	2.70	19%	0
003.99	Fat, Crude, Miscellaneous (%)	0536	2.635	0.0300	3.124	0.3325	0.0425	4			0
003.99	Fat, Crude, Miscellaneous (%)	0016	3.200	0.0200	3.124	0.3325	0.0425	4			0
003.99	Fat, Crude, Miscellaneous (%)	0941	3.300	0.1000	3.124	0.3325	0.0425	4			0
003.99	Fat, Crude, Miscellaneous (%)	0546	3.360	0.0200	3.124	0.3325	0.0425	4			0
003.99	Fat, Crude, Miscellaneous (%)	0880	2.650	0.5000	3.124	0.3325	0.0425	4			1
004.00	Fiber, Crude, Asbestos Free (%)	2076	8.594	0.5395	9.602	0.5024	0.1997	17	-2.01	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	8.760	0.0200	9.602	0.5024	0.1997	17	-1.68	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	9.090	0.3200	9.602	0.5024	0.1997	17	-1.02	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	9.295	0.0100	9.602	0.5024	0.1997	17	-0.61	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	9.430	0.3400	9.602	0.5024	0.1997	17	-0.34	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	9.450	0.5000	9.602	0.5024	0.1997	17	-0.30	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	9.465	0.0300	9.602	0.5024	0.1997	17	-0.27	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0695	9.525	0.3100	9.602	0.5024	0.1997	17	-0.15	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	9.540	0.0400	9.602	0.5024	0.1997	17	-0.12	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	9.650	0.1000	9.602	0.5024	0.1997	17	0.09	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	9.720	0.2357	9.602	0.5024	0.1997	17	0.23	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	9.800	0.2000	9.602	0.5024	0.1997	17	0.39	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	9.865	0.0100	9.602	0.5024	0.1997	17	0.52	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	10.00	0.2000	9.602	0.5024	0.1997	17	0.79	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	10.00	0.2000	9.602	0.5024	0.1997	17	0.79	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	10.77	0.0800	9.602	0.5024	0.1997	17	2.32	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	12.66	0.2600	9.602	0.5024	0.1997	17	6.09	16%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.03	Fiber, Crude, Fritted Glass (%)	2089	7.775	0.0100	10.10	1.866	0.5597	6	-1.24	11%	0
004.03	Fiber, Crude, Fritted Glass (%)	0353	9.265	0.1100	10.10	1.866	0.5597	6	-0.45	4%	0
004.03	Fiber, Crude, Fritted Glass (%)	2192	9.725	0.6500	10.10	1.866	0.5597	6	-0.20	2%	0
004.03	Fiber, Crude, Fritted Glass (%)	2190	9.980	1.460	10.10	1.866	0.5597	6	-0.06	1%	0
004.03	Fiber, Crude, Fritted Glass (%)	0693	11.33	0.1280	10.10	1.866	0.5597	6	0.66	6%	0
004.03	Fiber, Crude, Fritted Glass (%)	0045	12.50	1.000	10.10	1.866	0.5597	6	1.29	12%	0
004.06	Fiber, Crude, Fibertec (%)	0590	8.455	0.1100	9.462	0.4418	0.1739	26	-2.28	5%	0
004.06	Fiber, Crude, Fibertec (%)	0199	8.700	0.0600	9.462	0.4418	0.1739	26	-1.73	4%	0
004.06	Fiber, Crude, Fibertec (%)	0098	8.925	0.2300	9.462	0.4418	0.1739	26	-1.22	3%	0
004.06	Fiber, Crude, Fibertec (%)	0885	9.089	0.0392	9.462	0.4418	0.1739	26	-0.84	2%	0
004.06	Fiber, Crude, Fibertec (%)	0897	9.090	0.0200	9.462	0.4418	0.1739	26	-0.84	2%	0
004.06	Fiber, Crude, Fibertec (%)	2006	9.090	0.1000	9.462	0.4418	0.1739	26	-0.84	2%	0
004.06	Fiber, Crude, Fibertec (%)	2022	9.100	0.1600	9.462	0.4418	0.1739	26	-0.82	2%	0
004.06	Fiber, Crude, Fibertec (%)	0868	9.225	0.0700	9.462	0.4418	0.1739	26	-0.54	1%	0
004.06	Fiber, Crude, Fibertec (%)	0689	9.250	0.3000	9.462	0.4418	0.1739	26	-0.48	1%	0
004.06	Fiber, Crude, Fibertec (%)	0720	9.285	0.1100	9.462	0.4418	0.1739	26	-0.40	1%	0
004.06	Fiber, Crude, Fibertec (%)	0675	9.450	0.2200	9.462	0.4418	0.1739	26	-0.03	0%	0
004.06	Fiber, Crude, Fibertec (%)	0968	9.460	0.2660	9.462	0.4418	0.1739	26	-0.01	0%	0
004.06	Fiber, Crude, Fibertec (%)	0878	9.470	0.1400	9.462	0.4418	0.1739	26	0.02	0%	0
004.06	Fiber, Crude, Fibertec (%)	0952	9.500	0.0000	9.462	0.4418	0.1739	26	0.09	0%	0
004.06	Fiber, Crude, Fibertec (%)	2200	9.500	0.6000	9.462	0.4418	0.1739	26	0.09	0%	0
004.06	Fiber, Crude, Fibertec (%)	0205	9.515	0.0700	9.462	0.4418	0.1739	26	0.12	0%	0
004.06	Fiber, Crude, Fibertec (%)	0918	9.580	0.1600	9.462	0.4418	0.1739	26	0.27	1%	0
004.06	Fiber, Crude, Fibertec (%)	0948	9.585	0.4300	9.462	0.4418	0.1739	26	0.28	1%	0
004.06	Fiber, Crude, Fibertec (%)	0027	9.642	0.1260	9.462	0.4418	0.1739	26	0.41	1%	0
004.06	Fiber, Crude, Fibertec (%)	2198	9.655	0.0300	9.462	0.4418	0.1739	26	0.44	1%	0
004.06	Fiber, Crude, Fibertec (%)	0676	9.765	0.2900	9.462	0.4418	0.1739	26	0.69	2%	0
004.06	Fiber, Crude, Fibertec (%)	0881	9.924	0.5270	9.462	0.4418	0.1739	26	1.04	2%	0
004.06	Fiber, Crude, Fibertec (%)	2199	10.00	0.2000	9.462	0.4418	0.1739	26	1.22	3%	0
004.06	Fiber, Crude, Fibertec (%)	2062	10.07	0.0826	9.462	0.4418	0.1739	26	1.38	3%	0
004.06	Fiber, Crude, Fibertec (%)	0941	10.33	0.1500	9.462	0.4418	0.1739	26	1.95	5%	0
004.06	Fiber, Crude, Fibertec (%)	0893	10.99	0.0300	9.462	0.4418	0.1739	26	3.45	8%	0
004.07	Fiber, Crude, ANKOM (%)	0028	7.900	0.4000	9.913	0.9827	0.3603	63	-2.05	10%	0
004.07	Fiber, Crude, ANKOM (%)	0682	8.000	0.0000	9.913	0.9827	0.3603	63	-1.95	10%	0
004.07	Fiber, Crude, ANKOM (%)	0505	8.330	0.1400	9.913	0.9827	0.3603	63	-1.61	8%	0
004.07	Fiber, Crude, ANKOM (%)	0692	8.500	0.0000	9.913	0.9827	0.3603	63	-1.44	7%	0
004.07	Fiber, Crude, ANKOM (%)	0644	8.542	0.0460	9.913	0.9827	0.3603	63	-1.40	7%	0
004.07	Fiber, Crude, ANKOM (%)	0939	8.600	0.5400	9.913	0.9827	0.3603	63	-1.34	7%	0
004.07	Fiber, Crude, ANKOM (%)	0004	8.675	0.3700	9.913	0.9827	0.3603	63	-1.26	6%	0
004.07	Fiber, Crude, ANKOM (%)	0675	8.715	0.4700	9.913	0.9827	0.3603	63	-1.22	6%	0
004.07	Fiber, Crude, ANKOM (%)	0098	8.765	0.3100	9.913	0.9827	0.3603	63	-1.17	6%	0
004.07	Fiber, Crude, ANKOM (%)	2188	8.875	0.0900	9.913	0.9827	0.3603	63	-1.06	5%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	2012	9.105	0.3900	9.913	0.9827	0.3603	63	-0.82	4%	0
004.07	Fiber, Crude, ANKOM (%)	0100	9.130	0.1000	9.913	0.9827	0.3603	63	-0.80	4%	0
004.07	Fiber, Crude, ANKOM (%)	0190	9.200	0.8000	9.913	0.9827	0.3603	63	-0.73	4%	0
004.07	Fiber, Crude, ANKOM (%)	0294	9.200	0.2000	9.913	0.9827	0.3603	63	-0.73	4%	0
004.07	Fiber, Crude, ANKOM (%)	0510	9.200	0.2000	9.913	0.9827	0.3603	63	-0.73	4%	0
004.07	Fiber, Crude, ANKOM (%)	0042	9.240	0.2000	9.913	0.9827	0.3603	63	-0.69	3%	0
004.07	Fiber, Crude, ANKOM (%)	0536	9.280	0.0600	9.913	0.9827	0.3603	63	-0.64	3%	0
004.07	Fiber, Crude, ANKOM (%)	0265	9.305	0.1900	9.913	0.9827	0.3603	63	-0.62	3%	0
004.07	Fiber, Crude, ANKOM (%)	0948	9.445	0.4500	9.913	0.9827	0.3603	63	-0.48	2%	0
004.07	Fiber, Crude, ANKOM (%)	0009	9.490	0.0000	9.913	0.9827	0.3603	63	-0.43	2%	0
004.07	Fiber, Crude, ANKOM (%)	0619	9.530	0.6800	9.913	0.9827	0.3603	63	-0.39	2%	0
004.07	Fiber, Crude, ANKOM (%)	0003	9.560	0.2600	9.913	0.9827	0.3603	63	-0.36	2%	0
004.07	Fiber, Crude, ANKOM (%)	2193	9.575	0.0900	9.913	0.9827	0.3603	63	-0.34	2%	0
004.07	Fiber, Crude, ANKOM (%)	0956	9.600	0.4000	9.913	0.9827	0.3603	63	-0.32	2%	0
004.07	Fiber, Crude, ANKOM (%)	0968	9.641	0.0320	9.913	0.9827	0.3603	63	-0.28	1%	0
004.07	Fiber, Crude, ANKOM (%)	2053	9.710	0.0800	9.913	0.9827	0.3603	63	-0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	0074	9.720	0.2800	9.913	0.9827	0.3603	63	-0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	0849	9.734	0.3920	9.913	0.9827	0.3603	63	-0.18	1%	0
004.07	Fiber, Crude, ANKOM (%)	0581	9.750	0.5000	9.913	0.9827	0.3603	63	-0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0300	9.770	0.5200	9.913	0.9827	0.3603	63	-0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0870	9.835	0.5952	9.913	0.9827	0.3603	63	-0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0910	9.900	0.0000	9.913	0.9827	0.3603	63	-0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0683	9.935	0.0900	9.913	0.9827	0.3603	63	0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0019	9.945	0.0900	9.913	0.9827	0.3603	63	0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	2196	9.950	0.0000	9.913	0.9827	0.3603	63	0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	2190	10.08	0.9500	9.913	0.9827	0.3603	63	0.16	1%	0
004.07	Fiber, Crude, ANKOM (%)	0354	10.11	0.1700	9.913	0.9827	0.3603	63	0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	0202	10.14	0.4740	9.913	0.9827	0.3603	63	0.23	1%	0
004.07	Fiber, Crude, ANKOM (%)	0278	10.15	0.7000	9.913	0.9827	0.3603	63	0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	0263	10.16	0.0564	9.913	0.9827	0.3603	63	0.25	1%	0
004.07	Fiber, Crude, ANKOM (%)	2181	10.17	0.1300	9.913	0.9827	0.3603	63	0.26	1%	0
004.07	Fiber, Crude, ANKOM (%)	0083	10.17	0.7600	9.913	0.9827	0.3603	63	0.26	1%	0
004.07	Fiber, Crude, ANKOM (%)	0089	10.31	0.1400	9.913	0.9827	0.3603	63	0.40	2%	0
004.07	Fiber, Crude, ANKOM (%)	0643	10.32	0.4600	9.913	0.9827	0.3603	63	0.41	2%	0
004.07	Fiber, Crude, ANKOM (%)	2009	10.36	0.1076	9.913	0.9827	0.3603	63	0.45	2%	0
004.07	Fiber, Crude, ANKOM (%)	0955	10.60	0.2000	9.913	0.9827	0.3603	63	0.70	3%	0
004.07	Fiber, Crude, ANKOM (%)	0520	10.60	1.600	9.913	0.9827	0.3603	63	0.70	3%	0
004.07	Fiber, Crude, ANKOM (%)	0229	10.62	0.2100	9.913	0.9827	0.3603	63	0.71	4%	0
004.07	Fiber, Crude, ANKOM (%)	0876	10.64	0.1390	9.913	0.9827	0.3603	63	0.74	4%	0
004.07	Fiber, Crude, ANKOM (%)	0726	10.67	0.0300	9.913	0.9827	0.3603	63	0.76	4%	0
004.07	Fiber, Crude, ANKOM (%)	0861	10.68	0.5900	9.913	0.9827	0.3603	63	0.78	4%	0
004.07	Fiber, Crude, ANKOM (%)	0653	10.69	0.2600	9.913	0.9827	0.3603	63	0.79	4%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0242	10.74	0.5700	9.913	0.9827	0.3603	63	0.84	4%	0
004.07	Fiber, Crude, ANKOM (%)	0407	10.75	0.3701	9.913	0.9827	0.3603	63	0.85	4%	0
004.07	Fiber, Crude, ANKOM (%)	2195	10.99	0.0000	9.913	0.9827	0.3603	63	1.10	5%	0
004.07	Fiber, Crude, ANKOM (%)	0066	11.18	0.4600	9.913	0.9827	0.3603	63	1.29	6%	0
004.07	Fiber, Crude, ANKOM (%)	0034	11.54	0.3400	9.913	0.9827	0.3603	63	1.66	8%	0
004.07	Fiber, Crude, ANKOM (%)	0015	12.14	1.010	9.913	0.9827	0.3603	63	2.26	11%	0
004.07	Fiber, Crude, ANKOM (%)	0598	12.21	1.370	9.913	0.9827	0.3603	63	2.33	12%	0
004.07	Fiber, Crude, ANKOM (%)	0626	12.21	0.3900	9.913	0.9827	0.3603	63	2.33	12%	0
004.07	Fiber, Crude, ANKOM (%)	0039	12.51	0.9890	9.913	0.9827	0.3603	63	2.64	13%	0
004.07	Fiber, Crude, ANKOM (%)	0144	13.12	0.0600	9.913	0.9827	0.3603	63	3.26	16%	0
004.07	Fiber, Crude, ANKOM (%)	0016	13.50	1.200	9.913	0.9827	0.3603	63	3.65	18%	0
004.07	Fiber, Crude, ANKOM (%)	0553	12.55	2.160	9.913	0.9827	0.3603	63	2.68	13%	1
004.11	Fiber, Crude, NIR (%)	0910	9.565	0.0100				3			0
004.11	Fiber, Crude, NIR (%)	0720	10.25	0.1000				3			0
004.11	Fiber, Crude, NIR (%)	0405	10.88	0.0000				3			0
004.11	Fiber, Crude, NIR (%)	0852	15.68	0.5500				3			1
004.99	Fiber, Crude, Miscellaneous (%)	2145	8.330	0.1000	9.162	0.7928	0.1840	5			0
004.99	Fiber, Crude, Miscellaneous (%)	2126	8.750	0.1400	9.162	0.7928	0.1840	5			0
004.99	Fiber, Crude, Miscellaneous (%)	0610	8.800	0.2000	9.162	0.7928	0.1840	5			0
004.99	Fiber, Crude, Miscellaneous (%)	0629	9.625	0.2500	9.162	0.7928	0.1840	5			0
004.99	Fiber, Crude, Miscellaneous (%)	2215	10.31	0.2300	9.162	0.7928	0.1840	5			0
005.00	Ash, 2h @ 600°C (%)	0297	20.90	0.0200	22.42	0.2907	0.1505	94	-5.23	3%	0
005.00	Ash, 2h @ 600°C (%)	0425	21.63	0.0200	22.42	0.2907	0.1505	94	-2.72	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	21.73	0.1200	22.42	0.2907	0.1505	94	-2.37	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	21.87	0.2300	22.42	0.2907	0.1505	94	-1.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	21.87	0.2600	22.42	0.2907	0.1505	94	-1.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	21.92	0.0100	22.42	0.2907	0.1505	94	-1.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0874	21.95	0.4900	22.42	0.2907	0.1505	94	-1.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	21.95	0.1000	22.42	0.2907	0.1505	94	-1.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	21.96	0.0490	22.42	0.2907	0.1505	94	-1.58	1%	0
005.00	Ash, 2h @ 600°C (%)	2097	21.97	0.0020	22.42	0.2907	0.1505	94	-1.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	22.00	0.2000	22.42	0.2907	0.1505	94	-1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	22.08	0.5600	22.42	0.2907	0.1505	94	-1.17	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	22.11	0.2000	22.42	0.2907	0.1505	94	-1.07	1%	0
005.00	Ash, 2h @ 600°C (%)	0205	22.12	0.2000	22.42	0.2907	0.1505	94	-1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	22.13	0.0400	22.42	0.2907	0.1505	94	-1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	22.14	0.0800	22.42	0.2907	0.1505	94	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	22.15	0.2300	22.42	0.2907	0.1505	94	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	22.20	0.1000	22.42	0.2907	0.1505	94	-0.76	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	22.20	0.0600	22.42	0.2907	0.1505	94	-0.76	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	22.20	0.0200	22.42	0.2907	0.1505	94	-0.76	0%	0
005.00	Ash, 2h @ 600°C (%)	2181	22.21	0.3700	22.42	0.2907	0.1505	94	-0.74	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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005.00	Ash, 2h @ 600°C (%)	0656	22.24	0.0600	22.42	0.2907	0.1505	94	-0.62	0%	0
005.00	Ash, 2h @ 600°C (%)	0278	22.25	0.0000	22.42	0.2907	0.1505	94	-0.59	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	22.25	0.0400	22.42	0.2907	0.1505	94	-0.59	0%	0
005.00	Ash, 2h @ 600°C (%)	0049	22.26	0.0600	22.42	0.2907	0.1505	94	-0.55	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	22.28	0.1900	22.42	0.2907	0.1505	94	-0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	22.30	0.4000	22.42	0.2907	0.1505	94	-0.41	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	22.31	0.1700	22.42	0.2907	0.1505	94	-0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	22.31	0.2372	22.42	0.2907	0.1505	94	-0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	2076	22.31	0.3823	22.42	0.2907	0.1505	94	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	22.32	0.1800	22.42	0.2907	0.1505	94	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	22.33	0.0100	22.42	0.2907	0.1505	94	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	22.33	0.4600	22.42	0.2907	0.1505	94	-0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	22.33	0.0800	22.42	0.2907	0.1505	94	-0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	2073	22.33	0.0400	22.42	0.2907	0.1505	94	-0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	22.34	0.1900	22.42	0.2907	0.1505	94	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	22.34	0.0220	22.42	0.2907	0.1505	94	-0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	22.35	0.0460	22.42	0.2907	0.1505	94	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	22.35	0.1000	22.42	0.2907	0.1505	94	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	2199	22.35	0.1000	22.42	0.2907	0.1505	94	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0630	22.36	0.3900	22.42	0.2907	0.1505	94	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	22.36	0.0000	22.42	0.2907	0.1505	94	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	22.39	0.2000	22.42	0.2907	0.1505	94	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	22.39	0.1000	22.42	0.2907	0.1505	94	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0175	22.40	0.0000	22.42	0.2907	0.1505	94	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	22.42	0.0700	22.42	0.2907	0.1505	94	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	22.42	0.2100	22.42	0.2907	0.1505	94	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	22.43	0.0700	22.42	0.2907	0.1505	94	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0015	22.43	0.0400	22.42	0.2907	0.1505	94	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	22.44	0.0700	22.42	0.2907	0.1505	94	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	22.44	0.1300	22.42	0.2907	0.1505	94	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	22.45	0.0100	22.42	0.2907	0.1505	94	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	22.45	0.1000	22.42	0.2907	0.1505	94	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	2200	22.45	0.1000	22.42	0.2907	0.1505	94	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	22.45	0.0843	22.42	0.2907	0.1505	94	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	22.46	0.0000	22.42	0.2907	0.1505	94	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	22.47	0.0410	22.42	0.2907	0.1505	94	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	22.48	0.1800	22.42	0.2907	0.1505	94	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	22.50	0.0000	22.42	0.2907	0.1505	94	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0242	22.52	0.1900	22.42	0.2907	0.1505	94	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	22.52	0.0100	22.42	0.2907	0.1505	94	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0880	22.52	0.3700	22.42	0.2907	0.1505	94	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0861	22.53	0.1000	22.42	0.2907	0.1505	94	0.38	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0083	22.55	0.2400	22.42	0.2907	0.1505	94	0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	22.56	0.2100	22.42	0.2907	0.1505	94	0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	22.56	0.2600	22.42	0.2907	0.1505	94	0.48	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	22.59	0.1700	22.42	0.2907	0.1505	94	0.57	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	22.59	0.0900	22.42	0.2907	0.1505	94	0.57	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	22.59	0.2094	22.42	0.2907	0.1505	94	0.58	0%	0
005.00	Ash, 2h @ 600°C (%)	0199	22.62	0.0800	22.42	0.2907	0.1505	94	0.69	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	22.62	0.0200	22.42	0.2907	0.1505	94	0.69	0%	0
005.00	Ash, 2h @ 600°C (%)	0511	22.63	0.3900	22.42	0.2907	0.1505	94	0.70	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	22.64	0.1144	22.42	0.2907	0.1505	94	0.75	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	22.64	0.0050	22.42	0.2907	0.1505	94	0.75	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	22.65	0.3000	22.42	0.2907	0.1505	94	0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	22.66	0.0600	22.42	0.2907	0.1505	94	0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	22.67	0.1500	22.42	0.2907	0.1505	94	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0119	22.70	0.6000	22.42	0.2907	0.1505	94	0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	22.70	0.2000	22.42	0.2907	0.1505	94	0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	22.73	0.0400	22.42	0.2907	0.1505	94	1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	0016	22.75	0.1000	22.42	0.2907	0.1505	94	1.13	1%	0
005.00	Ash, 2h @ 600°C (%)	0017	22.75	0.1000	22.42	0.2907	0.1505	94	1.13	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	22.76	0.0200	22.42	0.2907	0.1505	94	1.17	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	22.77	0.1500	22.42	0.2907	0.1505	94	1.19	1%	0
005.00	Ash, 2h @ 600°C (%)	2195	22.78	0.0100	22.42	0.2907	0.1505	94	1.22	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	22.80	0.2100	22.42	0.2907	0.1505	94	1.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0034	22.80	0.4890	22.42	0.2907	0.1505	94	1.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	22.86	0.0200	22.42	0.2907	0.1505	94	1.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	22.91	0.2900	22.42	0.2907	0.1505	94	1.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	23.05	0.0500	22.42	0.2907	0.1505	94	2.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	23.05	0.4900	22.42	0.2907	0.1505	94	2.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	23.10	0.0800	22.42	0.2907	0.1505	94	2.34	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	23.43	0.1900	22.42	0.2907	0.1505	94	3.46	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	23.51	0.2200	22.42	0.2907	0.1505	94	3.75	2%	0
005.00	Ash, 2h @ 600°C (%)	0848	6.610	0.0000	22.42	0.2907	0.1505	94	-54.39	35%	2
005.00	Ash, 2h @ 600°C (%)	0853	9.700	2.400	22.42	0.2907	0.1505	94	-43.76	28%	2
005.02	Ash, LECO (%)	0644	23.16	0.1100				1			0
005.03	Ash, Microwave furnace (%)	0912	21.95	0.1000				1			0
005.05	Ash, 3h @ 550°C (%)	0726	22.02	0.0000	22.77	0.3003	0.1077	34	-2.50	2%	0
005.05	Ash, 3h @ 550°C (%)	0720	22.14	0.0600	22.77	0.3003	0.1077	34	-2.10	1%	0
005.05	Ash, 3h @ 550°C (%)	0003	22.35	0.1000	22.77	0.3003	0.1077	34	-1.40	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	22.41	0.2000	22.77	0.3003	0.1077	34	-1.20	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	22.52	0.0900	22.77	0.3003	0.1077	34	-0.85	1%	0
005.05	Ash, 3h @ 550°C (%)	0893	22.53	0.0200	22.77	0.3003	0.1077	34	-0.80	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	22.54	0.0100	22.77	0.3003	0.1077	34	-0.78	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.05	Ash, 3h @ 550°C (%)	0689	22.57	0.0200	22.77	0.3003	0.1077	34	-0.67	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	22.57	0.0072	22.77	0.3003	0.1077	34	-0.67	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	22.58	0.0600	22.77	0.3003	0.1077	34	-0.64	0%	0
005.05	Ash, 3h @ 550°C (%)	0695	22.62	0.1190	22.77	0.3003	0.1077	34	-0.51	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	22.65	0.1000	22.77	0.3003	0.1077	34	-0.40	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	22.66	0.0700	22.77	0.3003	0.1077	34	-0.39	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	22.70	0.0418	22.77	0.3003	0.1077	34	-0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	22.74	0.2700	22.77	0.3003	0.1077	34	-0.12	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	22.74	0.1900	22.77	0.3003	0.1077	34	-0.12	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	22.74	0.1700	22.77	0.3003	0.1077	34	-0.12	0%	0
005.05	Ash, 3h @ 550°C (%)	2190	22.74	0.2600	22.77	0.3003	0.1077	34	-0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	22.75	0.1000	22.77	0.3003	0.1077	34	-0.07	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	22.77	0.0330	22.77	0.3003	0.1077	34	-0.01	0%	0
005.05	Ash, 3h @ 550°C (%)	2144	22.80	0.0900	22.77	0.3003	0.1077	34	0.08	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	22.85	0.0399	22.77	0.3003	0.1077	34	0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	22.85	0.1000	22.77	0.3003	0.1077	34	0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0152	22.93	0.2500	22.77	0.3003	0.1077	34	0.51	0%	0
005.05	Ash, 3h @ 550°C (%)	2145	22.93	0.0300	22.77	0.3003	0.1077	34	0.51	0%	0
005.05	Ash, 3h @ 550°C (%)	2012	22.97	0.2700	22.77	0.3003	0.1077	34	0.65	0%	0
005.05	Ash, 3h @ 550°C (%)	2126	22.98	0.0100	22.77	0.3003	0.1077	34	0.68	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	23.06	0.1400	22.77	0.3003	0.1077	34	0.96	1%	0
005.05	Ash, 3h @ 550°C (%)	2198	23.11	0.0100	22.77	0.3003	0.1077	34	1.11	1%	0
005.05	Ash, 3h @ 550°C (%)	2062	23.15	0.1000	22.77	0.3003	0.1077	34	1.26	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	23.17	0.2700	22.77	0.3003	0.1077	34	1.31	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	23.31	0.0100	22.77	0.3003	0.1077	34	1.78	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	23.83	0.0400	22.77	0.3003	0.1077	34	3.53	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	24.29	0.3800	22.77	0.3003	0.1077	34	5.06	3%	0
005.05	Ash, 3h @ 550°C (%)	0692	22.40	1.200	22.77	0.3003	0.1077	34	-1.23	1%	1
005.11	Ash, NIR (%)	0852	7.395	0.1300	16.92	7.276	0.1620	5			0
005.11	Ash, NIR (%)	0720	14.87	0.0600	16.92	7.276	0.1620	5			0
005.11	Ash, NIR (%)	0910	16.19	0.2000	16.92	7.276	0.1620	5			0
005.11	Ash, NIR (%)	0297	18.59	0.0900	16.92	7.276	0.1620	5			0
005.11	Ash, NIR (%)	0889	27.58	0.3300	16.92	7.276	0.1620	5			0
005.99	Ash, Miscellaneous (%)	2081	20.27	0.2900	22.61	0.6712	0.2006	11	-3.49	5%	0
005.99	Ash, Miscellaneous (%)	0546	21.90	0.3600	22.61	0.6712	0.2006	11	-1.06	2%	0
005.99	Ash, Miscellaneous (%)	0574	22.15	0.0400	22.61	0.6712	0.2006	11	-0.69	1%	0
005.99	Ash, Miscellaneous (%)	0536	22.24	0.1500	22.61	0.6712	0.2006	11	-0.56	1%	0
005.99	Ash, Miscellaneous (%)	0884	22.60	0.4000	22.61	0.6712	0.2006	11	-0.01	0%	0
005.99	Ash, Miscellaneous (%)	0629	22.67	0.3000	22.61	0.6712	0.2006	11	0.09	0%	0
005.99	Ash, Miscellaneous (%)	0676	22.77	0.1200	22.61	0.6712	0.2006	11	0.24	0%	0
005.99	Ash, Miscellaneous (%)	0202	22.92	0.0070	22.61	0.6712	0.2006	11	0.46	1%	0
005.99	Ash, Miscellaneous (%)	0652	23.00	0.0000	22.61	0.6712	0.2006	11	0.58	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			
005.99	Ash, Miscellaneous (%)	2215	23.36	0.1400	22.61	0.6712	0.2006	11	1.12	2%	0
005.99	Ash, Miscellaneous (%)	0910	23.50	0.4000	22.61	0.6712	0.2006	11	1.33	2%	0
006.00	Total Sugars, As sucrose (%)	0910	2.395	0.1900				2			0
006.00	Total Sugars, As sucrose (%)	0407	2.750	0.0800				2			0
006.99	Total Sugars, Miscellaneous (%)	0148	1.040	0.1200				3			0
006.99	Total Sugars, Miscellaneous (%)	0956	3.450	0.1000				3			0
006.99	Total Sugars, Miscellaneous (%)	0720	7.225	0.0700				3			0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	10.44	0.7000	12.94	1.114	0.2177	14	-2.25	10%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0590	11.03	0.0200	12.94	1.114	0.2177	14	-1.72	7%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	12.14	0.2750	12.94	1.114	0.2177	14	-0.72	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0885	12.42	0.0318	12.94	1.114	0.2177	14	-0.47	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	12.56	0.1100	12.94	1.114	0.2177	14	-0.35	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	12.74	0.1700	12.94	1.114	0.2177	14	-0.19	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0675	13.04	0.3100	12.94	1.114	0.2177	14	0.08	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	13.11	0.4000	12.94	1.114	0.2177	14	0.15	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	13.24	0.1806	12.94	1.114	0.2177	14	0.26	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	13.43	0.1500	12.94	1.114	0.2177	14	0.43	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	13.49	0.0100	12.94	1.114	0.2177	14	0.49	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	13.53	0.4200	12.94	1.114	0.2177	14	0.53	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	14.38	0.2600	12.94	1.114	0.2177	14	1.29	6%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0187	14.65	0.0100	12.94	1.114	0.2177	14	1.53	7%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	15.05	0.1000				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	11.07	0.0600	13.44	1.327	0.2835	45	-1.78	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	11.12	0.3600	13.44	1.327	0.2835	45	-1.75	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	11.20	0.2000	13.44	1.327	0.2835	45	-1.69	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	11.75	0.5000	13.44	1.327	0.2835	45	-1.27	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	11.91	0.1000	13.44	1.327	0.2835	45	-1.15	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	11.93	0.2000	13.44	1.327	0.2835	45	-1.14	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	12.05	0.0800	13.44	1.327	0.2835	45	-1.05	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	12.32	0.6400	13.44	1.327	0.2835	45	-0.84	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	12.41	0.1920	13.44	1.327	0.2835	45	-0.78	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	12.48	0.8640	13.44	1.327	0.2835	45	-0.72	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	12.54	0.4600	13.44	1.327	0.2835	45	-0.68	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	12.60	0.0000	13.44	1.327	0.2835	45	-0.63	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	12.66	0.3200	13.44	1.327	0.2835	45	-0.59	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2012	12.71	0.0000	13.44	1.327	0.2835	45	-0.55	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	12.73	0.2200	13.44	1.327	0.2835	45	-0.53	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	12.92	0.0900	13.44	1.327	0.2835	45	-0.39	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	12.95	0.1000	13.44	1.327	0.2835	45	-0.37	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	12.99	0.3000	13.44	1.327	0.2835	45	-0.34	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	13.12	0.6400	13.44	1.327	0.2835	45	-0.24	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	13.23	0.2600	13.44	1.327	0.2835	45	-0.16	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			
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	13.29	0.0000	13.44	1.327	0.2835	45	-0.11	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	13.30	0.0000	13.44	1.327	0.2835	45	-0.10	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2146	13.32	1.000	13.44	1.327	0.2835	45	-0.09	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	13.41	0.3700	13.44	1.327	0.2835	45	-0.02	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	13.43	0.3300	13.44	1.327	0.2835	45	-0.01	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	13.50	0.4000	13.44	1.327	0.2835	45	0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	13.52	0.9040	13.44	1.327	0.2835	45	0.06	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	13.72	0.3285	13.44	1.327	0.2835	45	0.21	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	13.77	0.1400	13.44	1.327	0.2835	45	0.25	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	13.78	0.0066	13.44	1.327	0.2835	45	0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	13.91	0.1300	13.44	1.327	0.2835	45	0.35	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2195	14.18	0.0000	13.44	1.327	0.2835	45	0.56	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	14.35	0.0000	13.44	1.327	0.2835	45	0.69	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	14.45	0.5000	13.44	1.327	0.2835	45	0.76	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	14.53	0.1900	13.44	1.327	0.2835	45	0.82	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	14.65	0.1000	13.44	1.327	0.2835	45	0.91	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0032	14.67	0.1800	13.44	1.327	0.2835	45	0.93	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	14.68	0.0800	13.44	1.327	0.2835	45	0.94	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	14.78	0.0900	13.44	1.327	0.2835	45	1.01	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0015	14.87	0.6600	13.44	1.327	0.2835	45	1.08	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	15.27	0.9410	13.44	1.327	0.2835	45	1.38	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0861	16.39	0.3800	13.44	1.327	0.2835	45	2.22	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	16.72	0.1700	13.44	1.327	0.2835	45	2.47	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	17.03	0.2600	13.44	1.327	0.2835	45	2.71	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	17.17	0.0100	13.44	1.327	0.2835	45	2.81	14%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0016	12.55	1.900	13.44	1.327	0.2835	45	-0.67	3%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0889	9.690	0.7600				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0511	12.50	0.2000				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0720	16.35	0.0200				3			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	22.91	0.4500				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	22.25	0.3000	23.78	1.454	0.1664	13	-1.05	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	22.28	0.1400	23.78	1.454	0.1664	13	-1.03	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	22.47	0.0400	23.78	1.454	0.1664	13	-0.90	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	22.80	0.0500	23.78	1.454	0.1664	13	-0.67	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	23.10	0.0200	23.78	1.454	0.1664	13	-0.46	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	23.35	0.1000	23.78	1.454	0.1664	13	-0.29	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0187	23.52	0.0600	23.78	1.454	0.1664	13	-0.18	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0590	23.74	0.1800	23.78	1.454	0.1664	13	-0.02	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0885	24.02	0.1062	23.78	1.454	0.1664	13	0.17	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	24.49	0.0500	23.78	1.454	0.1664	13	0.49	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	25.35	0.5000	23.78	1.454	0.1664	13	1.08	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0675	25.78	0.3900	23.78	1.454	0.1664	13	1.37	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			
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	25.99	0.2268	23.78	1.454	0.1664	13	1.52	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	20.70	0.4000	23.97	2.115	0.6289	43	-1.55	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	20.85	0.7000	23.97	2.115	0.6289	43	-1.47	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	21.65	0.1700	23.97	2.115	0.6289	43	-1.10	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	21.96	0.2000	23.97	2.115	0.6289	43	-0.95	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	21.98	0.0474	23.97	2.115	0.6289	43	-0.94	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	22.05	0.0600	23.97	2.115	0.6289	43	-0.91	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	22.06	0.4600	23.97	2.115	0.6289	43	-0.90	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	22.34	0.0700	23.97	2.115	0.6289	43	-0.77	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	22.35	0.1000	23.97	2.115	0.6289	43	-0.77	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0861	22.43	0.2000	23.97	2.115	0.6289	43	-0.73	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	22.49	0.1500	23.97	2.115	0.6289	43	-0.70	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	22.50	0.4000	23.97	2.115	0.6289	43	-0.69	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	22.52	0.7200	23.97	2.115	0.6289	43	-0.69	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	22.60	0.6000	23.97	2.115	0.6289	43	-0.65	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	22.90	0.3100	23.97	2.115	0.6289	43	-0.50	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	22.98	0.9100	23.97	2.115	0.6289	43	-0.47	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	23.01	0.3000	23.97	2.115	0.6289	43	-0.45	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	23.15	0.3600	23.97	2.115	0.6289	43	-0.39	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	23.26	0.5222	23.97	2.115	0.6289	43	-0.33	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	23.32	0.1024	23.97	2.115	0.6289	43	-0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2022	23.39	0.0300	23.97	2.115	0.6289	43	-0.28	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	23.40	0.8700	23.97	2.115	0.6289	43	-0.27	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	23.65	0.0000	23.97	2.115	0.6289	43	-0.15	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	23.69	2.230	23.97	2.115	0.6289	43	-0.13	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2012	23.91	1.930	23.97	2.115	0.6289	43	-0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2190	24.30	2.770	23.97	2.115	0.6289	43	0.15	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	24.30	1.000	23.97	2.115	0.6289	43	0.16	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	24.32	0.5600	23.97	2.115	0.6289	43	0.17	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0015	24.82	1.490	23.97	2.115	0.6289	43	0.40	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	24.88	0.7000	23.97	2.115	0.6289	43	0.43	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2195	24.90	0.0000	23.97	2.115	0.6289	43	0.44	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	25.35	0.1000	23.97	2.115	0.6289	43	0.65	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	25.60	0.6000	23.97	2.115	0.6289	43	0.77	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	26.05	0.7800	23.97	2.115	0.6289	43	0.98	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	26.05	0.5000	23.97	2.115	0.6289	43	0.98	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	26.14	1.466	23.97	2.115	0.6289	43	1.03	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	26.41	1.820	23.97	2.115	0.6289	43	1.15	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0001	26.64	0.0700	23.97	2.115	0.6289	43	1.26	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	27.37	0.0000	23.97	2.115	0.6289	43	1.61	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	27.55	2.300	23.97	2.115	0.6289	43	1.69	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	29.52	0.8730	23.97	2.115	0.6289	43	2.62	12%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	31.50	0.1600	23.97	2.115	0.6289	43	3.56	16%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	31.66	0.0100	23.97	2.115	0.6289	43	3.64	16%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0032	26.98	6.560	23.97	2.115	0.6289	43	1.42	6%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0720	5.340	0.1800				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	18.48	0.5100				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	26.50	0.2600				3			0
010.03	Moisture, Karl-Fischer (%)	0843	6.800	0.0800				2			0
010.03	Moisture, Karl-Fischer (%)	0164	6.950	0.2200				2			0
010.11	Moisture, NIR (%)	0889	6.810	0.0600	8.060	1.193	0.1500	4			0
010.11	Moisture, NIR (%)	0852	7.540	0.3800	8.060	1.193	0.1500	4			0
010.11	Moisture, NIR (%)	0720	8.285	0.0700	8.060	1.193	0.1500	4			0
010.11	Moisture, NIR (%)	0910	9.605	0.0900	8.060	1.193	0.1500	4			0
010.99	Moisture, Miscellaneous (%)	0546	6.780	0.0400	7.814	0.4147	0.0918	17	-2.49	7%	0
010.99	Moisture, Miscellaneous (%)	0853	7.000	0.0000	7.814	0.4147	0.0918	17	-1.96	5%	0
010.99	Moisture, Miscellaneous (%)	2129	7.245	0.2300	7.814	0.4147	0.0918	17	-1.37	4%	0
010.99	Moisture, Miscellaneous (%)	2089	7.620	0.3400	7.814	0.4147	0.0918	17	-0.47	1%	0
010.99	Moisture, Miscellaneous (%)	0948	7.685	0.0100	7.814	0.4147	0.0918	17	-0.31	1%	0
010.99	Moisture, Miscellaneous (%)	0726	7.735	0.0100	7.814	0.4147	0.0918	17	-0.19	1%	0
010.99	Moisture, Miscellaneous (%)	2043	7.735	0.0100	7.814	0.4147	0.0918	17	-0.19	1%	0
010.99	Moisture, Miscellaneous (%)	0917	7.750	0.1000	7.814	0.4147	0.0918	17	-0.16	0%	0
010.99	Moisture, Miscellaneous (%)	2215	7.825	0.0100	7.814	0.4147	0.0918	17	0.03	0%	0
010.99	Moisture, Miscellaneous (%)	0939	7.845	0.0300	7.814	0.4147	0.0918	17	0.07	0%	0
010.99	Moisture, Miscellaneous (%)	2150	7.845	0.1300	7.814	0.4147	0.0918	17	0.07	0%	0
010.99	Moisture, Miscellaneous (%)	0028	8.055	0.0900	7.814	0.4147	0.0918	17	0.58	2%	0
010.99	Moisture, Miscellaneous (%)	0652	8.100	0.0000	7.814	0.4147	0.0918	17	0.69	2%	0
010.99	Moisture, Miscellaneous (%)	0884	8.150	0.3000	7.814	0.4147	0.0918	17	0.81	2%	0
010.99	Moisture, Miscellaneous (%)	2076	8.170	0.2200	7.814	0.4147	0.0918	17	0.86	2%	0
010.99	Moisture, Miscellaneous (%)	0190	8.265	0.0300	7.814	0.4147	0.0918	17	1.09	3%	0
010.99	Moisture, Miscellaneous (%)	0952	8.845	0.0100	7.814	0.4147	0.0918	17	2.48	7%	0
010.99	Moisture, Miscellaneous (%)	0692	8.100	0.6000	7.814	0.4147	0.0918	17	0.69	2%	1
010.99	Moisture, Miscellaneous (%)	0405	89.94	0.0000	7.814	0.4147	0.0918	17	198.03	525%	2
011.01	Loss on Drying, 135°C 2hr (%)	0618	6.220	0.0800	8.991	0.4954	0.1394	63	-5.59	15%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	8.125	0.4100	8.991	0.4954	0.1394	63	-1.75	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	8.150	0.3000	8.991	0.4954	0.1394	63	-1.70	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	8.250	0.0200	8.991	0.4954	0.1394	63	-1.50	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	8.255	0.0300	8.991	0.4954	0.1394	63	-1.49	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2200	8.300	0.2000	8.991	0.4954	0.1394	63	-1.40	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.325	0.2300	8.991	0.4954	0.1394	63	-1.35	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0853	8.350	0.3000	8.991	0.4954	0.1394	63	-1.29	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	8.422	0.1190	8.991	0.4954	0.1394	63	-1.15	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2199	8.450	0.1000	8.991	0.4954	0.1394	63	-1.09	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	8.455	0.0700	8.991	0.4954	0.1394	63	-1.08	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	2031	8.525	0.0691	8.991	0.4954	0.1394	63	-0.94	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.560	1.120	8.991	0.4954	0.1394	63	-0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	8.615	0.0900	8.991	0.4954	0.1394	63	-0.76	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	8.660	0.0400	8.991	0.4954	0.1394	63	-0.67	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	8.660	0.2600	8.991	0.4954	0.1394	63	-0.67	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2198	8.705	0.0300	8.991	0.4954	0.1394	63	-0.58	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.725	0.2100	8.991	0.4954	0.1394	63	-0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	8.730	0.0200	8.991	0.4954	0.1394	63	-0.53	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	8.743	0.0020	8.991	0.4954	0.1394	63	-0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	8.850	0.0200	8.991	0.4954	0.1394	63	-0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	8.850	0.1000	8.991	0.4954	0.1394	63	-0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	8.885	0.0100	8.991	0.4954	0.1394	63	-0.21	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	8.890	0.4200	8.991	0.4954	0.1394	63	-0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.910	0.0800	8.991	0.4954	0.1394	63	-0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2193	8.935	0.1100	8.991	0.4954	0.1394	63	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	8.954	0.1510	8.991	0.4954	0.1394	63	-0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	8.975	0.0900	8.991	0.4954	0.1394	63	-0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	8.980	0.1000	8.991	0.4954	0.1394	63	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.000	0.0000	8.991	0.4954	0.1394	63	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.005	0.0900	8.991	0.4954	0.1394	63	0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	9.014	0.1470	8.991	0.4954	0.1394	63	0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	9.015	0.0100	8.991	0.4954	0.1394	63	0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	9.040	0.0000	8.991	0.4954	0.1394	63	0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	9.048	0.0126	8.991	0.4954	0.1394	63	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	9.050	0.1000	8.991	0.4954	0.1394	63	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.090	0.0600	8.991	0.4954	0.1394	63	0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	9.090	0.0400	8.991	0.4954	0.1394	63	0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	9.100	0.0000	8.991	0.4954	0.1394	63	0.22	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.147	0.0444	8.991	0.4954	0.1394	63	0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	9.150	0.0000	8.991	0.4954	0.1394	63	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	9.155	0.6100	8.991	0.4954	0.1394	63	0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	9.160	0.4000	8.991	0.4954	0.1394	63	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	9.235	0.1700	8.991	0.4954	0.1394	63	0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	9.250	0.0200	8.991	0.4954	0.1394	63	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	9.270	0.3000	8.991	0.4954	0.1394	63	0.56	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	9.300	0.2600	8.991	0.4954	0.1394	63	0.62	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.310	0.0000	8.991	0.4954	0.1394	63	0.64	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.320	0.0400	8.991	0.4954	0.1394	63	0.66	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2181	9.350	0.2000	8.991	0.4954	0.1394	63	0.72	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	9.367	0.0551	8.991	0.4954	0.1394	63	0.76	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	9.381	0.0030	8.991	0.4954	0.1394	63	0.79	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	9.390	0.0000	8.991	0.4954	0.1394	63	0.80	2%	0

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011.01	Loss on Drying, 135°C 2hr (%)	2022	9.435	0.0100	8.991	0.4954	0.1394	63	0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.500	0.2000	8.991	0.4954	0.1394	63	1.03	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	9.550	0.1000	8.991	0.4954	0.1394	63	1.13	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	9.635	0.1100	8.991	0.4954	0.1394	63	1.30	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	9.730	0.2600	8.991	0.4954	0.1394	63	1.49	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	9.750	0.3400	8.991	0.4954	0.1394	63	1.53	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	9.865	0.0500	8.991	0.4954	0.1394	63	1.76	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0119	9.890	0.0000	8.991	0.4954	0.1394	63	1.81	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.01	0.1600	8.991	0.4954	0.1394	63	2.06	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	10.05	0.2100	8.991	0.4954	0.1394	63	2.13	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	5.965	3.430	8.991	0.4954	0.1394	63	-6.11	17%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	7.995	0.0100				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	8.475	0.4500				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0843	9.560	0.2600				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	8.400	0.2000				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0852	9.500	0.1200				2			0
012.00	Starch, Polarimetric (Ewers) (%)	2195	5.905	0.6100	7.105	0.3884	0.1614	18	-3.09	8%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	6.250	0.5000	7.105	0.3884	0.1614	18	-2.20	6%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	6.650	0.1000	7.105	0.3884	0.1614	18	-1.17	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	6.760	0.0000	7.105	0.3884	0.1614	18	-0.89	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	6.800	0.1000	7.105	0.3884	0.1614	18	-0.78	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	7.035	0.0100	7.105	0.3884	0.1614	18	-0.18	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	7.040	0.0600	7.105	0.3884	0.1614	18	-0.17	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	7.040	0.0600	7.105	0.3884	0.1614	18	-0.17	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	7.150	0.1000	7.105	0.3884	0.1614	18	0.12	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	7.175	0.3500	7.105	0.3884	0.1614	18	0.18	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	7.192	0.0143	7.105	0.3884	0.1614	18	0.23	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	7.220	0.1200	7.105	0.3884	0.1614	18	0.30	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	7.250	0.1000	7.105	0.3884	0.1614	18	0.37	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	7.430	0.2400	7.105	0.3884	0.1614	18	0.84	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	7.450	0.2200	7.105	0.3884	0.1614	18	0.89	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	7.500	0.2200	7.105	0.3884	0.1614	18	1.02	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	7.500	0.0000	7.105	0.3884	0.1614	18	1.02	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	7.650	0.1000	7.105	0.3884	0.1614	18	1.40	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	6.145	0.1700	7.365	1.066	0.2509	11	-1.14	8%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	6.320	0.3400	7.365	1.066	0.2509	11	-0.98	7%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	6.618	0.0954	7.365	1.066	0.2509	11	-0.70	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	7.000	0.1800	7.365	1.066	0.2509	11	-0.34	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	7.092	0.2400	7.365	1.066	0.2509	11	-0.26	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	7.100	0.2000	7.365	1.066	0.2509	11	-0.25	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0885	7.314	0.0204	7.365	1.066	0.2509	11	-0.05	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	7.700	0.2000	7.365	1.066	0.2509	11	0.31	2%	0

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012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	7.800	0.6000	7.365	1.066	0.2509	11	0.41	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	9.565	0.7140	7.365	1.066	0.2509	11	2.06	15%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	17.20	0.0000	7.365	1.066	0.2509	11	9.23	67%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0098	5.875	0.3900				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	6.485	0.2700				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	12.13	0.0900				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	5.700	0.0000	6.629	0.7994	0.0575	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	6.400	0.0000	6.629	0.7994	0.0575	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0353	6.800	0.0600	6.629	0.7994	0.0575	4			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	7.615	0.1700	6.629	0.7994	0.0575	4			0
012.11	Starch, NIR (%)	0910	4.705	0.2500				3			0
012.11	Starch, NIR (%)	0297	5.635	0.0300				3			0
012.11	Starch, NIR (%)	0889	6.045	0.1700				3			0
012.11	Starch, NIR (%)	0720	0.0000	0.0000				3			4
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0504	2.665	0.0900	3.937	0.7026	0.1185	18	-1.81	16%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	2.850	0.1400	3.937	0.7026	0.1185	18	-1.55	14%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	3.050	0.1000	3.937	0.7026	0.1185	18	-1.26	11%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2145	3.435	0.0100	3.937	0.7026	0.1185	18	-0.72	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	3.560	0.1000	3.937	0.7026	0.1185	18	-0.54	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	3.755	0.0100	3.937	0.7026	0.1185	18	-0.26	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	3.880	0.1000	3.937	0.7026	0.1185	18	-0.08	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	3.900	0.2000	3.937	0.7026	0.1185	18	-0.05	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	3.915	0.1700	3.937	0.7026	0.1185	18	-0.03	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	3.950	0.3000	3.937	0.7026	0.1185	18	0.02	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	3.977	0.1803	3.937	0.7026	0.1185	18	0.06	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	4.160	0.1000	3.937	0.7026	0.1185	18	0.32	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	4.210	0.0200	3.937	0.7026	0.1185	18	0.39	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	4.335	0.0900	3.937	0.7026	0.1185	18	0.57	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0139	4.395	0.1700	3.937	0.7026	0.1185	18	0.65	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	4.728	0.1195	3.937	0.7026	0.1185	18	1.13	10%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	4.905	0.1900	3.937	0.7026	0.1185	18	1.38	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	4.952	0.0430	3.937	0.7026	0.1185	18	1.44	13%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0853	3.950	0.1000	4.513	0.2575	0.0879	13	-2.19	6%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0148	4.025	0.0500	4.513	0.2575	0.0879	13	-1.90	5%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0643	4.305	0.1300	4.513	0.2575	0.0879	13	-0.81	2%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0676	4.385	0.0100	4.513	0.2575	0.0879	13	-0.50	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0100	4.430	0.1800	4.513	0.2575	0.0879	13	-0.32	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0553	4.485	0.2100	4.513	0.2575	0.0879	13	-0.11	0%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0870	4.588	0.0133	4.513	0.2575	0.0879	13	0.29	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0874	4.630	0.0600	4.513	0.2575	0.0879	13	0.45	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0682	4.640	0.0000	4.513	0.2575	0.0879	13	0.49	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0171	4.640	0.1000	4.513	0.2575	0.0879	13	0.49	1%	0



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013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0650	4.750	0.0600	4.513	0.2575	0.0879	13	0.92	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0675	4.770	0.1400	4.513	0.2575	0.0879	13	1.00	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0861	4.795	0.0900	4.513	0.2575	0.0879	13	1.09	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0354	4.640	0.5000	4.513	0.2575	0.0879	13	0.49	1%	1
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	3.883	0.0296				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2215	2.255	0.0900	3.305	0.6373	0.0326	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	3.250	0.0000	3.305	0.6373	0.0326	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2006	3.460	0.0200	3.305	0.6373	0.0326	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	3.628	0.0332	3.305	0.6373	0.0326	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	3.930	0.0200	3.305	0.6373	0.0326	5			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	3.210	1.040	3.305	0.6373	0.0326	5			1
013.12	Fat, Acid Pretreat, NIR- Acid Hydrolysis (%)	0910	4.205	0.0700				1			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0027	3.097	0.2160	4.361	0.9768	0.1343	6	-1.29	14%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	4.125	0.3300	4.361	0.9768	0.1343	6	-0.24	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	4.161	0.0298	4.361	0.9768	0.1343	6	-0.20	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0955	4.205	0.0900	4.361	0.9768	0.1343	6	-0.16	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	4.925	0.0300	4.361	0.9768	0.1343	6	0.58	6%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	5.655	0.1100	4.361	0.9768	0.1343	6	1.32	15%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	417.0	31.46	506.9	72.35	16.42	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	497.0	9.200	506.9	72.35	16.42	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	521.0	12.00	506.9	72.35	16.42	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	592.5	13.00	506.9	72.35	16.42	4			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	506.8	25.30				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	369.0	4.000	493.9	99.23	10.91	7	-1.26	13%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	461.0	30.00	493.9	99.23	10.91	7	-0.33	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0425	464.9	4.400	493.9	99.23	10.91	7	-0.29	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	468.0	4.000	493.9	99.23	10.91	7	-0.26	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	483.6	6.936	493.9	99.23	10.91	7	-0.10	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	568.0	16.00	493.9	99.23	10.91	7	0.75	8%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	676.5	11.00	493.9	99.23	10.91	7	1.84	18%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	345.5	23.00				1			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	554.5	7.000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	8.820	0.7400	11.08	1.790	0.5400	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	10.80	0.9200	11.08	1.790	0.5400	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	11.55	0.3800	11.08	1.790	0.5400	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	13.13	0.1200	11.08	1.790	0.5400	4			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	9.350	0.1600	10.07	0.7332	0.5707	6	-0.98	4%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0265	9.600	0.2000	10.07	0.7332	0.5707	6	-0.64	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	9.817	0.2340	10.07	0.7332	0.5707	6	-0.35	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	10.15	0.9000	10.07	0.7332	0.5707	6	0.11	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	10.34	1.830	10.07	0.7332	0.5707	6	0.36	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	15.75	0.1000	10.07	0.7332	0.5707	6	7.75	28%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	4.500	1.000	10.81	4.406	0.3483	6	-1.43	29%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	8.960	0.0800	10.81	4.406	0.3483	6	-0.42	9%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	10.78	0.0100	10.81	4.406	0.3483	6	-0.01	0%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0083	12.00	0.0000	10.81	4.406	0.3483	6	0.27	6%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	12.50	1.000	10.81	4.406	0.3483	6	0.38	8%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	16.10	0.0000	10.81	4.406	0.3483	6	1.20	24%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	4.181	0.0050	4.476	0.1765	0.0265	10	-1.68	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	4.260	0.0400	4.476	0.1765	0.0265	10	-1.22	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	4.395	0.0500	4.476	0.1765	0.0265	10	-0.46	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	4.430	0.0600	4.476	0.1765	0.0265	10	-0.26	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	4.455	0.0300	4.476	0.1765	0.0265	10	-0.12	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	4.545	0.0300	4.476	0.1765	0.0265	10	0.39	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	4.545	0.0100	4.476	0.1765	0.0265	10	0.39	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	4.605	0.0100	4.476	0.1765	0.0265	10	0.73	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	4.650	0.0200	4.476	0.1765	0.0265	10	0.99	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	4.665	0.0100	4.476	0.1765	0.0265	10	1.07	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	4.496	0.1520	4.476	0.1765	0.0265	10	0.11	0%	1
019.02	Calcium, Hach Method (%)	0536	4.370	0.1000				2			0
019.02	Calcium, Hach Method (%)	2128	5.201	0.0950				2			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	4.465	0.0197				1			0
019.08	Calcium, EDTA (%)	2200	3.800	0.4000	4.638	0.3929	0.0977	14	-2.13	9%	0
019.08	Calcium, EDTA (%)	0629	4.170	0.0600	4.638	0.3929	0.0977	14	-1.19	5%	0
019.08	Calcium, EDTA (%)	0590	4.395	0.0100	4.638	0.3929	0.0977	14	-0.62	3%	0
019.08	Calcium, EDTA (%)	2190	4.433	0.1257	4.638	0.3929	0.0977	14	-0.52	2%	0
019.08	Calcium, EDTA (%)	0885	4.489	0.0125	4.638	0.3929	0.0977	14	-0.38	2%	0
019.08	Calcium, EDTA (%)	0849	4.569	0.0020	4.638	0.3929	0.0977	14	-0.17	1%	0
019.08	Calcium, EDTA (%)	2188	4.610	0.0600	4.638	0.3929	0.0977	14	-0.07	0%	0
019.08	Calcium, EDTA (%)	2196	4.620	0.0000	4.638	0.3929	0.0977	14	-0.04	0%	0
019.08	Calcium, EDTA (%)	2009	4.634	0.0069	4.638	0.3929	0.0977	14	-0.01	0%	0
019.08	Calcium, EDTA (%)	0852	4.650	0.3000	4.638	0.3929	0.0977	14	0.03	0%	0
019.08	Calcium, EDTA (%)	2193	4.845	0.0500	4.638	0.3929	0.0977	14	0.53	2%	0
019.08	Calcium, EDTA (%)	2031	5.037	0.0606	4.638	0.3929	0.0977	14	1.02	4%	0
019.08	Calcium, EDTA (%)	0689	5.200	0.0800	4.638	0.3929	0.0977	14	1.43	6%	0
019.08	Calcium, EDTA (%)	2199	5.800	0.2000	4.638	0.3929	0.0977	14	2.96	13%	0
019.09	Calcium, Ion-selective electrode (%)	2006	3.941	0.0180				1			0
019.31	Calcium, AAS, Dry ash (%)	0536	3.515	0.0100	4.407	0.2973	0.0594	17	-3.00	10%	0
019.31	Calcium, AAS, Dry ash (%)	0868	3.950	0.1200	4.407	0.2973	0.0594	17	-1.54	5%	0
019.31	Calcium, AAS, Dry ash (%)	0884	4.025	0.0100	4.407	0.2973	0.0594	17	-1.29	4%	0
019.31	Calcium, AAS, Dry ash (%)	0175	4.235	0.0100	4.407	0.2973	0.0594	17	-0.58	2%	0
019.31	Calcium, AAS, Dry ash (%)	0874	4.265	0.0700	4.407	0.2973	0.0594	17	-0.48	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	4.287	0.0170	4.407	0.2973	0.0594	17	-0.41	1%	0
019.31	Calcium, AAS, Dry ash (%)	2126	4.405	0.0100	4.407	0.2973	0.0594	17	-0.01	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.31	Calcium, AAS, Dry ash (%)	2097	4.461	0.0052	4.407	0.2973	0.0594	17	0.18	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	4.475	0.2300	4.407	0.2973	0.0594	17	0.23	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	4.479	0.1821	4.407	0.2973	0.0594	17	0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	4.485	0.0100	4.407	0.2973	0.0594	17	0.26	1%	0
019.31	Calcium, AAS, Dry ash (%)	2195	4.485	0.0100	4.407	0.2973	0.0594	17	0.26	1%	0
019.31	Calcium, AAS, Dry ash (%)	0152	4.505	0.1500	4.407	0.2973	0.0594	17	0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	4.580	0.0200	4.407	0.2973	0.0594	17	0.58	2%	0
019.31	Calcium, AAS, Dry ash (%)	2196	4.630	0.0000	4.407	0.2973	0.0594	17	0.75	3%	0
019.31	Calcium, AAS, Dry ash (%)	2198	4.830	0.0600	4.407	0.2973	0.0594	17	1.42	5%	0
019.31	Calcium, AAS, Dry ash (%)	0001	5.008	0.0960	4.407	0.2973	0.0594	17	2.02	7%	0
019.31	Calcium, AAS, Dry ash (%)	0687	4.390	0.3800	4.407	0.2973	0.0594	17	-0.06	0%	1
019.32	Calcium, AAS, Open vessel (%)	0169	4.455	0.0100				2			0
019.32	Calcium, AAS, Open vessel (%)	0504	4.846	0.1620				2			0
019.33	Calcium, AAS, Microwave (%)	0300	4.625	0.5300				2			0
019.33	Calcium, AAS, Microwave (%)	0612	5.025	0.2900				2			0
019.35	Calcium, AAS, Open vessel (%)	2216	4.432	0.2500				1			0
019.41	Calcium, ICP, Dry ash (%)	0298	3.990	0.0200	4.471	0.3423	0.0878	26	-1.41	5%	0
019.41	Calcium, ICP, Dry ash (%)	0720	4.035	0.0300	4.471	0.3423	0.0878	26	-1.27	5%	0
019.41	Calcium, ICP, Dry ash (%)	0653	4.039	0.0090	4.471	0.3423	0.0878	26	-1.26	5%	0
019.41	Calcium, ICP, Dry ash (%)	0520	4.065	0.2500	4.471	0.3423	0.0878	26	-1.19	5%	0
019.41	Calcium, ICP, Dry ash (%)	0144	4.130	0.0600	4.471	0.3423	0.0878	26	-1.00	4%	0
019.41	Calcium, ICP, Dry ash (%)	0171	4.175	0.0300	4.471	0.3423	0.0878	26	-0.86	3%	0
019.41	Calcium, ICP, Dry ash (%)	0003	4.185	0.1700	4.471	0.3423	0.0878	26	-0.84	3%	0
019.41	Calcium, ICP, Dry ash (%)	0164	4.200	0.0400	4.471	0.3423	0.0878	26	-0.79	3%	0
019.41	Calcium, ICP, Dry ash (%)	0910	4.400	0.2200	4.471	0.3423	0.0878	26	-0.21	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	4.410	0.0080	4.471	0.3423	0.0878	26	-0.18	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	4.414	0.0470	4.471	0.3423	0.0878	26	-0.17	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	4.420	0.0200	4.471	0.3423	0.0878	26	-0.15	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	4.440	0.3600	4.471	0.3423	0.0878	26	-0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	4.480	0.0000	4.471	0.3423	0.0878	26	0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	4.505	0.0700	4.471	0.3423	0.0878	26	0.10	0%	0
019.41	Calcium, ICP, Dry ash (%)	2012	4.580	0.0800	4.471	0.3423	0.0878	26	0.32	1%	0
019.41	Calcium, ICP, Dry ash (%)	0405	4.590	0.0000	4.471	0.3423	0.0878	26	0.35	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	4.600	0.0400	4.471	0.3423	0.0878	26	0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0878	4.650	0.0200	4.471	0.3423	0.0878	26	0.52	2%	0
019.41	Calcium, ICP, Dry ash (%)	2145	4.686	0.0190	4.471	0.3423	0.0878	26	0.63	2%	0
019.41	Calcium, ICP, Dry ash (%)	0018	4.770	0.2000	4.471	0.3423	0.0878	26	0.87	3%	0
019.41	Calcium, ICP, Dry ash (%)	0511	4.810	0.3200	4.471	0.3423	0.0878	26	0.99	4%	0
019.41	Calcium, ICP, Dry ash (%)	0358	4.890	0.1400	4.471	0.3423	0.0878	26	1.22	5%	0
019.41	Calcium, ICP, Dry ash (%)	0619	4.910	0.0400	4.471	0.3423	0.0878	26	1.28	5%	0
019.41	Calcium, ICP, Dry ash (%)	0226	4.930	0.0200	4.471	0.3423	0.0878	26	1.34	5%	0
019.41	Calcium, ICP, Dry ash (%)	0139	4.945	0.0700	4.471	0.3423	0.0878	26	1.38	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			
019.41	Calcium, ICP, Dry ash (%)	0407	4.502	0.4898	4.471	0.3423	0.0878	26	0.09	0%	1
019.41	Calcium, ICP, Dry ash (%)	0848	0.2400	0.0000	4.471	0.3423	0.0878	26	-12.36	47%	2
019.42	Calcium, ICP, Open vessel (%)	2129	3.700	0.2800	4.501	0.2572	0.1235	22	-3.12	9%	0
019.42	Calcium, ICP, Open vessel (%)	0205	3.770	0.2000	4.501	0.2572	0.1235	22	-2.84	8%	0
019.42	Calcium, ICP, Open vessel (%)	0278	4.135	0.1700	4.501	0.2572	0.1235	22	-1.42	4%	0
019.42	Calcium, ICP, Open vessel (%)	0186	4.235	0.0100	4.501	0.2572	0.1235	22	-1.03	3%	0
019.42	Calcium, ICP, Open vessel (%)	0009	4.339	0.3365	4.501	0.2572	0.1235	22	-0.63	2%	0
019.42	Calcium, ICP, Open vessel (%)	0560	4.405	0.0329	4.501	0.2572	0.1235	22	-0.38	1%	0
019.42	Calcium, ICP, Open vessel (%)	0263	4.435	0.0294	4.501	0.2572	0.1235	22	-0.26	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	4.435	0.0300	4.501	0.2572	0.1235	22	-0.26	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	4.450	0.1000	4.501	0.2572	0.1235	22	-0.20	1%	0
019.42	Calcium, ICP, Open vessel (%)	0187	4.475	0.0500	4.501	0.2572	0.1235	22	-0.10	0%	0
019.42	Calcium, ICP, Open vessel (%)	0357	4.493	0.0281	4.501	0.2572	0.1235	22	-0.03	0%	0
019.42	Calcium, ICP, Open vessel (%)	0685	4.545	0.0100	4.501	0.2572	0.1235	22	0.17	0%	0
019.42	Calcium, ICP, Open vessel (%)	0190	4.555	0.0300	4.501	0.2572	0.1235	22	0.21	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	4.560	0.1800	4.501	0.2572	0.1235	22	0.23	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	4.565	0.0100	4.501	0.2572	0.1235	22	0.25	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	4.580	0.0400	4.501	0.2572	0.1235	22	0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0726	4.585	0.0030	4.501	0.2572	0.1235	22	0.32	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	4.624	0.0110	4.501	0.2572	0.1235	22	0.48	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	4.731	0.4450	4.501	0.2572	0.1235	22	0.89	3%	0
019.42	Calcium, ICP, Open vessel (%)	0045	4.875	0.2500	4.501	0.2572	0.1235	22	1.45	4%	0
019.42	Calcium, ICP, Open vessel (%)	2053	4.985	0.4700	4.501	0.2572	0.1235	22	1.88	5%	0
019.42	Calcium, ICP, Open vessel (%)	0692	5.030	0.0000	4.501	0.2572	0.1235	22	2.06	6%	0
019.43	Calcium, ICP, Microwave (%)	0297	3.840	0.1000	4.432	0.2208	0.0827	27	-2.68	7%	0
019.43	Calcium, ICP, Microwave (%)	0425	4.150	0.0800	4.432	0.2208	0.0827	27	-1.28	3%	0
019.43	Calcium, ICP, Microwave (%)	2192	4.150	0.2200	4.432	0.2208	0.0827	27	-1.28	3%	0
019.43	Calcium, ICP, Microwave (%)	0202	4.167	0.0860	4.432	0.2208	0.0827	27	-1.20	3%	0
019.43	Calcium, ICP, Microwave (%)	0345	4.255	0.0700	4.432	0.2208	0.0827	27	-0.80	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	4.260	0.0313	4.432	0.2208	0.0827	27	-0.78	2%	0
019.43	Calcium, ICP, Microwave (%)	0610	4.270	0.0200	4.432	0.2208	0.0827	27	-0.73	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	4.335	0.0300	4.432	0.2208	0.0827	27	-0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0028	4.355	0.0100	4.432	0.2208	0.0827	27	-0.35	1%	0
019.43	Calcium, ICP, Microwave (%)	0861	4.360	0.0400	4.432	0.2208	0.0827	27	-0.32	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	4.367	0.1770	4.432	0.2208	0.0827	27	-0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	4.375	0.0500	4.432	0.2208	0.0827	27	-0.26	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	4.380	0.0000	4.432	0.2208	0.0827	27	-0.23	1%	0
019.43	Calcium, ICP, Microwave (%)	0505	4.400	0.0600	4.432	0.2208	0.0827	27	-0.14	0%	0
019.43	Calcium, ICP, Microwave (%)	0629	4.410	0.1600	4.432	0.2208	0.0827	27	-0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0010	4.420	0.1600	4.432	0.2208	0.0827	27	-0.05	0%	0
019.43	Calcium, ICP, Microwave (%)	0918	4.514	0.1360	4.432	0.2208	0.0827	27	0.37	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	4.515	0.2700	4.432	0.2208	0.0827	27	0.38	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.43	Calcium, ICP, Microwave (%)	0089	4.520	0.0000	4.432	0.2208	0.0827	27	0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0964	4.553	0.1076	4.432	0.2208	0.0827	27	0.55	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	4.580	0.0000	4.432	0.2208	0.0827	27	0.67	2%	0
019.43	Calcium, ICP, Microwave (%)	0083	4.605	0.0900	4.432	0.2208	0.0827	27	0.79	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	4.607	0.0140	4.432	0.2208	0.0827	27	0.79	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	4.740	0.0200	4.432	0.2208	0.0827	27	1.40	3%	0
019.43	Calcium, ICP, Microwave (%)	0098	4.740	0.2400	4.432	0.2208	0.0827	27	1.40	3%	0
019.43	Calcium, ICP, Microwave (%)	0035	4.855	0.0300	4.432	0.2208	0.0827	27	1.92	5%	0
019.43	Calcium, ICP, Microwave (%)	0353	4.865	0.0300	4.432	0.2208	0.0827	27	1.96	5%	0
019.44	Calcium, ICP, Dry ash (%)	0039	4.328	0.0200				1			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	4.575	0.2500				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0016	4.135	0.2700				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	4.185	0.0900				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	4.940	0.4400				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	4.380	0.2400	4.514	0.1053	0.1569	6	-1.27	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	2055	4.456	0.0713	4.514	0.1053	0.1569	6	-0.54	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	0553	4.480	0.1600	4.514	0.1053	0.1569	6	-0.32	0%	0
019.53	Calcium, ICP-MS, Microwave (%)	0572	4.555	0.1100	4.514	0.1053	0.1569	6	0.39	0%	0
019.53	Calcium, ICP-MS, Microwave (%)	0199	4.570	0.0400	4.514	0.1053	0.1569	6	0.54	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	0300	4.640	0.3200	4.514	0.1053	0.1569	6	1.20	1%	0
019.99	Calcium, Miscellaneous (%)	0889	3.970	0.0000	4.421	0.2834	0.0934	5			0
019.99	Calcium, Miscellaneous (%)	0676	4.338	0.1370	4.421	0.2834	0.0934	5			0
019.99	Calcium, Miscellaneous (%)	0242	4.495	0.0500	4.421	0.2834	0.0934	5			0
019.99	Calcium, Miscellaneous (%)	0100	4.635	0.2300	4.421	0.2834	0.0934	5			0
019.99	Calcium, Miscellaneous (%)	2215	4.665	0.0500	4.421	0.2834	0.0934	5			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	20.00	2.000				2			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0904	20.96	0.0800				2			0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	20.27	0.1700				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	9.735	0.2300				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0148	18.90	0.4900				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	27.69	11.26				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	15.50	1.721	17.14	1.477	0.6602	5			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0186	16.00	0.0000	17.14	1.477	0.6602	5			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	2053	17.00	0.5300	17.14	1.477	0.6602	5			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	18.18	0.5500	17.14	1.477	0.6602	5			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	19.05	0.5000	17.14	1.477	0.6602	5			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0629	15.30	0.4000	18.04	2.526	0.3166	6	-1.08	8%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	15.79	0.3600	18.04	2.526	0.3166	6	-0.89	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	17.50	0.8000	18.04	2.526	0.3166	6	-0.21	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	19.31	0.0800	18.04	2.526	0.3166	6	0.50	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	19.37	0.0618	18.04	2.526	0.3166	6	0.53	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0027	20.97	0.1980	18.04	2.526	0.3166	6	1.16	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0016	15.70	1.000	17.70	1.487	1.813	4			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	17.50	1.000	17.70	1.487	1.813	4			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	18.48	0.7900	17.70	1.487	1.813	4			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	19.11	4.460	17.70	1.487	1.813	4			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	16.81	0.2900	19.52	2.359	0.6662	7	-1.15	7%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0033	18.45	0.7000	19.52	2.359	0.6662	7	-0.45	3%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	18.45	0.3000	19.52	2.359	0.6662	7	-0.45	3%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	2055	18.49	0.4470	19.52	2.359	0.6662	7	-0.43	3%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0939	20.57	0.6600	19.52	2.359	0.6662	7	0.45	3%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	20.80	2.200	19.52	2.359	0.6662	7	0.54	3%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	23.67	0.0667	19.52	2.359	0.6662	7	1.76	11%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2097	505.1	10.66	599.1	34.84	10.99	12	-2.70	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	564.6	9.940	599.1	34.84	10.99	12	-0.99	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	579.8	1.500	599.1	34.84	10.99	12	-0.56	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	584.7	12.72	599.1	34.84	10.99	12	-0.41	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	587.0	26.00	599.1	34.84	10.99	12	-0.35	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	590.0	20.00	599.1	34.84	10.99	12	-0.26	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2188	597.7	10.49	599.1	34.84	10.99	12	-0.04	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2146	598.0	8.000	599.1	34.84	10.99	12	-0.03	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	619.6	4.790	599.1	34.84	10.99	12	0.59	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	635.8	7.900	599.1	34.84	10.99	12	1.05	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2062	637.9	19.90	599.1	34.84	10.99	12	1.11	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2196	647.9	0.0000	599.1	34.84	10.99	12	1.40	4%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	659.4	0.0000				2			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	712.1	22.00				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	609.0	3.605				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	705.3	10.80				2			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	363.0	82.00	598.0	58.18	22.29	23	-4.04	20%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	489.0	20.00	598.0	58.18	22.29	23	-1.87	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	529.2	68.35	598.0	58.18	22.29	23	-1.18	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	540.0	18.00	598.0	58.18	22.29	23	-1.00	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	543.0	44.40	598.0	58.18	22.29	23	-0.94	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	546.0	15.90	598.0	58.18	22.29	23	-0.89	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	572.5	51.00	598.0	58.18	22.29	23	-0.44	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	576.5	5.290	598.0	58.18	22.29	23	-0.37	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0653	585.6	2.900	598.0	58.18	22.29	23	-0.21	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2145	586.8	1.410	598.0	58.18	22.29	23	-0.19	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	591.5	6.307	598.0	58.18	22.29	23	-0.11	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	598.1	23.10	598.0	58.18	22.29	23	0.00	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	601.0	27.01	598.0	58.18	22.29	23	0.05	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	605.5	0.0000	598.0	58.18	22.29	23	0.13	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	627.2	35.18	598.0	58.18	22.29	23	0.50	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			
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	637.5	13.00	598.0	58.18	22.29	23	0.68	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	639.4	6.770	598.0	58.18	22.29	23	0.71	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	643.5	28.90	598.0	58.18	22.29	23	0.78	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	648.8	9.400	598.0	58.18	22.29	23	0.87	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	652.5	9.000	598.0	58.18	22.29	23	0.94	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	656.5	5.000	598.0	58.18	22.29	23	1.01	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	665.5	23.00	598.0	58.18	22.29	23	1.16	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	710.7	16.69	598.0	58.18	22.29	23	1.94	9%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	599.0	18.00	692.1	42.04	11.76	21	-2.21	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	606.7	35.00	692.1	42.04	11.76	21	-2.03	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2053	634.3	10.10	692.1	42.04	11.76	21	-1.37	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	662.6	5.000	692.1	42.04	11.76	21	-0.70	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0263	671.5	4.775	692.1	42.04	11.76	21	-0.49	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	676.0	4.000	692.1	42.04	11.76	21	-0.38	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	678.4	20.00	692.1	42.04	11.76	21	-0.32	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	679.6	3.850	692.1	42.04	11.76	21	-0.30	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	679.7	0.4760	692.1	42.04	11.76	21	-0.29	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	683.5	11.00	692.1	42.04	11.76	21	-0.20	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	687.1	7.260	692.1	42.04	11.76	21	-0.12	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	691.0	34.00	692.1	42.04	11.76	21	-0.03	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	697.0	4.000	692.1	42.04	11.76	21	0.12	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	702.0	6.000	692.1	42.04	11.76	21	0.24	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	703.5	9.000	692.1	42.04	11.76	21	0.27	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	721.5	11.00	692.1	42.04	11.76	21	0.70	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	725.7	12.20	692.1	42.04	11.76	21	0.80	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	731.6	8.290	692.1	42.04	11.76	21	0.94	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	739.9	15.48	692.1	42.04	11.76	21	1.14	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	774.5	7.430	692.1	42.04	11.76	21	1.96	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	808.0	20.00	692.1	42.04	11.76	21	2.76	8%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2192	461.3	45.21	675.3	48.93	16.17	23	-4.37	16%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	588.5	9.000	675.3	48.93	16.17	23	-1.77	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0028	614.9	6.620	675.3	48.93	16.17	23	-1.23	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	626.0	70.00	675.3	48.93	16.17	23	-1.01	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	629.2	8.973	675.3	48.93	16.17	23	-0.94	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	650.0	15.45	675.3	48.93	16.17	23	-0.52	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	655.0	0.0000	675.3	48.93	16.17	23	-0.41	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	660.0	2.600	675.3	48.93	16.17	23	-0.31	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	664.0	2.000	675.3	48.93	16.17	23	-0.23	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	666.6	0.0000	675.3	48.93	16.17	23	-0.18	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0017	669.8	11.75	675.3	48.93	16.17	23	-0.11	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	674.5	1.000	675.3	48.93	16.17	23	-0.02	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	675.9	16.84	675.3	48.93	16.17	23	0.01	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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022.43	Copper, ICP, Microwave (mg / kg (ppm))	0505	676.5	3.000	675.3	48.93	16.17	23	0.02	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	693.0	0.0000	675.3	48.93	16.17	23	0.36	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	696.0	36.00	675.3	48.93	16.17	23	0.42	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	701.2	21.70	675.3	48.93	16.17	23	0.53	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	702.0	4.000	675.3	48.93	16.17	23	0.55	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	721.0	38.00	675.3	48.93	16.17	23	0.93	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	725.0	14.00	675.3	48.93	16.17	23	1.02	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	730.3	46.75	675.3	48.93	16.17	23	1.12	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	750.5	9.000	675.3	48.93	16.17	23	1.54	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	858.0	10.00	675.3	48.93	16.17	23	3.73	14%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	822.7	297.4	675.3	48.93	16.17	23	3.01	11%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	1,603	27.08	675.3	48.93	16.17	23	18.96	69%	2
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0039	795.7	142.7				1			0
022.51	Copper, ICP-MS, Dry ash (mg / kg (ppm))	2146	559.5	1.000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	631.0	8.000				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	642.4	13.30				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0016	662.0	46.00				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	599.1	3.500	651.9	34.43	36.50	5			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	637.0	114.0	651.9	34.43	36.50	5			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	663.5	7.000	651.9	34.43	36.50	5			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	677.5	53.00	651.9	34.43	36.50	5			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0939	682.5	5.000	651.9	34.43	36.50	5			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	578.5	27.00	673.0	68.38	52.00	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	676.0	10.00	673.0	68.38	52.00	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	697.5	31.00	673.0	68.38	52.00	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	740.0	140.0	673.0	68.38	52.00	4			0
024.99	Iodine, Miscellaneous (mg / kg (ppm))	0160	33.55	1.300				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2097	1,185	3.610	1,404	127.2	34.12	13	-1.72	8%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	1,292	16.14	1,404	127.2	34.12	13	-0.88	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2146	1,317	19.00	1,404	127.2	34.12	13	-0.68	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	1,325	10.00	1,404	127.2	34.12	13	-0.62	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	1,329	15.00	1,404	127.2	34.12	13	-0.59	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2062	1,368	18.50	1,404	127.2	34.12	13	-0.28	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	1,400	8.550	1,404	127.2	34.12	13	-0.03	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2196	1,415	0.0000	1,404	127.2	34.12	13	0.09	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	1,423	22.20	1,404	127.2	34.12	13	0.15	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	1,500	0.0000	1,404	127.2	34.12	13	0.76	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	1,520	136.0	1,404	127.2	34.12	13	0.91	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2188	1,552	24.37	1,404	127.2	34.12	13	1.16	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2195	1,979	170.1	1,404	127.2	34.12	13	4.53	21%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	2128	1,463	0.0000				2			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	1,544	225.0				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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025.35	Iron, AAS, Open vessel (mg / kg (ppm))	2216	1,314	12.00				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	984.0	6.000	1,278	133.0	31.18	21	-2.21	11%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	1,095	0.0000	1,278	133.0	31.18	21	-1.37	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	1,102	43.86	1,278	133.0	31.18	21	-1.32	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	1,116	1.000	1,278	133.0	31.18	21	-1.22	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	1,126	28.00	1,278	133.0	31.18	21	-1.14	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	1,169	22.00	1,278	133.0	31.18	21	-0.82	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	1,226	19.90	1,278	133.0	31.18	21	-0.38	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	1,245	10.00	1,278	133.0	31.18	21	-0.24	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	1,252	9.490	1,278	133.0	31.18	21	-0.19	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	1,306	15.00	1,278	133.0	31.18	21	0.21	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	1,337	91.95	1,278	133.0	31.18	21	0.45	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	1,361	6.000	1,278	133.0	31.18	21	0.63	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	1,367	3.780	1,278	133.0	31.18	21	0.67	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	1,371	49.00	1,278	133.0	31.18	21	0.70	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	1,371	44.56	1,278	133.0	31.18	21	0.71	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	1,372	130.0	1,278	133.0	31.18	21	0.71	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	1,382	8.000	1,278	133.0	31.18	21	0.79	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	1,384	25.00	1,278	133.0	31.18	21	0.80	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	1,384	74.21	1,278	133.0	31.18	21	0.80	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	1,392	35.00	1,278	133.0	31.18	21	0.86	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	1,394	32.00	1,278	133.0	31.18	21	0.88	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	329.5	103.0	1,215	177.0	36.47	16	-5.00	36%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	618.5	23.00	1,215	177.0	36.47	16	-3.37	25%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	855.6	5.800	1,215	177.0	36.47	16	-2.03	15%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	1,096	2.000	1,215	177.0	36.47	16	-0.67	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	1,131	15.21	1,215	177.0	36.47	16	-0.48	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	1,212	1.200	1,215	177.0	36.47	16	-0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	1,243	35.00	1,215	177.0	36.47	16	0.15	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	1,256	41.30	1,215	177.0	36.47	16	0.23	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	1,269	23.72	1,215	177.0	36.47	16	0.31	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	1,279	81.00	1,215	177.0	36.47	16	0.36	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	1,289	23.00	1,215	177.0	36.47	16	0.41	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0263	1,326	2.640	1,215	177.0	36.47	16	0.62	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	1,330	113.7	1,215	177.0	36.47	16	0.65	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	1,345	70.00	1,215	177.0	36.47	16	0.73	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	1,410	23.00	1,215	177.0	36.47	16	1.10	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	1,410	20.00	1,215	177.0	36.47	16	1.10	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2192	815.5	121.2	1,289	132.3	42.32	18	-3.58	18%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	938.5	47.00	1,289	132.3	42.32	18	-2.65	14%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	1,159	29.87	1,289	132.3	42.32	18	-0.98	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	1,178	9.920	1,289	132.3	42.32	18	-0.84	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			
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	1,178	124.0	1,289	132.3	42.32	18	-0.84	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	1,235	90.00	1,289	132.3	42.32	18	-0.41	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	1,235	32.00	1,289	132.3	42.32	18	-0.41	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	1,241	55.90	1,289	132.3	42.32	18	-0.36	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	1,305	70.00	1,289	132.3	42.32	18	0.12	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	1,310	24.00	1,289	132.3	42.32	18	0.16	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	1,337	33.00	1,289	132.3	42.32	18	0.36	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	1,372	36.00	1,289	132.3	42.32	18	0.63	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0017	1,376	0.6100	1,289	132.3	42.32	18	0.66	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	1,392	66.32	1,289	132.3	42.32	18	0.78	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	1,402	1.000	1,289	132.3	42.32	18	0.85	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	1,422	1.000	1,289	132.3	42.32	18	1.00	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	1,436	0.0000	1,289	132.3	42.32	18	1.12	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	1,440	20.00	1,289	132.3	42.32	18	1.14	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	1,217	242.0	1,289	132.3	42.32	18	-0.54	3%	1
025.51	Iron, ICP-MS, Dry ash (mg / kg (ppm))	2146	1,378	19.00				1			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	1,275	190.0				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2055	1,398	10.00				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0939	1,419	57.00				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	1,378	49.00				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	1,402	1.000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	2129	1,535	375.0				3			0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.8850	0.0100	0.9284	0.0266	0.0128	9	-1.63	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2146	0.9050	0.0300	0.9284	0.0266	0.0128	9	-0.88	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.9108	0.0044	0.9284	0.0266	0.0128	9	-0.66	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.9270	0.0100	0.9284	0.0266	0.0128	9	-0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.9300	0.0000	0.9284	0.0266	0.0128	9	0.06	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.9400	0.0400	0.9284	0.0266	0.0128	9	0.44	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.9400	0.0000	0.9284	0.0266	0.0128	9	0.44	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.9543	0.0012	0.9284	0.0266	0.0128	9	0.98	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.9600	0.0200	0.9284	0.0266	0.0128	9	1.19	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	1.070	0.3200	0.9284	0.0266	0.0128	9	5.33	8%	1
027.32	Magnesium, AAS, Open vessel (%)	0504	0.8810	0.0020				2			0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.9500	0.0000				2			0
027.33	Magnesium, AAS, Microwave (%)	0010	0.9300	0.0200				3			0
027.33	Magnesium, AAS, Microwave (%)	0612	0.9350	0.0300				3			0
027.33	Magnesium, AAS, Microwave (%)	0948	1.011	0.0180				3			0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.8400	0.0600	0.9186	0.0543	0.0243	24	-1.45	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.8550	0.0100	0.9186	0.0543	0.0243	24	-1.17	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.8649	0.0032	0.9186	0.0543	0.0243	24	-0.99	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.8660	0.0120	0.9186	0.0543	0.0243	24	-0.97	3%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.8750	0.0500	0.9186	0.0543	0.0243	24	-0.80	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.41	Magnesium, ICP, Dry ash (%)	0171	0.8810	0.0240	0.9186	0.0543	0.0243	24	-0.69	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.8850	0.0100	0.9186	0.0543	0.0243	24	-0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.8900	0.0600	0.9186	0.0543	0.0243	24	-0.53	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.8950	0.0500	0.9186	0.0543	0.0243	24	-0.43	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.9000	0.0000	0.9186	0.0543	0.0243	24	-0.34	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.9050	0.0100	0.9186	0.0543	0.0243	24	-0.25	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.9050	0.0120	0.9186	0.0543	0.0243	24	-0.25	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.9150	0.0700	0.9186	0.0543	0.0243	24	-0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	2145	0.9214	0.0011	0.9186	0.0543	0.0243	24	0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.9216	0.0471	0.9186	0.0543	0.0243	24	0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.9250	0.0100	0.9186	0.0543	0.0243	24	0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.9260	0.0300	0.9186	0.0543	0.0243	24	0.14	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.9600	0.0400	0.9186	0.0543	0.0243	24	0.76	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.9650	0.0100	0.9186	0.0543	0.0243	24	0.86	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.9700	0.0000	0.9186	0.0543	0.0243	24	0.95	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.9800	0.0000	0.9186	0.0543	0.0243	24	1.13	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0653	1.018	0.0050	0.9186	0.0543	0.0243	24	1.82	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	1.051	0.0086	0.9186	0.0543	0.0243	24	2.44	7%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	1.060	0.0600	0.9186	0.0543	0.0243	24	2.61	8%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.8350	0.0100	0.9290	0.0511	0.0314	21	-1.84	5%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.8600	0.0400	0.9290	0.0511	0.0314	21	-1.35	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.8605	0.0470	0.9290	0.0511	0.0314	21	-1.34	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.8695	0.0410	0.9290	0.0511	0.0314	21	-1.16	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.9006	0.0199	0.9290	0.0511	0.0314	21	-0.56	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.9072	0.0161	0.9290	0.0511	0.0314	21	-0.43	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.9111	0.0496	0.9290	0.0511	0.0314	21	-0.35	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.9150	0.0100	0.9290	0.0511	0.0314	21	-0.27	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.9230	0.0360	0.9290	0.0511	0.0314	21	-0.12	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.9250	0.0100	0.9290	0.0511	0.0314	21	-0.08	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.9251	0.0049	0.9290	0.0511	0.0314	21	-0.08	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.9268	0.0060	0.9290	0.0511	0.0314	21	-0.04	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.9400	0.0600	0.9290	0.0511	0.0314	21	0.22	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.9480	0.0060	0.9290	0.0511	0.0314	21	0.37	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.9545	0.0370	0.9290	0.0511	0.0314	21	0.50	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.9600	0.0200	0.9290	0.0511	0.0314	21	0.61	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.9650	0.0100	0.9290	0.0511	0.0314	21	0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.9690	0.0360	0.9290	0.0511	0.0314	21	0.78	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.9850	0.0100	0.9290	0.0511	0.0314	21	1.10	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	1.060	0.1000	0.9290	0.0511	0.0314	21	2.56	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	1.165	0.0900	0.9290	0.0511	0.0314	21	4.62	13%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.4600	0.0000	0.9177	0.0592	0.0108	23	-7.73	25%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.7550	0.0100	0.9177	0.0592	0.0108	23	-2.75	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.43	Magnesium, ICP, Microwave (%)	0345	0.8595	0.0030	0.9177	0.0592	0.0108	23	-0.98	3%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.8700	0.0160	0.9177	0.0592	0.0108	23	-0.80	3%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.8705	0.0010	0.9177	0.0592	0.0108	23	-0.80	3%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.8750	0.0160	0.9177	0.0592	0.0108	23	-0.72	2%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.8800	0.0200	0.9177	0.0592	0.0108	23	-0.64	2%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.8800	0.0000	0.9177	0.0592	0.0108	23	-0.64	2%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.8900	0.0200	0.9177	0.0592	0.0108	23	-0.47	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.8950	0.0100	0.9177	0.0592	0.0108	23	-0.38	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.9100	0.0000	0.9177	0.0592	0.0108	23	-0.13	0%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.9155	0.0070	0.9177	0.0592	0.0108	23	-0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.9200	0.0000	0.9177	0.0592	0.0108	23	0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.9415	0.0250	0.9177	0.0592	0.0108	23	0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.9450	0.0100	0.9177	0.0592	0.0108	23	0.46	1%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.9525	0.0250	0.9177	0.0592	0.0108	23	0.59	2%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.9600	0.0200	0.9177	0.0592	0.0108	23	0.72	2%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.9600	0.0000	0.9177	0.0592	0.0108	23	0.72	2%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.9660	0.0361	0.9177	0.0592	0.0108	23	0.82	3%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.9700	0.0000	0.9177	0.0592	0.0108	23	0.88	3%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.9750	0.0100	0.9177	0.0592	0.0108	23	0.97	3%	0
027.43	Magnesium, ICP, Microwave (%)	0682	1.060	0.0000	0.9177	0.0592	0.0108	23	2.40	8%	0
027.43	Magnesium, ICP, Microwave (%)	2192	1.450	0.0200	0.9177	0.0592	0.0108	23	8.99	29%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.8500	0.0600	0.9177	0.0592	0.0108	23	-1.14	4%	1
027.44	Magnesium, ICP, Dry ash (%)	0039	1.022	0.2153				1			0
027.51	Magnesium, ICP-MS, Dry ash (%)	2146	0.9300	0.0000				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.8840	0.0120				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0016	0.8970	0.0520				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.9095	0.0010				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	2055	0.9361	0.0145	0.9584	0.0244	0.0401	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.9485	0.0770	0.9584	0.0244	0.0401	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.9525	0.0590	0.9584	0.0244	0.0401	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.9550	0.0500	0.9584	0.0244	0.0401	5			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	1.000	0.0000	0.9584	0.0244	0.0401	5			0
027.99	Magnesium, Miscellaneous (%)	0242	0.9100	0.0200	0.9525	0.0443	0.0300	4			0
027.99	Magnesium, Miscellaneous (%)	0590	0.9200	0.0000	0.9525	0.0443	0.0300	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.9800	0.0600	0.9525	0.0443	0.0300	4			0
027.99	Magnesium, Miscellaneous (%)	0889	1.000	0.0400	0.9525	0.0443	0.0300	4			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	996.0	14.00	1,082	63.67	13.84	11	-1.35	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	1,000	18.50	1,082	63.67	13.84	11	-1.29	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2146	1,051	36.00	1,082	63.67	13.84	11	-0.48	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	1,058	5.410	1,082	63.67	13.84	11	-0.38	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2062	1,070	9.500	1,082	63.67	13.84	11	-0.18	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	1,082	25.00	1,082	63.67	13.84	11	-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			
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	1,087	19.15	1,082	63.67	13.84	11	0.08	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	1,110	12.20	1,082	63.67	13.84	11	0.44	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2196	1,124	0.0000	1,082	63.67	13.84	11	0.65	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2097	1,146	0.1100	1,082	63.67	13.84	11	1.01	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2188	1,258	12.32	1,082	63.67	13.84	11	2.77	8%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	1,150	100.0	1,082	63.67	13.84	11	1.07	3%	1
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	1,117	0.0000				2			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	1,150	29.00				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	999.2	20.35				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	849.5	49.00	1,045	71.90	23.69	22	-2.72	9%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	938.5	15.00	1,045	71.90	23.69	22	-1.48	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	957.3	12.45	1,045	71.90	23.69	22	-1.22	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	963.6	15.35	1,045	71.90	23.69	22	-1.13	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	974.0	6.000	1,045	71.90	23.69	22	-0.99	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	976.9	45.75	1,045	71.90	23.69	22	-0.95	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	1,011	38.00	1,045	71.90	23.69	22	-0.47	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	1,013	20.17	1,045	71.90	23.69	22	-0.45	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	1,050	3.000	1,045	71.90	23.69	22	0.06	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	1,052	8.000	1,045	71.90	23.69	22	0.10	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	1,066	29.55	1,045	71.90	23.69	22	0.29	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	1,068	0.6200	1,045	71.90	23.69	22	0.33	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	1,069	11.00	1,045	71.90	23.69	22	0.33	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2145	1,077	21.80	1,045	71.90	23.69	22	0.45	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	1,079	28.00	1,045	71.90	23.69	22	0.47	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	1,084	7.000	1,045	71.90	23.69	22	0.54	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	1,092	70.00	1,045	71.90	23.69	22	0.65	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	1,094	58.00	1,045	71.90	23.69	22	0.68	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	1,098	4.000	1,045	71.90	23.69	22	0.74	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	1,106	55.00	1,045	71.90	23.69	22	0.84	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	1,133	0.0000	1,045	71.90	23.69	22	1.23	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	1,151	23.59	1,045	71.90	23.69	22	1.47	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	933.8	2.100	1,082	60.89	18.24	19	-2.43	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	1,005	32.00	1,082	60.89	18.24	19	-1.26	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	1,019	19.00	1,082	60.89	18.24	19	-1.04	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	1,027	8.050	1,082	60.89	18.24	19	-0.90	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	1,040	8.760	1,082	60.89	18.24	19	-0.68	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0263	1,044	0.6100	1,082	60.89	18.24	19	-0.62	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	1,055	10.00	1,082	60.89	18.24	19	-0.44	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	1,060	50.00	1,082	60.89	18.24	19	-0.36	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	1,077	10.00	1,082	60.89	18.24	19	-0.08	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	1,082	4.940	1,082	60.89	18.24	19	0.01	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	1,083	56.00	1,082	60.89	18.24	19	0.02	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			
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	1,091	6.400	1,082	60.89	18.24	19	0.16	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	1,120	40.00	1,082	60.89	18.24	19	0.63	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	1,123	38.00	1,082	60.89	18.24	19	0.68	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	1,125	30.00	1,082	60.89	18.24	19	0.71	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	1,136	2.000	1,082	60.89	18.24	19	0.89	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	1,138	3.500	1,082	60.89	18.24	19	0.93	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	1,164	25.00	1,082	60.89	18.24	19	1.34	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	1,315	0.2800	1,082	60.89	18.24	19	3.84	11%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	1,154	113.7	1,082	60.89	18.24	19	1.19	3%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	982.5	17.00	1,075	71.47	27.00	23	-1.30	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	983.0	19.90	1,075	71.47	27.00	23	-1.29	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	1,001	2.000	1,075	71.47	27.00	23	-1.04	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0028	1,006	28.13	1,075	71.47	27.00	23	-0.97	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	1,012	36.00	1,075	71.47	27.00	23	-0.89	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0505	1,012	2.000	1,075	71.47	27.00	23	-0.89	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	1,025	40.64	1,075	71.47	27.00	23	-0.71	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	1,033	4.000	1,075	71.47	27.00	23	-0.59	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	1,041	98.00	1,075	71.47	27.00	23	-0.48	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	1,043	4.000	1,075	71.47	27.00	23	-0.45	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	1,080	26.97	1,075	71.47	27.00	23	0.06	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	1,086	2.000	1,075	71.47	27.00	23	0.15	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	1,088	0.0000	1,075	71.47	27.00	23	0.18	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	1,090	40.00	1,075	71.47	27.00	23	0.20	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	1,095	70.00	1,075	71.47	27.00	23	0.27	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0017	1,105	19.39	1,075	71.47	27.00	23	0.42	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	1,119	12.00	1,075	71.47	27.00	23	0.61	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	1,130	31.00	1,075	71.47	27.00	23	0.77	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	1,132	30.00	1,075	71.47	27.00	23	0.79	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	1,139	23.17	1,075	71.47	27.00	23	0.88	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	1,167	22.63	1,075	71.47	27.00	23	1.28	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	1,184	61.00	1,075	71.47	27.00	23	1.51	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	1,232	31.15	1,075	71.47	27.00	23	2.19	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	279.0	4.000	1,075	71.47	27.00	23	-11.14	37%	2
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0039	1,167	279.9				1			0
028.51	Manganese, ICP-MS, Dry ash (mg / kg (ppm))	2146	1,050	28.00				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	1,056	30.00				3			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	1,076	8.000				3			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0016	1,120	80.00				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2192	677.0	61.45	1,054	76.87	35.44	6	-4.91	18%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	1,004	12.00	1,054	76.87	35.44	6	-0.65	2%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2055	1,082	11.20	1,054	76.87	35.44	6	0.36	1%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	1,093	24.00	1,054	76.87	35.44	6	0.51	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0939	1,102	94.00	1,054	76.87	35.44	6	0.62	2%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	1,105	10.00	1,054	76.87	35.44	6	0.66	2%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	1,064	39.00				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	1,135	59.00				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2129	1,141	196.0				3			0
031.00	Phosphorus, Vol (%)	0893	2.205	0.0100				1			0
031.01	Phosphorus, Photometric (%)	0108	1.535	0.0300	2.147	0.0904	0.0301	42	-6.77	14%	0
031.01	Phosphorus, Photometric (%)	0868	1.805	0.0700	2.147	0.0904	0.0301	42	-3.78	8%	0
031.01	Phosphorus, Photometric (%)	0874	1.888	0.0183	2.147	0.0904	0.0301	42	-2.86	6%	0
031.01	Phosphorus, Photometric (%)	2181	1.900	0.0200	2.147	0.0904	0.0301	42	-2.73	6%	0
031.01	Phosphorus, Photometric (%)	0884	1.915	0.0500	2.147	0.0904	0.0301	42	-2.57	5%	0
031.01	Phosphorus, Photometric (%)	2215	2.025	0.0300	2.147	0.0904	0.0301	42	-1.35	3%	0
031.01	Phosphorus, Photometric (%)	0687	2.035	0.1300	2.147	0.0904	0.0301	42	-1.24	3%	0
031.01	Phosphorus, Photometric (%)	0142	2.057	0.0360	2.147	0.0904	0.0301	42	-0.99	2%	0
031.01	Phosphorus, Photometric (%)	0881	2.079	0.0200	2.147	0.0904	0.0301	42	-0.75	2%	0
031.01	Phosphorus, Photometric (%)	0651	2.080	0.0000	2.147	0.0904	0.0301	42	-0.74	2%	0
031.01	Phosphorus, Photometric (%)	0016	2.105	0.0300	2.147	0.0904	0.0301	42	-0.46	1%	0
031.01	Phosphorus, Photometric (%)	0511	2.115	0.0100	2.147	0.0904	0.0301	42	-0.35	1%	0
031.01	Phosphorus, Photometric (%)	2144	2.115	0.0100	2.147	0.0904	0.0301	42	-0.35	1%	0
031.01	Phosphorus, Photometric (%)	2199	2.130	0.0200	2.147	0.0904	0.0301	42	-0.19	0%	0
031.01	Phosphorus, Photometric (%)	2062	2.135	0.0100	2.147	0.0904	0.0301	42	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	2190	2.137	0.0502	2.147	0.0904	0.0301	42	-0.11	0%	0
031.01	Phosphorus, Photometric (%)	2006	2.144	0.0270	2.147	0.0904	0.0301	42	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	0689	2.145	0.0100	2.147	0.0904	0.0301	42	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	2097	2.148	0.0014	2.147	0.0904	0.0301	42	0.02	0%	0
031.01	Phosphorus, Photometric (%)	2200	2.150	0.1000	2.147	0.0904	0.0301	42	0.04	0%	0
031.01	Phosphorus, Photometric (%)	0948	2.155	0.0450	2.147	0.0904	0.0301	42	0.09	0%	0
031.01	Phosphorus, Photometric (%)	0849	2.159	0.0020	2.147	0.0904	0.0301	42	0.13	0%	0
031.01	Phosphorus, Photometric (%)	2188	2.160	0.0400	2.147	0.0904	0.0301	42	0.15	0%	0
031.01	Phosphorus, Photometric (%)	2192	2.160	0.0600	2.147	0.0904	0.0301	42	0.15	0%	0
031.01	Phosphorus, Photometric (%)	0626	2.166	0.0270	2.147	0.0904	0.0301	42	0.21	0%	0
031.01	Phosphorus, Photometric (%)	0175	2.170	0.0000	2.147	0.0904	0.0301	42	0.26	1%	0
031.01	Phosphorus, Photometric (%)	0354	2.170	0.0000	2.147	0.0904	0.0301	42	0.26	1%	0
031.01	Phosphorus, Photometric (%)	0683	2.170	0.0400	2.147	0.0904	0.0301	42	0.26	1%	0
031.01	Phosphorus, Photometric (%)	0897	2.170	0.0000	2.147	0.0904	0.0301	42	0.26	1%	0
031.01	Phosphorus, Photometric (%)	2009	2.175	0.0008	2.147	0.0904	0.0301	42	0.31	1%	0
031.01	Phosphorus, Photometric (%)	2193	2.180	0.0400	2.147	0.0904	0.0301	42	0.37	1%	0
031.01	Phosphorus, Photometric (%)	2196	2.190	0.0000	2.147	0.0904	0.0301	42	0.48	1%	0
031.01	Phosphorus, Photometric (%)	0878	2.200	0.0400	2.147	0.0904	0.0301	42	0.59	1%	0
031.01	Phosphorus, Photometric (%)	2126	2.220	0.0200	2.147	0.0904	0.0301	42	0.81	2%	0
031.01	Phosphorus, Photometric (%)	0590	2.225	0.0500	2.147	0.0904	0.0301	42	0.87	2%	0
031.01	Phosphorus, Photometric (%)	0629	2.225	0.0500	2.147	0.0904	0.0301	42	0.87	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	2195	2.225	0.0100	2.147	0.0904	0.0301	42	0.87	2%	0
031.01	Phosphorus, Photometric (%)	2198	2.270	0.0200	2.147	0.0904	0.0301	42	1.36	3%	0
031.01	Phosphorus, Photometric (%)	0885	2.276	0.0122	2.147	0.0904	0.0301	42	1.43	3%	0
031.01	Phosphorus, Photometric (%)	0018	2.280	0.0800	2.147	0.0904	0.0301	42	1.47	3%	0
031.01	Phosphorus, Photometric (%)	2022	2.300	0.0000	2.147	0.0904	0.0301	42	1.69	4%	0
031.01	Phosphorus, Photometric (%)	2031	3.096	0.0531	2.147	0.0904	0.0301	42	10.51	22%	0
031.01	Phosphorus, Photometric (%)	2128	1.602	0.5040	2.147	0.0904	0.0301	42	-6.03	13%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	2.155	0.0100				2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	2.240	0.0200				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	2.185	0.0320	2.230	0.0494	0.0369	4			0
031.03	Phosphorus, Autoanalyzer (%)	0036	2.199	0.0054	2.230	0.0494	0.0369	4			0
031.03	Phosphorus, Autoanalyzer (%)	0169	2.240	0.0600	2.230	0.0494	0.0369	4			0
031.03	Phosphorus, Autoanalyzer (%)	0504	2.295	0.0500	2.230	0.0494	0.0369	4			0
031.06	Phosphorus, Hach Method (%)	0536	2.165	0.0300				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0848	1.185	0.0100	2.141	0.1572	0.0442	24	-6.08	22%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.855	0.0900	2.141	0.1572	0.0442	24	-1.82	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	1.960	0.0200	2.141	0.1572	0.0442	24	-1.15	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	1.970	0.0200	2.141	0.1572	0.0442	24	-1.09	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	2.040	0.0200	2.141	0.1572	0.0442	24	-0.64	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	2.060	0.0400	2.141	0.1572	0.0442	24	-0.51	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	2.080	0.0200	2.141	0.1572	0.0442	24	-0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	2.092	0.0110	2.141	0.1572	0.0442	24	-0.31	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	2.100	0.1000	2.141	0.1572	0.0442	24	-0.26	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	2.100	0.0200	2.141	0.1572	0.0442	24	-0.26	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	2.103	0.0568	2.141	0.1572	0.0442	24	-0.24	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	2.105	0.0100	2.141	0.1572	0.0442	24	-0.23	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	2.110	0.0800	2.141	0.1572	0.0442	24	-0.20	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	2.125	0.1100	2.141	0.1572	0.0442	24	-0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	2.180	0.0000	2.141	0.1572	0.0442	24	0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	2.190	0.0400	2.141	0.1572	0.0442	24	0.31	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	2.195	0.0100	2.141	0.1572	0.0442	24	0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	2.205	0.0300	2.141	0.1572	0.0442	24	0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2145	2.232	0.0223	2.141	0.1572	0.0442	24	0.58	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	2.248	0.0120	2.141	0.1572	0.0442	24	0.68	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	2.355	0.0100	2.141	0.1572	0.0442	24	1.36	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	2.367	0.1660	2.141	0.1572	0.0442	24	1.44	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	2.380	0.1600	2.141	0.1572	0.0442	24	1.52	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	2.389	0.0030	2.141	0.1572	0.0442	24	1.58	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	2.020	0.2400	2.141	0.1572	0.0442	24	-0.77	3%	1
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.845	0.0100	2.131	0.0774	0.0376	19	-3.70	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	1.920	0.0600	2.131	0.0774	0.0376	19	-2.73	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	2.017	0.0706	2.131	0.0774	0.0376	19	-1.48	3%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.42	Phosphorus, ICP, Open vessel (%)	0726	2.059	0.0100	2.131	0.0774	0.0376	19	-0.93	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	2.096	0.0038	2.131	0.0774	0.0376	19	-0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	2.115	0.0300	2.131	0.0774	0.0376	19	-0.21	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	2.121	0.0167	2.131	0.0774	0.0376	19	-0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	2.130	0.0600	2.131	0.0774	0.0376	19	-0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	2.130	0.0000	2.131	0.0774	0.0376	19	-0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	2.138	0.0150	2.131	0.0774	0.0376	19	0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	2.155	0.1500	2.131	0.0774	0.0376	19	0.30	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	2.155	0.0100	2.131	0.0774	0.0376	19	0.30	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	2.155	0.1100	2.131	0.0774	0.0376	19	0.30	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	2.155	0.0300	2.131	0.0774	0.0376	19	0.30	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	2.165	0.0100	2.131	0.0774	0.0376	19	0.43	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	2.175	0.0450	2.131	0.0774	0.0376	19	0.56	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	2.223	0.0024	2.131	0.0774	0.0376	19	1.19	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	2.230	0.0200	2.131	0.0774	0.0376	19	1.27	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	2.360	0.0600	2.131	0.0774	0.0376	19	2.95	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	2.075	0.2100	2.131	0.0774	0.0376	19	-0.73	1%	1
031.43	Phosphorus, ICP, Microwave (%)	0345	1.990	0.0400	2.168	0.1255	0.0419	24	-1.42	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	2.000	0.0400	2.168	0.1255	0.0419	24	-1.34	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	2.050	0.0020	2.168	0.1255	0.0419	24	-0.94	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	2.055	0.0700	2.168	0.1255	0.0419	24	-0.90	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	2.059	0.0400	2.168	0.1255	0.0419	24	-0.87	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	2.075	0.1100	2.168	0.1255	0.0419	24	-0.74	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	2.084	0.0790	2.168	0.1255	0.0419	24	-0.67	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	2.110	0.0200	2.168	0.1255	0.0419	24	-0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	2.112	0.0400	2.168	0.1255	0.0419	24	-0.45	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	2.120	0.0400	2.168	0.1255	0.0419	24	-0.38	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	2.125	0.0700	2.168	0.1255	0.0419	24	-0.34	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	2.145	0.0100	2.168	0.1255	0.0419	24	-0.18	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	2.160	0.0354	2.168	0.1255	0.0419	24	-0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	2.185	0.0010	2.168	0.1255	0.0419	24	0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	2.193	0.0612	2.168	0.1255	0.0419	24	0.20	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	2.205	0.0300	2.168	0.1255	0.0419	24	0.30	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	2.210	0.0800	2.168	0.1255	0.0419	24	0.34	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	2.230	0.0000	2.168	0.1255	0.0419	24	0.50	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	2.260	0.0000	2.168	0.1255	0.0419	24	0.73	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	2.278	0.0660	2.168	0.1255	0.0419	24	0.88	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	2.315	0.0100	2.168	0.1255	0.0419	24	1.17	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	2.380	0.0200	2.168	0.1255	0.0419	24	1.69	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	2.460	0.0800	2.168	0.1255	0.0419	24	2.33	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	2.560	0.0600	2.168	0.1255	0.0419	24	3.12	9%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	2.240	0.2200	2.168	0.1255	0.0419	24	0.57	2%	1

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031.44	Phosphorus, ICP, Dry ash (%)	0653	1.928	0.0160				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0039	2.175	0.0090				2			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	2.215	0.0100				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	1.985	0.0300				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2055	2.105	0.0173	2.241	0.0918	0.0296	6	-1.48	3%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	2.200	0.0200	2.241	0.0918	0.0296	6	-0.44	1%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0300	2.225	0.0500	2.241	0.0918	0.0296	6	-0.17	0%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	2.300	0.0200	2.241	0.0918	0.0296	6	0.64	1%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	2.305	0.0500	2.241	0.0918	0.0296	6	0.70	1%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	2.310	0.0200	2.241	0.0918	0.0296	6	0.75	2%	0
031.99	Phosphorus, Miscellaneous (%)	0852	1.625	0.0500	1.945	0.2377	0.0254	5			0
031.99	Phosphorus, Miscellaneous (%)	0889	1.755	0.0100	1.945	0.2377	0.0254	5			0
031.99	Phosphorus, Miscellaneous (%)	0242	2.105	0.0100	1.945	0.2377	0.0254	5			0
031.99	Phosphorus, Miscellaneous (%)	0676	2.117	0.0070	1.945	0.2377	0.0254	5			0
031.99	Phosphorus, Miscellaneous (%)	0100	2.125	0.0500	1.945	0.2377	0.0254	5			0
032.02	Potassium, Flame Emission (%)	0504	1.410	0.0000				1			0
032.31	Potassium, AAS, Dry ash (%)	0536	1.300	0.0400	1.426	0.1087	0.0167	11	-1.15	4%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.315	0.0100	1.426	0.1087	0.0167	11	-1.02	4%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.340	0.0200	1.426	0.1087	0.0167	11	-0.79	3%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.355	0.0300	1.426	0.1087	0.0167	11	-0.65	2%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.385	0.0100	1.426	0.1087	0.0167	11	-0.37	1%	0
032.31	Potassium, AAS, Dry ash (%)	2097	1.424	0.0048	1.426	0.1087	0.0167	11	-0.01	0%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.435	0.0100	1.426	0.1087	0.0167	11	0.09	0%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.490	0.0200	1.426	0.1087	0.0167	11	0.59	2%	0
032.31	Potassium, AAS, Dry ash (%)	2146	1.510	0.0000	1.426	0.1087	0.0167	11	0.78	3%	0
032.31	Potassium, AAS, Dry ash (%)	0683	1.545	0.0100	1.426	0.1087	0.0167	11	1.10	4%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.582	0.0290	1.426	0.1087	0.0167	11	1.43	5%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.508	0.0911	1.426	0.1087	0.0167	11	0.76	3%	1
032.32	Potassium, AAS, Open vessel (%)	2216	1.324	0.0110				2			0
032.32	Potassium, AAS, Open vessel (%)	0169	1.465	0.0100				2			0
032.33	Potassium, AAS, Microwave (%)	0612	1.605	0.0300				1			0
032.41	Potassium, ICP, Dry ash (%)	0653	1.225	0.0290	1.428	0.1123	0.0543	24	-1.81	7%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.315	0.0900	1.428	0.1123	0.0543	24	-1.00	4%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.335	0.0900	1.428	0.1123	0.0543	24	-0.83	3%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.335	0.0100	1.428	0.1123	0.0543	24	-0.83	3%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.345	0.1700	1.428	0.1123	0.0543	24	-0.74	3%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.350	0.0200	1.428	0.1123	0.0543	24	-0.69	3%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.350	0.0200	1.428	0.1123	0.0543	24	-0.69	3%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.365	0.0700	1.428	0.1123	0.0543	24	-0.56	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.370	0.0600	1.428	0.1123	0.0543	24	-0.52	2%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.384	0.0100	1.428	0.1123	0.0543	24	-0.39	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.385	0.0118	1.428	0.1123	0.0543	24	-0.38	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			
032.41	Potassium, ICP, Dry ash (%)	0878	1.390	0.0400	1.428	0.1123	0.0543	24	-0.34	1%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.395	0.0300	1.428	0.1123	0.0543	24	-0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.410	0.0200	1.428	0.1123	0.0543	24	-0.16	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.420	0.0200	1.428	0.1123	0.0543	24	-0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.470	0.0200	1.428	0.1123	0.0543	24	0.37	1%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.485	0.0500	1.428	0.1123	0.0543	24	0.51	2%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.490	0.0000	1.428	0.1123	0.0543	24	0.55	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.523	0.0140	1.428	0.1123	0.0543	24	0.85	3%	0
032.41	Potassium, ICP, Dry ash (%)	0720	1.535	0.0100	1.428	0.1123	0.0543	24	0.95	4%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.570	0.0800	1.428	0.1123	0.0543	24	1.27	5%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.595	0.2100	1.428	0.1123	0.0543	24	1.49	6%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.607	0.0270	1.428	0.1123	0.0543	24	1.59	6%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.715	0.2010	1.428	0.1123	0.0543	24	2.55	10%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.355	0.0300	1.433	0.0458	0.0238	20	-1.70	3%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.365	0.0700	1.433	0.0458	0.0238	20	-1.48	2%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.380	0.0000	1.433	0.0458	0.0238	20	-1.16	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.395	0.0300	1.433	0.0458	0.0238	20	-0.83	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.400	0.0200	1.433	0.0458	0.0238	20	-0.72	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.415	0.0300	1.433	0.0458	0.0238	20	-0.39	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.416	0.0750	1.433	0.0458	0.0238	20	-0.38	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.425	0.0100	1.433	0.0458	0.0238	20	-0.17	0%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.426	0.0020	1.433	0.0458	0.0238	20	-0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.433	0.0040	1.433	0.0458	0.0238	20	0.01	0%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.435	0.0300	1.433	0.0458	0.0238	20	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.435	0.0300	1.433	0.0458	0.0238	20	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.445	0.0115	1.433	0.0458	0.0238	20	0.25	0%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.446	0.0280	1.433	0.0458	0.0238	20	0.28	0%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.446	0.0109	1.433	0.0458	0.0238	20	0.29	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.466	0.0055	1.433	0.0458	0.0238	20	0.73	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.485	0.0100	1.433	0.0458	0.0238	20	1.14	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.485	0.0100	1.433	0.0458	0.0238	20	1.14	2%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.495	0.0500	1.433	0.0458	0.0238	20	1.35	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.600	0.0200	1.433	0.0458	0.0238	20	3.65	6%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.240	0.0200	1.432	0.0694	0.0210	26	-2.77	7%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.355	0.0300	1.432	0.0694	0.0210	26	-1.11	3%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.355	0.0100	1.432	0.0694	0.0210	26	-1.11	3%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.359	0.0250	1.432	0.0694	0.0210	26	-1.06	3%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.380	0.0074	1.432	0.0694	0.0210	26	-0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.382	0.0090	1.432	0.0694	0.0210	26	-0.73	2%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.390	0.0200	1.432	0.0694	0.0210	26	-0.61	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.390	0.0200	1.432	0.0694	0.0210	26	-0.61	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.395	0.0100	1.432	0.0694	0.0210	26	-0.53	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0297	1.405	0.0100	1.432	0.0694	0.0210	26	-0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.405	0.0300	1.432	0.0694	0.0210	26	-0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.415	0.0300	1.432	0.0694	0.0210	26	-0.25	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.420	0.0400	1.432	0.0694	0.0210	26	-0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.420	0.0400	1.432	0.0694	0.0210	26	-0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.430	0.0200	1.432	0.0694	0.0210	26	-0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.440	0.0000	1.432	0.0694	0.0210	26	0.11	0%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.447	0.0160	1.432	0.0694	0.0210	26	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.461	0.0610	1.432	0.0694	0.0210	26	0.41	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.470	0.0000	1.432	0.0694	0.0210	26	0.55	1%	0
032.43	Potassium, ICP, Microwave (%)	0028	1.475	0.0100	1.432	0.0694	0.0210	26	0.62	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.475	0.0316	1.432	0.0694	0.0210	26	0.62	1%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.495	0.0500	1.432	0.0694	0.0210	26	0.91	2%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.535	0.0300	1.432	0.0694	0.0210	26	1.48	4%	0
032.43	Potassium, ICP, Microwave (%)	0089	1.545	0.0100	1.432	0.0694	0.0210	26	1.63	4%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.589	0.0060	1.432	0.0694	0.0210	26	2.26	5%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.595	0.0100	1.432	0.0694	0.0210	26	2.35	6%	0
032.44	Potassium, ICP, Dry ash (%)	0039	1.377	0.0400				1			0
032.51	Potassium, ICP-MS, Dry ash (%)	2146	1.405	0.0100				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0016	1.235	0.0700				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.360	0.0200				2			0
032.53	Potassium, ICP-MS, Microwave (%)	2055	1.392	0.0465	1.458	0.0705	0.0966	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.410	0.1000	1.458	0.0705	0.0966	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.485	0.0100	1.458	0.0705	0.0966	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.545	0.2300	1.458	0.0705	0.0966	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	2.000	0.0000	1.458	0.0705	0.0966	4			2
032.99	Potassium, Miscellaneous (%)	0889	0.3300	0.0200	1.366	0.1435	0.0300	6	-7.22	38%	0
032.99	Potassium, Miscellaneous (%)	0881	1.314	0.0130	1.366	0.1435	0.0300	6	-0.36	2%	0
032.99	Potassium, Miscellaneous (%)	0590	1.380	0.0200	1.366	0.1435	0.0300	6	0.10	1%	0
032.99	Potassium, Miscellaneous (%)	0100	1.390	0.0800	1.366	0.1435	0.0300	6	0.17	1%	0
032.99	Potassium, Miscellaneous (%)	0001	1.436	0.0170	1.366	0.1435	0.0300	6	0.49	3%	0
032.99	Potassium, Miscellaneous (%)	0242	1.525	0.0300	1.366	0.1435	0.0300	6	1.11	6%	0
033.00	Salt as chloride, Sol Cl (%)	2193	3.805	0.0900	4.741	0.2409	0.0427	23	-3.89	10%	0
033.00	Salt as chloride, Sol Cl (%)	0171	4.095	0.0300	4.741	0.2409	0.0427	23	-2.68	7%	0
033.00	Salt as chloride, Sol Cl (%)	0881	4.135	0.0180	4.741	0.2409	0.0427	23	-2.52	6%	0
033.00	Salt as chloride, Sol Cl (%)	0539	4.465	0.0700	4.741	0.2409	0.0427	23	-1.15	3%	0
033.00	Salt as chloride, Sol Cl (%)	0893	4.495	0.0100	4.741	0.2409	0.0427	23	-1.02	3%	0
033.00	Salt as chloride, Sol Cl (%)	0353	4.565	0.0100	4.741	0.2409	0.0427	23	-0.73	2%	0
033.00	Salt as chloride, Sol Cl (%)	0884	4.580	0.0400	4.741	0.2409	0.0427	23	-0.67	2%	0
033.00	Salt as chloride, Sol Cl (%)	2009	4.743	0.0063	4.741	0.2409	0.0427	23	0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	0169	4.760	0.0200	4.741	0.2409	0.0427	23	0.08	0%	0
033.00	Salt as chloride, Sol Cl (%)	0878	4.760	0.0400	4.741	0.2409	0.0427	23	0.08	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			
033.00	Salt as chloride, Sol Cl (%)	0897	4.760	0.0200	4.741	0.2409	0.0427	23	0.08	0%	0
033.00	Salt as chloride, Sol Cl (%)	0298	4.770	0.0200	4.741	0.2409	0.0427	23	0.12	0%	0
033.00	Salt as chloride, Sol Cl (%)	0885	4.784	0.0150	4.741	0.2409	0.0427	23	0.18	0%	0
033.00	Salt as chloride, Sol Cl (%)	2196	4.810	0.0000	4.741	0.2409	0.0427	23	0.29	1%	0
033.00	Salt as chloride, Sol Cl (%)	0675	4.810	0.1200	4.741	0.2409	0.0427	23	0.29	1%	0
033.00	Salt as chloride, Sol Cl (%)	2190	4.842	0.1477	4.741	0.2409	0.0427	23	0.42	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	4.894	0.0261	4.741	0.2409	0.0427	23	0.64	2%	0
033.00	Salt as chloride, Sol Cl (%)	2145	4.895	0.0100	4.741	0.2409	0.0427	23	0.64	2%	0
033.00	Salt as chloride, Sol Cl (%)	0045	4.945	0.1500	4.741	0.2409	0.0427	23	0.85	2%	0
033.00	Salt as chloride, Sol Cl (%)	2062	4.945	0.0100	4.741	0.2409	0.0427	23	0.85	2%	0
033.00	Salt as chloride, Sol Cl (%)	2022	4.965	0.0500	4.741	0.2409	0.0427	23	0.93	2%	0
033.00	Salt as chloride, Sol Cl (%)	0511	5.010	0.0800	4.741	0.2409	0.0427	23	1.12	3%	0
033.00	Salt as chloride, Sol Cl (%)	2076	5.580	0.0000	4.741	0.2409	0.0427	23	3.48	9%	0
033.00	Salt as chloride, Sol Cl (%)	0693	4.894	0.4840	4.741	0.2409	0.0427	23	0.64	2%	1
033.01	Salt as chloride, Poten Cl (%)	0619	4.630	0.0600	4.921	0.1013	0.0651	36	-2.87	3%	0
033.01	Salt as chloride, Poten Cl (%)	0019	4.765	0.1700	4.921	0.1013	0.0651	36	-1.53	2%	0
033.01	Salt as chloride, Poten Cl (%)	0083	4.765	0.0700	4.921	0.1013	0.0651	36	-1.53	2%	0
033.01	Salt as chloride, Poten Cl (%)	0510	4.770	0.0000	4.921	0.1013	0.0651	36	-1.49	2%	0
033.01	Salt as chloride, Poten Cl (%)	0003	4.800	0.0000	4.921	0.1013	0.0651	36	-1.19	1%	0
033.01	Salt as chloride, Poten Cl (%)	2146	4.815	0.0700	4.921	0.1013	0.0651	36	-1.04	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	4.845	0.1500	4.921	0.1013	0.0651	36	-0.75	1%	0
033.01	Salt as chloride, Poten Cl (%)	0650	4.865	0.0700	4.921	0.1013	0.0651	36	-0.55	1%	0
033.01	Salt as chloride, Poten Cl (%)	0199	4.870	0.0200	4.921	0.1013	0.0651	36	-0.50	1%	0
033.01	Salt as chloride, Poten Cl (%)	0001	4.875	0.0300	4.921	0.1013	0.0651	36	-0.45	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	4.875	0.0100	4.921	0.1013	0.0651	36	-0.45	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	4.890	0.0200	4.921	0.1013	0.0651	36	-0.30	0%	0
033.01	Salt as chloride, Poten Cl (%)	0028	4.895	0.2300	4.921	0.1013	0.0651	36	-0.25	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	4.895	0.0900	4.921	0.1013	0.0651	36	-0.25	0%	0
033.01	Salt as chloride, Poten Cl (%)	0644	4.896	0.0013	4.921	0.1013	0.0651	36	-0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	4.905	0.0500	4.921	0.1013	0.0651	36	-0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0010	4.910	0.0400	4.921	0.1013	0.0651	36	-0.10	0%	0
033.01	Salt as chloride, Poten Cl (%)	0036	4.913	0.0496	4.921	0.1013	0.0651	36	-0.08	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	4.925	0.0010	4.921	0.1013	0.0651	36	0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	4.925	0.0900	4.921	0.1013	0.0651	36	0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	4.925	0.0100	4.921	0.1013	0.0651	36	0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	4.930	0.0400	4.921	0.1013	0.0651	36	0.09	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	4.935	0.0300	4.921	0.1013	0.0651	36	0.14	0%	0
033.01	Salt as chloride, Poten Cl (%)	0629	4.935	0.0300	4.921	0.1013	0.0651	36	0.14	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	4.950	0.0000	4.921	0.1013	0.0651	36	0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	4.970	0.0200	4.921	0.1013	0.0651	36	0.49	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	4.980	0.0400	4.921	0.1013	0.0651	36	0.59	1%	0
033.01	Salt as chloride, Poten Cl (%)	0186	4.990	0.0600	4.921	0.1013	0.0651	36	0.69	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Poten Cl (%)	0407	4.990	0.0860	4.921	0.1013	0.0651	36	0.69	1%	0
033.01	Salt as chloride, Poten Cl (%)	0861	5.000	0.1200	4.921	0.1013	0.0651	36	0.78	1%	0
033.01	Salt as chloride, Poten Cl (%)	0964	5.010	0.1570	4.921	0.1013	0.0651	36	0.88	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	5.060	0.2000	4.921	0.1013	0.0651	36	1.38	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	5.075	0.0100	4.921	0.1013	0.0651	36	1.52	2%	0
033.01	Salt as chloride, Poten Cl (%)	0874	5.080	0.0000	4.921	0.1013	0.0651	36	1.57	2%	0
033.01	Salt as chloride, Poten Cl (%)	0205	5.110	0.2800	4.921	0.1013	0.0651	36	1.87	2%	0
033.01	Salt as chloride, Poten Cl (%)	0425	5.520	0.0400	4.921	0.1013	0.0651	36	5.91	6%	0
033.03	Salt as chloride, Quantab (%)	0656	4.285	0.0100	4.795	0.3507	0.0100	5			0
033.03	Salt as chloride, Quantab (%)	0265	4.580	0.0400	4.795	0.3507	0.0100	5			0
033.03	Salt as chloride, Quantab (%)	0144	4.990	0.0000	4.795	0.3507	0.0100	5			0
033.03	Salt as chloride, Quantab (%)	0726	5.000	0.0000	4.795	0.3507	0.0100	5			0
033.03	Salt as chloride, Quantab (%)	0190	5.120	0.0000	4.795	0.3507	0.0100	5			0
033.03	Salt as chloride, Quantab (%)	0505	5.205	0.4100	4.795	0.3507	0.0100	5			1
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	4.330	0.0000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	4.835	0.0500				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	5.595	0.1900				3			0
033.99	Salt, Miscellaneous (%)	0910	0.5050	0.0300	4.264	0.8665	0.0420	8	-4.34	44%	0
033.99	Salt, Miscellaneous (%)	0358	3.425	0.0500	4.264	0.8665	0.0420	8	-0.97	10%	0
033.99	Salt, Miscellaneous (%)	0536	3.920	0.0200	4.264	0.8665	0.0420	8	-0.40	4%	0
033.99	Salt, Miscellaneous (%)	0017	4.386	0.1340	4.264	0.8665	0.0420	8	0.14	1%	0
033.99	Salt, Miscellaneous (%)	0027	4.540	0.0120	4.264	0.8665	0.0420	8	0.32	3%	0
033.99	Salt, Miscellaneous (%)	2181	4.845	0.0700	4.264	0.8665	0.0420	8	0.67	7%	0
033.99	Salt, Miscellaneous (%)	2073	4.920	0.0200	4.264	0.8665	0.0420	8	0.76	8%	0
033.99	Salt, Miscellaneous (%)	0682	5.110	0.0000	4.264	0.8665	0.0420	8	0.98	10%	0
033.99	Salt, Miscellaneous (%)	0853	5.000	0.6000	4.264	0.8665	0.0420	8	0.85	9%	1
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	9.623	0.3536				3			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	9.715	0.0700				3			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	10.15	0.1000				3			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0035	11.45	1.460				3			1
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	0.2650	0.1500				3			2
034.31	Selenium, AAS, Dry ash (mg / kg (ppm))	2195	4.355	0.6900				1			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	5.880	0.0400				2			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0148	8.695	0.8300				2			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	9.850	0.5000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0629	8.720	0.5800	10.14	1.763	0.5894	6	-0.80	7%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	8.828	0.9402	10.14	1.763	0.5894	6	-0.74	6%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0407	9.090	1.000	10.14	1.763	0.5894	6	-0.59	5%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0968	10.14	0.1380	10.14	1.763	0.5894	6	0.00	0%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0036	11.75	0.1000	10.14	1.763	0.5894	6	0.92	8%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0027	12.30	0.7780	10.14	1.763	0.5894	6	1.23	11%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	8.290	0.5000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0016	8.345	0.2500				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	10.01	0.1800				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	8.565	0.0500	10.17	1.125	0.3334	11	-1.42	8%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	8.830	0.1600	10.17	1.125	0.3334	11	-1.19	7%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0033	9.495	0.1700	10.17	1.125	0.3334	11	-0.60	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	9.770	0.1800	10.17	1.125	0.3334	11	-0.35	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0164	9.910	0.3800	10.17	1.125	0.3334	11	-0.23	1%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0939	10.11	0.9300	10.17	1.125	0.3334	11	-0.05	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0003	10.49	0.3300	10.17	1.125	0.3334	11	0.28	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	10.72	0.4200	10.17	1.125	0.3334	11	0.49	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0560	11.00	0.1520	10.17	1.125	0.3334	11	0.74	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	11.10	0.4290	10.17	1.125	0.3334	11	0.83	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2012	12.50	0.4660	10.17	1.125	0.3334	11	2.08	11%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	8.400	0.1000				2			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0171	12.25	1.100				2			0
035.01	Sodium, Ion-selective electrode (%)	0868	1.706	0.0250				2			0
035.01	Sodium, Ion-selective electrode (%)	2006	1.876	0.0100				2			0
035.05	Sodium, Flame Emission (%)	0037	1.695	0.0300				3			0
035.05	Sodium, Flame Emission (%)	0504	1.780	0.0200				3			0
035.05	Sodium, Flame Emission (%)	2215	1.830	0.0000				3			0
035.05	Sodium, Flame Emission (%)	0108	2.770	0.0800				3			2
035.31	Sodium, AAS, Dry ash (%)	2097	1.552	0.0282	1.705	0.0867	0.0234	12	-1.78	5%	0
035.31	Sodium, AAS, Dry ash (%)	0629	1.620	0.0400	1.705	0.0867	0.0234	12	-0.99	3%	0
035.31	Sodium, AAS, Dry ash (%)	0142	1.642	0.0436	1.705	0.0867	0.0234	12	-0.74	2%	0
035.31	Sodium, AAS, Dry ash (%)	0175	1.680	0.0400	1.705	0.0867	0.0234	12	-0.29	1%	0
035.31	Sodium, AAS, Dry ash (%)	2196	1.680	0.0000	1.705	0.0867	0.0234	12	-0.29	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	1.694	0.0090	1.705	0.0867	0.0234	12	-0.14	0%	0
035.31	Sodium, AAS, Dry ash (%)	0683	1.705	0.0500	1.705	0.0867	0.0234	12	-0.01	0%	0
035.31	Sodium, AAS, Dry ash (%)	0868	1.705	0.0300	1.705	0.0867	0.0234	12	-0.01	0%	0
035.31	Sodium, AAS, Dry ash (%)	0874	1.740	0.0200	1.705	0.0867	0.0234	12	0.40	1%	0
035.31	Sodium, AAS, Dry ash (%)	2146	1.780	0.0000	1.705	0.0867	0.0234	12	0.86	2%	0
035.31	Sodium, AAS, Dry ash (%)	0354	1.810	0.0200	1.705	0.0867	0.0234	12	1.21	3%	0
035.31	Sodium, AAS, Dry ash (%)	2126	1.860	0.0000	1.705	0.0867	0.0234	12	1.78	5%	0
035.31	Sodium, AAS, Dry ash (%)	0536	1.350	0.4600	1.705	0.0867	0.0234	12	-4.10	10%	1
035.32	Sodium, AAS, Open vessel (%)	2216	1.567	0.1290				2			0
035.32	Sodium, AAS, Open vessel (%)	0169	1.770	0.0000				2			0
035.33	Sodium, AAS, Microwave (%)	0300	1.800	0.0600				1			0
035.41	Sodium, ICP, Dry ash (%)	0358	1.350	0.0200	1.658	0.1170	0.0407	22	-2.64	9%	0
035.41	Sodium, ICP, Dry ash (%)	0619	1.495	0.0500	1.658	0.1170	0.0407	22	-1.40	5%	0
035.41	Sodium, ICP, Dry ash (%)	0298	1.510	0.0200	1.658	0.1170	0.0407	22	-1.27	4%	0
035.41	Sodium, ICP, Dry ash (%)	0653	1.539	0.0000	1.658	0.1170	0.0407	22	-1.02	4%	0
035.41	Sodium, ICP, Dry ash (%)	0407	1.550	0.0972	1.658	0.1170	0.0407	22	-0.93	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.41	Sodium, ICP, Dry ash (%)	2012	1.595	0.0100	1.658	0.1170	0.0407	22	-0.54	2%	0
035.41	Sodium, ICP, Dry ash (%)	0720	1.600	0.0200	1.658	0.1170	0.0407	22	-0.50	2%	0
035.41	Sodium, ICP, Dry ash (%)	0164	1.635	0.0100	1.658	0.1170	0.0407	22	-0.20	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	1.635	0.0100	1.658	0.1170	0.0407	22	-0.20	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	1.645	0.1300	1.658	0.1170	0.0407	22	-0.11	0%	0
035.41	Sodium, ICP, Dry ash (%)	0520	1.652	0.1271	1.658	0.1170	0.0407	22	-0.05	0%	0
035.41	Sodium, ICP, Dry ash (%)	0598	1.665	0.0500	1.658	0.1170	0.0407	22	0.06	0%	0
035.41	Sodium, ICP, Dry ash (%)	0511	1.685	0.0100	1.658	0.1170	0.0407	22	0.23	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	1.690	0.0600	1.658	0.1170	0.0407	22	0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	1.690	0.0000	1.658	0.1170	0.0407	22	0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0019	1.705	0.0700	1.658	0.1170	0.0407	22	0.40	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	1.740	0.0560	1.658	0.1170	0.0407	22	0.70	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	1.750	0.0400	1.658	0.1170	0.0407	22	0.78	3%	0
035.41	Sodium, ICP, Dry ash (%)	0405	1.760	0.0000	1.658	0.1170	0.0407	22	0.87	3%	0
035.41	Sodium, ICP, Dry ash (%)	0878	1.790	0.0400	1.658	0.1170	0.0407	22	1.13	4%	0
035.41	Sodium, ICP, Dry ash (%)	0139	1.925	0.0360	1.658	0.1170	0.0407	22	2.28	8%	0
035.41	Sodium, ICP, Dry ash (%)	0226	1.960	0.0400	1.658	0.1170	0.0407	22	2.58	9%	0
035.41	Sodium, ICP, Dry ash (%)	0910	1.715	0.2300	1.658	0.1170	0.0407	22	0.49	2%	1
035.42	Sodium, ICP, Open vessel (%)	0692	1.510	0.0200	1.718	0.1063	0.0284	16	-1.96	6%	0
035.42	Sodium, ICP, Open vessel (%)	0278	1.560	0.0200	1.718	0.1063	0.0284	16	-1.49	5%	0
035.42	Sodium, ICP, Open vessel (%)	0186	1.565	0.0300	1.718	0.1063	0.0284	16	-1.44	4%	0
035.42	Sodium, ICP, Open vessel (%)	0726	1.634	0.0010	1.718	0.1063	0.0284	16	-0.79	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	1.710	0.0800	1.718	0.1063	0.0284	16	-0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	1.710	0.0200	1.718	0.1063	0.0284	16	-0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0265	1.710	0.0400	1.718	0.1063	0.0284	16	-0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0035	1.740	0.0000	1.718	0.1063	0.0284	16	0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	1.747	0.0140	1.718	0.1063	0.0284	16	0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0187	1.760	0.0200	1.718	0.1063	0.0284	16	0.40	1%	0
035.42	Sodium, ICP, Open vessel (%)	0560	1.762	0.0277	1.718	0.1063	0.0284	16	0.41	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	1.775	0.1020	1.718	0.1063	0.0284	16	0.54	2%	0
035.42	Sodium, ICP, Open vessel (%)	0263	1.783	0.0202	1.718	0.1063	0.0284	16	0.62	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	1.790	0.0200	1.718	0.1063	0.0284	16	0.68	2%	0
035.42	Sodium, ICP, Open vessel (%)	0294	1.805	0.0300	1.718	0.1063	0.0284	16	0.82	3%	0
035.42	Sodium, ICP, Open vessel (%)	0205	1.885	0.0100	1.718	0.1063	0.0284	16	1.57	5%	0
035.42	Sodium, ICP, Open vessel (%)	2053	2.080	0.2600	1.718	0.1063	0.0284	16	3.41	11%	1
035.43	Sodium, ICP, Microwave (%)	0297	0.4350	0.0300	1.721	0.1449	0.0249	21	-8.88	37%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.8650	0.0100	1.721	0.1449	0.0249	21	-5.91	25%	0
035.43	Sodium, ICP, Microwave (%)	0089	1.510	0.0000	1.721	0.1449	0.0249	21	-1.46	6%	0
035.43	Sodium, ICP, Microwave (%)	0202	1.616	0.0050	1.721	0.1449	0.0249	21	-0.73	3%	0
035.43	Sodium, ICP, Microwave (%)	0505	1.645	0.0100	1.721	0.1449	0.0249	21	-0.52	2%	0
035.43	Sodium, ICP, Microwave (%)	0425	1.655	0.0100	1.721	0.1449	0.0249	21	-0.46	2%	0
035.43	Sodium, ICP, Microwave (%)	0629	1.655	0.0500	1.721	0.1449	0.0249	21	-0.46	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.43	Sodium, ICP, Microwave (%)	0861	1.670	0.0600	1.721	0.1449	0.0249	21	-0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0918	1.698	0.0190	1.721	0.1449	0.0249	21	-0.16	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	1.700	0.0400	1.721	0.1449	0.0249	21	-0.14	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	1.720	0.0600	1.721	0.1449	0.0249	21	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0017	1.726	0.0530	1.721	0.1449	0.0249	21	0.03	0%	0
035.43	Sodium, ICP, Microwave (%)	0610	1.745	0.0100	1.721	0.1449	0.0249	21	0.17	1%	0
035.43	Sodium, ICP, Microwave (%)	0035	1.780	0.0200	1.721	0.1449	0.0249	21	0.41	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	1.785	0.0100	1.721	0.1449	0.0249	21	0.44	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	1.820	0.0200	1.721	0.1449	0.0249	21	0.68	3%	0
035.43	Sodium, ICP, Microwave (%)	0345	1.825	0.0300	1.721	0.1449	0.0249	21	0.72	3%	0
035.43	Sodium, ICP, Microwave (%)	0964	1.848	0.0362	1.721	0.1449	0.0249	21	0.87	4%	0
035.43	Sodium, ICP, Microwave (%)	0682	1.860	0.0000	1.721	0.1449	0.0249	21	0.96	4%	0
035.43	Sodium, ICP, Microwave (%)	0083	2.040	0.0400	1.721	0.1449	0.0249	21	2.20	9%	0
035.43	Sodium, ICP, Microwave (%)	0675	2.055	0.0100	1.721	0.1449	0.0249	21	2.31	10%	0
035.51	Sodium, ICP-MS, Dry ash (%)	2146	1.770	0.0200				1			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	1.725	0.0300				1			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	1.760	0.0800	1.827	0.0578	0.0873	6	-1.15	2%	0
035.53	Sodium, ICP-MS, Microwave (%)	2055	1.766	0.1138	1.827	0.0578	0.0873	6	-1.06	2%	0
035.53	Sodium, ICP-MS, Microwave (%)	0572	1.845	0.1100	1.827	0.0578	0.0873	6	0.32	0%	0
035.53	Sodium, ICP-MS, Microwave (%)	0300	1.850	0.1400	1.827	0.0578	0.0873	6	0.40	1%	0
035.53	Sodium, ICP-MS, Microwave (%)	0199	1.860	0.0400	1.827	0.0578	0.0873	6	0.57	1%	0
035.53	Sodium, ICP-MS, Microwave (%)	0939	1.880	0.0400	1.827	0.0578	0.0873	6	0.92	1%	0
035.99	Sodium, Miscellaneous (%)	0889	1.640	0.1800	1.727	0.0610	0.1460	5			0
035.99	Sodium, Miscellaneous (%)	2129	1.690	0.3800	1.727	0.0610	0.1460	5			0
035.99	Sodium, Miscellaneous (%)	0100	1.750	0.1200	1.727	0.0610	0.1460	5			0
035.99	Sodium, Miscellaneous (%)	0590	1.765	0.0300	1.727	0.0610	0.1460	5			0
035.99	Sodium, Miscellaneous (%)	0242	1.790	0.0200	1.727	0.0610	0.1460	5			0
036.04	Sulfur, LECO (%)	0229	0.5550	0.0300				3			0
036.04	Sulfur, LECO (%)	0226	0.6150	0.0100				3			0
036.04	Sulfur, LECO (%)	0148	0.6698	0.0330				3			0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.5550	0.0700	0.6407	0.0310	0.0206	19	-2.77	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.5973	0.0184	0.6407	0.0310	0.0206	19	-1.40	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.6021	0.0547	0.6407	0.0310	0.0206	19	-1.25	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.6120	0.0080	0.6407	0.0310	0.0206	19	-0.93	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.6180	0.0100	0.6407	0.0310	0.0206	19	-0.73	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.6307	0.0047	0.6407	0.0310	0.0206	19	-0.32	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.6316	0.0080	0.6407	0.0310	0.0206	19	-0.29	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.6350	0.0300	0.6407	0.0310	0.0206	19	-0.18	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.6350	0.0300	0.6407	0.0310	0.0206	19	-0.18	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.6500	0.0200	0.6407	0.0310	0.0206	19	0.30	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.6503	0.0044	0.6407	0.0310	0.0206	19	0.31	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.6515	0.0170	0.6407	0.0310	0.0206	19	0.35	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.42	Sulfur, ICP, Open vessel (%)	0693	0.6520	0.0240	0.6407	0.0310	0.0206	19	0.37	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.6550	0.0100	0.6407	0.0310	0.0206	19	0.46	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.6550	0.0300	0.6407	0.0310	0.0206	19	0.46	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.6600	0.0200	0.6407	0.0310	0.0206	19	0.62	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.6688	0.0017	0.6407	0.0310	0.0206	19	0.91	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.7250	0.0100	0.6407	0.0310	0.0206	19	2.72	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.7600	0.0200	0.6407	0.0310	0.0206	19	3.85	9%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.5850	0.0300	0.6484	0.0541	0.0117	11	-1.17	5%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.5995	0.0185	0.6484	0.0541	0.0117	11	-0.90	4%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.6085	0.0070	0.6484	0.0541	0.0117	11	-0.74	3%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.6200	0.0000	0.6484	0.0541	0.0117	11	-0.52	2%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.6280	0.0020	0.6484	0.0541	0.0117	11	-0.38	2%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.6400	0.0200	0.6484	0.0541	0.0117	11	-0.15	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.6465	0.0010	0.6484	0.0541	0.0117	11	-0.03	0%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.6650	0.0100	0.6484	0.0541	0.0117	11	0.31	1%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.6950	0.0100	0.6484	0.0541	0.0117	11	0.86	4%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.7150	0.0100	0.6484	0.0541	0.0117	11	1.23	5%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.8500	0.0200	0.6484	0.0541	0.0117	11	3.73	16%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.6115	0.0210				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	5,333	235.0				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.6825	0.0910				1			0
036.99	Sulfur, Miscellaneous (%)	0889	0.5850	0.0100				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.6450	0.0100				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	1,250	100.0	1,363	118.6	28.86	13	-0.95	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	1,254	43.25	1,363	118.6	28.86	13	-0.92	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2146	1,275	5.000	1,363	118.6	28.86	13	-0.74	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	1,283	0.2200	1,363	118.6	28.86	13	-0.67	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2097	1,292	12.41	1,363	118.6	28.86	13	-0.60	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2062	1,305	31.50	1,363	118.6	28.86	13	-0.49	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	1,329	60.92	1,363	118.6	28.86	13	-0.28	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2196	1,355	0.0000	1,363	118.6	28.86	13	-0.07	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	1,371	2.300	1,363	118.6	28.86	13	0.07	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	1,431	69.00	1,363	118.6	28.86	13	0.57	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	1,500	0.0000	1,363	118.6	28.86	13	1.16	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	1,530	20.00	1,363	118.6	28.86	13	1.41	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2188	1,650	30.63	1,363	118.6	28.86	13	2.43	11%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	1,387	59.00				2			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	2128	1,540	0.0000				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	1,390	20.00				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	1,714	4.601				2			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	1,080	78.64	1,293	87.48	40.10	23	-2.44	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	1,127	69.00	1,293	87.48	40.10	23	-1.90	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	1,169	1.000	1,293	87.48	40.10	23	-1.42	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	1,181	26.00	1,293	87.48	40.10	23	-1.28	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	1,236	5.760	1,293	87.48	40.10	23	-0.65	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	1,260	60.00	1,293	87.48	40.10	23	-0.38	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0653	1,260	14.00	1,293	87.48	40.10	23	-0.38	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	1,267	24.01	1,293	87.48	40.10	23	-0.29	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	1,283	18.50	1,293	87.48	40.10	23	-0.11	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	1,285	33.00	1,293	87.48	40.10	23	-0.10	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	1,285	179.0	1,293	87.48	40.10	23	-0.10	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	1,289	3.000	1,293	87.48	40.10	23	-0.05	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	1,301	121.0	1,293	87.48	40.10	23	0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	1,311	2.000	1,293	87.48	40.10	23	0.21	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	1,325	11.00	1,293	87.48	40.10	23	0.36	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	1,326	33.00	1,293	87.48	40.10	23	0.37	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	1,331	27.00	1,293	87.48	40.10	23	0.43	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	1,333	132.3	1,293	87.48	40.10	23	0.46	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	1,346	26.54	1,293	87.48	40.10	23	0.61	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	1,372	32.00	1,293	87.48	40.10	23	0.90	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2145	1,408	18.80	1,293	87.48	40.10	23	1.31	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	1,433	0.0000	1,293	87.48	40.10	23	1.60	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	1,470	6.830	1,293	87.48	40.10	23	2.02	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	1,233	30.00	1,382	82.68	21.60	19	-1.81	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	1,265	50.00	1,382	82.68	21.60	19	-1.42	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	1,287	25.80	1,382	82.68	21.60	19	-1.16	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	1,292	13.64	1,382	82.68	21.60	19	-1.09	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	1,331	13.00	1,382	82.68	21.60	19	-0.63	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	1,342	72.00	1,382	82.68	21.60	19	-0.49	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	1,357	5.500	1,382	82.68	21.60	19	-0.31	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0263	1,359	2.240	1,382	82.68	21.60	19	-0.28	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	1,373	34.00	1,382	82.68	21.60	19	-0.11	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	1,385	19.31	1,382	82.68	21.60	19	0.03	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	1,415	5.640	1,382	82.68	21.60	19	0.39	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	1,425	30.00	1,382	82.68	21.60	19	0.51	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	1,426	12.00	1,382	82.68	21.60	19	0.53	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	1,432	34.46	1,382	82.68	21.60	19	0.59	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	1,444	10.80	1,382	82.68	21.60	19	0.74	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	1,444	24.00	1,382	82.68	21.60	19	0.74	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	1,450	3.000	1,382	82.68	21.60	19	0.81	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	1,478	15.00	1,382	82.68	21.60	19	1.15	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	1,705	10.00	1,382	82.68	21.60	19	3.90	12%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	157.0	2.000	1,370	78.27	36.64	23	-15.50	44%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	1,070	20.00	1,370	78.27	36.64	23	-3.83	11%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	1,287	8.185	1,370	78.27	36.64	23	-1.07	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	1,292	93.00	1,370	78.27	36.64	23	-1.00	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	1,294	22.00	1,370	78.27	36.64	23	-0.97	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	1,308	61.87	1,370	78.27	36.64	23	-0.80	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	1,320	20.00	1,370	78.27	36.64	23	-0.64	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0505	1,347	33.00	1,370	78.27	36.64	23	-0.30	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	1,350	40.00	1,370	78.27	36.64	23	-0.26	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	1,359	32.85	1,370	78.27	36.64	23	-0.15	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	1,369	10.00	1,370	78.27	36.64	23	-0.01	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	1,370	100.0	1,370	78.27	36.64	23	0.00	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	1,382	17.46	1,370	78.27	36.64	23	0.16	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	1,391	41.00	1,370	78.27	36.64	23	0.26	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	1,397	74.73	1,370	78.27	36.64	23	0.35	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	1,402	0.0000	1,370	78.27	36.64	23	0.40	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	1,419	1.000	1,370	78.27	36.64	23	0.62	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	1,420	0.0000	1,370	78.27	36.64	23	0.64	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	1,437	29.00	1,370	78.27	36.64	23	0.85	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	1,438	59.91	1,370	78.27	36.64	23	0.87	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	1,454	30.93	1,370	78.27	36.64	23	1.07	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	1,501	82.00	1,370	78.27	36.64	23	1.67	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	1,530	63.70	1,370	78.27	36.64	23	2.04	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2192	1,036	202.0	1,370	78.27	36.64	23	-4.26	12%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	4,125	8.000	1,370	78.27	36.64	23	35.20	101%	2
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0039	1,545	369.5				1			0
037.51	Zinc, ICP-MS, Dry ash (mg / kg (ppm))	2146	1,284	19.00				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0016	1,230	140.0				3			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	1,316	16.00				3			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	1,501	33.00				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	1,390	0.0000	1,434	61.66	43.00	5			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2055	1,391	4.000	1,434	61.66	43.00	5			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	1,410	60.00	1,434	61.66	43.00	5			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0939	1,440	119.0	1,434	61.66	43.00	5			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	1,538	32.00	1,434	61.66	43.00	5			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	1,213	20.50	1,369	127.1	19.10	5			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	1,298	8.000	1,369	127.1	19.10	5			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	1,365	1.000	1,369	127.1	19.10	5			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	1,419	44.00	1,369	127.1	19.10	5			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	1,550	22.00	1,369	127.1	19.10	5			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	3.527	1.419				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	3.585	0.1500				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0148	3.820	0.0200				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0560	2.340	0.2400	3.400	0.5387	0.1852	6	-1.97	16%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0265	3.250	0.1000	3.400	0.5387	0.1852	6	-0.28	2%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	3.405	0.1500	3.400	0.5387	0.1852	6	0.01	0%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	3.424	0.2810	3.400	0.5387	0.1852	6	0.04	0%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	2053	3.765	0.1700	3.400	0.5387	0.1852	6	0.68	5%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	3.965	0.1700	3.400	0.5387	0.1852	6	1.05	8%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	2.780	0.0600	3.805	0.9831	0.0593	6	-1.04	13%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	3.221	0.0760	3.805	0.9831	0.0593	6	-0.59	8%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	3.500	0.0400	3.805	0.9831	0.0593	6	-0.31	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0083	4.000	0.0000	3.805	0.9831	0.0593	6	0.20	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	4.050	0.1000	3.805	0.9831	0.0593	6	0.25	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	5.780	0.0800	3.805	0.9831	0.0593	6	2.01	26%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	3.295	0.8100				1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	2.986	0.0840	3.646	0.4089	0.1623	5			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2055	3.550	0.2000	3.646	0.4089	0.1623	5			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	3.754	0.2877	3.646	0.4089	0.1623	5			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	3.935	0.1500	3.646	0.4089	0.1623	5			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0164	4.005	0.0900	3.646	0.4089	0.1623	5			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	8.085	0.0500				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	7.547	0.2278				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	6.290	0.0000				1			0
042.00	Chloride, Titrimetric (%)	0948	2.973	0.0540				1			0
042.99	Chloride, Miscellaneous (%)	0297	1.220	0.0200				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	67.05	2.100				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	8.090	1.560				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	5.400	1.420				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	7.380	0.3000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	2.810	0.0800				1			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	1.785	0.1300				1			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	2.995	0.2700				1			0
106.00	Vitamin A, Color (KU / kg)	0019	170.5	0.2050				2			0
106.00	Vitamin A, Color (KU / kg)	0171	215.0	2.000				2			0
106.01	Vitamin A, UV (KU / kg)	0098	218.0	36.00				1			0
106.02	Vitamin A, LC (KU / kg)	0148	17.93	2.380	172.5	42.96	20.47	23	-3.60	45%	0
106.02	Vitamin A, LC (KU / kg)	0169	53.95	0.5000	172.5	42.96	20.47	23	-2.76	34%	0
106.02	Vitamin A, LC (KU / kg)	0676	101.1	18.40	172.5	42.96	20.47	23	-1.66	21%	0
106.02	Vitamin A, LC (KU / kg)	0905	139.0	39.20	172.5	42.96	20.47	23	-0.78	10%	0
106.02	Vitamin A, LC (KU / kg)	0861	142.3	37.77	172.5	42.96	20.47	23	-0.70	9%	0
106.02	Vitamin A, LC (KU / kg)	0675	142.4	14.20	172.5	42.96	20.47	23	-0.70	9%	0
106.02	Vitamin A, LC (KU / kg)	0689	152.5	3.000	172.5	42.96	20.47	23	-0.46	6%	0
106.02	Vitamin A, LC (KU / kg)	0910	155.6	12.00	172.5	42.96	20.47	23	-0.39	5%	0
106.02	Vitamin A, LC (KU / kg)	2022	156.0	0.0000	172.5	42.96	20.47	23	-0.38	5%	0
106.02	Vitamin A, LC (KU / kg)	0227	157.0	56.00	172.5	42.96	20.47	23	-0.36	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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106.02	Vitamin A, LC (KU / kg)	2192	165.1	15.36	172.5	42.96	20.47	23	-0.17	2%	0
106.02	Vitamin A, LC (KU / kg)	2103	179.8	8.600	172.5	42.96	20.47	23	0.17	2%	0
106.02	Vitamin A, LC (KU / kg)	0014	183.0	2.000	172.5	42.96	20.47	23	0.25	3%	0
106.02	Vitamin A, LC (KU / kg)	0941	187.2	44.69	172.5	42.96	20.47	23	0.34	4%	0
106.02	Vitamin A, LC (KU / kg)	0875	188.0	4.000	172.5	42.96	20.47	23	0.36	5%	0
106.02	Vitamin A, LC (KU / kg)	0610	190.5	27.00	172.5	42.96	20.47	23	0.42	5%	0
106.02	Vitamin A, LC (KU / kg)	0035	193.2	0.4100	172.5	42.96	20.47	23	0.48	6%	0
106.02	Vitamin A, LC (KU / kg)	0004	199.8	33.03	172.5	42.96	20.47	23	0.64	8%	0
106.02	Vitamin A, LC (KU / kg)	2144	204.3	4.050	172.5	42.96	20.47	23	0.74	9%	0
106.02	Vitamin A, LC (KU / kg)	0010	222.9	43.60	172.5	42.96	20.47	23	1.17	15%	0
106.02	Vitamin A, LC (KU / kg)	0017	226.4	23.69	172.5	42.96	20.47	23	1.26	16%	0
106.02	Vitamin A, LC (KU / kg)	0199	226.5	21.00	172.5	42.96	20.47	23	1.26	16%	0
106.02	Vitamin A, LC (KU / kg)	2053	231.0	60.00	172.5	42.96	20.47	23	1.36	17%	0
106.99	Vitamin A, Miscellaneous (KU / kg)	2146	138.1	4.960				1			0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	31.70	1.400				1			0
108.02	Vitamin D3, LC (KU / kg)	0610	6.650	0.3000	11.07	4.583	0.6625	4			0
108.02	Vitamin D3, LC (KU / kg)	0910	7.715	1.810	11.07	4.583	0.6625	4			0
108.02	Vitamin D3, LC (KU / kg)	0675	13.97	0.2400	11.07	4.583	0.6625	4			0
108.02	Vitamin D3, LC (KU / kg)	0227	15.95	0.3000	11.07	4.583	0.6625	4			0
108.02	Vitamin D3, LC (KU / kg)	0861	8.120	4.320	11.07	4.583	0.6625	4			1
109.02	Vitamin E, LC (IU / kg)	0169	53.65	1.500	246.5	61.68	15.47	19	-3.13	39%	0
109.02	Vitamin E, LC (IU / kg)	2022	123.0	0.0000	246.5	61.68	15.47	19	-2.00	25%	0
109.02	Vitamin E, LC (IU / kg)	0875	179.0	8.000	246.5	61.68	15.47	19	-1.09	14%	0
109.02	Vitamin E, LC (IU / kg)	0675	187.2	23.64	246.5	61.68	15.47	19	-0.96	12%	0
109.02	Vitamin E, LC (IU / kg)	0148	206.9	7.040	246.5	61.68	15.47	19	-0.64	8%	0
109.02	Vitamin E, LC (IU / kg)	0905	216.5	11.00	246.5	61.68	15.47	19	-0.49	6%	0
109.02	Vitamin E, LC (IU / kg)	0861	225.0	10.00	246.5	61.68	15.47	19	-0.35	4%	0
109.02	Vitamin E, LC (IU / kg)	0941	226.9	56.37	246.5	61.68	15.47	19	-0.32	4%	0
109.02	Vitamin E, LC (IU / kg)	0590	236.5	27.00	246.5	61.68	15.47	19	-0.16	2%	0
109.02	Vitamin E, LC (IU / kg)	0910	242.6	8.600	246.5	61.68	15.47	19	-0.06	1%	0
109.02	Vitamin E, LC (IU / kg)	2103	262.0	10.00	246.5	61.68	15.47	19	0.25	3%	0
109.02	Vitamin E, LC (IU / kg)	2192	278.7	12.90	246.5	61.68	15.47	19	0.52	7%	0
109.02	Vitamin E, LC (IU / kg)	0676	285.1	8.400	246.5	61.68	15.47	19	0.63	8%	0
109.02	Vitamin E, LC (IU / kg)	2053	287.5	5.000	246.5	61.68	15.47	19	0.66	8%	0
109.02	Vitamin E, LC (IU / kg)	0098	288.0	38.00	246.5	61.68	15.47	19	0.67	8%	0
109.02	Vitamin E, LC (IU / kg)	2144	299.6	5.550	246.5	61.68	15.47	19	0.86	11%	0
109.02	Vitamin E, LC (IU / kg)	0610	311.0	34.00	246.5	61.68	15.47	19	1.05	13%	0
109.02	Vitamin E, LC (IU / kg)	0227	312.5	23.00	246.5	61.68	15.47	19	1.07	13%	0
109.02	Vitamin E, LC (IU / kg)	0199	331.0	4.000	246.5	61.68	15.47	19	1.37	17%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	2146	302.3	12.41				1			0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	0148	14.60	2.600				1			0
112.01	Pyridoxine, LC (µg / g)	0227	1.985	0.0100				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	0.9130	0.2940				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.2810	0.0140				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	5.515	0.2500				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	20.43	0.0000				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.035	0.0300	1.109	0.0398	0.0221	23	-1.86	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.057	0.0720	1.109	0.0398	0.0221	23	-1.30	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	1.061	0.0000	1.109	0.0398	0.0221	23	-1.20	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.065	0.0140	1.109	0.0398	0.0221	23	-1.10	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	1.081	0.0090	1.109	0.0398	0.0221	23	-0.71	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.086	0.0110	1.109	0.0398	0.0221	23	-0.59	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.090	0.0400	1.109	0.0398	0.0221	23	-0.47	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.095	0.0070	1.109	0.0398	0.0221	23	-0.36	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.100	0.0200	1.109	0.0398	0.0221	23	-0.22	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.100	0.0200	1.109	0.0398	0.0221	23	-0.22	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.103	0.0030	1.109	0.0398	0.0221	23	-0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	1.104	0.0460	1.109	0.0398	0.0221	23	-0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.110	0.0200	1.109	0.0398	0.0221	23	0.03	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.110	0.0200	1.109	0.0398	0.0221	23	0.03	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	1.115	0.0100	1.109	0.0398	0.0221	23	0.15	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	1.120	0.0200	1.109	0.0398	0.0221	23	0.28	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.129	0.0316	1.109	0.0398	0.0221	23	0.50	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.138	0.0405	1.109	0.0398	0.0221	23	0.72	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.140	0.0100	1.109	0.0398	0.0221	23	0.78	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.150	0.0090	1.109	0.0398	0.0221	23	1.02	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	1.167	0.0060	1.109	0.0398	0.0221	23	1.46	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	1.255	0.0690	1.109	0.0398	0.0221	23	3.66	7%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.280	0.0000	1.109	0.0398	0.0221	23	4.30	8%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	11.76	0.1100	1.109	0.0398	0.0221	23	267.30	480%	2
120.02	Alanine, Post-col OPA Der (%)	0098	1.167	0.0220				1			0
120.05	Alanine, Pre-col AQC Der (%)	0407	1.002	0.0480	1.093	0.0685	0.0286	8	-1.32	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.025	0.0100	1.093	0.0685	0.0286	8	-0.99	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.067	0.0210	1.093	0.0685	0.0286	8	-0.38	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.090	0.0000	1.093	0.0685	0.0286	8	-0.04	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	1.103	0.0000	1.093	0.0685	0.0286	8	0.15	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.125	0.0700	1.093	0.0685	0.0286	8	0.47	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2195	1.150	0.0000	1.093	0.0685	0.0286	8	0.84	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	1.180	0.0800	1.093	0.0685	0.0286	8	1.27	4%	0
120.99	Alanine, Miscellaneous (%)	0889	1.995	0.0100				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	1.585	0.0000	1.763	0.0566	0.0250	23	-3.15	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	1.630	0.0200	1.763	0.0566	0.0250	23	-2.36	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.690	0.0200	1.763	0.0566	0.0250	23	-1.30	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.700	0.0200	1.763	0.0566	0.0250	23	-1.12	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.710	0.0400	1.763	0.0566	0.0250	23	-0.94	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.730	0.0000	1.763	0.0566	0.0250	23	-0.59	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.748	0.0010	1.763	0.0566	0.0250	23	-0.28	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.748	0.0260	1.763	0.0566	0.0250	23	-0.27	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.750	0.0070	1.763	0.0566	0.0250	23	-0.24	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.760	0.0600	1.763	0.0566	0.0250	23	-0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.762	0.0360	1.763	0.0566	0.0250	23	-0.02	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.768	0.0090	1.763	0.0566	0.0250	23	0.07	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.779	0.0751	1.763	0.0566	0.0250	23	0.28	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.779	0.0874	1.763	0.0566	0.0250	23	0.28	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.780	0.0400	1.763	0.0566	0.0250	23	0.30	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.783	0.0110	1.763	0.0566	0.0250	23	0.34	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.784	0.0040	1.763	0.0566	0.0250	23	0.37	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	1.785	0.0300	1.763	0.0566	0.0250	23	0.38	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.786	0.0220	1.763	0.0566	0.0250	23	0.40	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.820	0.0096	1.763	0.0566	0.0250	23	1.01	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	1.842	0.0100	1.763	0.0566	0.0250	23	1.39	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.863	0.0270	1.763	0.0566	0.0250	23	1.75	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.990	0.0200	1.763	0.0566	0.0250	23	4.01	6%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	17.93	0.2500	1.763	0.0566	0.0250	23	285.58	458%	2
121.02	Arginine, Post-col OPA Der (%)	0098	1.766	0.0330				1			0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.550	0.0000	1.708	0.1593	0.0176	7	-0.99	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.564	0.0330	1.708	0.1593	0.0176	7	-0.91	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.612	0.0000	1.708	0.1593	0.0176	7	-0.60	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.687	0.0000	1.708	0.1593	0.0176	7	-0.13	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.800	0.0800	1.708	0.1593	0.0176	7	0.58	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2195	1.860	0.0000	1.708	0.1593	0.0176	7	0.95	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.885	0.0100	1.708	0.1593	0.0176	7	1.11	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.635	0.1700	1.708	0.1593	0.0176	7	-0.46	2%	1
121.99	Arginine, Miscellaneous (%)	0889	0.5550	0.0100				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.565	0.0000	1.696	0.0462	0.0270	23	-2.84	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.633	0.0040	1.696	0.0462	0.0270	23	-1.37	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.646	0.0806	1.696	0.0462	0.0270	23	-1.09	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.651	0.0140	1.696	0.0462	0.0270	23	-0.98	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.659	0.0360	1.696	0.0462	0.0270	23	-0.81	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.660	0.0200	1.696	0.0462	0.0270	23	-0.79	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.674	0.0280	1.696	0.0462	0.0270	23	-0.48	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.685	0.0500	1.696	0.0462	0.0270	23	-0.25	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.685	0.0900	1.696	0.0462	0.0270	23	-0.25	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.686	0.0170	1.696	0.0462	0.0270	23	-0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.690	0.0200	1.696	0.0462	0.0270	23	-0.14	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.690	0.0000	1.696	0.0462	0.0270	23	-0.14	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.695	0.0500	1.696	0.0462	0.0270	23	-0.03	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.705	0.0100	1.696	0.0462	0.0270	23	0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.705	0.0120	1.696	0.0462	0.0270	23	0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.705	0.0300	1.696	0.0462	0.0270	23	0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.724	0.0100	1.696	0.0462	0.0270	23	0.60	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.725	0.0100	1.696	0.0462	0.0270	23	0.62	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.731	0.0440	1.696	0.0462	0.0270	23	0.75	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.750	0.0329	1.696	0.0462	0.0270	23	1.15	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.760	0.0313	1.696	0.0462	0.0270	23	1.37	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.800	0.0220	1.696	0.0462	0.0270	23	2.24	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.905	0.0100	1.696	0.0462	0.0270	23	4.52	6%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	17.54	0.1600	1.696	0.0462	0.0270	23	342.90	467%	2
122.02	Aspartic, Post-col OPA Der (%)	0098	1.737	0.0310				1			0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.540	0.0400	1.720	0.1742	0.0330	8	-1.03	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.556	0.0170	1.720	0.1742	0.0330	8	-0.94	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.583	0.0770	1.720	0.1742	0.0330	8	-0.79	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.710	0.0400	1.720	0.1742	0.0330	8	-0.06	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.780	0.0200	1.720	0.1742	0.0330	8	0.34	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.795	0.0700	1.720	0.1742	0.0330	8	0.43	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.816	0.0000	1.720	0.1742	0.0330	8	0.55	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	2195	2.040	0.0000	1.720	0.1742	0.0330	8	1.84	9%	0
122.99	Aspartic, Miscellaneous (%)	0889	2.045	0.0700				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.2450	0.0140	0.3266	0.0353	0.0096	23	-2.31	12%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.2800	0.0200	0.3266	0.0353	0.0096	23	-1.32	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0910	0.2850	0.0100	0.3266	0.0353	0.0096	23	-1.18	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0918	0.2850	0.0100	0.3266	0.0353	0.0096	23	-1.18	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	0.2880	0.0114	0.3266	0.0353	0.0096	23	-1.09	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0171	0.2940	0.0020	0.3266	0.0353	0.0096	23	-0.92	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0227	0.3050	0.0100	0.3266	0.0353	0.0096	23	-0.61	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.3200	0.0000	0.3266	0.0353	0.0096	23	-0.19	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.3225	0.0050	0.3266	0.0353	0.0096	23	-0.12	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.3245	0.0130	0.3266	0.0353	0.0096	23	-0.06	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0878	0.3280	0.0000	0.3266	0.0353	0.0096	23	0.04	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.3300	0.0080	0.3266	0.0353	0.0096	23	0.10	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.3355	0.0010	0.3266	0.0353	0.0096	23	0.25	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0868	0.3385	0.0050	0.3266	0.0353	0.0096	23	0.34	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.3400	0.0400	0.3266	0.0353	0.0096	23	0.38	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.3420	0.0000	0.3266	0.0353	0.0096	23	0.44	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0939	0.3450	0.0100	0.3266	0.0353	0.0096	23	0.52	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.3465	0.0010	0.3266	0.0353	0.0096	23	0.57	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.3509	0.0270	0.3266	0.0353	0.0096	23	0.69	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.3520	0.0040	0.3266	0.0353	0.0096	23	0.72	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.3660	0.0000	0.3266	0.0353	0.0096	23	1.12	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0675	0.4100	0.0200	0.3266	0.0353	0.0096	23	2.37	13%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0619	0.4500	0.0100	0.3266	0.0353	0.0096	23	3.50	19%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0684	3.185	0.0700	0.3266	0.0353	0.0096	23	81.04	438%	2
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.3325	0.0070				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2300	0.0400	0.3129	0.0416	0.0133	6	-1.99	13%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.3050	0.0300	0.3129	0.0416	0.0133	6	-0.19	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.3050	0.0100	0.3129	0.0416	0.0133	6	-0.19	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.3270	0.0000	0.3129	0.0416	0.0133	6	0.34	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2195	0.3300	0.0000	0.3129	0.0416	0.0133	6	0.41	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.3600	0.0000	0.3129	0.0416	0.0133	6	1.13	8%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2440	0.1760	0.3129	0.0416	0.0133	6	-1.66	11%	1
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.6950	0.3300				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.490	0.0200	3.740	0.1908	0.0481	22	-1.31	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.517	0.0480	3.740	0.1908	0.0481	22	-1.17	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	3.553	0.0000	3.740	0.1908	0.0481	22	-0.98	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.592	0.0480	3.740	0.1908	0.0481	22	-0.78	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.600	0.0650	3.740	0.1908	0.0481	22	-0.74	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.640	0.1800	3.740	0.1908	0.0481	22	-0.53	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.642	0.0060	3.740	0.1908	0.0481	22	-0.52	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.648	0.0240	3.740	0.1908	0.0481	22	-0.48	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.680	0.0600	3.740	0.1908	0.0481	22	-0.32	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.690	0.0800	3.740	0.1908	0.0481	22	-0.26	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.708	0.0390	3.740	0.1908	0.0481	22	-0.17	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.708	0.0270	3.740	0.1908	0.0481	22	-0.17	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	3.715	0.0510	3.740	0.1908	0.0481	22	-0.14	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.730	0.1000	3.740	0.1908	0.0481	22	-0.05	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	3.738	0.0600	3.740	0.1908	0.0481	22	-0.01	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.755	0.0100	3.740	0.1908	0.0481	22	0.08	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	3.855	0.0500	3.740	0.1908	0.0481	22	0.60	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.961	0.0743	3.740	0.1908	0.0481	22	1.16	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	4.000	0.0200	3.740	0.1908	0.0481	22	1.36	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	4.013	0.0017	3.740	0.1908	0.0481	22	1.43	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	4.087	0.0047	3.740	0.1908	0.0481	22	1.82	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	4.275	0.0900	3.740	0.1908	0.0481	22	2.80	7%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	2.285	1.980	3.740	0.1908	0.0481	22	-7.63	19%	1
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	38.66	0.1900	3.740	0.1908	0.0481	22	182.94	467%	2
125.02	Glutamic, Post-col OPA Der (%)	0098	3.787	0.0620				1			0
125.05	Glutamic, Pre-col AQC Der (%)	2188	3.300	0.0600	3.658	0.2795	0.0471	8	-1.28	5%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	3.371	0.0960	3.658	0.2795	0.0471	8	-1.03	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.517	0.1410	3.658	0.2795	0.0471	8	-0.51	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	3.607	0.0000	3.658	0.2795	0.0471	8	-0.18	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.805	0.0500	3.658	0.2795	0.0471	8	0.53	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	3.810	0.0200	3.658	0.2795	0.0471	8	0.54	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.895	0.0100	3.658	0.2795	0.0471	8	0.85	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	2195	3.960	0.0000	3.658	0.2795	0.0471	8	1.08	4%	0
125.99	Glutamic, Miscellaneous (%)	0889	5.685	0.1100				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	1.169	0.0000	1.250	0.0446	0.0193	23	-1.81	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	1.201	0.0110	1.250	0.0446	0.0193	23	-1.11	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	1.207	0.0210	1.250	0.0446	0.0193	23	-0.97	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.210	0.0000	1.250	0.0446	0.0193	23	-0.90	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.212	0.0130	1.250	0.0446	0.0193	23	-0.86	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	1.225	0.0300	1.250	0.0446	0.0193	23	-0.56	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.226	0.0090	1.250	0.0446	0.0193	23	-0.55	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	1.226	0.0040	1.250	0.0446	0.0193	23	-0.54	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.235	0.0500	1.250	0.0446	0.0193	23	-0.34	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.240	0.0600	1.250	0.0446	0.0193	23	-0.22	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.240	0.0200	1.250	0.0446	0.0193	23	-0.22	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	1.242	0.0155	1.250	0.0446	0.0193	23	-0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.244	0.0010	1.250	0.0446	0.0193	23	-0.15	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.259	0.0170	1.250	0.0446	0.0193	23	0.19	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	1.260	0.0200	1.250	0.0446	0.0193	23	0.22	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	1.261	0.0240	1.250	0.0446	0.0193	23	0.25	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.265	0.0130	1.250	0.0446	0.0193	23	0.32	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.265	0.0100	1.250	0.0446	0.0193	23	0.34	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.285	0.0050	1.250	0.0446	0.0193	23	0.77	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.330	0.0373	1.250	0.0446	0.0193	23	1.80	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	1.335	0.0100	1.250	0.0446	0.0193	23	1.90	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	1.377	0.0521	1.250	0.0446	0.0193	23	2.84	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.540	0.0200	1.250	0.0446	0.0193	23	6.50	12%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	13.01	1.340	1.250	0.0446	0.0193	23	263.44	470%	2
126.02	Glycine, Post-col OPA Der (%)	0098	1.255	0.0180				1			0
126.05	Glycine, Pre-col AQC Der (%)	2195	1.130	0.0000	1.205	0.0738	0.0396	8	-1.02	3%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	1.150	0.0200	1.205	0.0738	0.0396	8	-0.75	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	1.170	0.0600	1.205	0.0738	0.0396	8	-0.48	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	1.184	0.0000	1.205	0.0738	0.0396	8	-0.29	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	1.193	0.0670	1.205	0.0738	0.0396	8	-0.17	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.209	0.0200	1.205	0.0738	0.0396	8	0.05	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	1.295	0.0300	1.205	0.0738	0.0396	8	1.22	4%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.310	0.1200	1.205	0.0738	0.0396	8	1.42	4%	0
126.99	Glycine, Miscellaneous (%)	0889	1.070	0.0200				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.4986	0.0034	0.5407	0.0295	0.0104	23	-1.42	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.5100	0.0000	0.5407	0.0295	0.0104	23	-1.04	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.5100	0.0200	0.5407	0.0295	0.0104	23	-1.04	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.5145	0.0050	0.5407	0.0295	0.0104	23	-0.89	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.5165	0.0070	0.5407	0.0295	0.0104	23	-0.82	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.5185	0.0130	0.5407	0.0295	0.0104	23	-0.75	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.5205	0.0010	0.5407	0.0295	0.0104	23	-0.68	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.5230	0.0060	0.5407	0.0295	0.0104	23	-0.60	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.5250	0.0100	0.5407	0.0295	0.0104	23	-0.53	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.5250	0.0100	0.5407	0.0295	0.0104	23	-0.53	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.5300	0.0000	0.5407	0.0295	0.0104	23	-0.36	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.5400	0.0200	0.5407	0.0295	0.0104	23	-0.02	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.5420	0.0060	0.5407	0.0295	0.0104	23	0.05	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.5470	0.0040	0.5407	0.0295	0.0104	23	0.21	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.5500	0.0200	0.5407	0.0295	0.0104	23	0.32	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.5515	0.0030	0.5407	0.0295	0.0104	23	0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.5622	0.0040	0.5407	0.0295	0.0104	23	0.73	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.5650	0.0300	0.5407	0.0295	0.0104	23	0.82	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.5690	0.0244	0.5407	0.0295	0.0104	23	0.96	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.5700	0.0200	0.5407	0.0295	0.0104	23	0.99	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.5800	0.0000	0.5407	0.0295	0.0104	23	1.33	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.5820	0.0260	0.5407	0.0295	0.0104	23	1.40	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.6040	0.0060	0.5407	0.0295	0.0104	23	2.14	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	5.395	0.0300	0.5407	0.0295	0.0104	23	164.39	449%	2
127.02	Histidine, Post-col OPA Der (%)	0098	0.5285	0.0010				1			0
127.05	Histidine, Pre-col AQC Der (%)	2195	0.4500	0.0000	0.5049	0.0411	0.0103	7	-1.34	5%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.4655	0.0010	0.5049	0.0411	0.0103	7	-0.96	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.4900	0.0200	0.5049	0.0411	0.0103	7	-0.36	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.5250	0.0300	0.5049	0.0411	0.0103	7	0.49	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.5310	0.0000	0.5049	0.0411	0.0103	7	0.64	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.5325	0.0210	0.5049	0.0411	0.0103	7	0.67	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.5400	0.0000	0.5049	0.0411	0.0103	7	0.86	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.5350	0.0900	0.5049	0.0411	0.0103	7	0.73	3%	1
127.99	Histidine, Miscellaneous (%)	0889	1.300	0.1400				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.5634	0.0005	0.6569	0.0520	0.0132	23	-1.80	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.5700	0.0000	0.6569	0.0520	0.0132	23	-1.67	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.5800	0.0200	0.6569	0.0520	0.0132	23	-1.48	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.6125	0.0110	0.6569	0.0520	0.0132	23	-0.85	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.6190	0.0000	0.6569	0.0520	0.0132	23	-0.73	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.6300	0.0120	0.6569	0.0520	0.0132	23	-0.52	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.6365	0.0070	0.6569	0.0520	0.0132	23	-0.39	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.6370	0.0200	0.6569	0.0520	0.0132	23	-0.38	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.6500	0.0180	0.6569	0.0520	0.0132	23	-0.13	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.6525	0.0130	0.6569	0.0520	0.0132	23	-0.08	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.6550	0.0100	0.6569	0.0520	0.0132	23	-0.04	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.6550	0.0300	0.6569	0.0520	0.0132	23	-0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.6600	0.0000	0.6569	0.0520	0.0132	23	0.06	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.6600	0.0040	0.6569	0.0520	0.0132	23	0.06	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.6663	0.0169	0.6569	0.0520	0.0132	23	0.18	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.6710	0.0000	0.6569	0.0520	0.0132	23	0.27	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.6750	0.0100	0.6569	0.0520	0.0132	23	0.35	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.6800	0.0200	0.6569	0.0520	0.0132	23	0.44	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.7015	0.0010	0.6569	0.0520	0.0132	23	0.86	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.7145	0.0250	0.6569	0.0520	0.0132	23	1.11	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.7295	0.0010	0.6569	0.0520	0.0132	23	1.40	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.7300	0.0400	0.6569	0.0520	0.0132	23	1.41	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.7604	0.0450	0.6569	0.0520	0.0132	23	1.99	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	6.495	0.0900	0.6569	0.0520	0.0132	23	112.24	444%	2
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.6775	0.0210				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.5080	0.0180	0.6571	0.0600	0.0118	8	-2.49	11%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.6210	0.0160	0.6571	0.0600	0.0118	8	-0.60	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.6350	0.0100	0.6571	0.0600	0.0118	8	-0.37	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.6400	0.0200	0.6571	0.0600	0.0118	8	-0.29	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2195	0.6600	0.0000	0.6571	0.0600	0.0118	8	0.05	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.6950	0.0100	0.6571	0.0600	0.0118	8	0.63	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.7100	0.0200	0.6571	0.0600	0.0118	8	0.88	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.7290	0.0000	0.6571	0.0600	0.0118	8	1.20	5%	0
128.99	Isoleucine, Miscellaneous (%)	0889	0.9050	0.1300				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.315	0.0000	1.400	0.0584	0.0203	23	-1.46	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.331	0.0612	1.400	0.0584	0.0203	23	-1.18	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.340	0.0200	1.400	0.0584	0.0203	23	-1.03	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.345	0.0100	1.400	0.0584	0.0203	23	-0.95	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.351	0.0460	1.400	0.0584	0.0203	23	-0.85	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.360	0.0200	1.400	0.0584	0.0203	23	-0.69	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.369	0.0200	1.400	0.0584	0.0203	23	-0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.375	0.0300	1.400	0.0584	0.0203	23	-0.43	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.378	0.0100	1.400	0.0584	0.0203	23	-0.38	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.379	0.0010	1.400	0.0584	0.0203	23	-0.37	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.390	0.0400	1.400	0.0584	0.0203	23	-0.18	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.392	0.0190	1.400	0.0584	0.0203	23	-0.15	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.395	0.0010	1.400	0.0584	0.0203	23	-0.10	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.400	0.0200	1.400	0.0584	0.0203	23	-0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.414	0.0060	1.400	0.0584	0.0203	23	0.23	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.415	0.0100	1.400	0.0584	0.0203	23	0.25	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.430	0.0200	1.400	0.0584	0.0203	23	0.51	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.455	0.0300	1.400	0.0584	0.0203	23	0.94	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.464	0.0144	1.400	0.0584	0.0203	23	1.08	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			
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.466	0.0140	1.400	0.0584	0.0203	23	1.13	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.473	0.0110	1.400	0.0584	0.0203	23	1.24	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.485	0.0100	1.400	0.0584	0.0203	23	1.45	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.497	0.0540	1.400	0.0584	0.0203	23	1.66	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	14.19	0.2800	1.400	0.0584	0.0203	23	219.18	457%	2
129.02	Leucine, Post-col OPA Der (%)	0098	1.410	0.0180				1			0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.217	0.0290	1.336	0.0940	0.0103	8	-1.27	4%	0
129.05	Leucine, Pre-col AQC Der (%)	2195	1.260	0.0000	1.336	0.0940	0.0103	8	-0.81	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.275	0.0300	1.336	0.0940	0.0103	8	-0.65	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.329	0.0230	1.336	0.0940	0.0103	8	-0.08	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.350	0.0000	1.336	0.0940	0.0103	8	0.15	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.376	0.0000	1.336	0.0940	0.0103	8	0.43	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.420	0.0000	1.336	0.0940	0.0103	8	0.90	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.460	0.0000	1.336	0.0940	0.0103	8	1.32	5%	0
129.99	Leucine, Miscellaneous (%)	0889	0.6950	0.0100				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.6970	0.0000	0.8629	0.0485	0.0170	23	-3.42	10%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.8100	0.0000	0.8629	0.0485	0.0170	23	-1.09	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.8200	0.0200	0.8629	0.0485	0.0170	23	-0.88	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.8200	0.0200	0.8629	0.0485	0.0170	23	-0.88	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.8240	0.0240	0.8629	0.0485	0.0170	23	-0.80	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.8300	0.0060	0.8629	0.0485	0.0170	23	-0.68	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.8300	0.0400	0.8629	0.0485	0.0170	23	-0.68	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.8390	0.0040	0.8629	0.0485	0.0170	23	-0.49	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.8400	0.0020	0.8629	0.0485	0.0170	23	-0.47	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.8440	0.0020	0.8629	0.0485	0.0170	23	-0.39	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.8515	0.0110	0.8629	0.0485	0.0170	23	-0.23	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.8550	0.0100	0.8629	0.0485	0.0170	23	-0.16	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.8565	0.0190	0.8629	0.0485	0.0170	23	-0.13	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.8590	0.0180	0.8629	0.0485	0.0170	23	-0.08	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.8610	0.0060	0.8629	0.0485	0.0170	23	-0.04	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.8900	0.0200	0.8629	0.0485	0.0170	23	0.56	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.8980	0.0420	0.8629	0.0485	0.0170	23	0.72	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.9090	0.0570	0.8629	0.0485	0.0170	23	0.95	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.9130	0.0120	0.8629	0.0485	0.0170	23	1.03	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.9143	0.0256	0.8629	0.0485	0.0170	23	1.06	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.9200	0.0400	0.8629	0.0485	0.0170	23	1.18	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.9418	0.0120	0.8629	0.0485	0.0170	23	1.63	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	1.040	0.0000	0.8629	0.0485	0.0170	23	3.65	10%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	8.690	0.3000	0.8629	0.0485	0.0170	23	161.40	454%	2
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.8630	0.0300				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.7345	0.0190	0.8545	0.0345	0.0188	8	-3.48	7%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.8250	0.0100	0.8545	0.0345	0.0188	8	-0.86	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
130.05	L-Lysine, Pre-col AQC Der (%)	2195	0.8500	0.0000	0.8545	0.0345	0.0188	8	-0.13	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.8540	0.0000	0.8545	0.0345	0.0188	8	-0.02	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.8545	0.0410	0.8545	0.0345	0.0188	8	0.00	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.8750	0.0100	0.8545	0.0345	0.0188	8	0.59	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.8750	0.0100	0.8545	0.0345	0.0188	8	0.59	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.9000	0.0600	0.8545	0.0345	0.0188	8	1.32	3%	0
130.99	L-Lysine, Miscellaneous (%)	0889	1.070	0.0000				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.2115	0.0090	0.2791	0.0294	0.0112	23	-2.30	12%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.2450	0.0100	0.2791	0.0294	0.0112	23	-1.16	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2500	0.0200	0.2791	0.0294	0.0112	23	-0.99	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2510	0.0000	0.2791	0.0294	0.0112	23	-0.95	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.2578	0.0080	0.2791	0.0294	0.0112	23	-0.72	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.2590	0.0120	0.2791	0.0294	0.0112	23	-0.68	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.2600	0.0200	0.2791	0.0294	0.0112	23	-0.65	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2600	0.0000	0.2791	0.0294	0.0112	23	-0.65	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2605	0.0010	0.2791	0.0294	0.0112	23	-0.63	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.2750	0.0100	0.2791	0.0294	0.0112	23	-0.14	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2755	0.0070	0.2791	0.0294	0.0112	23	-0.12	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2800	0.0200	0.2791	0.0294	0.0112	23	0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.2830	0.0020	0.2791	0.0294	0.0112	23	0.13	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.2860	0.0100	0.2791	0.0294	0.0112	23	0.23	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2870	0.0020	0.2791	0.0294	0.0112	23	0.27	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.2870	0.0060	0.2791	0.0294	0.0112	23	0.27	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2895	0.0030	0.2791	0.0294	0.0112	23	0.35	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2915	0.0030	0.2791	0.0294	0.0112	23	0.42	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.3012	0.0120	0.2791	0.0294	0.0112	23	0.75	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.3155	0.0430	0.2791	0.0294	0.0112	23	1.24	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.3250	0.0100	0.2791	0.0294	0.0112	23	1.56	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.3300	0.0400	0.2791	0.0294	0.0112	23	1.73	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.3370	0.0100	0.2791	0.0294	0.0112	23	1.97	10%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	2.675	0.0100	0.2791	0.0294	0.0112	23	81.39	429%	2
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2770	0.0160				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2100	0.0200	0.2774	0.0542	0.0144	8	-1.24	12%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2243	0.0405	0.2774	0.0542	0.0144	8	-0.98	10%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2550	0.0100	0.2774	0.0542	0.0144	8	-0.41	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.2735	0.0050	0.2774	0.0542	0.0144	8	-0.07	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.2950	0.0100	0.2774	0.0542	0.0144	8	0.32	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2980	0.0000	0.2774	0.0542	0.0144	8	0.38	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.3050	0.0300	0.2774	0.0542	0.0144	8	0.51	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2195	0.4100	0.0000	0.2774	0.0542	0.0144	8	2.45	24%	0
131.99	Methionine, Miscellaneous (%)	0889	1.435	0.0100				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.8950	0.0100	0.9645	0.0470	0.0156	23	-1.48	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			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.9025	0.0070	0.9645	0.0470	0.0156	23	-1.32	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.9100	0.0000	0.9645	0.0470	0.0156	23	-1.16	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.9193	0.0600	0.9645	0.0470	0.0156	23	-0.96	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.9200	0.0200	0.9645	0.0470	0.0156	23	-0.95	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.9350	0.0000	0.9645	0.0470	0.0156	23	-0.63	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.9350	0.0100	0.9645	0.0470	0.0156	23	-0.63	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.9475	0.0070	0.9645	0.0470	0.0156	23	-0.36	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.9505	0.0090	0.9645	0.0470	0.0156	23	-0.30	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.9590	0.0200	0.9645	0.0470	0.0156	23	-0.12	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.9600	0.0200	0.9645	0.0470	0.0156	23	-0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.9600	0.0200	0.9645	0.0470	0.0156	23	-0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.9635	0.0130	0.9645	0.0470	0.0156	23	-0.02	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.9776	0.0025	0.9645	0.0470	0.0156	23	0.28	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.9795	0.0130	0.9645	0.0470	0.0156	23	0.32	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.9815	0.0390	0.9645	0.0470	0.0156	23	0.36	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.9825	0.0010	0.9645	0.0470	0.0156	23	0.38	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.9885	0.0010	0.9645	0.0470	0.0156	23	0.51	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.006	0.0010	0.9645	0.0470	0.0156	23	0.87	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	1.006	0.0452	0.9645	0.0470	0.0156	23	0.88	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.040	0.0400	0.9645	0.0470	0.0156	23	1.61	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.060	0.0200	0.9645	0.0470	0.0156	23	2.03	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	1.100	0.0000	0.9645	0.0470	0.0156	23	2.88	7%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	9.815	0.0900	0.9645	0.0470	0.0156	23	188.14	459%	2
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.9610	0.0100				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.8345	0.0010	0.9147	0.0699	0.0114	8	-1.15	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.8550	0.0100	0.9147	0.0699	0.0114	8	-0.85	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2195	0.8700	0.0000	0.9147	0.0699	0.0114	8	-0.64	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.9050	0.0300	0.9147	0.0699	0.0114	8	-0.14	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.9210	0.0000	0.9147	0.0699	0.0114	8	0.09	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.9420	0.0100	0.9147	0.0699	0.0114	8	0.39	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.9750	0.0300	0.9147	0.0699	0.0114	8	0.86	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	1.015	0.0100	0.9147	0.0699	0.0114	8	1.44	5%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.8400	0.0200				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	1.085	0.0100	1.230	0.1047	0.0314	23	-1.38	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.109	0.0222	1.230	0.1047	0.0314	23	-1.16	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.129	0.0000	1.230	0.1047	0.0314	23	-0.96	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.138	0.0271	1.230	0.1047	0.0314	23	-0.88	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.145	0.0100	1.230	0.1047	0.0314	23	-0.81	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.155	0.0700	1.230	0.1047	0.0314	23	-0.72	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	1.167	0.0180	1.230	0.1047	0.0314	23	-0.60	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.181	0.0240	1.230	0.1047	0.0314	23	-0.47	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.190	0.0390	1.230	0.1047	0.0314	23	-0.39	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.195	0.0100	1.230	0.1047	0.0314	23	-0.33	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.217	0.0020	1.230	0.1047	0.0314	23	-0.12	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.220	0.0370	1.230	0.1047	0.0314	23	-0.10	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.224	0.0030	1.230	0.1047	0.0314	23	-0.06	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.224	0.0280	1.230	0.1047	0.0314	23	-0.06	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.230	0.0200	1.230	0.1047	0.0314	23	0.00	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.243	0.0110	1.230	0.1047	0.0314	23	0.12	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.276	0.0210	1.230	0.1047	0.0314	23	0.43	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.300	0.0400	1.230	0.1047	0.0314	23	0.67	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.346	0.0100	1.230	0.1047	0.0314	23	1.11	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.360	0.2823	1.230	0.1047	0.0314	23	1.24	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.385	0.0100	1.230	0.1047	0.0314	23	1.48	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.474	0.0280	1.230	0.1047	0.0314	23	2.33	10%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.920	0.0000	1.230	0.1047	0.0314	23	6.59	28%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	12.17	0.6100	1.230	0.1047	0.0314	23	104.40	444%	2
133.05	Proline, Pre-col AQC Der (%)	2196	1.136	0.0000	1.215	0.0779	0.0190	7	-1.01	3%	0
133.05	Proline, Pre-col AQC Der (%)	0407	1.140	0.0010	1.215	0.0779	0.0190	7	-0.97	3%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.173	0.0020	1.215	0.0779	0.0190	7	-0.54	2%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.210	0.0000	1.215	0.0779	0.0190	7	-0.06	0%	0
133.05	Proline, Pre-col AQC Der (%)	0610	1.265	0.0300	1.215	0.0779	0.0190	7	0.64	2%	0
133.05	Proline, Pre-col AQC Der (%)	2195	1.270	0.0000	1.215	0.0779	0.0190	7	0.71	2%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.310	0.1000	1.215	0.0779	0.0190	7	1.22	4%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.315	0.2300	1.215	0.0779	0.0190	7	1.29	4%	1
133.99	Proline, Miscellaneous (%)	0889	1.335	0.1300				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.8250	0.0500	0.9027	0.0341	0.0157	23	-2.28	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.8550	0.0100	0.9027	0.0341	0.0157	23	-1.40	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.8733	0.0102	0.9027	0.0341	0.0157	23	-0.86	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.8740	0.0000	0.9027	0.0341	0.0157	23	-0.84	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.8760	0.0080	0.9027	0.0341	0.0157	23	-0.79	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.8830	0.0240	0.9027	0.0341	0.0157	23	-0.58	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.8845	0.0130	0.9027	0.0341	0.0157	23	-0.54	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.8850	0.0300	0.9027	0.0341	0.0157	23	-0.52	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.8900	0.0200	0.9027	0.0341	0.0157	23	-0.37	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.8900	0.0200	0.9027	0.0341	0.0157	23	-0.37	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.8935	0.0030	0.9027	0.0341	0.0157	23	-0.27	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.9035	0.0190	0.9027	0.0341	0.0157	23	0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.9035	0.0030	0.9027	0.0341	0.0157	23	0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.9125	0.0530	0.9027	0.0341	0.0157	23	0.29	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.9125	0.0150	0.9027	0.0341	0.0157	23	0.29	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.9150	0.0100	0.9027	0.0341	0.0157	23	0.36	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.9150	0.0100	0.9027	0.0341	0.0157	23	0.36	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.9150	0.0100	0.9027	0.0341	0.0157	23	0.36	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.9165	0.0150	0.9027	0.0341	0.0157	23	0.40	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.9522	0.0029	0.9027	0.0341	0.0157	23	1.45	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.9930	0.0257	0.9027	0.0341	0.0157	23	2.65	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	1.000	0.0000	0.9027	0.0341	0.0157	23	2.86	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.095	0.0100	0.9027	0.0341	0.0157	23	5.64	11%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	9.490	0.3000	0.9027	0.0341	0.0157	23	252.09	476%	2
134.02	Serine, Post-col OPA Der (%)	0098	0.8605	0.0050				1			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.8585	0.0170	0.9145	0.0495	0.0103	8	-1.13	3%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.8650	0.0100	0.9145	0.0495	0.0103	8	-1.00	3%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.8900	0.0200	0.9145	0.0495	0.0103	8	-0.49	1%	0
134.05	Serine, Pre-col AQC Der (%)	2195	0.9100	0.0000	0.9145	0.0495	0.0103	8	-0.09	0%	0
134.05	Serine, Pre-col AQC Der (%)	0407	0.9215	0.0250	0.9145	0.0495	0.0103	8	0.14	0%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.9320	0.0000	0.9145	0.0495	0.0103	8	0.35	1%	0
134.05	Serine, Pre-col AQC Der (%)	0610	0.9500	0.0000	0.9145	0.0495	0.0103	8	0.72	2%	0
134.05	Serine, Pre-col AQC Der (%)	0676	1.055	0.0100	0.9145	0.0495	0.0103	8	2.84	8%	0
134.99	Serine, Miscellaneous (%)	0889	2.035	0.1100				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.6420	0.0000	0.7087	0.0383	0.0141	23	-1.74	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.6729	0.0517	0.7087	0.0383	0.0141	23	-0.94	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.6765	0.0090	0.7087	0.0383	0.0141	23	-0.84	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.6775	0.0170	0.7087	0.0383	0.0141	23	-0.81	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.6815	0.0090	0.7087	0.0383	0.0141	23	-0.71	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.6850	0.0100	0.7087	0.0383	0.0141	23	-0.62	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.6850	0.0100	0.7087	0.0383	0.0141	23	-0.62	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.6850	0.0040	0.7087	0.0383	0.0141	23	-0.62	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.6900	0.0200	0.7087	0.0383	0.0141	23	-0.49	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.7000	0.0000	0.7087	0.0383	0.0141	23	-0.23	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.7010	0.0040	0.7087	0.0383	0.0141	23	-0.20	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.7030	0.0040	0.7087	0.0383	0.0141	23	-0.15	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.7050	0.0100	0.7087	0.0383	0.0141	23	-0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.7050	0.0100	0.7087	0.0383	0.0141	23	-0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.7050	0.0500	0.7087	0.0383	0.0141	23	-0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.7100	0.0000	0.7087	0.0383	0.0141	23	0.04	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.7115	0.0050	0.7087	0.0383	0.0141	23	0.07	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.7452	0.0460	0.7087	0.0383	0.0141	23	0.95	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.7567	0.0240	0.7087	0.0383	0.0141	23	1.25	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.7600	0.0000	0.7087	0.0383	0.0141	23	1.34	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.7600	0.0140	0.7087	0.0383	0.0141	23	1.34	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.7805	0.0070	0.7087	0.0383	0.0141	23	1.88	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.8865	0.0190	0.7087	0.0383	0.0141	23	4.65	13%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	7.455	0.0500	0.7087	0.0383	0.0141	23	176.21	476%	2
135.02	Threonine, Post-col OPA Der (%)	0098	0.7085	0.0030				1			0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.5850	0.0100	0.6714	0.0637	0.0154	8	-1.36	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
135.05	Threonine, Pre-col AQC Der (%)	0407	0.6105	0.0190	0.6714	0.0637	0.0154	8	-0.96	5%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.6490	0.0240	0.6714	0.0637	0.0154	8	-0.35	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.6550	0.0500	0.6714	0.0637	0.0154	8	-0.26	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2195	0.6900	0.0000	0.6714	0.0637	0.0154	8	0.29	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.7120	0.0000	0.6714	0.0637	0.0154	8	0.64	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.7300	0.0200	0.6714	0.0637	0.0154	8	0.92	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.7400	0.0000	0.6714	0.0637	0.0154	8	1.08	5%	0
135.99	Threonine, Miscellaneous (%)	0889	1.315	0.1100				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.1750	0.0100	0.2149	0.0281	0.0078	7	-1.42	9%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.2050	0.0300	0.2149	0.0281	0.0078	7	-0.35	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.2073	0.0007	0.2149	0.0281	0.0078	7	-0.27	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2110	0.0000	0.2149	0.0281	0.0078	7	-0.14	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.2150	0.0100	0.2149	0.0281	0.0078	7	0.00	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.2410	0.0040	0.2149	0.0281	0.0078	7	0.93	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2500	0.0000	0.2149	0.0281	0.0078	7	1.25	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	2.280	0.0600	0.2149	0.0281	0.0078	7	73.56	480%	2
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.1895	0.0010				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.2260	0.0060				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.2300	0.0020				3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2230	0.0140				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.2170	0.0040	0.2215	0.0026	0.0020	6	-1.72	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.2200	0.0000	0.2215	0.0026	0.0020	6	-0.57	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0148	0.2215	0.0010	0.2215	0.0026	0.0020	6	0.00	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.2215	0.0010	0.2215	0.0026	0.0020	6	0.00	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.2230	0.0060	0.2215	0.0026	0.0020	6	0.57	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2500	0.0000	0.2215	0.0026	0.0020	6	10.86	6%	0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1825	0.0050				2			0
136.05	Tryptophan, Pre-col AQC Der (%)	2195	0.5700	0.0000				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.2100	0.0200				2			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.2450	0.0300				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.2500	0.0200	0.6056	0.0890	0.0096	16	-4.00	29%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.4270	0.0000	0.6056	0.0890	0.0096	16	-2.01	15%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.5200	0.0000	0.6056	0.0890	0.0096	16	-0.96	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.5360	0.0096	0.6056	0.0890	0.0096	16	-0.78	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.5500	0.0200	0.6056	0.0890	0.0096	16	-0.62	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.5880	0.0028	0.6056	0.0890	0.0096	16	-0.20	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.6105	0.0050	0.6056	0.0890	0.0096	16	0.05	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.6120	0.0100	0.6056	0.0890	0.0096	16	0.07	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.6190	0.0440	0.6056	0.0890	0.0096	16	0.15	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.6200	0.0000	0.6056	0.0890	0.0096	16	0.16	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.6535	0.0010	0.6056	0.0890	0.0096	16	0.54	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.6550	0.0100	0.6056	0.0890	0.0096	16	0.55	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.6555	0.0090	0.6056	0.0890	0.0096	16	0.56	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.6824	0.0008	0.6056	0.0890	0.0096	16	0.86	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.7045	0.0210	0.6056	0.0890	0.0096	16	1.11	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.8200	0.0000	0.6056	0.0890	0.0096	16	2.41	18%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.0900	0.0800	0.6056	0.0890	0.0096	16	-5.79	43%	1
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	6.535	0.0500	0.6056	0.0890	0.0096	16	66.62	490%	2
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.5795	0.0010				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.4940	0.0060	0.6149	0.0889	0.0176	7	-1.36	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.5380	0.0000	0.6149	0.0889	0.0176	7	-0.87	6%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.6100	0.0000	0.6149	0.0889	0.0176	7	-0.06	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.6175	0.0270	0.6149	0.0889	0.0176	7	0.03	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.6400	0.0400	0.6149	0.0889	0.0176	7	0.28	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.6900	0.0200	0.6149	0.0889	0.0176	7	0.84	6%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.7150	0.0300	0.6149	0.0889	0.0176	7	1.13	8%	0
137.99	Tyrosine, Miscellaneous (%)	0889	0.6050	0.0100				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.7604	0.0450	0.9125	0.0593	0.0159	23	-2.56	8%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.8100	0.0000	0.9125	0.0593	0.0159	23	-1.73	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.8425	0.0130	0.9125	0.0593	0.0159	23	-1.18	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.8443	0.0430	0.9125	0.0593	0.0159	23	-1.15	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.8500	0.0200	0.9125	0.0593	0.0159	23	-1.05	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.8530	0.0300	0.9125	0.0593	0.0159	23	-1.00	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.8920	0.0000	0.9125	0.0593	0.0159	23	-0.34	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.9000	0.0000	0.9125	0.0593	0.0159	23	-0.21	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.9005	0.0110	0.9125	0.0593	0.0159	23	-0.20	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.9050	0.0300	0.9125	0.0593	0.0159	23	-0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.9165	0.0130	0.9125	0.0593	0.0159	23	0.07	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.9210	0.0120	0.9125	0.0593	0.0159	23	0.14	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.9340	0.0040	0.9125	0.0593	0.0159	23	0.36	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.9350	0.0100	0.9125	0.0593	0.0159	23	0.38	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.9400	0.0200	0.9125	0.0593	0.0159	23	0.46	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.9420	0.0140	0.9125	0.0593	0.0159	23	0.50	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.9450	0.0700	0.9125	0.0593	0.0159	23	0.55	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.9475	0.0070	0.9125	0.0593	0.0159	23	0.59	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.9490	0.0060	0.9125	0.0593	0.0159	23	0.62	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.9515	0.0050	0.9125	0.0593	0.0159	23	0.66	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.9680	0.0020	0.9125	0.0593	0.0159	23	0.94	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.006	0.0020	0.9125	0.0593	0.0159	23	1.58	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.016	0.0077	0.9125	0.0593	0.0159	23	1.75	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	9.705	0.2500	0.9125	0.0593	0.0159	23	148.16	482%	2
138.02	Valine, Post-col OPA Der (%)	0098	1.018	0.0230				1			0
138.05	Valine, Pre-col AQC Der (%)	0407	0.7255	0.0490	0.8906	0.1197	0.0198	8	-1.38	9%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.8000	0.0200	0.8906	0.1197	0.0198	8	-0.76	5%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
138.05	Valine, Pre-col AQC Der (%)	2195	0.8000	0.0000	0.8906	0.1197	0.0198	8	-0.76	5%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.8965	0.0190	0.8906	0.1197	0.0198	8	0.05	0%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.9450	0.0100	0.8906	0.1197	0.0198	8	0.45	3%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.9480	0.0000	0.8906	0.1197	0.0198	8	0.48	3%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.9750	0.0500	0.8906	0.1197	0.0198	8	0.71	5%	0
138.05	Valine, Pre-col AQC Der (%)	0610	1.035	0.0100	0.8906	0.1197	0.0198	8	1.21	8%	0
138.99	Valine, Miscellaneous (%)	0889	0.6600	0.0400				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0340	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1850	0.0300				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0605	0.0970				1			0
139.05	Taurine, Pre-col AQC Der (%)	0148	0.0000	0.0000				1			4
139.99	Taurine, Miscellaneous (%)	0889	0.0600	0.0000				2			0
139.99	Taurine, Miscellaneous (%)	0610	0.2200	0.0000				2			0
160.99	Fructose, Miscellaneous (%)	0297	0.1450	0.0180				3			0
160.99	Fructose, Miscellaneous (%)	0227	0.2000	0.0400				3			0
160.99	Fructose, Miscellaneous (%)	0148	0.3150	0.0100				3			0
160.99	Fructose, Miscellaneous (%)	0619	0.0000	0.0000				3			4
161.99	Galactose, Miscellaneous (%)	0297	0.0000	0.0000				0			4
162.99	Glucose, Miscellaneous (%)	0148	0.1450	0.0900				3			0
162.99	Glucose, Miscellaneous (%)	0297	0.1460	0.0080				3			0
162.99	Glucose, Miscellaneous (%)	0227	0.1750	0.0100				3			0
162.99	Glucose, Miscellaneous (%)	0619	0.0000	0.0000				3			4
163.99	Lactose, Miscellaneous (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0148	0.0350	0.0700				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.99	Maltose, Miscellaneous (%)	0297	0.0000	0.0000				0			4
164.99	Maltose, Miscellaneous (%)	0148	0.0300	0.0600				0			4
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5
165.99	Sucrose, Miscellaneous (%)	0148	0.5250	0.0300				3			0
165.99	Sucrose, Miscellaneous (%)	0619	0.6340	0.0080				3			0
165.99	Sucrose, Miscellaneous (%)	0227	0.6550	0.0100				3			0
165.99	Sucrose, Miscellaneous (%)	0297	1.460	0.0470				3			2
166.99	Raffinose, Miscellaneous (%)	0297	0.5305	0.0670				3			0
166.99	Raffinose, Miscellaneous (%)	0227	0.8200	0.0000				3			0
166.99	Raffinose, Miscellaneous (%)	0619	1.145	0.0100				3			0
167.99	Stachyose, Miscellaneous (%)	0297	0.1545	0.0210				3			0
167.99	Stachyose, Miscellaneous (%)	0227	0.1750	0.0100				3			0
167.99	Stachyose, Miscellaneous (%)	0619	0.2620	0.0020				3			0
365.00	Monensin, Plate (mg/kg (ppm))	0964	103.0	0.2205				3			0
365.00	Monensin, Plate (mg/kg (ppm))	0043	120.8	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			
365.00	Monensin, Plate (mg/kg (ppm))	0035	139.9	6.160				3			0
365.02	Monensin, LC (mg/kg (ppm))	2192	87.90	1.000	103.9	9.971	1.732	5			0
365.02	Monensin, LC (mg/kg (ppm))	2135	101.9	3.058	103.9	9.971	1.732	5			0
365.02	Monensin, LC (mg/kg (ppm))	0610	105.7	2.000	103.9	9.971	1.732	5			0
365.02	Monensin, LC (mg/kg (ppm))	0629	110.5	1.000	103.9	9.971	1.732	5			0
365.02	Monensin, LC (mg/kg (ppm))	0035	113.4	1.600	103.9	9.971	1.732	5			0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0148	113.0	8.600	116.4	3.628	4.975	5			0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0218	114.1	6.375	116.4	3.628	4.975	5			0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0032	116.0	2.000	116.4	3.628	4.975	5			0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0036	116.5	1.200	116.4	3.628	4.975	5			0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0010	122.4	6.700	116.4	3.628	4.975	5			0
365.04	Monensin, LC-MS (mg/kg (ppm))	2053	108.0	4.000				2			0
365.04	Monensin, LC-MS (mg/kg (ppm))	0013	115.1	11.87				2			0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2113	115.0	30.00	141.5	24.55	17.05	6	-1.08	9%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0001	118.5	5.000	141.5	24.55	17.05	6	-0.94	8%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0553	136.1	13.50	141.5	24.55	17.05	6	-0.22	2%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0610	153.3	1.800	141.5	24.55	17.05	6	0.48	4%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2055	160.0	50.00	141.5	24.55	17.05	6	0.75	7%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0555	166.0	2.000	141.5	24.55	17.05	6	1.00	9%	0
365.99	Monensin, Miscellaneous (mg/kg (ppm))	0910	111.5	8.300				3			0
365.99	Monensin, Miscellaneous (mg/kg (ppm))	0171	128.0	0.0000				3			0
365.99	Monensin, Miscellaneous (mg/kg (ppm))	0668	128.0	14.00				3			0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.4856	0.0003	0.4953	0.0109	0.0017	6	-0.90	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4880	0.0000	0.4953	0.0109	0.0017	6	-0.67	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4915	0.0050	0.4953	0.0109	0.0017	6	-0.35	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4944	0.0036	0.4953	0.0109	0.0017	6	-0.09	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.5009	0.0005	0.4953	0.0109	0.0017	6	0.50	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2009	0.5355	0.0010	0.4953	0.0109	0.0017	6	3.67	4%	0
400.99	Water Activity, Miscellaneous (Units)	0843	0.4870	0.0000				3			0
400.99	Water Activity, Miscellaneous (Units)	0015	0.4980	0.0020				3			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.4980	0.0040				3			0
412.01	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	6.800	0.0600				2			0
412.01	Starch, Dietary, Enzymatic-Colorimetric (%)	0015	6.970	2.060				2			0
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0045	0.8050	0.0300				2			0
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0171	0.9680	0.0040				2			0
516.43	Arsenic, Total, ICP, Microwave (mg / kg (ppm))	0407	1.646	0.0690				1			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.8720	0.0460				3			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.045	0.2900				3			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	2146	1.050	0.0600				3			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.9770	0.0260	1.211	0.1894	0.0195	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	2012	1.153	0.0090	1.211	0.1894	0.0195	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0098	1.303	0.0350	1.211	0.1894	0.0195	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			
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0918	1.414	0.0078	1.211	0.1894	0.0195	4		0	
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0227	1.040	0.2800	1.211	0.1894	0.0195	4		1	
518.32	Cadmium, AAS, Open vessel (mg / kg (ppm))	2146	0.4065	0.0150				1		0	
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.3550	0.1320				1		0	
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0968	0.4055	0.0270				1		0	
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.4250	0.0100				3		0	
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.4315	0.0130				3		0	
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.4600	0.0200				3		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2055	0.3570	0.0040	0.4333	0.0550	0.0104	5		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.4175	0.0050	0.4333	0.0550	0.0104	5		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.4226	0.0061	0.4333	0.0550	0.0104	5		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.4675	0.0250	0.4333	0.0550	0.0104	5		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2012	0.5020	0.0120	0.4333	0.0550	0.0104	5		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.4695	0.0990	0.4333	0.0550	0.0104	5		1	
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	27.91	11.89				1		0	
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	18.47	1.266				3		0	
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	2053	19.54	0.9400				3		0	
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	21.00	0.4000				3		0	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0968	14.62	0.6810				2		0	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	22.69	0.1400				2		0	
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	11.55	0.5000				1		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	15.69	1.320	19.53	2.628	1.215	4		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	20.10	0.4000	19.53	2.628	1.215	4		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2055	20.78	2.639	19.53	2.628	1.215	4		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0164	21.55	0.5000	19.53	2.628	1.215	4		0	
526.32	Lead, AAS, Open vessel (mg / kg (ppm))	2146	0.5030	0.0780				1		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.4505	0.0490				1		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.4475	0.0090				3		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.4700	0.0000				3		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.5450	0.1100				3		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.4625	0.0070	0.5107	0.0554	0.0176	5		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.4685	0.0410	0.5107	0.0554	0.0176	5		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.5036	0.0082	0.5107	0.0554	0.0176	5		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.5185	0.0090	0.5107	0.0554	0.0176	5		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	2012	0.6005	0.0230	0.5107	0.0554	0.0176	5		0	
529.99	Mercury, Miscellaneous (µg / kg (ppb))	2012	6.559	1.752				1		0	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	11.75	4.259				1		0	
539.42	Nickel, ICP, Open vessel (mg / kg (ppm))	0186	7.410	0.0400				1		0	
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	6.015	0.1700				1		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	8.399	0.0197				2		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	9.655	0.5500				2		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.0017	0.0004				1		0	

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0619	0.0055	0.0017				1		0	
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.0008	0.0001				1		0	
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.0005	0.0000				1		0	
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	0619	0.0135	0.0003				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	0.0300	0.0000				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					1		5	
714.01	Myristic Acid (14:0) , Direct Methylation by Alkali Hydrolysi	0619	0.0279	0.0003				1		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0226	0.0200	0.0000				2		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0164	0.0400	0.0000				2		0	
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi:	0619	0.8776	0.0068				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.7000	0.0800				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.8900	0.0000				2		0	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.0366	0.0010				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0300	0.0200				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	< 0.04					1		5	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	0.2046	0.0014				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.1900	0.0200				1		0	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0619	0.9217	0.0076				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.7050	0.0300				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.8850	0.0100				2		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	1.187	0.0018				1		0	
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alk	0148	0.6450	0.0500				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	0.9050	0.1900				2		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	1.300	0.0800				2		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.0389	0.0001				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0226	0.0350	0.0100				2		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0164	0.0550	0.0100				2		0	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydrolysi	0619	0.0225	0.0004				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0150	0.0100				1		0	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr	0619	0.0273	0.0007				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0100	0.0000				1		0	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	0619	0.0000	0.0000				0		4	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkal	0619	0.0000	0.0000				0		4	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Dir	0619	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	< 0.005					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0100	0.0000				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali 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	< 0.005					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0100	0.0000				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			
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0619	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	< 0.005					0		5	
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	0619	0.0000	0.0000				0		4	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0		5	
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct	0148	0.0400	0.0000				1		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0164	0.0600	0.0000				1		0	
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct	0148	0.6450	0.0500				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0164	1.315	0.0700				1		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.245	0.0100				1		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w	0164	0.9900	0.0000				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/v	0164	1.385	0.0700				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	3.815	0.0500				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	2.620	0.0400				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	3.645	0.0500				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.