



**AAFCO**  
Proficiency Testing Program



**Poultry Feed**

**Animal Feed Scheme**

**# Labs Reporting: 203**

**Test Material Code # 201824**

**Method Proficiency Testing Report**

**Issue Date : 05/31/2018**

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	0.55000	0.10000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	8.3350	0.01000	9.3442	0.57256	0.02372	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.4795	0.04300	9.3442	0.57256	0.02372	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.5200	0.00000	9.3442	0.57256	0.02372	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.6880	0.04000	9.3442	0.57256	0.02372	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0183	9.6983	0.02560	9.3442	0.57256	0.02372	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.0800	0.44000	9.3442	0.57256	0.02372	5			1
001.02	Loss on Drying, Vac on sand (%)	0874	9.1250	0.07000				1			0
001.03	Loss on Drying, Low temp. methods (%)	2145	9.1400	0.00000	9.4007	0.29581	0.01263	7	-0.88	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	9.2100	0.02000	9.4007	0.29581	0.01263	7	-0.64	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	9.2150	0.01000	9.4007	0.29581	0.01263	7	-0.63	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	9.3450	0.01000	9.4007	0.29581	0.01263	7	-0.19	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.3700	0.02000	9.4007	0.29581	0.01263	7	-0.10	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	9.7200	0.02000	9.4007	0.29581	0.01263	7	1.08	2%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	9.8050	0.00840	9.4007	0.29581	0.01263	7	1.37	2%	0
001.05	Loss on Drying, LECO (%)	0610	8.6850	0.01000				2			0
001.05	Loss on Drying, LECO (%)	0644	9.5600	0.00000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	8.3400	0.06000	9.4080	0.26250	0.08726	42	-4.07	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	8.7000	0.00000	9.4080	0.26250	0.08726	42	-2.70	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.8050	0.13000	9.4080	0.26250	0.08726	42	-2.30	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	8.9340	0.03200	9.4080	0.26250	0.08726	42	-1.81	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	8.9700	0.26000	9.4080	0.26250	0.08726	42	-1.67	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	9.1707	0.00670	9.4080	0.26250	0.08726	42	-0.90	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.2000	0.14000	9.4080	0.26250	0.08726	42	-0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.2250	0.07000	9.4080	0.26250	0.08726	42	-0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.2450	0.01000	9.4080	0.26250	0.08726	42	-0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	9.2500	0.30000	9.4080	0.26250	0.08726	42	-0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	9.2550	0.01000	9.4080	0.26250	0.08726	42	-0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	9.2600	0.06000	9.4080	0.26250	0.08726	42	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	9.2600	0.08000	9.4080	0.26250	0.08726	42	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.2950	0.17000	9.4080	0.26250	0.08726	42	-0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	9.3050	0.11000	9.4080	0.26250	0.08726	42	-0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.3150	0.05000	9.4080	0.26250	0.08726	42	-0.35	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.3550	0.07000	9.4080	0.26250	0.08726	42	-0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.3600	0.00000	9.4080	0.26250	0.08726	42	-0.18	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 (%)	0345	9.3750	0.05000	9.4080	0.26250	0.08726	42	-0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	9.3804	0.01030	9.4080	0.26250	0.08726	42	-0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	9.3900	0.18000	9.4080	0.26250	0.08726	42	-0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.3950	0.05000	9.4080	0.26250	0.08726	42	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	9.4150	0.11000	9.4080	0.26250	0.08726	42	0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	9.4250	0.09000	9.4080	0.26250	0.08726	42	0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	9.4360	0.07600	9.4080	0.26250	0.08726	42	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	9.4600	0.18000	9.4080	0.26250	0.08726	42	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.4650	0.03000	9.4080	0.26250	0.08726	42	0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	9.4800	0.00000	9.4080	0.26250	0.08726	42	0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.5000	0.00000	9.4080	0.26250	0.08726	42	0.35	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	9.5050	0.07000	9.4080	0.26250	0.08726	42	0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	9.5200	0.02000	9.4080	0.26250	0.08726	42	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	9.5750	0.29000	9.4080	0.26250	0.08726	42	0.64	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	9.5850	0.27000	9.4080	0.26250	0.08726	42	0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.6250	0.21000	9.4080	0.26250	0.08726	42	0.83	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.6600	0.04000	9.4080	0.26250	0.08726	42	0.96	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.6950	0.05000	9.4080	0.26250	0.08726	42	1.09	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	9.7500	0.02000	9.4080	0.26250	0.08726	42	1.30	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.7550	0.01000	9.4080	0.26250	0.08726	42	1.32	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.7800	0.04000	9.4080	0.26250	0.08726	42	1.42	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.7950	0.11000	9.4080	0.26250	0.08726	42	1.47	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.8350	0.07000	9.4080	0.26250	0.08726	42	1.63	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.8850	0.13000	9.4080	0.26250	0.08726	42	1.82	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.5490	0.66000	9.4080	0.26250	0.08726	42	0.54	1%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	5.4300	0.06000	9.4080	0.26250	0.08726	42	-15.15	21%	2
001.99	Loss on Drying, Miscellaneous (%)	2161	6.4100	0.04000	9.2775	0.63229	0.13470	25	-4.54	15%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	7.1500	0.08000	9.2775	0.63229	0.13470	25	-3.36	11%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	7.9050	0.11000	9.2775	0.63229	0.13470	25	-2.17	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.4150	0.27000	9.2775	0.63229	0.13470	25	-1.36	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.6100	0.18000	9.2775	0.63229	0.13470	25	-1.06	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0034	8.8050	0.25000	9.2775	0.63229	0.13470	25	-0.75	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	8.9650	0.07000	9.2775	0.63229	0.13470	25	-0.49	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	9.0550	0.05000	9.2775	0.63229	0.13470	25	-0.35	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.1600	0.02000	9.2775	0.63229	0.13470	25	-0.19	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	9.2600	0.10000	9.2775	0.63229	0.13470	25	-0.03	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.3000	0.00000	9.2775	0.63229	0.13470	25	0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	9.3650	0.03000	9.2775	0.63229	0.13470	25	0.14	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	9.4500	0.22000	9.2775	0.63229	0.13470	25	0.27	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.4650	0.25000	9.2775	0.63229	0.13470	25	0.30	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	9.4800	0.44000	9.2775	0.63229	0.13470	25	0.32	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2126	9.4900	0.08000	9.2775	0.63229	0.13470	25	0.34	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.99	Loss on Drying, Miscellaneous (%)	0852	9.4950	0.11000	9.2775	0.63229	0.13470	25	0.34	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	9.5000	0.46000	9.2775	0.63229	0.13470	25	0.35	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	9.5000	0.00000	9.2775	0.63229	0.13470	25	0.35	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.5950	0.03000	9.2775	0.63229	0.13470	25	0.50	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	9.7850	0.01000	9.2775	0.63229	0.13470	25	0.80	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	9.9188	0.07540	9.2775	0.63229	0.13470	25	1.01	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	10.005	0.13000	9.2775	0.63229	0.13470	25	1.15	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0914	10.105	0.27000	9.2775	0.63229	0.13470	25	1.31	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	10.360	0.09220	9.2775	0.63229	0.13470	25	1.71	6%	0
002.00	Protein, Crude, Crude (%)	0940	18.220	0.00000				1			0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0043	17.920	0.22000	18.369	0.25852	0.08397	19	-1.74	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	18.050	0.04000	18.369	0.25852	0.08397	19	-1.23	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0662	18.094	0.06250	18.369	0.25852	0.08397	19	-1.07	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0152	18.135	0.03000	18.369	0.25852	0.08397	19	-0.91	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0653	18.175	0.03000	18.369	0.25852	0.08397	19	-0.75	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	18.192	0.04300	18.369	0.25852	0.08397	19	-0.69	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	18.265	0.17000	18.369	0.25852	0.08397	19	-0.40	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0723	18.330	0.00000	18.369	0.25852	0.08397	19	-0.15	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	18.340	0.00000	18.369	0.25852	0.08397	19	-0.11	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	18.350	0.10000	18.369	0.25852	0.08397	19	-0.07	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0164	18.400	0.06000	18.369	0.25852	0.08397	19	0.12	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0860	18.450	0.00000	18.369	0.25852	0.08397	19	0.31	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0028	18.480	0.34000	18.369	0.25852	0.08397	19	0.43	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	18.486	0.01000	18.369	0.25852	0.08397	19	0.45	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	18.575	0.05000	18.369	0.25852	0.08397	19	0.80	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	18.610	0.08000	18.369	0.25852	0.08397	19	0.93	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	18.645	0.09000	18.369	0.25852	0.08397	19	1.07	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0656	18.700	0.12000	18.369	0.25852	0.08397	19	1.28	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0183	19.285	0.15000	18.369	0.25852	0.08397	19	3.54	2%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0042	17.430	0.26000	18.034	0.43171	0.15930	4			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0169	18.025	0.07000	18.034	0.43171	0.15930	4			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	18.280	0.20720	18.034	0.43171	0.15930	4			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	18.400	0.10000	18.034	0.43171	0.15930	4			0
002.03	Protein, Crude, Hach Method (%)	0536	15.315	0.29000				2			0
002.03	Protein, Crude, Hach Method (%)	2128	18.292	0.12900				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0874	17.695	0.29000	18.036	0.23994	0.12750	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0187	18.065	0.13000	18.036	0.23994	0.12750	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	18.135	0.05000	18.036	0.23994	0.12750	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	18.250	0.04000	18.036	0.23994	0.12750	4			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	17.480	0.12000	18.300	0.23260	0.06523	35	-3.53	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0722	17.818	0.07030	18.300	0.23260	0.06523	35	-2.07	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	17.938	0.04920	18.300	0.23260	0.06523	35	-1.56	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	18.000	0.08000	18.300	0.23260	0.06523	35	-1.29	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	18.010	0.06000	18.300	0.23260	0.06523	35	-1.25	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	18.045	0.13000	18.300	0.23260	0.06523	35	-1.10	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	18.075	0.05000	18.300	0.23260	0.06523	35	-0.97	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0674	18.140	0.00000	18.300	0.23260	0.06523	35	-0.69	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	18.155	0.01000	18.300	0.23260	0.06523	35	-0.62	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2161	18.185	0.01000	18.300	0.23260	0.06523	35	-0.49	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2062	18.232	0.01550	18.300	0.23260	0.06523	35	-0.29	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	18.255	0.13000	18.300	0.23260	0.06523	35	-0.19	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	18.275	0.03000	18.300	0.23260	0.06523	35	-0.11	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	18.282	0.01710	18.300	0.23260	0.06523	35	-0.08	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	18.290	0.12000	18.300	0.23260	0.06523	35	-0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0881	18.296	0.03800	18.300	0.23260	0.06523	35	-0.02	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	18.300	0.06000	18.300	0.23260	0.06523	35	0.00	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	18.300	0.20000	18.300	0.23260	0.06523	35	0.00	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	18.300	0.18000	18.300	0.23260	0.06523	35	0.00	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	18.310	0.04000	18.300	0.23260	0.06523	35	0.04	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	18.330	0.02000	18.300	0.23260	0.06523	35	0.13	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	18.340	0.02000	18.300	0.23260	0.06523	35	0.17	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	18.345	0.01000	18.300	0.23260	0.06523	35	0.19	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	18.350	0.10000	18.300	0.23260	0.06523	35	0.22	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	18.360	0.00000	18.300	0.23260	0.06523	35	0.26	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2145	18.390	0.02000	18.300	0.23260	0.06523	35	0.39	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0895	18.435	0.01000	18.300	0.23260	0.06523	35	0.58	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	18.445	0.01000	18.300	0.23260	0.06523	35	0.62	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	18.487	0.02300	18.300	0.23260	0.06523	35	0.80	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	18.580	0.00000	18.300	0.23260	0.06523	35	1.20	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0952	18.590	0.08000	18.300	0.23260	0.06523	35	1.25	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	18.600	0.20000	18.300	0.23260	0.06523	35	1.29	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0849	18.645	0.03000	18.300	0.23260	0.06523	35	1.48	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	18.800	0.20000	18.300	0.23260	0.06523	35	2.15	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2012	19.165	0.15000	18.300	0.23260	0.06523	35	3.72	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	18.425	0.39000	18.300	0.23260	0.06523	35	0.54	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	17.730	0.20000	18.440	0.22001	0.14217	122	-3.23	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0720	17.810	0.08000	18.440	0.22001	0.14217	122	-2.86	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	17.870	0.16000	18.440	0.22001	0.14217	122	-2.59	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	17.940	0.04000	18.440	0.22001	0.14217	122	-2.27	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	18.015	0.25000	18.440	0.22001	0.14217	122	-1.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	18.025	0.01000	18.440	0.22001	0.14217	122	-1.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	18.090	0.10000	18.440	0.22001	0.14217	122	-1.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	18.115	0.13000	18.440	0.22001	0.14217	122	-1.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	18.120	0.56000	18.440	0.22001	0.14217	122	-1.45	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2190	18.120	0.18000	18.440	0.22001	0.14217	122	-1.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	18.150	0.10000	18.440	0.22001	0.14217	122	-1.32	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	18.160	0.22000	18.440	0.22001	0.14217	122	-1.27	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	18.160	0.06000	18.440	0.22001	0.14217	122	-1.27	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	18.170	0.14000	18.440	0.22001	0.14217	122	-1.23	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	18.175	0.05000	18.440	0.22001	0.14217	122	-1.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	18.175	0.10200	18.440	0.22001	0.14217	122	-1.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	18.185	0.05000	18.440	0.22001	0.14217	122	-1.16	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	18.190	0.12000	18.440	0.22001	0.14217	122	-1.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0043	18.200	0.20000	18.440	0.22001	0.14217	122	-1.09	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2178	18.224	0.39700	18.440	0.22001	0.14217	122	-0.98	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	18.245	0.27000	18.440	0.22001	0.14217	122	-0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	18.250	0.17500	18.440	0.22001	0.14217	122	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	18.250	0.11250	18.440	0.22001	0.14217	122	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	18.250	0.10000	18.440	0.22001	0.14217	122	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0955	18.250	0.10000	18.440	0.22001	0.14217	122	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	18.250	0.50000	18.440	0.22001	0.14217	122	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	18.274	0.13800	18.440	0.22001	0.14217	122	-0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	18.285	0.03000	18.440	0.22001	0.14217	122	-0.70	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	18.288	0.16600	18.440	0.22001	0.14217	122	-0.69	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	18.290	0.14000	18.440	0.22001	0.14217	122	-0.68	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	18.295	0.01000	18.440	0.22001	0.14217	122	-0.66	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	18.300	0.12000	18.440	0.22001	0.14217	122	-0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	18.300	0.00000	18.440	0.22001	0.14217	122	-0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	18.300	0.14000	18.440	0.22001	0.14217	122	-0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	18.300	0.00000	18.440	0.22001	0.14217	122	-0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	18.307	0.01900	18.440	0.22001	0.14217	122	-0.61	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	18.315	0.53000	18.440	0.22001	0.14217	122	-0.57	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	18.335	0.03000	18.440	0.22001	0.14217	122	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	18.339	0.01500	18.440	0.22001	0.14217	122	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	18.340	0.40000	18.440	0.22001	0.14217	122	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	18.340	0.16000	18.440	0.22001	0.14217	122	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	18.350	0.30000	18.440	0.22001	0.14217	122	-0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	18.350	0.10000	18.440	0.22001	0.14217	122	-0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	18.350	0.50000	18.440	0.22001	0.14217	122	-0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	18.375	0.23000	18.440	0.22001	0.14217	122	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	18.380	0.71300	18.440	0.22001	0.14217	122	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	18.385	0.05000	18.440	0.22001	0.14217	122	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2012	18.385	0.57000	18.440	0.22001	0.14217	122	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	18.388	0.01900	18.440	0.22001	0.14217	122	-0.24	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0695	18.389	0.01600	18.440	0.22001	0.14217	122	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	18.400	0.00000	18.440	0.22001	0.14217	122	-0.18	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 (%)	0610	18.400	0.00000	18.440	0.22001	0.14217	122	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	18.400	0.40000	18.440	0.22001	0.14217	122	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	18.409	0.20000	18.440	0.22001	0.14217	122	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	18.410	0.00000	18.440	0.22001	0.14217	122	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	18.428	0.20500	18.440	0.22001	0.14217	122	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	18.430	0.00000	18.440	0.22001	0.14217	122	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	18.430	0.14000	18.440	0.22001	0.14217	122	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	18.435	0.01000	18.440	0.22001	0.14217	122	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	18.440	0.04000	18.440	0.22001	0.14217	122	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	18.445	0.15000	18.440	0.22001	0.14217	122	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	18.445	0.09000	18.440	0.22001	0.14217	122	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0941	18.445	0.19000	18.440	0.22001	0.14217	122	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	18.450	0.10000	18.440	0.22001	0.14217	122	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0413	18.450	0.10000	18.440	0.22001	0.14217	122	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2053	18.450	0.26000	18.440	0.22001	0.14217	122	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	18.450	0.30000	18.440	0.22001	0.14217	122	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	18.455	0.01000	18.440	0.22001	0.14217	122	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	18.460	0.08000	18.440	0.22001	0.14217	122	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	18.460	0.12000	18.440	0.22001	0.14217	122	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	18.476	0.13000	18.440	0.22001	0.14217	122	0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	18.480	0.02000	18.440	0.22001	0.14217	122	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	18.480	0.22000	18.440	0.22001	0.14217	122	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0581	18.490	0.08000	18.440	0.22001	0.14217	122	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	18.500	0.60000	18.440	0.22001	0.14217	122	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0298	18.510	0.02000	18.440	0.22001	0.14217	122	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0596	18.510	0.20000	18.440	0.22001	0.14217	122	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	18.510	0.00000	18.440	0.22001	0.14217	122	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0205	18.525	0.01000	18.440	0.22001	0.14217	122	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	18.543	0.23100	18.440	0.22001	0.14217	122	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	18.545	0.13000	18.440	0.22001	0.14217	122	0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0861	18.545	0.01000	18.440	0.22001	0.14217	122	0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	18.550	0.30000	18.440	0.22001	0.14217	122	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0233	18.550	0.02000	18.440	0.22001	0.14217	122	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	18.550	0.30000	18.440	0.22001	0.14217	122	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	18.550	0.04000	18.440	0.22001	0.14217	122	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0630	18.555	0.13000	18.440	0.22001	0.14217	122	0.52	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	18.565	0.09000	18.440	0.22001	0.14217	122	0.57	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	18.575	0.03000	18.440	0.22001	0.14217	122	0.61	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	18.580	0.04000	18.440	0.22001	0.14217	122	0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	18.590	0.06000	18.440	0.22001	0.14217	122	0.68	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	18.605	0.01000	18.440	0.22001	0.14217	122	0.75	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	18.605	0.03000	18.440	0.22001	0.14217	122	0.75	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 (%)	0142	18.615	0.01000	18.440	0.22001	0.14217	122	0.80	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	18.620	0.02000	18.440	0.22001	0.14217	122	0.82	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	18.620	0.00000	18.440	0.22001	0.14217	122	0.82	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0592	18.630	0.08000	18.440	0.22001	0.14217	122	0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	18.640	0.08000	18.440	0.22001	0.14217	122	0.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	18.648	0.04670	18.440	0.22001	0.14217	122	0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	18.650	0.06000	18.440	0.22001	0.14217	122	0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0139	18.655	0.05000	18.440	0.22001	0.14217	122	0.98	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	18.660	0.00000	18.440	0.22001	0.14217	122	1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0300	18.663	0.40300	18.440	0.22001	0.14217	122	1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	1019	18.668	0.38200	18.440	0.22001	0.14217	122	1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	18.669	0.73800	18.440	0.22001	0.14217	122	1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	18.670	0.46000	18.440	0.22001	0.14217	122	1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2006	18.670	0.00000	18.440	0.22001	0.14217	122	1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0683	18.685	0.27000	18.440	0.22001	0.14217	122	1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	18.700	0.00000	18.440	0.22001	0.14217	122	1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0208	18.700	0.00000	18.440	0.22001	0.14217	122	1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0904	18.700	0.12000	18.440	0.22001	0.14217	122	1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	18.714	0.05800	18.440	0.22001	0.14217	122	1.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2161	18.735	0.11000	18.440	0.22001	0.14217	122	1.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	18.750	0.12500	18.440	0.22001	0.14217	122	1.41	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0563	18.761	0.00900	18.440	0.22001	0.14217	122	1.46	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2057	18.765	0.08400	18.440	0.22001	0.14217	122	1.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	18.825	0.01000	18.440	0.22001	0.14217	122	1.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	18.890	0.08000	18.440	0.22001	0.14217	122	2.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	18.915	0.01000	18.440	0.22001	0.14217	122	2.16	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	18.925	0.05000	18.440	0.22001	0.14217	122	2.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	18.935	0.17000	18.440	0.22001	0.14217	122	2.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	19.300	0.02000	18.440	0.22001	0.14217	122	3.91	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	18.600	1.6000	18.440	0.22001	0.14217	122	0.73	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	18.742	1.2770	18.440	0.22001	0.14217	122	1.37	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	21.050	1.7800	18.440	0.22001	0.14217	122	11.86	7%	2
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	21.220	0.56000	18.440	0.22001	0.14217	122	12.64	8%	2
002.08	Protein, Crude, Cu/Ti (%)	0098	18.270	0.04000				2			0
002.08	Protein, Crude, Cu/Ti (%)	0563	18.560	0.20110				2			0
002.10	Protein, Crude, Block dig/distillation (%)	0629	17.990	0.06000				1			0
002.11	Protein, Crude, NIR (%)	2190	17.720	0.10000	20.366	1.7725	0.19756	9	-1.49	6%	0
002.11	Protein, Crude, NIR (%)	2128	19.398	0.01800	20.366	1.7725	0.19756	9	-0.55	2%	0
002.11	Protein, Crude, NIR (%)	0720	19.780	0.12000	20.366	1.7725	0.19756	9	-0.33	1%	0
002.11	Protein, Crude, NIR (%)	0297	19.865	0.09000	20.366	1.7725	0.19756	9	-0.28	1%	0
002.11	Protein, Crude, NIR (%)	0852	20.025	0.05000	20.366	1.7725	0.19756	9	-0.19	1%	0
002.11	Protein, Crude, NIR (%)	0656	20.035	0.67000	20.366	1.7725	0.19756	9	-0.19	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	
002.11	Protein, Crude, NIR (%)	0889	21.290	0.60000	20.366	1.7725	0.19756	9	0.52	2%	0
002.11	Protein, Crude, NIR (%)	2121	22.495	0.13000	20.366	1.7725	0.19756	9	1.20	5%	0
002.11	Protein, Crude, NIR (%)	2120	22.690	0.00000	20.366	1.7725	0.19756	9	1.31	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0096	1.3250	0.19000	2.4000	0.22248	0.13482	14	-4.83	22%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0142	2.0750	0.05000	2.4000	0.22248	0.13482	14	-1.46	7%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2126	2.2500	0.10000	2.4000	0.22248	0.13482	14	-0.67	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	2.2600	0.02000	2.4000	0.22248	0.13482	14	-0.63	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	2.3050	0.07000	2.4000	0.22248	0.13482	14	-0.43	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	2.3350	0.25000	2.4000	0.22248	0.13482	14	-0.29	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0653	2.4000	0.04000	2.4000	0.22248	0.13482	14	0.00	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0175	2.4600	0.04000	2.4000	0.22248	0.13482	14	0.27	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2053	2.4850	0.01000	2.4000	0.22248	0.13482	14	0.38	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	2.4900	0.04000	2.4000	0.22248	0.13482	14	0.40	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0656	2.5700	0.20000	2.4000	0.22248	0.13482	14	0.76	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	2.5713	0.23370	2.4000	0.22248	0.13482	14	0.77	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	2.5990	0.36380	2.4000	0.22248	0.13482	14	0.89	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0152	7.2400	0.28000	2.4000	0.22248	0.13482	14	21.75	101%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	2.9900	0.28000				1			0
003.06	Fat, Crude, Pet Ether (%)	0300	2.0300	0.10000	2.4402	0.21993	0.08190	19	-1.87	8%	0
003.06	Fat, Crude, Pet Ether (%)	0297	2.1550	0.01000	2.4402	0.21993	0.08190	19	-1.30	6%	0
003.06	Fat, Crude, Pet Ether (%)	0884	2.2000	0.00000	2.4402	0.21993	0.08190	19	-1.09	5%	0
003.06	Fat, Crude, Pet Ether (%)	0083	2.2150	0.13000	2.4402	0.21993	0.08190	19	-1.02	5%	0
003.06	Fat, Crude, Pet Ether (%)	0294	2.2400	0.06000	2.4402	0.21993	0.08190	19	-0.91	4%	0
003.06	Fat, Crude, Pet Ether (%)	0169	2.2800	0.00000	2.4402	0.21993	0.08190	19	-0.73	3%	0
003.06	Fat, Crude, Pet Ether (%)	0644	2.4000	0.04400	2.4402	0.21993	0.08190	19	-0.18	1%	0
003.06	Fat, Crude, Pet Ether (%)	0910	2.4050	0.15000	2.4402	0.21993	0.08190	19	-0.16	1%	0
003.06	Fat, Crude, Pet Ether (%)	0849	2.4165	0.01300	2.4402	0.21993	0.08190	19	-0.11	0%	0
003.06	Fat, Crude, Pet Ether (%)	0689	2.4500	0.10000	2.4402	0.21993	0.08190	19	0.04	0%	0
003.06	Fat, Crude, Pet Ether (%)	0918	2.5100	0.30000	2.4402	0.21993	0.08190	19	0.32	1%	0
003.06	Fat, Crude, Pet Ether (%)	2181	2.5350	0.05000	2.4402	0.21993	0.08190	19	0.43	2%	0
003.06	Fat, Crude, Pet Ether (%)	0511	2.5700	0.36000	2.4402	0.21993	0.08190	19	0.59	3%	0
003.06	Fat, Crude, Pet Ether (%)	0687	2.5800	0.16000	2.4402	0.21993	0.08190	19	0.64	3%	0
003.06	Fat, Crude, Pet Ether (%)	0164	2.5950	0.03000	2.4402	0.21993	0.08190	19	0.70	3%	0
003.06	Fat, Crude, Pet Ether (%)	0425	2.6100	0.02000	2.4402	0.21993	0.08190	19	0.77	3%	0
003.06	Fat, Crude, Pet Ether (%)	0682	2.6600	0.00000	2.4402	0.21993	0.08190	19	1.00	5%	0
003.06	Fat, Crude, Pet Ether (%)	0229	2.6615	0.01900	2.4402	0.21993	0.08190	19	1.01	5%	0
003.06	Fat, Crude, Pet Ether (%)	0563	2.8777	0.01010	2.4402	0.21993	0.08190	19	1.99	9%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0722	2.0258	0.18170	2.4368	0.21048	0.06235	20	-1.95	8%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0263	2.0767	0.01330	2.4368	0.21048	0.06235	20	-1.71	7%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	2.1600	0.02000	2.4368	0.21048	0.06235	20	-1.31	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	2.3130	0.02200	2.4368	0.21048	0.06235	20	-0.59	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	2.3150	0.01000	2.4368	0.21048	0.06235	20	-0.58	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			
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0505	2.3500	0.02000	2.4368	0.21048	0.06235	20	-0.41	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	2.3500	0.00000	2.4368	0.21048	0.06235	20	-0.41	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0674	2.3500	0.00000	2.4368	0.21048	0.06235	20	-0.41	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	2.4100	0.00000	2.4368	0.21048	0.06235	20	-0.13	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2012	2.4400	0.00000	2.4368	0.21048	0.06235	20	0.02	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	2.4500	0.10000	2.4368	0.21048	0.06235	20	0.06	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	2.4550	0.05000	2.4368	0.21048	0.06235	20	0.09	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	2.4800	0.04000	2.4368	0.21048	0.06235	20	0.21	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	2.5000	0.02000	2.4368	0.21048	0.06235	20	0.30	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	2.5400	0.08000	2.4368	0.21048	0.06235	20	0.49	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	2.5750	0.15000	2.4368	0.21048	0.06235	20	0.66	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	2.6500	0.10000	2.4368	0.21048	0.06235	20	1.01	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	2.6500	0.18000	2.4368	0.21048	0.06235	20	1.01	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0630	2.8800	0.26000	2.4368	0.21048	0.06235	20	2.11	9%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0723	3.4571	0.00000	2.4368	0.21048	0.06235	20	4.85	21%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2089	1.8600	0.06000	2.3153	0.17527	0.06096	31	-2.60	10%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0952	1.9150	0.01000	2.3153	0.17527	0.06096	31	-2.28	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	2.0100	0.00000	2.3153	0.17527	0.06096	31	-1.74	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0298	2.1000	0.02000	2.3153	0.17527	0.06096	31	-1.23	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	2.1000	0.06000	2.3153	0.17527	0.06096	31	-1.23	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	2.1850	0.03000	2.3153	0.17527	0.06096	31	-0.74	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	2.1900	0.06000	2.3153	0.17527	0.06096	31	-0.71	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	2.2250	0.03000	2.3153	0.17527	0.06096	31	-0.51	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	2.2335	0.05700	2.3153	0.17527	0.06096	31	-0.47	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0861	2.2350	0.09000	2.3153	0.17527	0.06096	31	-0.46	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	2.2590	0.02000	2.3153	0.17527	0.06096	31	-0.32	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	2.2696	0.05730	2.3153	0.17527	0.06096	31	-0.26	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0720	2.2700	0.04000	2.3153	0.17527	0.06096	31	-0.26	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0553	2.2850	0.01000	2.3153	0.17527	0.06096	31	-0.17	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	2.2898	0.02810	2.3153	0.17527	0.06096	31	-0.15	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	2.3000	0.00000	2.3153	0.17527	0.06096	31	-0.09	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0868	2.3100	0.06000	2.3153	0.17527	0.06096	31	-0.03	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0695	2.3140	0.17200	2.3153	0.17527	0.06096	31	-0.01	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0897	2.3600	0.00000	2.3153	0.17527	0.06096	31	0.26	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0629	2.3800	0.00000	2.3153	0.17527	0.06096	31	0.37	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0233	2.3900	0.02000	2.3153	0.17527	0.06096	31	0.43	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	2.4000	0.06000	2.3153	0.17527	0.06096	31	0.48	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	2.4400	0.12000	2.3153	0.17527	0.06096	31	0.71	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	2.4450	0.15000	2.3153	0.17527	0.06096	31	0.74	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	2.4550	0.09000	2.3153	0.17527	0.06096	31	0.80	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	2.4800	0.32000	2.3153	0.17527	0.06096	31	0.94	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0881	2.5035	0.07700	2.3153	0.17527	0.06096	31	1.07	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	
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	2.5300	0.02000	2.3153	0.17527	0.06096	31	1.23	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	2.5384	0.01730	2.3153	0.17527	0.06096	31	1.27	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	2.5500	0.10000	2.3153	0.17527	0.06096	31	1.34	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0651	3.1925	0.11100	2.3153	0.17527	0.06096	31	5.01	19%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	2.4250	0.37000	2.3153	0.17527	0.06096	31	0.63	2%	1
003.11	Fat, Crude, NIR (%)	2128	0.47050	0.03700	1.7859	0.89508	0.04543	7	-1.47	37%	0
003.11	Fat, Crude, NIR (%)	2120	1.3600	0.04000	1.7859	0.89508	0.04543	7	-0.48	12%	0
003.11	Fat, Crude, NIR (%)	0720	1.5750	0.01000	1.7859	0.89508	0.04543	7	-0.24	6%	0
003.11	Fat, Crude, NIR (%)	2121	1.7600	0.02000	1.7859	0.89508	0.04543	7	-0.03	1%	0
003.11	Fat, Crude, NIR (%)	0656	1.8955	0.11100	1.7859	0.89508	0.04543	7	0.12	3%	0
003.11	Fat, Crude, NIR (%)	0297	2.6100	0.08000	1.7859	0.89508	0.04543	7	0.92	23%	0
003.11	Fat, Crude, NIR (%)	0852	2.8300	0.02000	1.7859	0.89508	0.04543	7	1.17	29%	0
003.11	Fat, Crude, NIR (%)	0889	2.9550	0.53000	1.7859	0.89508	0.04543	7	1.31	33%	1
003.12	Fat, Crude, Hexane Ext (%)	2062	1.8129	0.08790	2.3426	0.35889	0.11758	5			0
003.12	Fat, Crude, Hexane Ext (%)	0940	2.2500	0.14000	2.3426	0.35889	0.11758	5			0
003.12	Fat, Crude, Hexane Ext (%)	0895	2.3850	0.01000	2.3426	0.35889	0.11758	5			0
003.12	Fat, Crude, Hexane Ext (%)	0171	2.4650	0.15000	2.3426	0.35889	0.11758	5			0
003.12	Fat, Crude, Hexane Ext (%)	2200	2.8000	0.20000	2.3426	0.35889	0.11758	5			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	2.2400	0.02000	2.3252	0.10399	0.05286	7	-0.82	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0187	2.2450	0.03000	2.3252	0.10399	0.05286	7	-0.77	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0033	2.2550	0.05000	2.3252	0.10399	0.05286	7	-0.67	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0208	2.3100	0.02000	2.3252	0.10399	0.05286	7	-0.15	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0205	2.3350	0.03000	2.3252	0.10399	0.05286	7	0.09	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	2.4100	0.06000	2.3252	0.10399	0.05286	7	0.82	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	2.5600	0.16000	2.3252	0.10399	0.05286	7	2.26	5%	0
003.14	Fat, Crude, Ankom (%)	0357	1.3500	0.10000	2.3539	0.23707	0.12653	46	-4.23	21%	0
003.14	Fat, Crude, Ankom (%)	0843	1.9350	0.53000	2.3539	0.23707	0.12653	46	-1.77	9%	0
003.14	Fat, Crude, Ankom (%)	0574	1.9700	0.04000	2.3539	0.23707	0.12653	46	-1.62	8%	0
003.14	Fat, Crude, Ankom (%)	0175	2.0050	0.05000	2.3539	0.23707	0.12653	46	-1.47	7%	0
003.14	Fat, Crude, Ankom (%)	0004	2.0900	0.04000	2.3539	0.23707	0.12653	46	-1.11	6%	0
003.14	Fat, Crude, Ankom (%)	0956	2.1000	0.00000	2.3539	0.23707	0.12653	46	-1.07	5%	0
003.14	Fat, Crude, Ankom (%)	0598	2.1700	0.24000	2.3539	0.23707	0.12653	46	-0.78	4%	0
003.14	Fat, Crude, Ankom (%)	0144	2.1800	0.02000	2.3539	0.23707	0.12653	46	-0.73	4%	0
003.14	Fat, Crude, Ankom (%)	2129	2.1850	0.61000	2.3539	0.23707	0.12653	46	-0.71	4%	0
003.14	Fat, Crude, Ankom (%)	0019	2.1900	0.16000	2.3539	0.23707	0.12653	46	-0.69	3%	0
003.14	Fat, Crude, Ankom (%)	0186	2.2100	0.00000	2.3539	0.23707	0.12653	46	-0.61	3%	0
003.14	Fat, Crude, Ankom (%)	0581	2.2100	0.00000	2.3539	0.23707	0.12653	46	-0.61	3%	0
003.14	Fat, Crude, Ankom (%)	2076	2.2224	0.09110	2.3539	0.23707	0.12653	46	-0.55	3%	0
003.14	Fat, Crude, Ankom (%)	0037	2.2400	0.02000	2.3539	0.23707	0.12653	46	-0.48	2%	0
003.14	Fat, Crude, Ankom (%)	0948	2.2450	0.05000	2.3539	0.23707	0.12653	46	-0.46	2%	0
003.14	Fat, Crude, Ankom (%)	0265	2.2500	0.04000	2.3539	0.23707	0.12653	46	-0.44	2%	0
003.14	Fat, Crude, Ankom (%)	0878	2.2700	0.04000	2.3539	0.23707	0.12653	46	-0.35	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0955	2.2750	0.01000	2.3539	0.23707	0.12653	46	-0.33	2%	0
003.14	Fat, Crude, Ankom (%)	0692	2.3000	0.20000	2.3539	0.23707	0.12653	46	-0.23	1%	0
003.14	Fat, Crude, Ankom (%)	0089	2.3050	0.01000	2.3539	0.23707	0.12653	46	-0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0148	2.3050	0.01000	2.3539	0.23707	0.12653	46	-0.21	1%	0
003.14	Fat, Crude, Ankom (%)	0202	2.3250	0.01000	2.3539	0.23707	0.12653	46	-0.12	1%	0
003.14	Fat, Crude, Ankom (%)	0358	2.3250	0.03000	2.3539	0.23707	0.12653	46	-0.12	1%	0
003.14	Fat, Crude, Ankom (%)	0074	2.3300	0.60000	2.3539	0.23707	0.12653	46	-0.10	1%	0
003.14	Fat, Crude, Ankom (%)	0520	2.3350	0.27000	2.3539	0.23707	0.12653	46	-0.08	0%	0
003.14	Fat, Crude, Ankom (%)	0407	2.3392	0.19010	2.3539	0.23707	0.12653	46	-0.06	0%	0
003.14	Fat, Crude, Ankom (%)	0066	2.3500	0.08000	2.3539	0.23707	0.12653	46	-0.02	0%	0
003.14	Fat, Crude, Ankom (%)	0912	2.3550	0.31000	2.3539	0.23707	0.12653	46	0.00	0%	0
003.14	Fat, Crude, Ankom (%)	0034	2.3600	0.42000	2.3539	0.23707	0.12653	46	0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0049	2.3700	0.12000	2.3539	0.23707	0.12653	46	0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0683	2.3900	0.06000	2.3539	0.23707	0.12653	46	0.15	1%	0
003.14	Fat, Crude, Ankom (%)	0001	2.3975	0.12300	2.3539	0.23707	0.12653	46	0.18	1%	0
003.14	Fat, Crude, Ankom (%)	0848	2.4100	0.22000	2.3539	0.23707	0.12653	46	0.24	1%	0
003.14	Fat, Crude, Ankom (%)	0108	2.5000	0.04000	2.3539	0.23707	0.12653	46	0.62	3%	0
003.14	Fat, Crude, Ankom (%)	0682	2.5400	0.00000	2.3539	0.23707	0.12653	46	0.79	4%	0
003.14	Fat, Crude, Ankom (%)	0278	2.5500	0.10000	2.3539	0.23707	0.12653	46	0.83	4%	0
003.14	Fat, Crude, Ankom (%)	0413	2.5500	0.10000	2.3539	0.23707	0.12653	46	0.83	4%	0
003.14	Fat, Crude, Ankom (%)	0009	2.6400	0.20000	2.3539	0.23707	0.12653	46	1.21	6%	0
003.14	Fat, Crude, Ankom (%)	0190	2.6450	0.01000	2.3539	0.23707	0.12653	46	1.23	6%	0
003.14	Fat, Crude, Ankom (%)	0229	2.6510	0.03800	2.3539	0.23707	0.12653	46	1.25	6%	0
003.14	Fat, Crude, Ankom (%)	0726	2.6550	0.01000	2.3539	0.23707	0.12653	46	1.27	6%	0
003.14	Fat, Crude, Ankom (%)	2146	2.6750	0.13000	2.3539	0.23707	0.12653	46	1.35	7%	0
003.14	Fat, Crude, Ankom (%)	0860	2.8150	0.00000	2.3539	0.23707	0.12653	46	1.95	10%	0
003.14	Fat, Crude, Ankom (%)	0968	2.9875	0.06300	2.3539	0.23707	0.12653	46	2.67	13%	0
003.14	Fat, Crude, Ankom (%)	0619	3.0300	0.04000	2.3539	0.23707	0.12653	46	2.85	14%	0
003.14	Fat, Crude, Ankom (%)	0183	3.0655	0.39500	2.3539	0.23707	0.12653	46	3.00	15%	0
003.99	Fat, Crude, Miscellaneous (%)	0880	1.4000	0.20000	2.8250	1.3028	0.10000	4			0
003.99	Fat, Crude, Miscellaneous (%)	0939	2.5050	0.03000	2.8250	1.3028	0.10000	4			0
003.99	Fat, Crude, Miscellaneous (%)	0941	2.8500	0.02000	2.8250	1.3028	0.10000	4			0
003.99	Fat, Crude, Miscellaneous (%)	1019	4.5450	0.15000	2.8250	1.3028	0.10000	4			0
003.99	Fat, Crude, Miscellaneous (%)	0536	2.5600	0.86000	2.8250	1.3028	0.10000	4			1
004.00	Fiber, Crude, Asbestos Free (%)	0171	2.7450	0.05000	2.9712	0.13859	0.13752	18	-1.63	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	2.8000	0.20000	2.9712	0.13859	0.13752	18	-1.24	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	2.8500	0.10000	2.9712	0.13859	0.13752	18	-0.87	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	2.8750	0.01000	2.9712	0.13859	0.13752	18	-0.69	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	2.8900	0.04000	2.9712	0.13859	0.13752	18	-0.59	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	2.9000	0.20000	2.9712	0.13859	0.13752	18	-0.51	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	2.9100	0.04000	2.9712	0.13859	0.13752	18	-0.44	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	2.9125	0.15440	2.9712	0.13859	0.13752	18	-0.42	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.00	Fiber, Crude, Asbestos Free (%)	0164	2.9500	0.10000	2.9712	0.13859	0.13752	18	-0.15	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	2.9750	0.23000	2.9712	0.13859	0.13752	18	0.03	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	2.9800	0.12000	2.9712	0.13859	0.13752	18	0.06	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0695	3.0150	0.17000	2.9712	0.13859	0.13752	18	0.32	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	3.0400	0.08000	2.9712	0.13859	0.13752	18	0.50	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	3.0500	0.12000	2.9712	0.13859	0.13752	18	0.57	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0183	3.0725	0.18100	2.9712	0.13859	0.13752	18	0.73	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	3.1400	0.30000	2.9712	0.13859	0.13752	18	1.22	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	3.2000	0.20000	2.9712	0.13859	0.13752	18	1.65	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	3.3363	0.18000	2.9712	0.13859	0.13752	18	2.63	6%	0
004.03	Fiber, Crude, Fritted Glass (%)	2089	1.8150	0.15000	3.0248	0.52687	0.20000	7	-2.30	20%	0
004.03	Fiber, Crude, Fritted Glass (%)	0353	2.7200	0.28000	3.0248	0.52687	0.20000	7	-0.58	5%	0
004.03	Fiber, Crude, Fritted Glass (%)	0045	2.9250	0.19000	3.0248	0.52687	0.20000	7	-0.19	2%	0
004.03	Fiber, Crude, Fritted Glass (%)	2190	3.0250	0.09000	3.0248	0.52687	0.20000	7	0.00	0%	0
004.03	Fiber, Crude, Fritted Glass (%)	0904	3.2750	0.33000	3.0248	0.52687	0.20000	7	0.47	4%	0
004.03	Fiber, Crude, Fritted Glass (%)	2192	3.3250	0.05000	3.0248	0.52687	0.20000	7	0.57	5%	0
004.03	Fiber, Crude, Fritted Glass (%)	0693	3.6690	0.31000	3.0248	0.52687	0.20000	7	1.22	11%	0
004.06	Fiber, Crude, Fibertec (%)	0723	2.5000	0.00000	3.0038	0.20542	0.11671	28	-2.45	8%	0
004.06	Fiber, Crude, Fibertec (%)	0918	2.5100	0.16000	3.0038	0.20542	0.11671	28	-2.40	8%	0
004.06	Fiber, Crude, Fibertec (%)	0885	2.6377	0.08280	3.0038	0.20542	0.11671	28	-1.78	6%	0
004.06	Fiber, Crude, Fibertec (%)	0720	2.7100	0.04000	3.0038	0.20542	0.11671	28	-1.43	5%	0
004.06	Fiber, Crude, Fibertec (%)	2199	2.8500	0.10000	3.0038	0.20542	0.11671	28	-0.75	3%	0
004.06	Fiber, Crude, Fibertec (%)	0590	2.8750	0.01000	3.0038	0.20542	0.11671	28	-0.63	2%	0
004.06	Fiber, Crude, Fibertec (%)	0968	2.8820	0.01400	3.0038	0.20542	0.11671	28	-0.59	2%	0
004.06	Fiber, Crude, Fibertec (%)	0098	2.9150	0.13000	3.0038	0.20542	0.11671	28	-0.43	1%	0
004.06	Fiber, Crude, Fibertec (%)	0948	2.9215	0.19300	3.0038	0.20542	0.11671	28	-0.40	1%	0
004.06	Fiber, Crude, Fibertec (%)	0897	2.9250	0.01000	3.0038	0.20542	0.11671	28	-0.38	1%	0
004.06	Fiber, Crude, Fibertec (%)	2022	2.9500	0.00000	3.0038	0.20542	0.11671	28	-0.26	1%	0
004.06	Fiber, Crude, Fibertec (%)	0895	2.9550	0.01000	3.0038	0.20542	0.11671	28	-0.24	1%	0
004.06	Fiber, Crude, Fibertec (%)	0689	3.0000	0.40000	3.0038	0.20542	0.11671	28	-0.02	0%	0
004.06	Fiber, Crude, Fibertec (%)	0868	3.0150	0.03000	3.0038	0.20542	0.11671	28	0.05	0%	0
004.06	Fiber, Crude, Fibertec (%)	0656	3.0250	0.17000	3.0038	0.20542	0.11671	28	0.10	0%	0
004.06	Fiber, Crude, Fibertec (%)	0941	3.0300	0.02000	3.0038	0.20542	0.11671	28	0.13	0%	0
004.06	Fiber, Crude, Fibertec (%)	2006	3.0350	0.23000	3.0038	0.20542	0.11671	28	0.15	1%	0
004.06	Fiber, Crude, Fibertec (%)	0027	3.0390	0.05200	3.0038	0.20542	0.11671	28	0.17	1%	0
004.06	Fiber, Crude, Fibertec (%)	0860	3.0550	0.00000	3.0038	0.20542	0.11671	28	0.25	1%	0
004.06	Fiber, Crude, Fibertec (%)	0638	3.1000	0.60000	3.0038	0.20542	0.11671	28	0.47	2%	0
004.06	Fiber, Crude, Fibertec (%)	0878	3.1100	0.04000	3.0038	0.20542	0.11671	28	0.52	2%	0
004.06	Fiber, Crude, Fibertec (%)	2062	3.1140	0.00800	3.0038	0.20542	0.11671	28	0.54	2%	0
004.06	Fiber, Crude, Fibertec (%)	0881	3.1400	0.36800	3.0038	0.20542	0.11671	28	0.66	2%	0
004.06	Fiber, Crude, Fibertec (%)	0676	3.1950	0.23000	3.0038	0.20542	0.11671	28	0.93	3%	0
004.06	Fiber, Crude, Fibertec (%)	0952	3.2750	0.11000	3.0038	0.20542	0.11671	28	1.32	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	
004.06	Fiber, Crude, Fibertec (%)	0205	3.2800	0.24000	3.0038	0.20542	0.11671	28	1.34	5%	0
004.06	Fiber, Crude, Fibertec (%)	0675	3.4500	0.02000	3.0038	0.20542	0.11671	28	2.17	7%	0
004.06	Fiber, Crude, Fibertec (%)	0674	3.5500	0.00000	3.0038	0.20542	0.11671	28	2.66	9%	0
004.06	Fiber, Crude, Fibertec (%)	2200	2.7500	0.70000	3.0038	0.20542	0.11671	28	-1.24	4%	1
004.07	Fiber, Crude, ANKOM (%)	2012	2.0200	0.10000	2.7581	0.36811	0.16420	64	-2.00	13%	0
004.07	Fiber, Crude, ANKOM (%)	0028	2.2000	0.40000	2.7581	0.36811	0.16420	64	-1.52	10%	0
004.07	Fiber, Crude, ANKOM (%)	0202	2.2050	0.27000	2.7581	0.36811	0.16420	64	-1.50	10%	0
004.07	Fiber, Crude, ANKOM (%)	0242	2.2150	0.05000	2.7581	0.36811	0.16420	64	-1.48	10%	0
004.07	Fiber, Crude, ANKOM (%)	0505	2.2600	0.18000	2.7581	0.36811	0.16420	64	-1.35	9%	0
004.07	Fiber, Crude, ANKOM (%)	0510	2.3000	0.00000	2.7581	0.36811	0.16420	64	-1.24	8%	0
004.07	Fiber, Crude, ANKOM (%)	0407	2.3796	0.11960	2.7581	0.36811	0.16420	64	-1.03	7%	0
004.07	Fiber, Crude, ANKOM (%)	0683	2.3900	0.04000	2.7581	0.36811	0.16420	64	-1.00	7%	0
004.07	Fiber, Crude, ANKOM (%)	0294	2.4000	0.00000	2.7581	0.36811	0.16420	64	-0.97	6%	0
004.07	Fiber, Crude, ANKOM (%)	0910	2.4000	0.20000	2.7581	0.36811	0.16420	64	-0.97	6%	0
004.07	Fiber, Crude, ANKOM (%)	0956	2.4000	0.60000	2.7581	0.36811	0.16420	64	-0.97	6%	0
004.07	Fiber, Crude, ANKOM (%)	2009	2.4515	0.02150	2.7581	0.36811	0.16420	64	-0.83	6%	0
004.07	Fiber, Crude, ANKOM (%)	0619	2.4550	0.01000	2.7581	0.36811	0.16420	64	-0.82	5%	0
004.07	Fiber, Crude, ANKOM (%)	2053	2.4600	0.02000	2.7581	0.36811	0.16420	64	-0.81	5%	0
004.07	Fiber, Crude, ANKOM (%)	0004	2.4700	0.04000	2.7581	0.36811	0.16420	64	-0.78	5%	0
004.07	Fiber, Crude, ANKOM (%)	0354	2.4850	0.17000	2.7581	0.36811	0.16420	64	-0.74	5%	0
004.07	Fiber, Crude, ANKOM (%)	2188	2.4900	0.02000	2.7581	0.36811	0.16420	64	-0.73	5%	0
004.07	Fiber, Crude, ANKOM (%)	2190	2.5200	0.02000	2.7581	0.36811	0.16420	64	-0.65	4%	0
004.07	Fiber, Crude, ANKOM (%)	0123	2.5300	0.04000	2.7581	0.36811	0.16420	64	-0.62	4%	0
004.07	Fiber, Crude, ANKOM (%)	0708	2.5550	0.07000	2.7581	0.36811	0.16420	64	-0.55	4%	0
004.07	Fiber, Crude, ANKOM (%)	0726	2.5600	0.02000	2.7581	0.36811	0.16420	64	-0.54	4%	0
004.07	Fiber, Crude, ANKOM (%)	0297	2.5750	0.19000	2.7581	0.36811	0.16420	64	-0.50	3%	0
004.07	Fiber, Crude, ANKOM (%)	2193	2.5950	0.01000	2.7581	0.36811	0.16420	64	-0.44	3%	0
004.07	Fiber, Crude, ANKOM (%)	0653	2.6250	0.09000	2.7581	0.36811	0.16420	64	-0.36	2%	0
004.07	Fiber, Crude, ANKOM (%)	0098	2.6300	0.26000	2.7581	0.36811	0.16420	64	-0.35	2%	0
004.07	Fiber, Crude, ANKOM (%)	0849	2.6360	0.03200	2.7581	0.36811	0.16420	64	-0.33	2%	0
004.07	Fiber, Crude, ANKOM (%)	0035	2.6450	0.01000	2.7581	0.36811	0.16420	64	-0.31	2%	0
004.07	Fiber, Crude, ANKOM (%)	0265	2.6450	0.29000	2.7581	0.36811	0.16420	64	-0.31	2%	0
004.07	Fiber, Crude, ANKOM (%)	0263	2.6483	0.00340	2.7581	0.36811	0.16420	64	-0.30	2%	0
004.07	Fiber, Crude, ANKOM (%)	0644	2.6490	0.14000	2.7581	0.36811	0.16420	64	-0.30	2%	0
004.07	Fiber, Crude, ANKOM (%)	0190	2.6500	0.10000	2.7581	0.36811	0.16420	64	-0.29	2%	0
004.07	Fiber, Crude, ANKOM (%)	0278	2.6500	0.10000	2.7581	0.36811	0.16420	64	-0.29	2%	0
004.07	Fiber, Crude, ANKOM (%)	2146	2.7650	0.25000	2.7581	0.36811	0.16420	64	0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0300	2.7745	0.16900	2.7581	0.36811	0.16420	64	0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0033	2.7750	0.25000	2.7581	0.36811	0.16420	64	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0682	2.8000	0.00000	2.7581	0.36811	0.16420	64	0.11	1%	0
004.07	Fiber, Crude, ANKOM (%)	0939	2.8450	0.13000	2.7581	0.36811	0.16420	64	0.24	2%	0
004.07	Fiber, Crude, ANKOM (%)	0413	2.8500	0.10000	2.7581	0.36811	0.16420	64	0.25	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	
004.07	Fiber, Crude, ANKOM (%)	0066	2.8800	0.08000	2.7581	0.36811	0.16420	64	0.33	2%	0
004.07	Fiber, Crude, ANKOM (%)	0144	2.9150	0.05000	2.7581	0.36811	0.16420	64	0.43	3%	0
004.07	Fiber, Crude, ANKOM (%)	0083	2.9300	0.08000	2.7581	0.36811	0.16420	64	0.47	3%	0
004.07	Fiber, Crude, ANKOM (%)	0870	2.9373	0.09950	2.7581	0.36811	0.16420	64	0.49	3%	0
004.07	Fiber, Crude, ANKOM (%)	0643	2.9400	0.02000	2.7581	0.36811	0.16420	64	0.49	3%	0
004.07	Fiber, Crude, ANKOM (%)	0955	2.9700	0.26000	2.7581	0.36811	0.16420	64	0.58	4%	0
004.07	Fiber, Crude, ANKOM (%)	0003	3.0000	0.24000	2.7581	0.36811	0.16420	64	0.66	4%	0
004.07	Fiber, Crude, ANKOM (%)	2196	3.0100	0.00000	2.7581	0.36811	0.16420	64	0.68	5%	0
004.07	Fiber, Crude, ANKOM (%)	0089	3.0200	0.00000	2.7581	0.36811	0.16420	64	0.71	5%	0
004.07	Fiber, Crude, ANKOM (%)	0563	3.0261	0.17390	2.7581	0.36811	0.16420	64	0.73	5%	0
004.07	Fiber, Crude, ANKOM (%)	0948	3.0300	0.08000	2.7581	0.36811	0.16420	64	0.74	5%	0
004.07	Fiber, Crude, ANKOM (%)	2181	3.0350	0.01000	2.7581	0.36811	0.16420	64	0.75	5%	0
004.07	Fiber, Crude, ANKOM (%)	0598	3.0500	0.16000	2.7581	0.36811	0.16420	64	0.79	5%	0
004.07	Fiber, Crude, ANKOM (%)	0553	3.0650	0.05000	2.7581	0.36811	0.16420	64	0.83	6%	0
004.07	Fiber, Crude, ANKOM (%)	0009	3.0800	0.06000	2.7581	0.36811	0.16420	64	0.87	6%	0
004.07	Fiber, Crude, ANKOM (%)	0100	3.1000	0.10000	2.7581	0.36811	0.16420	64	0.93	6%	0
004.07	Fiber, Crude, ANKOM (%)	0019	3.1100	0.04000	2.7581	0.36811	0.16420	64	0.96	6%	0
004.07	Fiber, Crude, ANKOM (%)	0848	3.1200	0.00000	2.7581	0.36811	0.16420	64	0.98	7%	0
004.07	Fiber, Crude, ANKOM (%)	0581	3.1500	0.10000	2.7581	0.36811	0.16420	64	1.06	7%	0
004.07	Fiber, Crude, ANKOM (%)	0520	3.2000	0.60000	2.7581	0.36811	0.16420	64	1.20	8%	0
004.07	Fiber, Crude, ANKOM (%)	0692	3.3000	0.60000	2.7581	0.36811	0.16420	64	1.47	10%	0
004.07	Fiber, Crude, ANKOM (%)	0229	3.3700	0.14000	2.7581	0.36811	0.16420	64	1.66	11%	0
004.07	Fiber, Crude, ANKOM (%)	0034	3.4850	0.03000	2.7581	0.36811	0.16420	64	1.97	13%	0
004.07	Fiber, Crude, ANKOM (%)	0861	3.6500	2.0800	2.7581	0.36811	0.16420	64	2.42	16%	0
004.07	Fiber, Crude, ANKOM (%)	2109	3.9350	0.05000	2.7581	0.36811	0.16420	64	3.20	21%	0
004.07	Fiber, Crude, ANKOM (%)	0536	7.5150	0.89000	2.7581	0.36811	0.16420	64	12.92	86%	0
004.07	Fiber, Crude, ANKOM (%)	0626	1,266.3	2,527.4	2.7581	0.36811	0.16420	64	3432.45	22906%	2
004.11	Fiber, Crude, NIR (%)	0889	3.1350	0.27000	5.0140	1.5929	0.10247	7	-1.18	19%	0
004.11	Fiber, Crude, NIR (%)	2121	4.0350	0.07000	5.0140	1.5929	0.10247	7	-0.61	10%	0
004.11	Fiber, Crude, NIR (%)	2120	4.1800	0.08000	5.0140	1.5929	0.10247	7	-0.52	8%	0
004.11	Fiber, Crude, NIR (%)	0656	5.1750	0.01000	5.0140	1.5929	0.10247	7	0.10	2%	0
004.11	Fiber, Crude, NIR (%)	0852	5.2200	0.12000	5.0140	1.5929	0.10247	7	0.13	2%	0
004.11	Fiber, Crude, NIR (%)	0720	5.9500	0.10000	5.0140	1.5929	0.10247	7	0.59	9%	0
004.11	Fiber, Crude, NIR (%)	2128	9.2161	0.06730	5.0140	1.5929	0.10247	7	2.64	42%	0
004.99	Fiber, Crude, Miscellaneous (%)	2161	2.0800	0.00000	2.5975	0.24487	0.10250	8	-2.11	10%	0
004.99	Fiber, Crude, Miscellaneous (%)	0629	2.4500	0.10000	2.5975	0.24487	0.10250	8	-0.60	3%	0
004.99	Fiber, Crude, Miscellaneous (%)	2146	2.5200	0.10000	2.5975	0.24487	0.10250	8	-0.32	1%	0
004.99	Fiber, Crude, Miscellaneous (%)	2126	2.5700	0.04000	2.5975	0.24487	0.10250	8	-0.11	1%	0
004.99	Fiber, Crude, Miscellaneous (%)	0875	2.6000	0.06000	2.5975	0.24487	0.10250	8	0.01	0%	0
004.99	Fiber, Crude, Miscellaneous (%)	0610	2.7000	0.20000	2.5975	0.24487	0.10250	8	0.42	2%	0
004.99	Fiber, Crude, Miscellaneous (%)	2145	2.7450	0.03000	2.5975	0.24487	0.10250	8	0.60	3%	0
004.99	Fiber, Crude, Miscellaneous (%)	0940	3.1050	0.29000	2.5975	0.24487	0.10250	8	2.07	10%	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 (%)	0169	5.9850	0.15000	6.4464	0.17259	0.07662	94	-2.67	4%	0
005.00	Ash, 2h @ 600°C (%)	0208	6.0900	0.26000	6.4464	0.17259	0.07662	94	-2.07	3%	0
005.00	Ash, 2h @ 600°C (%)	0880	6.0965	0.29300	6.4464	0.17259	0.07662	94	-2.03	3%	0
005.00	Ash, 2h @ 600°C (%)	0278	6.1150	0.01000	6.4464	0.17259	0.07662	94	-1.92	3%	0
005.00	Ash, 2h @ 600°C (%)	0175	6.1350	0.05000	6.4464	0.17259	0.07662	94	-1.80	2%	0
005.00	Ash, 2h @ 600°C (%)	0229	6.1400	0.06000	6.4464	0.17259	0.07662	94	-1.78	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	6.1850	0.27000	6.4464	0.17259	0.07662	94	-1.51	2%	0
005.00	Ash, 2h @ 600°C (%)	0511	6.2000	0.08000	6.4464	0.17259	0.07662	94	-1.43	2%	0
005.00	Ash, 2h @ 600°C (%)	0049	6.2050	0.13000	6.4464	0.17259	0.07662	94	-1.40	2%	0
005.00	Ash, 2h @ 600°C (%)	0722	6.2141	0.01620	6.4464	0.17259	0.07662	94	-1.35	2%	0
005.00	Ash, 2h @ 600°C (%)	0148	6.2250	0.19000	6.4464	0.17259	0.07662	94	-1.28	2%	0
005.00	Ash, 2h @ 600°C (%)	0027	6.2310	0.02200	6.4464	0.17259	0.07662	94	-1.25	2%	0
005.00	Ash, 2h @ 600°C (%)	0881	6.2385	0.06900	6.4464	0.17259	0.07662	94	-1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	0918	6.2500	0.12000	6.4464	0.17259	0.07662	94	-1.14	2%	0
005.00	Ash, 2h @ 600°C (%)	2188	6.2500	0.12000	6.4464	0.17259	0.07662	94	-1.14	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	6.2700	0.08000	6.4464	0.17259	0.07662	94	-1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0205	6.2710	0.10200	6.4464	0.17259	0.07662	94	-1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	6.2900	0.00000	6.4464	0.17259	0.07662	94	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	6.3010	0.10400	6.4464	0.17259	0.07662	94	-0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	6.3050	0.09000	6.4464	0.17259	0.07662	94	-0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0860	6.3050	0.00000	6.4464	0.17259	0.07662	94	-0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	6.3150	0.15000	6.4464	0.17259	0.07662	94	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	6.3350	0.03000	6.4464	0.17259	0.07662	94	-0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	6.3450	0.07000	6.4464	0.17259	0.07662	94	-0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0723	6.3460	0.00000	6.4464	0.17259	0.07662	94	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	6.3500	0.10000	6.4464	0.17259	0.07662	94	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	6.3600	0.30000	6.4464	0.17259	0.07662	94	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0874	6.3650	0.07000	6.4464	0.17259	0.07662	94	-0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	6.3700	0.22000	6.4464	0.17259	0.07662	94	-0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	6.3750	0.23000	6.4464	0.17259	0.07662	94	-0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	6.3750	0.05000	6.4464	0.17259	0.07662	94	-0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	6.3803	0.10940	6.4464	0.17259	0.07662	94	-0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	6.3900	0.06000	6.4464	0.17259	0.07662	94	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	6.3945	0.01010	6.4464	0.17259	0.07662	94	-0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	2199	6.4000	0.00000	6.4464	0.17259	0.07662	94	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	6.4050	0.03000	6.4464	0.17259	0.07662	94	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	6.4100	0.00000	6.4464	0.17259	0.07662	94	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	6.4100	0.00000	6.4464	0.17259	0.07662	94	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	6.4150	0.33000	6.4464	0.17259	0.07662	94	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	6.4250	0.07000	6.4464	0.17259	0.07662	94	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2181	6.4250	0.25000	6.4464	0.17259	0.07662	94	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	6.4250	0.13000	6.4464	0.17259	0.07662	94	-0.12	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0651	6.4295	0.05300	6.4464	0.17259	0.07662	94	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	6.4350	0.03000	6.4464	0.17259	0.07662	94	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	6.4400	0.06000	6.4464	0.17259	0.07662	94	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	6.4450	0.01000	6.4464	0.17259	0.07662	94	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	6.4450	0.01000	6.4464	0.17259	0.07662	94	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	6.4500	0.02000	6.4464	0.17259	0.07662	94	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	6.4600	0.04000	6.4464	0.17259	0.07662	94	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	6.4700	0.04000	6.4464	0.17259	0.07662	94	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	6.4700	0.02000	6.4464	0.17259	0.07662	94	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	6.4765	0.05100	6.4464	0.17259	0.07662	94	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0047	6.4800	0.00000	6.4464	0.17259	0.07662	94	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	6.4850	0.01000	6.4464	0.17259	0.07662	94	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	6.4950	0.03000	6.4464	0.17259	0.07662	94	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	6.5000	0.28000	6.4464	0.17259	0.07662	94	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0656	6.5000	0.04000	6.4464	0.17259	0.07662	94	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	6.5000	0.00000	6.4464	0.17259	0.07662	94	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	6.5050	0.07000	6.4464	0.17259	0.07662	94	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	1019	6.5050	0.19000	6.4464	0.17259	0.07662	94	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	6.5050	0.03000	6.4464	0.17259	0.07662	94	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	6.5250	0.03000	6.4464	0.17259	0.07662	94	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	6.5300	0.02000	6.4464	0.17259	0.07662	94	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	6.5300	0.02000	6.4464	0.17259	0.07662	94	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	6.5300	0.02000	6.4464	0.17259	0.07662	94	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	6.5400	0.04000	6.4464	0.17259	0.07662	94	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	6.5400	0.04000	6.4464	0.17259	0.07662	94	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	6.5400	0.10000	6.4464	0.17259	0.07662	94	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	6.5400	0.00000	6.4464	0.17259	0.07662	94	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	6.5450	0.05000	6.4464	0.17259	0.07662	94	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	6.5500	0.30000	6.4464	0.17259	0.07662	94	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	6.5550	0.07000	6.4464	0.17259	0.07662	94	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	6.5600	0.18000	6.4464	0.17259	0.07662	94	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	6.5600	0.04000	6.4464	0.17259	0.07662	94	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	6.5603	0.00380	6.4464	0.17259	0.07662	94	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	6.5671	0.03320	6.4464	0.17259	0.07662	94	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	6.5900	0.02000	6.4464	0.17259	0.07662	94	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	6.6000	0.00000	6.4464	0.17259	0.07662	94	0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	6.6000	0.02000	6.4464	0.17259	0.07662	94	0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	2097	6.6214	0.01890	6.4464	0.17259	0.07662	94	1.01	1%	0
005.00	Ash, 2h @ 600°C (%)	2012	6.6250	0.03000	6.4464	0.17259	0.07662	94	1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	6.6350	0.05000	6.4464	0.17259	0.07662	94	1.09	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	6.6393	0.01440	6.4464	0.17259	0.07662	94	1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	2200	6.6500	0.10000	6.4464	0.17259	0.07662	94	1.18	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0643	6.6600	0.16000	6.4464	0.17259	0.07662	94	1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	6.6750	0.11000	6.4464	0.17259	0.07662	94	1.32	2%	0
005.00	Ash, 2h @ 600°C (%)	2193	6.6800	0.04000	6.4464	0.17259	0.07662	94	1.35	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	6.7050	0.01000	6.4464	0.17259	0.07662	94	1.50	2%	0
005.00	Ash, 2h @ 600°C (%)	0242	6.7300	0.06000	6.4464	0.17259	0.07662	94	1.64	2%	0
005.00	Ash, 2h @ 600°C (%)	0183	6.7570	0.02200	6.4464	0.17259	0.07662	94	1.80	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	6.8000	0.00000	6.4464	0.17259	0.07662	94	2.05	3%	0
005.00	Ash, 2h @ 600°C (%)	0100	6.8050	0.01000	6.4464	0.17259	0.07662	94	2.08	3%	0
005.00	Ash, 2h @ 600°C (%)	2089	6.8150	0.09000	6.4464	0.17259	0.07662	94	2.14	3%	0
005.00	Ash, 2h @ 600°C (%)	0852	6.8850	0.09000	6.4464	0.17259	0.07662	94	2.54	3%	0
005.00	Ash, 2h @ 600°C (%)	0034	6.3450	0.41000	6.4464	0.17259	0.07662	94	-0.59	1%	1
005.00	Ash, 2h @ 600°C (%)	2076	6.7497	0.46450	6.4464	0.17259	0.07662	94	1.76	2%	1
005.02	Ash, LECO (%)	0644	6.7750	0.11000				1			0
005.03	Ash, Microwave furnace (%)	0912	6.1000	0.20000				1			0
005.05	Ash, 3h @ 550°C (%)	0726	6.3050	0.01000	6.6170	0.13547	0.05797	38	-2.30	2%	0
005.05	Ash, 3h @ 550°C (%)	0897	6.3500	0.02000	6.6170	0.13547	0.05797	38	-1.97	2%	0
005.05	Ash, 3h @ 550°C (%)	0003	6.3750	0.01000	6.6170	0.13547	0.05797	38	-1.79	2%	0
005.05	Ash, 3h @ 550°C (%)	0940	6.3750	0.15000	6.6170	0.13547	0.05797	38	-1.79	2%	0
005.05	Ash, 3h @ 550°C (%)	0878	6.4350	0.03000	6.6170	0.13547	0.05797	38	-1.34	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	6.4500	0.10000	6.6170	0.13547	0.05797	38	-1.23	1%	0
005.05	Ash, 3h @ 550°C (%)	0638	6.4700	0.10000	6.6170	0.13547	0.05797	38	-1.09	1%	0
005.05	Ash, 3h @ 550°C (%)	0849	6.4770	0.04600	6.6170	0.13547	0.05797	38	-1.03	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	6.5166	0.01320	6.6170	0.13547	0.05797	38	-0.74	1%	0
005.05	Ash, 3h @ 550°C (%)	0038	6.5350	0.07000	6.6170	0.13547	0.05797	38	-0.61	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	6.5350	0.07000	6.6170	0.13547	0.05797	38	-0.61	1%	0
005.05	Ash, 3h @ 550°C (%)	0695	6.5580	0.03400	6.6170	0.13547	0.05797	38	-0.44	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	6.5600	0.02000	6.6170	0.13547	0.05797	38	-0.42	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	6.5950	0.03000	6.6170	0.13547	0.05797	38	-0.16	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	6.6000	0.00000	6.6170	0.13547	0.05797	38	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0692	6.6000	0.20000	6.6170	0.13547	0.05797	38	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	6.6050	0.09000	6.6170	0.13547	0.05797	38	-0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	2190	6.6100	0.00000	6.6170	0.13547	0.05797	38	-0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	6.6200	0.06000	6.6170	0.13547	0.05797	38	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	6.6400	0.14000	6.6170	0.13547	0.05797	38	0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	6.6550	0.05000	6.6170	0.13547	0.05797	38	0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	6.6705	0.01100	6.6170	0.13547	0.05797	38	0.39	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	6.6750	0.19000	6.6170	0.13547	0.05797	38	0.43	0%	0
005.05	Ash, 3h @ 550°C (%)	0895	6.6750	0.01000	6.6170	0.13547	0.05797	38	0.43	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	6.6767	0.00980	6.6170	0.13547	0.05797	38	0.44	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	6.6783	0.02880	6.6170	0.13547	0.05797	38	0.45	0%	0
005.05	Ash, 3h @ 550°C (%)	0941	6.7100	0.10000	6.6170	0.13547	0.05797	38	0.69	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	6.7100	0.04000	6.6170	0.13547	0.05797	38	0.69	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.05	Ash, 3h @ 550°C (%)	0904	6.7250	0.25000	6.6170	0.13547	0.05797	38	0.80	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	6.7250	0.07000	6.6170	0.13547	0.05797	38	0.80	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	6.7350	0.01000	6.6170	0.13547	0.05797	38	0.87	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	6.7400	0.06000	6.6170	0.13547	0.05797	38	0.91	1%	0
005.05	Ash, 3h @ 550°C (%)	0152	6.7450	0.03000	6.6170	0.13547	0.05797	38	0.94	1%	0
005.05	Ash, 3h @ 550°C (%)	0955	6.7500	0.08000	6.6170	0.13547	0.05797	38	0.98	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	6.7550	0.01000	6.6170	0.13547	0.05797	38	1.02	1%	0
005.05	Ash, 3h @ 550°C (%)	2145	6.7600	0.02000	6.6170	0.13547	0.05797	38	1.06	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	6.7950	0.03000	6.6170	0.13547	0.05797	38	1.31	1%	0
005.05	Ash, 3h @ 550°C (%)	2126	6.8050	0.01000	6.6170	0.13547	0.05797	38	1.39	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	6.8150	0.29000	6.6170	0.13547	0.05797	38	1.46	1%	1
005.11	Ash, NIR (%)	2128	3.2017	0.04570	8.3040	4.0701	0.25571	8	-1.25	31%	0
005.11	Ash, NIR (%)	0889	4.9650	0.49000	8.3040	4.0701	0.25571	8	-0.82	20%	0
005.11	Ash, NIR (%)	0656	5.7000	0.24000	8.3040	4.0701	0.25571	8	-0.64	16%	0
005.11	Ash, NIR (%)	0297	7.9100	0.42000	8.3040	4.0701	0.25571	8	-0.10	2%	0
005.11	Ash, NIR (%)	0852	8.0250	0.11000	8.3040	4.0701	0.25571	8	-0.07	2%	0
005.11	Ash, NIR (%)	0720	11.845	0.13000	8.3040	4.0701	0.25571	8	0.87	21%	0
005.11	Ash, NIR (%)	2120	12.330	0.30000	8.3040	4.0701	0.25571	8	0.99	24%	0
005.11	Ash, NIR (%)	2121	12.455	0.31000	8.3040	4.0701	0.25571	8	1.02	25%	0
005.99	Ash, Miscellaneous (%)	0662	6.0400	0.00320	6.5402	0.26841	0.04302	11	-1.86	4%	0
005.99	Ash, Miscellaneous (%)	0574	6.1850	0.03000	6.5402	0.26841	0.04302	11	-1.32	3%	0
005.99	Ash, Miscellaneous (%)	0536	6.3050	0.03000	6.5402	0.26841	0.04302	11	-0.88	2%	0
005.99	Ash, Miscellaneous (%)	2161	6.5050	0.03000	6.5402	0.26841	0.04302	11	-0.13	0%	0
005.99	Ash, Miscellaneous (%)	0202	6.5450	0.07000	6.5402	0.26841	0.04302	11	0.02	0%	0
005.99	Ash, Miscellaneous (%)	0884	6.6000	0.00000	6.5402	0.26841	0.04302	11	0.22	0%	0
005.99	Ash, Miscellaneous (%)	0652	6.6500	0.10000	6.5402	0.26841	0.04302	11	0.41	1%	0
005.99	Ash, Miscellaneous (%)	0629	6.6700	0.04000	6.5402	0.26841	0.04302	11	0.48	1%	0
005.99	Ash, Miscellaneous (%)	0939	6.7250	0.03000	6.5402	0.26841	0.04302	11	0.69	1%	0
005.99	Ash, Miscellaneous (%)	0676	6.7700	0.04000	6.5402	0.26841	0.04302	11	0.86	2%	0
005.99	Ash, Miscellaneous (%)	0910	6.8500	0.10000	6.5402	0.26841	0.04302	11	1.15	2%	0
006.00	Total Sugars, As sucrose (%)	0407	7.3800	0.44000				2			0
006.00	Total Sugars, As sucrose (%)	0910	9.4800	0.32000				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	11.050	0.30000	12.351	1.4252	0.24725	4			0
006.99	Total Sugars, Miscellaneous (%)	2128	11.670	0.01900	12.351	1.4252	0.24725	4			0
006.99	Total Sugars, Miscellaneous (%)	2161	12.350	0.56000	12.351	1.4252	0.24725	4			0
006.99	Total Sugars, Miscellaneous (%)	0720	14.335	0.11000	12.351	1.4252	0.24725	4			0
008.02	Fiber, Acid Detergent, Crucible (%)	0590	3.4250	0.45000	4.3145	0.61228	0.17069	14	-1.45	10%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0208	3.4350	0.21000	4.3145	0.61228	0.17069	14	-1.44	10%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0885	3.5952	0.03050	4.3145	0.61228	0.17069	14	-1.17	8%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	4.0250	0.25000	4.3145	0.61228	0.17069	14	-0.47	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	4.2250	0.25000	4.3145	0.61228	0.17069	14	-0.15	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	4.3600	0.02000	4.3145	0.61228	0.17069	14	0.07	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			
008.02	Fiber, Acid Detergent, Crucible (%)	0345	4.4250	0.07000	4.3145	0.61228	0.17069	14	0.18	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	4.4400	0.46000	4.3145	0.61228	0.17069	14	0.20	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	4.4750	0.03000	4.3145	0.61228	0.17069	14	0.26	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	4.5000	0.04000	4.3145	0.61228	0.17069	14	0.30	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0187	4.5950	0.05000	4.3145	0.61228	0.17069	14	0.46	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	4.6604	0.09910	4.3145	0.61228	0.17069	14	0.56	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0675	5.0100	0.20000	4.3145	0.61228	0.17069	14	1.14	8%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	5.4750	0.23000	4.3145	0.61228	0.17069	14	1.90	13%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	3.8750	1.3300	4.3145	0.61228	0.17069	14	-0.72	5%	1
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	5.6950	0.19000				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2012	2.8650	0.05000	4.1983	0.54126	0.19389	41	-2.46	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	3.2300	0.38000	4.1983	0.54126	0.19389	41	-1.79	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	3.4100	0.50000	4.1983	0.54126	0.19389	41	-1.46	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	3.5500	0.68000	4.1983	0.54126	0.19389	41	-1.20	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	3.5500	0.10000	4.1983	0.54126	0.19389	41	-1.20	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	3.6796	0.19610	4.1983	0.54126	0.19389	41	-0.96	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0861	3.6900	0.04000	4.1983	0.54126	0.19389	41	-0.94	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	3.6900	0.26000	4.1983	0.54126	0.19389	41	-0.94	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	3.7000	0.00000	4.1983	0.54126	0.19389	41	-0.92	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	3.7600	0.10000	4.1983	0.54126	0.19389	41	-0.81	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	3.8400	0.00000	4.1983	0.54126	0.19389	41	-0.66	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0413	3.9000	0.20000	4.1983	0.54126	0.19389	41	-0.55	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0723	3.9100	0.00000	4.1983	0.54126	0.19389	41	-0.53	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0878	3.9450	0.29000	4.1983	0.54126	0.19389	41	-0.47	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	3.9650	0.21000	4.1983	0.54126	0.19389	41	-0.43	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	3.9650	0.37000	4.1983	0.54126	0.19389	41	-0.43	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	3.9656	0.01600	4.1983	0.54126	0.19389	41	-0.43	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	4.0466	0.08680	4.1983	0.54126	0.19389	41	-0.28	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	4.1000	0.00000	4.1983	0.54126	0.19389	41	-0.18	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	4.1150	0.03000	4.1983	0.54126	0.19389	41	-0.15	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	4.1700	0.26000	4.1983	0.54126	0.19389	41	-0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	4.2100	0.32000	4.1983	0.54126	0.19389	41	0.02	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	4.2100	0.04000	4.1983	0.54126	0.19389	41	0.02	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	4.2900	0.10000	4.1983	0.54126	0.19389	41	0.17	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	4.4250	0.17000	4.1983	0.54126	0.19389	41	0.42	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0904	4.4500	0.22000	4.1983	0.54126	0.19389	41	0.47	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	4.4550	0.37000	4.1983	0.54126	0.19389	41	0.47	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	4.5500	0.30000	4.1983	0.54126	0.19389	41	0.65	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	4.5600	0.04000	4.1983	0.54126	0.19389	41	0.67	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	4.6000	0.32000	4.1983	0.54126	0.19389	41	0.74	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	4.6500	0.18000	4.1983	0.54126	0.19389	41	0.83	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	4.6850	0.49000	4.1983	0.54126	0.19389	41	0.90	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	4.7000	0.00000	4.1983	0.54126	0.19389	41	0.93	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	4.7000	0.40000	4.1983	0.54126	0.19389	41	0.93	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0096	4.7100	0.02000	4.1983	0.54126	0.19389	41	0.95	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	4.7300	0.04000	4.1983	0.54126	0.19389	41	0.98	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	4.8100	0.32000	4.1983	0.54126	0.19389	41	1.13	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0592	4.9050	0.07000	4.1983	0.54126	0.19389	41	1.31	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	4.9055	0.46670	4.1983	0.54126	0.19389	41	1.31	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	4.9090	0.21400	4.1983	0.54126	0.19389	41	1.31	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	4.9500	0.10000	4.1983	0.54126	0.19389	41	1.39	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	2.6500	0.90000	4.1983	0.54126	0.19389	41	-2.86	18%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	4.3500	0.10000	4.5189	0.18067	0.13923	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0889	4.4750	0.35000	4.5189	0.18067	0.13923	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	2128	4.4755	0.01690	4.5189	0.18067	0.13923	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	4.7750	0.09000	4.5189	0.18067	0.13923	4			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0720	8.2850	0.19000	4.5189	0.18067	0.13923	4			2
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	9.1400	1.4200				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	8.3500	0.30000	10.654	1.5112	0.31374	14	-1.52	11%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	8.9600	0.04000	10.654	1.5112	0.31374	14	-1.12	8%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	9.5550	0.81000	10.654	1.5112	0.31374	14	-0.73	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0187	9.5550	0.05000	10.654	1.5112	0.31374	14	-0.73	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	9.5700	0.10000	10.654	1.5112	0.31374	14	-0.72	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	9.9750	0.15000	10.654	1.5112	0.31374	14	-0.45	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	10.795	0.05000	10.654	1.5112	0.31374	14	0.09	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0675	10.875	0.13000	10.654	1.5112	0.31374	14	0.15	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	11.350	0.10000	10.654	1.5112	0.31374	14	0.46	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0590	11.400	1.0000	10.654	1.5112	0.31374	14	0.49	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0964	11.750	0.24000	10.654	1.5112	0.31374	14	0.73	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	11.916	1.1672	10.654	1.5112	0.31374	14	0.84	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0885	12.367	0.05520	10.654	1.5112	0.31374	14	1.13	8%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0208	12.700	0.20000	10.654	1.5112	0.31374	14	1.35	10%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	8.8700	0.32000	10.095	0.66896	0.19910	41	-1.83	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0861	8.9100	0.30000	10.095	0.66896	0.19910	41	-1.77	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	9.1600	0.32000	10.095	0.66896	0.19910	41	-1.40	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	9.2900	0.26000	10.095	0.66896	0.19910	41	-1.20	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2190	9.3100	0.22000	10.095	0.66896	0.19910	41	-1.17	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	9.3839	0.29830	10.095	0.66896	0.19910	41	-1.06	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0001	9.4950	0.07000	10.095	0.66896	0.19910	41	-0.90	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	9.5750	0.09000	10.095	0.66896	0.19910	41	-0.78	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0878	9.5750	0.05000	10.095	0.66896	0.19910	41	-0.78	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	9.6000	0.20000	10.095	0.66896	0.19910	41	-0.74	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	9.6700	0.68000	10.095	0.66896	0.19910	41	-0.64	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	9.7500	0.22000	10.095	0.66896	0.19910	41	-0.52	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	9.7797	0.04370	10.095	0.66896	0.19910	41	-0.47	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0066	9.8300	0.16000	10.095	0.66896	0.19910	41	-0.40	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	9.8500	0.10000	10.095	0.66896	0.19910	41	-0.37	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2012	9.8600	0.30000	10.095	0.66896	0.19910	41	-0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	9.9396	0.54190	10.095	0.66896	0.19910	41	-0.23	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0096	9.9450	0.11000	10.095	0.66896	0.19910	41	-0.22	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	9.9500	0.30000	10.095	0.66896	0.19910	41	-0.22	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	10.007	0.32900	10.095	0.66896	0.19910	41	-0.13	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0592	10.055	0.09000	10.095	0.66896	0.19910	41	-0.06	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0904	10.110	0.20000	10.095	0.66896	0.19910	41	0.02	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0723	10.120	0.00000	10.095	0.66896	0.19910	41	0.04	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	10.175	0.09000	10.095	0.66896	0.19910	41	0.12	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	10.215	0.17000	10.095	0.66896	0.19910	41	0.18	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	10.300	0.40000	10.095	0.66896	0.19910	41	0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	10.300	0.00000	10.095	0.66896	0.19910	41	0.31	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	10.345	0.21000	10.095	0.66896	0.19910	41	0.37	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	10.350	0.50000	10.095	0.66896	0.19910	41	0.38	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0413	10.350	0.30000	10.095	0.66896	0.19910	41	0.38	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	10.370	0.04000	10.095	0.66896	0.19910	41	0.41	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	10.485	0.07000	10.095	0.66896	0.19910	41	0.58	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0638	10.600	0.00000	10.095	0.66896	0.19910	41	0.76	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	10.675	0.13000	10.095	0.66896	0.19910	41	0.87	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	10.810	0.34000	10.095	0.66896	0.19910	41	1.07	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	10.985	0.07000	10.095	0.66896	0.19910	41	1.33	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	11.170	0.00000	10.095	0.66896	0.19910	41	1.61	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	11.305	0.11000	10.095	0.66896	0.19910	41	1.81	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	11.505	0.05000	10.095	0.66896	0.19910	41	2.11	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	11.700	0.20000	10.095	0.66896	0.19910	41	2.40	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	15.410	0.28000	10.095	0.66896	0.19910	41	7.95	26%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	8.0000	2.0000	10.095	0.66896	0.19910	41	-3.13	10%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	8.0066	2.9932	10.095	0.66896	0.19910	41	-3.12	10%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0720	7.7750	0.17000	10.883	2.2059	0.20725	4			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	10.985	0.43000	10.883	2.2059	0.20725	4			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	11.930	0.10000	10.883	2.2059	0.20725	4			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	2128	12.841	0.12900	10.883	2.2059	0.20725	4			0
010.03	Moisture, Karl-Fischer (%)	0843	8.5550	0.11000				2			0
010.03	Moisture, Karl-Fischer (%)	0164	9.7650	0.05000				2			0
010.11	Moisture, NIR (%)	0720	7.7300	0.04000	9.7936	1.1101	0.07200	8	-1.86	11%	0
010.11	Moisture, NIR (%)	2190	9.1650	0.03000	9.7936	1.1101	0.07200	8	-0.57	3%	0
010.11	Moisture, NIR (%)	2120	9.2500	0.20000	9.7936	1.1101	0.07200	8	-0.49	3%	0
010.11	Moisture, NIR (%)	2121	9.3500	0.14000	9.7936	1.1101	0.07200	8	-0.40	2%	0
010.11	Moisture, NIR (%)	0889	10.340	0.02000	9.7936	1.1101	0.07200	8	0.49	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	
010.11	Moisture, NIR (%)	2128	10.400	0.03600	9.7936	1.1101	0.07200	8	0.55	3%	0
010.11	Moisture, NIR (%)	0152	10.615	0.01000	9.7936	1.1101	0.07200	8	0.74	4%	0
010.11	Moisture, NIR (%)	0852	11.100	0.10000	9.7936	1.1101	0.07200	8	1.18	7%	0
010.99	Moisture, Miscellaneous (%)	0028	8.8000	0.18000	9.5946	0.32635	0.09006	16	-2.43	4%	0
010.99	Moisture, Miscellaneous (%)	0948	9.1600	0.02000	9.5946	0.32635	0.09006	16	-1.33	2%	0
010.99	Moisture, Miscellaneous (%)	0939	9.3400	0.10000	9.5946	0.32635	0.09006	16	-0.78	1%	0
010.99	Moisture, Miscellaneous (%)	2127	9.3750	0.15000	9.5946	0.32635	0.09006	16	-0.67	1%	0
010.99	Moisture, Miscellaneous (%)	2043	9.4000	0.18000	9.5946	0.32635	0.09006	16	-0.60	1%	0
010.99	Moisture, Miscellaneous (%)	0917	9.4500	0.10000	9.5946	0.32635	0.09006	16	-0.44	1%	0
010.99	Moisture, Miscellaneous (%)	0884	9.5000	0.00000	9.5946	0.32635	0.09006	16	-0.29	0%	0
010.99	Moisture, Miscellaneous (%)	0692	9.6000	0.20000	9.5946	0.32635	0.09006	16	0.02	0%	0
010.99	Moisture, Miscellaneous (%)	2089	9.6750	0.05000	9.5946	0.32635	0.09006	16	0.25	0%	0
010.99	Moisture, Miscellaneous (%)	2178	9.6800	0.20000	9.5946	0.32635	0.09006	16	0.26	0%	0
010.99	Moisture, Miscellaneous (%)	2076	9.7000	0.00000	9.5946	0.32635	0.09006	16	0.32	1%	0
010.99	Moisture, Miscellaneous (%)	0726	9.7150	0.05000	9.5946	0.32635	0.09006	16	0.37	1%	0
010.99	Moisture, Miscellaneous (%)	0652	9.7500	0.10000	9.5946	0.32635	0.09006	16	0.48	1%	0
010.99	Moisture, Miscellaneous (%)	0190	9.8950	0.03000	9.5946	0.32635	0.09006	16	0.92	2%	0
010.99	Moisture, Miscellaneous (%)	0722	10.420	0.01090	9.5946	0.32635	0.09006	16	2.53	4%	0
010.99	Moisture, Miscellaneous (%)	0952	10.485	0.07000	9.5946	0.32635	0.09006	16	2.73	5%	0
010.99	Moisture, Miscellaneous (%)	2129	9.1400	0.46000	9.5946	0.32635	0.09006	16	-1.39	2%	1
011.01	Loss on Drying, 135°C 2hr (%)	0722	8.8466	0.04450	10.258	0.29986	0.11289	71	-4.71	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	8.8900	0.06000	10.258	0.29986	0.11289	71	-4.56	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	2199	8.9500	0.10000	10.258	0.29986	0.11289	71	-4.36	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2200	9.1500	0.10000	10.258	0.29986	0.11289	71	-3.69	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	9.2000	0.06000	10.258	0.29986	0.11289	71	-3.53	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2193	9.4200	0.02000	10.258	0.29986	0.11289	71	-2.79	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	9.5200	0.12000	10.258	0.29986	0.11289	71	-2.46	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	9.5950	0.07000	10.258	0.29986	0.11289	71	-2.21	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	9.8050	0.05000	10.258	0.29986	0.11289	71	-1.51	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.8450	0.05200	10.258	0.29986	0.11289	71	-1.38	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.8500	0.20000	10.258	0.29986	0.11289	71	-1.36	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	9.9035	0.10900	10.258	0.29986	0.11289	71	-1.18	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	9.9350	0.05000	10.258	0.29986	0.11289	71	-1.08	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	9.9620	0.04000	10.258	0.29986	0.11289	71	-0.99	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	10.020	0.02000	10.258	0.29986	0.11289	71	-0.79	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0860	10.030	0.00000	10.258	0.29986	0.11289	71	-0.76	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	10.070	0.18000	10.258	0.29986	0.11289	71	-0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	10.105	0.05000	10.258	0.29986	0.11289	71	-0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.115	0.35000	10.258	0.29986	0.11289	71	-0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.120	0.38000	10.258	0.29986	0.11289	71	-0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	10.150	0.18000	10.258	0.29986	0.11289	71	-0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	10.170	0.00000	10.258	0.29986	0.11289	71	-0.29	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	
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.180	0.06000	10.258	0.29986	0.11289	71	-0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	10.190	0.12000	10.258	0.29986	0.11289	71	-0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	10.196	0.06100	10.258	0.29986	0.11289	71	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	10.200	0.11700	10.258	0.29986	0.11289	71	-0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	10.205	0.17000	10.258	0.29986	0.11289	71	-0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	10.206	0.01450	10.258	0.29986	0.11289	71	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	10.210	0.02000	10.258	0.29986	0.11289	71	-0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	10.250	0.10000	10.258	0.29986	0.11289	71	-0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	10.250	0.02000	10.258	0.29986	0.11289	71	-0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	10.265	0.09000	10.258	0.29986	0.11289	71	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	10.275	0.01000	10.258	0.29986	0.11289	71	0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	10.280	0.00000	10.258	0.29986	0.11289	71	0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.287	0.05110	10.258	0.29986	0.11289	71	0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	10.295	0.09000	10.258	0.29986	0.11289	71	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	10.297	0.27330	10.258	0.29986	0.11289	71	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	10.305	0.17000	10.258	0.29986	0.11289	71	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	10.310	0.00000	10.258	0.29986	0.11289	71	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	10.315	0.05000	10.258	0.29986	0.11289	71	0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	10.335	0.01000	10.258	0.29986	0.11289	71	0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	10.337	0.32280	10.258	0.29986	0.11289	71	0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2181	10.340	0.18000	10.258	0.29986	0.11289	71	0.27	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	10.345	0.25000	10.258	0.29986	0.11289	71	0.29	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	10.350	0.06000	10.258	0.29986	0.11289	71	0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	10.350	0.10000	10.258	0.29986	0.11289	71	0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0955	10.350	0.10000	10.258	0.29986	0.11289	71	0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.400	0.60000	10.258	0.29986	0.11289	71	0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.415	0.03000	10.258	0.29986	0.11289	71	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.420	0.02000	10.258	0.29986	0.11289	71	0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.420	0.00000	10.258	0.29986	0.11289	71	0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.440	0.08000	10.258	0.29986	0.11289	71	0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.445	0.11000	10.258	0.29986	0.11289	71	0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	10.450	0.04000	10.258	0.29986	0.11289	71	0.64	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	10.450	0.00000	10.258	0.29986	0.11289	71	0.64	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.455	0.01000	10.258	0.29986	0.11289	71	0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.475	0.21000	10.258	0.29986	0.11289	71	0.72	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	10.485	0.33000	10.258	0.29986	0.11289	71	0.76	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	10.500	0.20000	10.258	0.29986	0.11289	71	0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	10.500	0.20000	10.258	0.29986	0.11289	71	0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	10.500	0.04000	10.258	0.29986	0.11289	71	0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.540	0.16000	10.258	0.29986	0.11289	71	0.94	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.565	0.11000	10.258	0.29986	0.11289	71	1.03	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	10.610	0.02000	10.258	0.29986	0.11289	71	1.18	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0108	10.615	0.03000	10.258	0.29986	0.11289	71	1.19	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.650	0.10000	10.258	0.29986	0.11289	71	1.31	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	10.680	0.04000	10.258	0.29986	0.11289	71	1.41	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	10.695	0.35000	10.258	0.29986	0.11289	71	1.46	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	10.700	0.34000	10.258	0.29986	0.11289	71	1.48	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	10.965	0.21000	10.258	0.29986	0.11289	71	2.36	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	11.105	0.11000	10.258	0.29986	0.11289	71	2.83	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	10.670	1.1800	10.258	0.29986	0.11289	71	1.38	2%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	10.210	0.14000				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	10.380	0.02000				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0843	10.810	0.28000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	10.100	0.00000				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0852	10.590	0.32000				2			0
012.00	Starch, Polarimetric (Ewers) (%)	2009	33.024	0.05970	35.668	1.1596	0.18443	18	-2.28	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0638	33.900	0.00000	35.668	1.1596	0.18443	18	-1.52	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	34.200	0.60000	35.668	1.1596	0.18443	18	-1.27	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	34.670	0.64000	35.668	1.1596	0.18443	18	-0.86	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	34.980	0.06000	35.668	1.1596	0.18443	18	-0.59	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	35.015	0.03000	35.668	1.1596	0.18443	18	-0.56	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	35.150	0.30000	35.668	1.1596	0.18443	18	-0.45	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	35.815	0.33000	35.668	1.1596	0.18443	18	0.13	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	35.850	0.10000	35.668	1.1596	0.18443	18	0.16	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	35.850	0.10000	35.668	1.1596	0.18443	18	0.16	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	36.190	0.22000	35.668	1.1596	0.18443	18	0.45	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	36.350	0.50000	35.668	1.1596	0.18443	18	0.59	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	36.415	0.21000	35.668	1.1596	0.18443	18	0.64	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	36.465	0.11000	35.668	1.1596	0.18443	18	0.69	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	36.500	0.00000	35.668	1.1596	0.18443	18	0.72	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	36.740	0.00000	35.668	1.1596	0.18443	18	0.92	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	36.830	0.06000	35.668	1.1596	0.18443	18	1.00	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	37.150	0.00000	35.668	1.1596	0.18443	18	1.28	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	23.286	2.5560	33.401	2.4117	0.92630	10	-4.19	15%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	30.750	0.10000	33.401	2.4117	0.92630	10	-1.10	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	32.250	1.1000	33.401	2.4117	0.92630	10	-0.48	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	32.970	0.38000	33.401	2.4117	0.92630	10	-0.18	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	33.441	0.24600	33.401	2.4117	0.92630	10	0.02	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	33.640	1.1200	33.401	2.4117	0.92630	10	0.10	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	34.030	0.80000	33.401	2.4117	0.92630	10	0.26	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	34.879	1.1710	33.401	2.4117	0.92630	10	0.61	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	35.250	0.90000	33.401	2.4117	0.92630	10	0.77	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	39.185	0.89000	33.401	2.4117	0.92630	10	2.40	9%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0098	32.500	0.00000	36.825	5.3452	0.90333	6	-0.81	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	
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	33.650	1.5200	36.825	5.3452	0.90333	6	-0.59	4%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	34.615	0.43000	36.825	5.3452	0.90333	6	-0.41	3%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0955	35.250	2.3000	36.825	5.3452	0.90333	6	-0.29	2%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0889	40.090	0.08000	36.825	5.3452	0.90333	6	0.61	4%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0848	49.505	1.0900	36.825	5.3452	0.90333	6	2.37	17%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	32.300	0.40000	34.416	2.2017	0.30800	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	33.050	0.30000	34.416	2.2017	0.30800	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0353	33.275	0.19000	34.416	2.2017	0.30800	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0208	36.000	0.60000	34.416	2.2017	0.30800	5			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	37.455	0.05000	34.416	2.2017	0.30800	5			0
012.11	Starch, NIR (%)	0720	26.835	0.09000	32.209	4.4187	0.37220	5			0
012.11	Starch, NIR (%)	2128	30.050	0.23100	32.209	4.4187	0.37220	5			0
012.11	Starch, NIR (%)	0889	31.175	0.31000	32.209	4.4187	0.37220	5			0
012.11	Starch, NIR (%)	0852	34.650	0.42000	32.209	4.4187	0.37220	5			0
012.11	Starch, NIR (%)	0297	38.335	0.81000	32.209	4.4187	0.37220	5			0
012.99	Starch, Miscellaneous (%)	0939	36.470	0.54000				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	2.3889	0.17780	3.2238	0.55198	0.12634	19	-1.51	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	2.4150	0.11000	3.2238	0.55198	0.12634	19	-1.47	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	2.7800	0.02000	3.2238	0.55198	0.12634	19	-0.80	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	2.8550	0.19000	3.2238	0.55198	0.12634	19	-0.67	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	2.9150	0.03000	3.2238	0.55198	0.12634	19	-0.56	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2145	2.9800	0.00000	3.2238	0.55198	0.12634	19	-0.44	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	2.9950	0.15000	3.2238	0.55198	0.12634	19	-0.41	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	3.0500	0.10000	3.2238	0.55198	0.12634	19	-0.31	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	3.1450	0.07000	3.2238	0.55198	0.12634	19	-0.14	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	3.2000	0.00000	3.2238	0.55198	0.12634	19	-0.04	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	3.2300	0.08000	3.2238	0.55198	0.12634	19	0.01	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0885	3.3086	0.22520	3.2238	0.55198	0.12634	19	0.15	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0504	3.3400	0.26000	3.2238	0.55198	0.12634	19	0.21	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	3.3500	0.10000	3.2238	0.55198	0.12634	19	0.23	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	3.4300	0.18000	3.2238	0.55198	0.12634	19	0.37	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0139	3.7450	0.01000	3.2238	0.55198	0.12634	19	0.94	8%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	4.0150	0.09000	3.2238	0.55198	0.12634	19	1.43	12%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	4.0890	0.06740	3.2238	0.55198	0.12634	19	1.57	13%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0695	4.6000	0.54000	3.2238	0.55198	0.12634	19	2.49	21%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	3.3350	0.67000	3.2238	0.55198	0.12634	19	0.20	2%	1
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	3.1950	0.05000	3.8515	0.36632	0.10807	17	-1.79	9%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	3.3300	0.04000	3.8515	0.36632	0.10807	17	-1.42	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0208	3.3700	0.14000	3.8515	0.36632	0.10807	17	-1.31	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	3.6050	0.13000	3.8515	0.36632	0.10807	17	-0.67	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	3.6678	0.04720	3.8515	0.36632	0.10807	17	-0.50	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	3.7450	0.07000	3.8515	0.36632	0.10807	17	-0.29	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	
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0171	3.7900	0.34000	3.8515	0.36632	0.10807	17	-0.17	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0354	3.8100	0.04000	3.8515	0.36632	0.10807	17	-0.11	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0164	3.8450	0.07000	3.8515	0.36632	0.10807	17	-0.02	0%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	2150	3.9000	0.14000	3.8515	0.36632	0.10807	17	0.13	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0921	4.0400	0.02000	3.8515	0.36632	0.10807	17	0.51	2%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0100	4.0650	0.11000	3.8515	0.36632	0.10807	17	0.58	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0676	4.0850	0.01000	3.8515	0.36632	0.10807	17	0.64	3%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0861	4.1400	0.08000	3.8515	0.36632	0.10807	17	0.79	4%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0682	4.1800	0.00000	3.8515	0.36632	0.10807	17	0.90	4%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0874	4.2000	0.18000	3.8515	0.36632	0.10807	17	0.95	5%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0675	5.3450	0.37000	3.8515	0.36632	0.10807	17	4.08	19%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	2.8161	0.05750	2.9928	0.12309	0.13188	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	3.0150	0.15000	2.9928	0.12309	0.13188	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2006	3.0400	0.12000	2.9928	0.12309	0.13188	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0638	3.1000	0.20000	2.9928	0.12309	0.13188	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	4.1400	0.24000	2.9928	0.12309	0.13188	4			2
013.12	Fat, Acid Pretreat, NIR- Acid Hydrolysis (%)	2128	0.27925	0.05870				1			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0904	2.7050	0.35000	3.1830	0.37637	0.24200	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	2.9400	0.12000	3.1830	0.37637	0.24200	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	3.1950	0.31000	3.1830	0.37637	0.24200	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	3.4200	0.30000	3.1830	0.37637	0.24200	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0955	3.6550	0.13000	3.1830	0.37637	0.24200	5			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0003	4.2150	2.6900	3.1830	0.37637	0.24200	5			1
013.99	Fat, Acid Pretreat, Pretreatment, Misc (%)	2161	6.1500	0.10000				1			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	54.340	1.8200				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	79.500	1.0000				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	84.955	0.89000				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	76.000	12.000				3			1
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	76.350	0.90000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	47.750	5.7000	74.389	13.744	2.6342	6	-1.94	18%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	69.500	3.0000	74.389	13.744	2.6342	6	-0.36	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	76.000	2.0000	74.389	13.744	2.6342	6	0.12	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	76.961	1.1053	74.389	13.744	2.6342	6	0.19	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	80.100	2.0000	74.389	13.744	2.6342	6	0.42	4%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	90.000	2.0000	74.389	13.744	2.6342	6	1.14	10%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	78.550	1.5000				1			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	86.250	0.30000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	10.575	0.05000				3			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	10.955	0.11000				3			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	11.220	0.26000				3			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	11.015	2.7300				3			1
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0265	9.7000	0.00000	10.869	1.7180	0.18850	6	-0.68	5%	0

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017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	9.9150	0.11000	10.869	1.7180	0.18850	6	-0.56	4%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	9.9415	0.37100	10.869	1.7180	0.18850	6	-0.54	4%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	10.105	0.35000	10.869	1.7180	0.18850	6	-0.44	4%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	12.280	0.24000	10.869	1.7180	0.18850	6	0.82	6%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	13.270	0.06000	10.869	1.7180	0.18850	6	1.40	11%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	9.4850	0.21000				3			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	10.000	0.00000				3			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	10.465	0.13000				3			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	10.000	2.0000				3			1
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	1.0000	0.00000				3			2
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.0350	0.01000	1.1265	0.08244	0.01818	12	-1.11	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.0480	0.02400	1.1265	0.08244	0.01818	12	-0.95	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.0490	0.01600	1.1265	0.08244	0.01818	12	-0.94	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.0633	0.00020	1.1265	0.08244	0.01818	12	-0.77	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	1.0900	0.02000	1.1265	0.08244	0.01818	12	-0.44	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	1.1100	0.00000	1.1265	0.08244	0.01818	12	-0.20	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.1350	0.03000	1.1265	0.08244	0.01818	12	0.10	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	1.1550	0.01000	1.1265	0.08244	0.01818	12	0.35	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.1570	0.05200	1.1265	0.08244	0.01818	12	0.37	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	1.2050	0.01000	1.1265	0.08244	0.01818	12	0.95	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.2200	0.02000	1.1265	0.08244	0.01818	12	1.13	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.2660	0.02600	1.1265	0.08244	0.01818	12	1.69	6%	0
019.02	Calcium, Hach Method (%)	2128	1.5235	0.23100				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.1783	0.01460				1			0
019.08	Calcium, EDTA (%)	2200	0.81000	0.02000	1.1070	0.08393	0.01328	13	-3.54	13%	0
019.08	Calcium, EDTA (%)	2199	0.97000	0.00000	1.1070	0.08393	0.01328	13	-1.63	6%	0
019.08	Calcium, EDTA (%)	0629	1.0450	0.01000	1.1070	0.08393	0.01328	13	-0.74	3%	0
019.08	Calcium, EDTA (%)	2188	1.0800	0.02000	1.1070	0.08393	0.01328	13	-0.32	1%	0
019.08	Calcium, EDTA (%)	0590	1.0850	0.01000	1.1070	0.08393	0.01328	13	-0.26	1%	0
019.08	Calcium, EDTA (%)	2196	1.0960	0.00000	1.1070	0.08393	0.01328	13	-0.13	0%	0
019.08	Calcium, EDTA (%)	0885	1.1201	0.04310	1.1070	0.08393	0.01328	13	0.16	1%	0
019.08	Calcium, EDTA (%)	0849	1.1345	0.01100	1.1070	0.08393	0.01328	13	0.33	1%	0
019.08	Calcium, EDTA (%)	2190	1.1390	0.02570	1.1070	0.08393	0.01328	13	0.38	1%	0
019.08	Calcium, EDTA (%)	0940	1.1400	0.02000	1.1070	0.08393	0.01328	13	0.39	1%	0
019.08	Calcium, EDTA (%)	2009	1.1638	0.00290	1.1070	0.08393	0.01328	13	0.68	3%	0
019.08	Calcium, EDTA (%)	0689	1.2000	0.00000	1.1070	0.08393	0.01328	13	1.11	4%	0
019.08	Calcium, EDTA (%)	2193	1.2250	0.01000	1.1070	0.08393	0.01328	13	1.41	5%	0
019.08	Calcium, EDTA (%)	0852	1.4500	0.10000	1.1070	0.08393	0.01328	13	4.09	15%	1
019.09	Calcium, Ion-selective electrode (%)	2006	1.4825	0.00500				1			0
019.31	Calcium, AAS, Dry ash (%)	0536	0.95000	0.00000	1.1297	0.04695	0.02844	25	-3.83	8%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.0548	0.02300	1.1297	0.04695	0.02844	25	-1.59	3%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.0616	0.04020	1.1297	0.04695	0.02844	25	-1.45	3%	0

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019.31	Calcium, AAS, Dry ash (%)	0884	1.0800	0.04000	1.1297	0.04695	0.02844	25	-1.06	2%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.0950	0.01000	1.1297	0.04695	0.02844	25	-0.74	2%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.1000	0.00000	1.1297	0.04695	0.02844	25	-0.63	1%	0
019.31	Calcium, AAS, Dry ash (%)	0722	1.1045	0.02100	1.1297	0.04695	0.02844	25	-0.54	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.1055	0.04500	1.1297	0.04695	0.02844	25	-0.51	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.1070	0.01200	1.1297	0.04695	0.02844	25	-0.48	1%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.1100	0.02000	1.1297	0.04695	0.02844	25	-0.42	1%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.1200	0.02000	1.1297	0.04695	0.02844	25	-0.21	0%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.1315	0.04700	1.1297	0.04695	0.02844	25	0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	2188	1.1350	0.01000	1.1297	0.04695	0.02844	25	0.11	0%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.1400	0.08000	1.1297	0.04695	0.02844	25	0.22	0%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.1400	0.06000	1.1297	0.04695	0.02844	25	0.22	0%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.1450	0.01000	1.1297	0.04695	0.02844	25	0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	0904	1.1500	0.06000	1.1297	0.04695	0.02844	25	0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.1500	0.02000	1.1297	0.04695	0.02844	25	0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0723	1.1560	0.00000	1.1297	0.04695	0.02844	25	0.56	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.1600	0.02000	1.1297	0.04695	0.02844	25	0.65	1%	0
019.31	Calcium, AAS, Dry ash (%)	2097	1.1671	0.00080	1.1297	0.04695	0.02844	25	0.80	2%	0
019.31	Calcium, AAS, Dry ash (%)	0656	1.1800	0.00000	1.1297	0.04695	0.02844	25	1.07	2%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.1850	0.17000	1.1297	0.04695	0.02844	25	1.18	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.2300	0.00000	1.1297	0.04695	0.02844	25	2.14	4%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.3100	0.00200	1.1297	0.04695	0.02844	25	3.84	8%	0
019.31	Calcium, AAS, Dry ash (%)	0152	1.3000	0.20000	1.1297	0.04695	0.02844	25	3.63	8%	1
019.32	Calcium, AAS, Open vessel (%)	0169	1.1400	0.00000				1			0
019.33	Calcium, AAS, Microwave (%)	0612	1.1850	0.05000				2			0
019.33	Calcium, AAS, Microwave (%)	0300	1.2600	0.06000				2			0
019.41	Calcium, ICP, Dry ash (%)	0144	1.0050	0.05000	1.1202	0.06208	0.02231	31	-1.86	5%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.0200	0.04000	1.1202	0.06208	0.02231	31	-1.61	4%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.0300	0.04000	1.1202	0.06208	0.02231	31	-1.45	4%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.0715	0.00300	1.1202	0.06208	0.02231	31	-0.79	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.0800	0.00000	1.1202	0.06208	0.02231	31	-0.65	2%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.0800	0.03800	1.1202	0.06208	0.02231	31	-0.65	2%	0
019.41	Calcium, ICP, Dry ash (%)	0720	1.0850	0.01000	1.1202	0.06208	0.02231	31	-0.57	2%	0
019.41	Calcium, ICP, Dry ash (%)	0695	1.0870	0.01400	1.1202	0.06208	0.02231	31	-0.54	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.0895	0.01300	1.1202	0.06208	0.02231	31	-0.50	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.0900	0.04000	1.1202	0.06208	0.02231	31	-0.49	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.0900	0.02000	1.1202	0.06208	0.02231	31	-0.49	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.0915	0.04500	1.1202	0.06208	0.02231	31	-0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.0950	0.05000	1.1202	0.06208	0.02231	31	-0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.0950	0.01000	1.1202	0.06208	0.02231	31	-0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.1000	0.04000	1.1202	0.06208	0.02231	31	-0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0878	1.1000	0.00000	1.1202	0.06208	0.02231	31	-0.33	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0520	1.1150	0.05000	1.1202	0.06208	0.02231	31	-0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.1150	0.01000	1.1202	0.06208	0.02231	31	-0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	2145	1.1235	0.02500	1.1202	0.06208	0.02231	31	0.05	0%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.1300	0.02000	1.1202	0.06208	0.02231	31	0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.1450	0.01000	1.1202	0.06208	0.02231	31	0.40	1%	0
019.41	Calcium, ICP, Dry ash (%)	0653	1.1490	0.00200	1.1202	0.06208	0.02231	31	0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.1500	0.00000	1.1202	0.06208	0.02231	31	0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.1550	0.01000	1.1202	0.06208	0.02231	31	0.56	2%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.1700	0.02000	1.1202	0.06208	0.02231	31	0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.1900	0.02000	1.1202	0.06208	0.02231	31	1.12	3%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.2000	0.00000	1.1202	0.06208	0.02231	31	1.28	4%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.2061	0.00170	1.1202	0.06208	0.02231	31	1.38	4%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.2400	0.04000	1.1202	0.06208	0.02231	31	1.93	5%	0
019.41	Calcium, ICP, Dry ash (%)	0505	1.2600	0.04000	1.1202	0.06208	0.02231	31	2.25	6%	0
019.41	Calcium, ICP, Dry ash (%)	0018	1.3150	0.03000	1.1202	0.06208	0.02231	31	3.14	9%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.3000	0.46000	1.1202	0.06208	0.02231	31	2.90	8%	1
019.42	Calcium, ICP, Open vessel (%)	0042	0.98650	0.04700	1.1269	0.09478	0.02963	21	-1.48	6%	0
019.42	Calcium, ICP, Open vessel (%)	2129	0.99865	0.00210	1.1269	0.09478	0.02963	21	-1.35	6%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.0279	0.00460	1.1269	0.09478	0.02963	21	-1.04	4%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.0380	0.08690	1.1269	0.09478	0.02963	21	-0.94	4%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.0650	0.05000	1.1269	0.09478	0.02963	21	-0.65	3%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.0700	0.00000	1.1269	0.09478	0.02963	21	-0.60	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.0950	0.01000	1.1269	0.09478	0.02963	21	-0.34	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.1000	0.08000	1.1269	0.09478	0.02963	21	-0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.1000	0.08000	1.1269	0.09478	0.02963	21	-0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.1050	0.01000	1.1269	0.09478	0.02963	21	-0.23	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.1195	0.01610	1.1269	0.09478	0.02963	21	-0.08	0%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.1205	0.01100	1.1269	0.09478	0.02963	21	-0.07	0%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.1350	0.07000	1.1269	0.09478	0.02963	21	0.09	0%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.1500	0.02000	1.1269	0.09478	0.02963	21	0.24	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.1510	0.00400	1.1269	0.09478	0.02963	21	0.25	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.1850	0.01000	1.1269	0.09478	0.02963	21	0.61	3%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.1950	0.01000	1.1269	0.09478	0.02963	21	0.72	3%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.2500	0.08000	1.1269	0.09478	0.02963	21	1.30	5%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.2530	0.01050	1.1269	0.09478	0.02963	21	1.33	6%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.2550	0.01000	1.1269	0.09478	0.02963	21	1.35	6%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.2650	0.01000	1.1269	0.09478	0.02963	21	1.46	6%	0
019.43	Calcium, ICP, Microwave (%)	2192	0.96500	0.05000	1.1242	0.04403	0.02699	29	-3.62	7%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.0050	0.05000	1.1242	0.04403	0.02699	29	-2.71	5%	0
019.43	Calcium, ICP, Microwave (%)	2055	1.0564	0.03240	1.1242	0.04403	0.02699	29	-1.54	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.0700	0.02000	1.1242	0.04403	0.02699	29	-1.23	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.0745	0.03140	1.1242	0.04403	0.02699	29	-1.13	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0861	1.0850	0.01000	1.1242	0.04403	0.02699	29	-0.89	2%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.1000	0.02000	1.1242	0.04403	0.02699	29	-0.55	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.1050	0.01000	1.1242	0.04403	0.02699	29	-0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.1050	0.01000	1.1242	0.04403	0.02699	29	-0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.1120	0.01600	1.1242	0.04403	0.02699	29	-0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0638	1.1180	0.00000	1.1242	0.04403	0.02699	29	-0.14	0%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.1200	0.04000	1.1242	0.04403	0.02699	29	-0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.1200	0.00000	1.1242	0.04403	0.02699	29	-0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0034	1.1205	0.05100	1.1242	0.04403	0.02699	29	-0.08	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.1220	0.02590	1.1242	0.04403	0.02699	29	-0.05	0%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.1250	0.09000	1.1242	0.04403	0.02699	29	0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.1300	0.02000	1.1242	0.04403	0.02699	29	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0089	1.1300	0.00000	1.1242	0.04403	0.02699	29	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.1350	0.07000	1.1242	0.04403	0.02699	29	0.24	0%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.1350	0.00400	1.1242	0.04403	0.02699	29	0.24	0%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.1450	0.01000	1.1242	0.04403	0.02699	29	0.47	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.1550	0.01000	1.1242	0.04403	0.02699	29	0.70	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.1550	0.01000	1.1242	0.04403	0.02699	29	0.70	1%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.1600	0.00000	1.1242	0.04403	0.02699	29	0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.1650	0.01000	1.1242	0.04403	0.02699	29	0.93	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.1700	0.02000	1.1242	0.04403	0.02699	29	1.04	2%	0
019.43	Calcium, ICP, Microwave (%)	0006	1.2040	0.03400	1.1242	0.04403	0.02699	29	1.81	4%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.2240	0.10800	1.1242	0.04403	0.02699	29	2.27	4%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.2250	0.03000	1.1242	0.04403	0.02699	29	2.29	4%	0
019.44	Calcium, ICP, Dry ash (%)	0955	1.0850	0.03000				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.1150	0.01000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.1600	0.06000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.1723	0.09280				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.1500	0.04000				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.1500	0.00000				2			0
019.99	Calcium, Miscellaneous (%)	0889	0.92300	0.01260	1.0926	0.09787	0.00877	6	-1.73	8%	0
019.99	Calcium, Miscellaneous (%)	0590	1.0450	0.01000	1.0926	0.09787	0.00877	6	-0.49	2%	0
019.99	Calcium, Miscellaneous (%)	0242	1.0950	0.01000	1.0926	0.09787	0.00877	6	0.02	0%	0
019.99	Calcium, Miscellaneous (%)	2161	1.1300	0.00000	1.0926	0.09787	0.00877	6	0.38	2%	0
019.99	Calcium, Miscellaneous (%)	0100	1.1650	0.01000	1.0926	0.09787	0.00877	6	0.74	3%	0
019.99	Calcium, Miscellaneous (%)	2126	1.1750	0.01000	1.0926	0.09787	0.00877	6	0.84	4%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	0.15000	0.10000				2			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	0.78500	0.07000				2			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	0.33600	0.00600				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	0.56850	0.03900				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0148	0.70000	0.02000				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	0.42400	0.05800				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			
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	0.45500	0.21000				2			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	0.41000	0.00000	0.52583	0.12238	0.04014	5			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	0.46365	0.05170	0.52583	0.12238	0.04014	5			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	0.49550	0.00900	0.52583	0.12238	0.04014	5			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	0.53000	0.04000	0.52583	0.12238	0.04014	5			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	0.73000	0.10000	0.52583	0.12238	0.04014	5			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.39500	0.05000				2			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.63955	0.33750				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.41445	0.01750				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	0.59450	0.05700				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.66600	0.01000				3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	12.300	0.60000	17.275	2.5517	1.5192	13	-1.95	14%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0656	14.565	1.3500	17.275	2.5517	1.5192	13	-1.06	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	15.100	0.06000	17.275	2.5517	1.5192	13	-0.85	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	15.360	1.8600	17.275	2.5517	1.5192	13	-0.75	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2188	16.640	0.18000	17.275	2.5517	1.5192	13	-0.25	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0884	16.650	0.50000	17.275	2.5517	1.5192	13	-0.24	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	17.945	0.45000	17.275	2.5517	1.5192	13	0.26	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	18.000	4.0000	17.275	2.5517	1.5192	13	0.28	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	18.000	0.00000	17.275	2.5517	1.5192	13	0.28	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2196	18.600	0.00000	17.275	2.5517	1.5192	13	0.52	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	18.865	0.05000	17.275	2.5517	1.5192	13	0.62	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	20.300	4.8000	17.275	2.5517	1.5192	13	1.19	9%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2062	22.050	5.9000	17.275	2.5517	1.5192	13	1.87	14%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2097	92.495	0.19000	17.275	2.5517	1.5192	13	29.48	218%	2
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	12.517	6.0760				2			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	18.990	1.9800				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	15.271	0.25200				1			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0695	10.265	0.05800	15.856	1.8148	0.75088	21	-3.08	18%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	12.375	1.0900	15.856	1.8148	0.75088	21	-1.92	11%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	14.265	0.09000	15.856	1.8148	0.75088	21	-0.88	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	14.500	1.0000	15.856	1.8148	0.75088	21	-0.75	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	14.540	0.12000	15.856	1.8148	0.75088	21	-0.73	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	14.600	0.20000	15.856	1.8148	0.75088	21	-0.69	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	14.790	0.44000	15.856	1.8148	0.75088	21	-0.59	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	15.000	0.60000	15.856	1.8148	0.75088	21	-0.47	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	15.500	1.0000	15.856	1.8148	0.75088	21	-0.20	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	15.775	0.49000	15.856	1.8148	0.75088	21	-0.04	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	15.810	0.64000	15.856	1.8148	0.75088	21	-0.03	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	16.000	2.0000	15.856	1.8148	0.75088	21	0.08	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	16.140	0.44000	15.856	1.8148	0.75088	21	0.16	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0653	16.265	0.93000	15.856	1.8148	0.75088	21	0.23	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	
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	16.500	1.0000	15.856	1.8148	0.75088	21	0.35	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	17.050	2.5000	15.856	1.8148	0.75088	21	0.66	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	17.130	0.14000	15.856	1.8148	0.75088	21	0.70	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	17.500	1.0000	15.856	1.8148	0.75088	21	0.91	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	18.192	0.19050	15.856	1.8148	0.75088	21	1.29	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	19.500	1.0000	15.856	1.8148	0.75088	21	2.01	11%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	23.640	0.84000	15.856	1.8148	0.75088	21	4.29	25%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	52.250	3.7000	15.856	1.8148	0.75088	21	20.05	115%	2
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	13.000	0.00000	18.072	1.7051	1.1001	20	-2.97	14%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	14.950	0.10000	18.072	1.7051	1.1001	20	-1.83	9%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	16.450	1.9000	18.072	1.7051	1.1001	20	-0.95	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	16.500	0.20000	18.072	1.7051	1.1001	20	-0.92	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	16.600	1.6000	18.072	1.7051	1.1001	20	-0.86	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0263	17.070	0.02000	18.072	1.7051	1.1001	20	-0.59	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	17.500	1.0000	18.072	1.7051	1.1001	20	-0.34	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	17.750	0.90000	18.072	1.7051	1.1001	20	-0.19	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	18.139	0.17900	18.072	1.7051	1.1001	20	0.04	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	18.145	0.08200	18.072	1.7051	1.1001	20	0.04	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	18.335	0.09000	18.072	1.7051	1.1001	20	0.15	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	18.340	1.2600	18.072	1.7051	1.1001	20	0.16	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2053	18.400	1.0000	18.072	1.7051	1.1001	20	0.19	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	18.650	1.1000	18.072	1.7051	1.1001	20	0.34	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	18.745	0.17000	18.072	1.7051	1.1001	20	0.39	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	18.950	1.5000	18.072	1.7051	1.1001	20	0.52	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	19.325	0.41000	18.072	1.7051	1.1001	20	0.73	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	20.250	0.70000	18.072	1.7051	1.1001	20	1.28	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	26.355	0.69000	18.072	1.7051	1.1001	20	4.86	23%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	27.050	9.1000	18.072	1.7051	1.1001	20	5.27	25%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	28.000	12.000	18.072	1.7051	1.1001	20	5.82	27%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	0.00000	0.00000	18.072	1.7051	1.1001	20			4
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	8.7100	2.0800	17.090	2.0036	0.68251	21	-4.18	25%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	13.820	0.48000	17.090	2.0036	0.68251	21	-1.63	10%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	15.150	0.50000	17.090	2.0036	0.68251	21	-0.97	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	15.500	1.0000	17.090	2.0036	0.68251	21	-0.79	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	15.900	0.60000	17.090	2.0036	0.68251	21	-0.59	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	15.925	0.39000	17.090	2.0036	0.68251	21	-0.58	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	15.953	0.55270	17.090	2.0036	0.68251	21	-0.57	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	16.400	0.00000	17.090	2.0036	0.68251	21	-0.34	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	16.475	0.29000	17.090	2.0036	0.68251	21	-0.31	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	16.500	1.0000	17.090	2.0036	0.68251	21	-0.29	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	16.850	0.50000	17.090	2.0036	0.68251	21	-0.12	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	17.000	0.00000	17.090	2.0036	0.68251	21	-0.05	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	17.200	1.2000	17.090	2.0036	0.68251	21	0.05	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	18.000	0.00000	17.090	2.0036	0.68251	21	0.45	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2055	18.250	0.90000	17.090	2.0036	0.68251	21	0.58	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	18.500	1.0000	17.090	2.0036	0.68251	21	0.70	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	18.930	0.58000	17.090	2.0036	0.68251	21	0.92	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	19.000	0.00000	17.090	2.0036	0.68251	21	0.95	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	19.100	0.20000	17.090	2.0036	0.68251	21	1.00	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	20.000	2.0000	17.090	2.0036	0.68251	21	1.45	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2192	31.710	1.0600	17.090	2.0036	0.68251	21	7.30	43%	0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	25.500	15.000				1			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0638	14.200	0.00000				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	17.350	0.10000				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	17.350	1.1000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	15.000	0.00000	15.759	0.72980	0.31000	5			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	15.435	0.79000	15.759	0.72980	0.31000	5			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2161	15.460	0.16000	15.759	0.72980	0.31000	5			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	16.000	0.00000	15.759	0.72980	0.31000	5			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	16.900	0.60000	15.759	0.72980	0.31000	5			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0955	21.750	0.70000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	290.50	9.0000	350.26	18.091	7.6025	16	-3.30	9%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2188	321.20	3.9200	350.26	18.091	7.6025	16	-1.61	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	338.64	7.8200	350.26	18.091	7.6025	16	-0.64	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2062	340.35	1.7000	350.26	18.091	7.6025	16	-0.55	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0884	342.60	3.2000	350.26	18.091	7.6025	16	-0.42	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	343.52	42.640	350.26	18.091	7.6025	16	-0.37	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	347.00	10.000	350.26	18.091	7.6025	16	-0.18	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0001	349.40	1.4000	350.26	18.091	7.6025	16	-0.05	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	350.00	0.00000	350.26	18.091	7.6025	16	-0.01	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2196	351.90	0.00000	350.26	18.091	7.6025	16	0.09	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	353.00	8.0000	350.26	18.091	7.6025	16	0.15	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	356.52	1.0300	350.26	18.091	7.6025	16	0.35	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	360.03	0.96000	350.26	18.091	7.6025	16	0.54	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0656	372.13	0.17000	350.26	18.091	7.6025	16	1.21	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	375.50	23.000	350.26	18.091	7.6025	16	1.39	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	569.20	8.8000	350.26	18.091	7.6025	16	12.10	31%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	748.23	89.450	350.26	18.091	7.6025	16	22.00	57%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	2128	248.98	14.628				1			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	2178	419.50	59.000				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	225.50	15.800	334.63	34.015	11.474	25	-3.21	16%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	233.00	0.00000	334.63	34.015	11.474	25	-2.99	15%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	275.94	35.720	334.63	34.015	11.474	25	-1.73	9%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	288.50	55.000	334.63	34.015	11.474	25	-1.36	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2145	300.40	1.7100	334.63	34.015	11.474	25	-1.01	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0955	307.50	13.000	334.63	34.015	11.474	25	-0.80	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0695	307.73	0.11300	334.63	34.015	11.474	25	-0.79	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0653	319.60	5.6000	334.63	34.015	11.474	25	-0.44	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	333.00	8.0000	334.63	34.015	11.474	25	-0.05	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	333.15	9.5000	334.63	34.015	11.474	25	-0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	335.00	2.0000	334.63	34.015	11.474	25	0.01	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	337.00	16.000	334.63	34.015	11.474	25	0.07	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	341.70	3.0000	334.63	34.015	11.474	25	0.21	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	342.50	5.0000	334.63	34.015	11.474	25	0.23	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0505	342.55	4.9000	334.63	34.015	11.474	25	0.23	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	350.25	16.500	334.63	34.015	11.474	25	0.46	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	354.45	20.300	334.63	34.015	11.474	25	0.58	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	355.35	12.500	334.63	34.015	11.474	25	0.61	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	358.55	8.0700	334.63	34.015	11.474	25	0.70	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	359.55	2.3000	334.63	34.015	11.474	25	0.73	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	363.83	14.640	334.63	34.015	11.474	25	0.86	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	364.00	20.000	334.63	34.015	11.474	25	0.86	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	365.50	15.000	334.63	34.015	11.474	25	0.91	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	373.57	0.79090	334.63	34.015	11.474	25	1.14	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	381.20	1.4000	334.63	34.015	11.474	25	1.37	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	250.00	216.00	334.63	34.015	11.474	25	-2.49	13%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	201.90	1.0000	339.42	34.162	8.4361	15	-4.03	20%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	217.54	2.2700	339.42	34.162	8.4361	15	-3.57	18%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	298.00	10.000	339.42	34.162	8.4361	15	-1.21	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	318.95	24.700	339.42	34.162	8.4361	15	-0.60	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0263	328.82	6.4240	339.42	34.162	8.4361	15	-0.31	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	335.70	11.000	339.42	34.162	8.4361	15	-0.11	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	340.50	25.000	339.42	34.162	8.4361	15	0.03	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	346.15	2.3000	339.42	34.162	8.4361	15	0.20	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	347.00	6.0000	339.42	34.162	8.4361	15	0.22	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	350.90	4.6000	339.42	34.162	8.4361	15	0.34	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	357.50	5.0000	339.42	34.162	8.4361	15	0.53	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	366.28	7.6880	339.42	34.162	8.4361	15	0.79	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	369.68	7.5600	339.42	34.162	8.4361	15	0.89	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	372.50	1.0000	339.42	34.162	8.4361	15	0.97	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	383.00	12.000	339.42	34.162	8.4361	15	1.28	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	407.00	44.000	339.42	34.162	8.4361	15	1.98	10%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	229.50	15.000	346.33	32.895	6.2312	20	-3.55	17%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	295.50	5.0000	346.33	32.895	6.2312	20	-1.55	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	302.00	6.0000	346.33	32.895	6.2312	20	-1.35	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	312.00	6.0000	346.33	32.895	6.2312	20	-1.04	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	328.00	28.000	346.33	32.895	6.2312	20	-0.56	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	338.50	1.0000	346.33	32.895	6.2312	20	-0.24	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	339.60	3.0500	346.33	32.895	6.2312	20	-0.20	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0033	342.50	1.0000	346.33	32.895	6.2312	20	-0.12	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	344.02	6.9600	346.33	32.895	6.2312	20	-0.07	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2192	346.20	1.2000	346.33	32.895	6.2312	20	0.00	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	347.33	2.8800	346.33	32.895	6.2312	20	0.03	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	349.00	4.0000	346.33	32.895	6.2312	20	0.08	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	350.00	16.000	346.33	32.895	6.2312	20	0.11	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	362.70	0.53300	346.33	32.895	6.2312	20	0.50	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	363.00	8.0000	346.33	32.895	6.2312	20	0.51	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	367.75	2.3000	346.33	32.895	6.2312	20	0.65	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	369.00	4.0000	346.33	32.895	6.2312	20	0.69	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	379.65	0.70000	346.33	32.895	6.2312	20	1.01	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	398.50	13.000	346.33	32.895	6.2312	20	1.59	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	404.42	0.00000	346.33	32.895	6.2312	20	1.77	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	382.50	51.000	346.33	32.895	6.2312	20	1.10	5%	1
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	301.55	4.1000				2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	364.49	3.8200				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	338.00	2.0000				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0638	350.30	0.00000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	2129	355.15	26.100				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	364.00	10.000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	367.00	10.000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	2161	285.50	5.0000				3			2
027.31	Magnesium, AAS, Dry ash (%)	0689	0.18500	0.01000	0.19891	0.00892	0.00393	16	-1.56	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.18500	0.01000	0.19891	0.00892	0.00393	16	-1.56	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.19000	0.00000	0.19891	0.00892	0.00393	16	-1.00	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.19410	0.00080	0.19891	0.00892	0.00393	16	-0.54	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.19500	0.01000	0.19891	0.00892	0.00393	16	-0.44	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.19600	0.00000	0.19891	0.00892	0.00393	16	-0.33	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.20000	0.00000	0.19891	0.00892	0.00393	16	0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.20000	0.00000	0.19891	0.00892	0.00393	16	0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.20000	0.00000	0.19891	0.00892	0.00393	16	0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.20000	0.00000	0.19891	0.00892	0.00393	16	0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.20000	0.00000	0.19891	0.00892	0.00393	16	0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.20150	0.00700	0.19891	0.00892	0.00393	16	0.29	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.20320	0.00440	0.19891	0.00892	0.00393	16	0.48	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.20715	0.00070	0.19891	0.00892	0.00393	16	0.92	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.22000	0.00000	0.19891	0.00892	0.00393	16	2.36	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.22000	0.02000	0.19891	0.00892	0.00393	16	2.36	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.20425	0.02850	0.19891	0.00892	0.00393	16	0.60	1%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.32	Magnesium, AAS, Open vessel (%)	0169	0.16000	0.00000				1			0
027.33	Magnesium, AAS, Microwave (%)	0612	0.22400	0.01800				3			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.22800	0.00600				3			0
027.33	Magnesium, AAS, Microwave (%)	2178	2,162.0	34.000				3			0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.18500	0.01000	0.19861	0.00814	0.00462	26	-1.67	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.18900	0.02000	0.19861	0.00814	0.00462	26	-1.18	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.19000	0.00000	0.19861	0.00814	0.00462	26	-1.06	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.19000	0.00000	0.19861	0.00814	0.00462	26	-1.06	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.19000	0.00000	0.19861	0.00814	0.00462	26	-1.06	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.19000	0.00000	0.19861	0.00814	0.00462	26	-1.06	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0695	0.19450	0.00100	0.19861	0.00814	0.00462	26	-0.50	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.19500	0.01000	0.19861	0.00814	0.00462	26	-0.44	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.19500	0.00200	0.19861	0.00814	0.00462	26	-0.44	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.19640	0.00020	0.19861	0.00814	0.00462	26	-0.27	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.19650	0.00040	0.19861	0.00814	0.00462	26	-0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.19700	0.00600	0.19861	0.00814	0.00462	26	-0.20	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.19800	0.00200	0.19861	0.00814	0.00462	26	-0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.19850	0.00100	0.19861	0.00814	0.00462	26	-0.01	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.19910	0.00760	0.19861	0.00814	0.00462	26	0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.20000	0.00000	0.19861	0.00814	0.00462	26	0.17	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.20000	0.00000	0.19861	0.00814	0.00462	26	0.17	0%	0
027.41	Magnesium, ICP, Dry ash (%)	2145	0.20100	0.00200	0.19861	0.00814	0.00462	26	0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.20250	0.00300	0.19861	0.00814	0.00462	26	0.48	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.20350	0.00100	0.19861	0.00814	0.00462	26	0.60	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0653	0.20400	0.00400	0.19861	0.00814	0.00462	26	0.66	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.20500	0.01000	0.19861	0.00814	0.00462	26	0.78	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.21000	0.02000	0.19861	0.00814	0.00462	26	1.40	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.21500	0.01000	0.19861	0.00814	0.00462	26	2.01	4%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.21500	0.01000	0.19861	0.00814	0.00462	26	2.01	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0505	0.22000	0.00000	0.19861	0.00814	0.00462	26	2.63	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.21500	0.03000	0.19861	0.00814	0.00462	26	2.01	4%	1
027.42	Magnesium, ICP, Open vessel (%)	2129	0.18275	0.00670	0.20257	0.01622	0.00507	20	-1.22	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.18400	0.00600	0.20257	0.01622	0.00507	20	-1.14	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.18450	0.00600	0.20257	0.01622	0.00507	20	-1.11	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.18500	0.01000	0.20257	0.01622	0.00507	20	-1.08	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.18850	0.00100	0.20257	0.01622	0.00507	20	-0.87	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.19075	0.00170	0.20257	0.01622	0.00507	20	-0.73	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.19335	0.00470	0.20257	0.01622	0.00507	20	-0.57	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.19500	0.01000	0.20257	0.01622	0.00507	20	-0.47	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.19945	0.00230	0.20257	0.01622	0.00507	20	-0.19	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.20000	0.00000	0.20257	0.01622	0.00507	20	-0.16	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.20000	0.00000	0.20257	0.01622	0.00507	20	-0.16	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	
027.42	Magnesium, ICP, Open vessel (%)	0037	0.21000	0.00000	0.20257	0.01622	0.00507	20	0.46	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.21000	0.00000	0.20257	0.01622	0.00507	20	0.46	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.21365	0.00870	0.20257	0.01622	0.00507	20	0.68	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.21435	0.00030	0.20257	0.01622	0.00507	20	0.73	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.21500	0.01000	0.20257	0.01622	0.00507	20	0.77	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.21500	0.01000	0.20257	0.01622	0.00507	20	0.77	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.21850	0.01300	0.20257	0.01622	0.00507	20	0.98	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.22500	0.01000	0.20257	0.01622	0.00507	20	1.38	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.22650	0.00100	0.20257	0.01622	0.00507	20	1.48	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.19500	0.03000	0.20257	0.01622	0.00507	20	-0.47	2%	1
027.43	Magnesium, ICP, Microwave (%)	0297	0.18000	0.02000	0.20101	0.01075	0.00530	26	-1.95	5%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.19000	0.00000	0.20101	0.01075	0.00530	26	-1.02	3%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.19000	0.00000	0.20101	0.01075	0.00530	26	-1.02	3%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.19000	0.00000	0.20101	0.01075	0.00530	26	-1.02	3%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.19000	0.00000	0.20101	0.01075	0.00530	26	-1.02	3%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.19100	0.00200	0.20101	0.01075	0.00530	26	-0.93	2%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.19450	0.00900	0.20101	0.01075	0.00530	26	-0.61	2%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.19450	0.00300	0.20101	0.01075	0.00530	26	-0.61	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.19500	0.01000	0.20101	0.01075	0.00530	26	-0.56	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.19500	0.01000	0.20101	0.01075	0.00530	26	-0.56	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.19550	0.00100	0.20101	0.01075	0.00530	26	-0.51	1%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.20000	0.00000	0.20101	0.01075	0.00530	26	-0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.20100	0.00400	0.20101	0.01075	0.00530	26	0.00	0%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.20200	0.00400	0.20101	0.01075	0.00530	26	0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0638	0.20200	0.00000	0.20101	0.01075	0.00530	26	0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.20335	0.00030	0.20101	0.01075	0.00530	26	0.22	1%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.20380	0.00560	0.20101	0.01075	0.00530	26	0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.20500	0.01000	0.20101	0.01075	0.00530	26	0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.20500	0.01000	0.20101	0.01075	0.00530	26	0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.20800	0.01600	0.20101	0.01075	0.00530	26	0.65	2%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.21000	0.00000	0.20101	0.01075	0.00530	26	0.84	2%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.21000	0.00000	0.20101	0.01075	0.00530	26	0.84	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.21500	0.01000	0.20101	0.01075	0.00530	26	1.30	3%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.21650	0.00300	0.20101	0.01075	0.00530	26	1.44	4%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.22000	0.02000	0.20101	0.01075	0.00530	26	1.77	5%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.22410	0.00000	0.20101	0.01075	0.00530	26	2.15	6%	0
027.44	Magnesium, ICP, Dry ash (%)	0955	0.19400	0.00800				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.18000	0.00000				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.20850	0.00300				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.23420	0.01100				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.19500	0.00600				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.20300	0.00800				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.99	Magnesium, Miscellaneous (%)	0889	0.17925	0.01790	0.19485	0.01143	0.00558	5			0
027.99	Magnesium, Miscellaneous (%)	2161	0.19000	0.00000	0.19485	0.01143	0.00558	5			0
027.99	Magnesium, Miscellaneous (%)	0590	0.19500	0.01000	0.19485	0.01143	0.00558	5			0
027.99	Magnesium, Miscellaneous (%)	0242	0.20000	0.00000	0.19485	0.01143	0.00558	5			0
027.99	Magnesium, Miscellaneous (%)	0100	0.21000	0.00000	0.19485	0.01143	0.00558	5			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	63.600	4.6000	86.376	6.7600	2.1535	17	-3.37	13%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	75.400	3.2000	86.376	6.7600	2.1535	17	-1.62	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	79.000	2.0000	86.376	6.7600	2.1535	17	-1.09	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	82.000	0.00000	86.376	6.7600	2.1535	17	-0.65	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0656	83.120	1.1000	86.376	6.7600	2.1535	17	-0.48	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0884	83.900	1.8000	86.376	6.7600	2.1535	17	-0.37	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2062	83.900	0.20000	86.376	6.7600	2.1535	17	-0.37	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	85.975	0.29000	86.376	6.7600	2.1535	17	-0.06	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	86.165	5.5700	86.376	6.7600	2.1535	17	-0.03	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2188	87.745	2.1100	86.376	6.7600	2.1535	17	0.20	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	88.870	0.14000	86.376	6.7600	2.1535	17	0.37	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2196	89.000	0.00000	86.376	6.7600	2.1535	17	0.39	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	90.985	3.0900	86.376	6.7600	2.1535	17	0.68	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2097	91.457	0.18900	86.376	6.7600	2.1535	17	0.75	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	93.650	1.0200	86.376	6.7600	2.1535	17	1.08	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	95.000	6.0000	86.376	6.7600	2.1535	17	1.28	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	95.150	5.3000	86.376	6.7600	2.1535	17	1.30	5%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	72.209	6.0390				2			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	94.775	9.5500				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	81.723	0.55500				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0505	49.030	4.3200	83.397	6.3099	3.0828	22	-5.45	21%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0653	74.940	2.3200	83.397	6.3099	3.0828	22	-1.34	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	77.000	6.0000	83.397	6.3099	3.0828	22	-1.01	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	77.270	8.1600	83.397	6.3099	3.0828	22	-0.97	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0695	77.365	0.08800	83.397	6.3099	3.0828	22	-0.96	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	78.815	0.15000	83.397	6.3099	3.0828	22	-0.73	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	80.000	2.0000	83.397	6.3099	3.0828	22	-0.54	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	80.525	6.6300	83.397	6.3099	3.0828	22	-0.46	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	81.000	1.6800	83.397	6.3099	3.0828	22	-0.38	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	82.600	2.6000	83.397	6.3099	3.0828	22	-0.13	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	83.000	2.0000	83.397	6.3099	3.0828	22	-0.06	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	83.500	1.0000	83.397	6.3099	3.0828	22	0.02	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	83.560	0.20000	83.397	6.3099	3.0828	22	0.03	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	86.550	2.4400	83.397	6.3099	3.0828	22	0.50	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	87.285	2.9300	83.397	6.3099	3.0828	22	0.62	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	87.500	3.0000	83.397	6.3099	3.0828	22	0.65	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	87.791	0.00300	83.397	6.3099	3.0828	22	0.70	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	87.805	1.7900	83.397	6.3099	3.0828	22	0.70	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	88.500	5.0000	83.397	6.3099	3.0828	22	0.81	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	91.000	4.0000	83.397	6.3099	3.0828	22	1.20	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	91.930	9.2600	83.397	6.3099	3.0828	22	1.35	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	95.245	2.2500	83.397	6.3099	3.0828	22	1.88	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	85.135	14.610	83.397	6.3099	3.0828	22	0.28	1%	1
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	68.755	0.49000	90.211	7.6388	3.5241	21	-2.81	12%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	78.500	1.0000	90.211	7.6388	3.5241	21	-1.53	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	81.600	2.6000	90.211	7.6388	3.5241	21	-1.13	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0263	82.440	0.30000	90.211	7.6388	3.5241	21	-1.02	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	84.500	1.0000	90.211	7.6388	3.5241	21	-0.75	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	85.280	1.4800	90.211	7.6388	3.5241	21	-0.65	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	88.064	12.226	90.211	7.6388	3.5241	21	-0.28	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	88.200	6.0000	90.211	7.6388	3.5241	21	-0.26	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	88.400	0.20000	90.211	7.6388	3.5241	21	-0.24	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	89.500	9.0000	90.211	7.6388	3.5241	21	-0.09	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	89.550	3.3000	90.211	7.6388	3.5241	21	-0.09	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	90.935	1.3300	90.211	7.6388	3.5241	21	0.09	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	91.950	6.1000	90.211	7.6388	3.5241	21	0.23	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	93.200	1.2000	90.211	7.6388	3.5241	21	0.39	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	93.500	5.0000	90.211	7.6388	3.5241	21	0.43	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	96.000	4.0000	90.211	7.6388	3.5241	21	0.76	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	96.760	0.26000	90.211	7.6388	3.5241	21	0.86	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	96.795	0.03000	90.211	7.6388	3.5241	21	0.86	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	98.308	2.2210	90.211	7.6388	3.5241	21	1.06	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	100.44	1.2700	90.211	7.6388	3.5241	21	1.34	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	101.50	15.000	90.211	7.6388	3.5241	21	1.48	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	0.96000	0.02000	88.154	7.3756	4.4400	18	-11.82	49%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	68.500	10.200	88.154	7.3756	4.4400	18	-2.66	11%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	81.000	4.0000	88.154	7.3756	4.4400	18	-0.97	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	82.000	10.000	88.154	7.3756	4.4400	18	-0.83	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	83.740	3.6800	88.154	7.3756	4.4400	18	-0.60	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	85.320	0.42000	88.154	7.3756	4.4400	18	-0.38	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	86.500	1.0000	88.154	7.3756	4.4400	18	-0.22	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	87.150	8.1000	88.154	7.3756	4.4400	18	-0.14	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	87.860	2.9200	88.154	7.3756	4.4400	18	-0.04	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	88.000	2.0000	88.154	7.3756	4.4400	18	-0.02	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	88.277	3.4005	88.154	7.3756	4.4400	18	0.02	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	90.350	0.10000	88.154	7.3756	4.4400	18	0.30	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	91.740	3.7000	88.154	7.3756	4.4400	18	0.49	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	92.380	0.00000	88.154	7.3756	4.4400	18	0.57	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	96.500	3.0000	88.154	7.3756	4.4400	18	1.13	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	
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	97.000	12.000	88.154	7.3756	4.4400	18	1.20	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	97.250	2.7000	88.154	7.3756	4.4400	18	1.23	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	97.520	12.680	88.154	7.3756	4.4400	18	1.27	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	894.00	96.000	88.154	7.3756	4.4400	18	109.26	457%	2
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2145	80.233	0.78100				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	102.50	3.0000				1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2192	78.650	6.5000	84.800	4.6338	2.2000	4			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0638	85.200	0.00000	84.800	4.6338	2.2000	4			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	85.450	2.1000	84.800	4.6338	2.2000	4			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	89.900	0.20000	84.800	4.6338	2.2000	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2129	80.000	1.7000	87.190	6.5227	4.1600	5			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	82.150	4.5000	87.190	6.5227	4.1600	5			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	86.000	8.0000	87.190	6.5227	4.1600	5			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	93.000	6.0000	87.190	6.5227	4.1600	5			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2161	94.800	0.60000	87.190	6.5227	4.1600	5			0
031.00	Phosphorus, Vol (%)	0895	0.70500	0.01000				1			0
031.01	Phosphorus, Photometric (%)	0722	0.57200	0.05600	0.68652	0.02549	0.01169	52	-4.49	8%	0
031.01	Phosphorus, Photometric (%)	0874	0.60630	0.00200	0.68652	0.02549	0.01169	52	-3.15	6%	0
031.01	Phosphorus, Photometric (%)	2192	0.61500	0.01000	0.68652	0.02549	0.01169	52	-2.81	5%	0
031.01	Phosphorus, Photometric (%)	0622	0.63890	0.04340	0.68652	0.02549	0.01169	52	-1.87	3%	0
031.01	Phosphorus, Photometric (%)	0590	0.65000	0.02000	0.68652	0.02549	0.01169	52	-1.43	3%	0
031.01	Phosphorus, Photometric (%)	2126	0.65500	0.01000	0.68652	0.02549	0.01169	52	-1.24	2%	0
031.01	Phosphorus, Photometric (%)	0563	0.65710	0.00380	0.68652	0.02549	0.01169	52	-1.15	2%	0
031.01	Phosphorus, Photometric (%)	0511	0.66000	0.00000	0.68652	0.02549	0.01169	52	-1.04	2%	0
031.01	Phosphorus, Photometric (%)	0108	0.66500	0.01000	0.68652	0.02549	0.01169	52	-0.84	2%	0
031.01	Phosphorus, Photometric (%)	2181	0.66500	0.01000	0.68652	0.02549	0.01169	52	-0.84	2%	0
031.01	Phosphorus, Photometric (%)	0038	0.66845	0.00310	0.68652	0.02549	0.01169	52	-0.71	1%	0
031.01	Phosphorus, Photometric (%)	0233	0.67000	0.00000	0.68652	0.02549	0.01169	52	-0.65	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.67000	0.02000	0.68652	0.02549	0.01169	52	-0.65	1%	0
031.01	Phosphorus, Photometric (%)	0656	0.67000	0.00000	0.68652	0.02549	0.01169	52	-0.65	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.67000	0.02000	0.68652	0.02549	0.01169	52	-0.65	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.67300	0.01000	0.68652	0.02549	0.01169	52	-0.53	1%	0
031.01	Phosphorus, Photometric (%)	0035	0.67500	0.03000	0.68652	0.02549	0.01169	52	-0.45	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.67795	0.00390	0.68652	0.02549	0.01169	52	-0.34	1%	0
031.01	Phosphorus, Photometric (%)	0018	0.67850	0.01300	0.68652	0.02549	0.01169	52	-0.31	1%	0
031.01	Phosphorus, Photometric (%)	0849	0.67900	0.00200	0.68652	0.02549	0.01169	52	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	0175	0.68000	0.02000	0.68652	0.02549	0.01169	52	-0.26	0%	0
031.01	Phosphorus, Photometric (%)	2200	0.68000	0.04000	0.68652	0.02549	0.01169	52	-0.26	0%	0
031.01	Phosphorus, Photometric (%)	0354	0.68000	0.00000	0.68652	0.02549	0.01169	52	-0.26	0%	0
031.01	Phosphorus, Photometric (%)	0948	0.68200	0.00600	0.68652	0.02549	0.01169	52	-0.18	0%	0
031.01	Phosphorus, Photometric (%)	0723	0.68330	0.00000	0.68652	0.02549	0.01169	52	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	2190	0.68700	0.00540	0.68652	0.02549	0.01169	52	0.02	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0142	0.68980	0.00700	0.68652	0.02549	0.01169	52	0.13	0%	0
031.01	Phosphorus, Photometric (%)	0878	0.69000	0.02000	0.68652	0.02549	0.01169	52	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0940	0.69000	0.02000	0.68652	0.02549	0.01169	52	0.14	0%	0
031.01	Phosphorus, Photometric (%)	2196	0.69000	0.00000	0.68652	0.02549	0.01169	52	0.14	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.69220	0.00120	0.68652	0.02549	0.01169	52	0.22	0%	0
031.01	Phosphorus, Photometric (%)	0674	0.69500	0.00000	0.68652	0.02549	0.01169	52	0.33	1%	0
031.01	Phosphorus, Photometric (%)	0683	0.69500	0.01000	0.68652	0.02549	0.01169	52	0.33	1%	0
031.01	Phosphorus, Photometric (%)	0868	0.69500	0.01000	0.68652	0.02549	0.01169	52	0.33	1%	0
031.01	Phosphorus, Photometric (%)	0904	0.69500	0.01000	0.68652	0.02549	0.01169	52	0.33	1%	0
031.01	Phosphorus, Photometric (%)	2188	0.69500	0.01000	0.68652	0.02549	0.01169	52	0.33	1%	0
031.01	Phosphorus, Photometric (%)	2097	0.69735	0.00130	0.68652	0.02549	0.01169	52	0.42	1%	0
031.01	Phosphorus, Photometric (%)	2109	0.69800	0.02800	0.68652	0.02549	0.01169	52	0.45	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.70000	0.02000	0.68652	0.02549	0.01169	52	0.53	1%	0
031.01	Phosphorus, Photometric (%)	0881	0.70100	0.01000	0.68652	0.02549	0.01169	52	0.57	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.70500	0.01000	0.68652	0.02549	0.01169	52	0.72	1%	0
031.01	Phosphorus, Photometric (%)	0626	0.70750	0.00700	0.68652	0.02549	0.01169	52	0.82	2%	0
031.01	Phosphorus, Photometric (%)	2006	0.70800	0.00200	0.68652	0.02549	0.01169	52	0.84	2%	0
031.01	Phosphorus, Photometric (%)	2062	0.71215	0.00070	0.68652	0.02549	0.01169	52	1.01	2%	0
031.01	Phosphorus, Photometric (%)	0885	0.71470	0.00220	0.68652	0.02549	0.01169	52	1.11	2%	0
031.01	Phosphorus, Photometric (%)	0884	0.71500	0.01000	0.68652	0.02549	0.01169	52	1.12	2%	0
031.01	Phosphorus, Photometric (%)	2193	0.72000	0.00000	0.68652	0.02549	0.01169	52	1.31	2%	0
031.01	Phosphorus, Photometric (%)	0152	0.72500	0.01000	0.68652	0.02549	0.01169	52	1.51	3%	0
031.01	Phosphorus, Photometric (%)	0687	0.72500	0.05000	0.68652	0.02549	0.01169	52	1.51	3%	0
031.01	Phosphorus, Photometric (%)	2022	0.73000	0.00000	0.68652	0.02549	0.01169	52	1.71	3%	0
031.01	Phosphorus, Photometric (%)	2199	0.73000	0.00000	0.68652	0.02549	0.01169	52	1.71	3%	0
031.01	Phosphorus, Photometric (%)	2146	0.83500	0.03000	0.68652	0.02549	0.01169	52	5.82	11%	0
031.01	Phosphorus, Photometric (%)	2128	0.73900	0.27400	0.68652	0.02549	0.01169	52	2.06	4%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.69000	0.02000				2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.70000	0.00000				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.68050	0.01300				3			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.69000	0.00000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.69615	0.00470				3			0
031.06	Phosphorus, Hach Method (%)	0536	1.0050	0.23000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.62000	0.04000	0.68663	0.03859	0.01655	29	-1.73	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.62500	0.01000	0.68663	0.03859	0.01655	29	-1.60	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.63465	0.01330	0.68663	0.03859	0.01655	29	-1.35	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.63500	0.03000	0.68663	0.03859	0.01655	29	-1.34	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.65000	0.02000	0.68663	0.03859	0.01655	29	-0.95	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.65500	0.01000	0.68663	0.03859	0.01655	29	-0.82	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.66500	0.00400	0.68663	0.03859	0.01655	29	-0.56	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.66500	0.01000	0.68663	0.03859	0.01655	29	-0.56	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.66800	0.01400	0.68663	0.03859	0.01655	29	-0.48	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	
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.67000	0.00000	0.68663	0.03859	0.01655	29	-0.43	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.67400	0.02600	0.68663	0.03859	0.01655	29	-0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.67500	0.01000	0.68663	0.03859	0.01655	29	-0.30	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0653	0.67950	0.01100	0.68663	0.03859	0.01655	29	-0.18	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.68000	0.02000	0.68663	0.03859	0.01655	29	-0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0695	0.68200	0.00200	0.68663	0.03859	0.01655	29	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.68350	0.02100	0.68663	0.03859	0.01655	29	-0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.69300	0.00400	0.68663	0.03859	0.01655	29	0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.69950	0.00900	0.68663	0.03859	0.01655	29	0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2145	0.70300	0.01400	0.68663	0.03859	0.01655	29	0.42	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.70500	0.01000	0.68663	0.03859	0.01655	29	0.48	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.71000	0.02000	0.68663	0.03859	0.01655	29	0.61	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.71500	0.03000	0.68663	0.03859	0.01655	29	0.74	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.72000	0.06000	0.68663	0.03859	0.01655	29	0.86	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.72050	0.00900	0.68663	0.03859	0.01655	29	0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.72500	0.03000	0.68663	0.03859	0.01655	29	0.99	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.73295	0.02210	0.68663	0.03859	0.01655	29	1.20	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.73455	0.00050	0.68663	0.03859	0.01655	29	1.24	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.73500	0.01000	0.68663	0.03859	0.01655	29	1.25	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.76000	0.02000	0.68663	0.03859	0.01655	29	1.90	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.58310	0.02700	0.68115	0.04013	0.01516	20	-2.44	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.63605	0.00150	0.68115	0.04013	0.01516	20	-1.12	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.64000	0.06000	0.68115	0.04013	0.01516	20	-1.03	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.64800	0.01600	0.68115	0.04013	0.01516	20	-0.83	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.65000	0.01800	0.68115	0.04013	0.01516	20	-0.78	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.65000	0.02000	0.68115	0.04013	0.01516	20	-0.78	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.65500	0.01400	0.68115	0.04013	0.01516	20	-0.65	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.66455	0.00110	0.68115	0.04013	0.01516	20	-0.41	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.67500	0.01000	0.68115	0.04013	0.01516	20	-0.15	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.68000	0.00000	0.68115	0.04013	0.01516	20	-0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.68020	0.01160	0.68115	0.04013	0.01516	20	-0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.68445	0.00810	0.68115	0.04013	0.01516	20	0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.69000	0.00000	0.68115	0.04013	0.01516	20	0.22	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.69710	0.00460	0.68115	0.04013	0.01516	20	0.40	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.71470	0.00520	0.68115	0.04013	0.01516	20	0.84	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.71700	0.00600	0.68115	0.04013	0.01516	20	0.89	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.72500	0.03000	0.68115	0.04013	0.01516	20	1.09	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.72500	0.01000	0.68115	0.04013	0.01516	20	1.09	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.73500	0.03000	0.68115	0.04013	0.01516	20	1.34	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.73500	0.03000	0.68115	0.04013	0.01516	20	1.34	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.66000	0.08000	0.68115	0.04013	0.01516	20	-0.53	2%	1
031.43	Phosphorus, ICP, Microwave (%)	2089	0.63000	0.00000	0.69195	0.02776	0.00781	26	-2.23	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	
031.43	Phosphorus, ICP, Microwave (%)	0918	0.64850	0.00300	0.69195	0.02776	0.00781	26	-1.57	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.65550	0.01100	0.69195	0.02776	0.00781	26	-1.31	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.66500	0.01000	0.69195	0.02776	0.00781	26	-0.97	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.66850	0.00100	0.69195	0.02776	0.00781	26	-0.84	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.66950	0.01500	0.69195	0.02776	0.00781	26	-0.81	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.68000	0.02000	0.69195	0.02776	0.00781	26	-0.43	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.68500	0.01200	0.69195	0.02776	0.00781	26	-0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.68500	0.03000	0.69195	0.02776	0.00781	26	-0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.68500	0.01000	0.69195	0.02776	0.00781	26	-0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.68650	0.01500	0.69195	0.02776	0.00781	26	-0.20	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.68770	0.00160	0.69195	0.02776	0.00781	26	-0.15	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.68900	0.00400	0.69195	0.02776	0.00781	26	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0638	0.69200	0.00000	0.69195	0.02776	0.00781	26	0.00	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.69390	0.00540	0.69195	0.02776	0.00781	26	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.69500	0.01000	0.69195	0.02776	0.00781	26	0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.69500	0.01000	0.69195	0.02776	0.00781	26	0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.69500	0.01000	0.69195	0.02776	0.00781	26	0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.70000	0.00000	0.69195	0.02776	0.00781	26	0.29	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.70280	0.00960	0.69195	0.02776	0.00781	26	0.39	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.70450	0.00540	0.69195	0.02776	0.00781	26	0.45	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.72500	0.01000	0.69195	0.02776	0.00781	26	1.19	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.73000	0.00000	0.69195	0.02776	0.00781	26	1.37	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.73300	0.00000	0.69195	0.02776	0.00781	26	1.48	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.73500	0.01000	0.69195	0.02776	0.00781	26	1.55	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.83000	0.00000	0.69195	0.02776	0.00781	26	4.97	10%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.65500	0.09000	0.69195	0.02776	0.00781	26	-1.33	3%	1
031.44	Phosphorus, ICP, Dry ash (%)	0955	0.66250	0.02900				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.69650	0.00900				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.71520	0.06980				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.70350	0.02100				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.70650	0.00700				2			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.58025	0.00090	0.65754	0.06990	0.02515	6	-1.11	6%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.59500	0.01000	0.65754	0.06990	0.02515	6	-0.89	5%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.65000	0.02000	0.65754	0.06990	0.02515	6	-0.11	1%	0
031.99	Phosphorus, Miscellaneous (%)	2161	0.67500	0.01000	0.65754	0.06990	0.02515	6	0.25	1%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.71000	0.04000	0.65754	0.06990	0.02515	6	0.75	4%	0
031.99	Phosphorus, Miscellaneous (%)	0300	0.73500	0.07000	0.65754	0.06990	0.02515	6	1.11	6%	0
032.02	Potassium, Flame Emission (%)	0881	0.99950	0.01300				2			0
032.02	Potassium, Flame Emission (%)	0884	1.0150	0.01000				2			0
032.31	Potassium, AAS, Dry ash (%)	0536	0.85000	0.02000	0.96974	0.04386	0.01549	17	-2.73	6%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.91500	0.01000	0.96974	0.04386	0.01549	17	-1.25	3%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.92000	0.00000	0.96974	0.04386	0.01549	17	-1.13	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.31	Potassium, AAS, Dry ash (%)	0142	0.93560	0.01640	0.96974	0.04386	0.01549	17	-0.78	2%	0
032.31	Potassium, AAS, Dry ash (%)	0874	0.94200	0.00800	0.96974	0.04386	0.01549	17	-0.63	1%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.95500	0.01000	0.96974	0.04386	0.01549	17	-0.34	1%	0
032.31	Potassium, AAS, Dry ash (%)	2146	0.96900	0.00800	0.96974	0.04386	0.01549	17	-0.02	0%	0
032.31	Potassium, AAS, Dry ash (%)	0656	0.97000	0.04000	0.96974	0.04386	0.01549	17	0.01	0%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.97000	0.02000	0.96974	0.04386	0.01549	17	0.01	0%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.97150	0.05700	0.96974	0.04386	0.01549	17	0.04	0%	0
032.31	Potassium, AAS, Dry ash (%)	0354	0.97500	0.01000	0.96974	0.04386	0.01549	17	0.12	0%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.97750	0.01500	0.96974	0.04386	0.01549	17	0.18	0%	0
032.31	Potassium, AAS, Dry ash (%)	0904	1.0000	0.00000	0.96974	0.04386	0.01549	17	0.69	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.0000	0.00000	0.96974	0.04386	0.01549	17	0.69	2%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.0150	0.01000	0.96974	0.04386	0.01549	17	1.03	2%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.0316	0.02790	0.96974	0.04386	0.01549	17	1.41	3%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.0345	0.01100	0.96974	0.04386	0.01549	17	1.48	3%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.79500	0.03000				1			0
032.33	Potassium, AAS, Microwave (%)	0612	1.2250	0.09000				1			0
032.41	Potassium, ICP, Dry ash (%)	0720	0.71500	0.01000	0.96990	0.05538	0.01850	26	-4.60	13%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.86000	0.02000	0.96990	0.05538	0.01850	26	-1.98	6%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.89500	0.03000	0.96990	0.05538	0.01850	26	-1.35	4%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.91000	0.00000	0.96990	0.05538	0.01850	26	-1.08	3%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.91500	0.03000	0.96990	0.05538	0.01850	26	-0.99	3%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.91900	0.02600	0.96990	0.05538	0.01850	26	-0.92	3%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.93500	0.01000	0.96990	0.05538	0.01850	26	-0.63	2%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.94500	0.05000	0.96990	0.05538	0.01850	26	-0.45	1%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.95000	0.02000	0.96990	0.05538	0.01850	26	-0.36	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.95500	0.01000	0.96990	0.05538	0.01850	26	-0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.96000	0.02000	0.96990	0.05538	0.01850	26	-0.18	1%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.96200	0.02600	0.96990	0.05538	0.01850	26	-0.14	0%	0
032.41	Potassium, ICP, Dry ash (%)	0139	0.98500	0.01600	0.96990	0.05538	0.01850	26	0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.98640	0.05720	0.96990	0.05538	0.01850	26	0.30	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.98650	0.00500	0.96990	0.05538	0.01850	26	0.30	1%	0
032.41	Potassium, ICP, Dry ash (%)	0695	0.98700	0.00400	0.96990	0.05538	0.01850	26	0.31	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.98750	0.02900	0.96990	0.05538	0.01850	26	0.32	1%	0
032.41	Potassium, ICP, Dry ash (%)	0653	0.98750	0.02300	0.96990	0.05538	0.01850	26	0.32	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.98850	0.00300	0.96990	0.05538	0.01850	26	0.34	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.99850	0.00300	0.96990	0.05538	0.01850	26	0.52	1%	0
032.41	Potassium, ICP, Dry ash (%)	0878	1.0000	0.00000	0.96990	0.05538	0.01850	26	0.54	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.0100	0.02000	0.96990	0.05538	0.01850	26	0.72	2%	0
032.41	Potassium, ICP, Dry ash (%)	0505	1.0300	0.00000	0.96990	0.05538	0.01850	26	1.09	3%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.0450	0.03000	0.96990	0.05538	0.01850	26	1.36	4%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.0650	0.03000	0.96990	0.05538	0.01850	26	1.72	5%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.0709	0.00890	0.96990	0.05538	0.01850	26	1.82	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			
032.41	Potassium, ICP, Dry ash (%)	0358	1.0650	0.09000	0.96990	0.05538	0.01850	26	1.72	5%	1
032.42	Potassium, ICP, Open vessel (%)	0035	0.87500	0.03000	0.98512	0.04310	0.02129	19	-2.56	6%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.93600	0.00740	0.98512	0.04310	0.02129	19	-1.14	2%	0
032.42	Potassium, ICP, Open vessel (%)	0009	0.94475	0.04630	0.98512	0.04310	0.02129	19	-0.94	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.94785	0.01150	0.98512	0.04310	0.02129	19	-0.86	2%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.96000	0.00000	0.98512	0.04310	0.02129	19	-0.58	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.96000	0.04000	0.98512	0.04310	0.02129	19	-0.58	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.96050	0.00900	0.98512	0.04310	0.02129	19	-0.57	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	0.98150	0.01700	0.98512	0.04310	0.02129	19	-0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.98280	0.01000	0.98512	0.04310	0.02129	19	-0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0187	0.98390	0.00500	0.98512	0.04310	0.02129	19	-0.03	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.98550	0.01300	0.98512	0.04310	0.02129	19	0.01	0%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.99000	0.06000	0.98512	0.04310	0.02129	19	0.11	0%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.99000	0.00000	0.98512	0.04310	0.02129	19	0.11	0%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.99500	0.05000	0.98512	0.04310	0.02129	19	0.23	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.0097	0.01250	0.98512	0.04310	0.02129	19	0.57	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.0200	0.06000	0.98512	0.04310	0.02129	19	0.81	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.0800	0.02000	0.98512	0.04310	0.02129	19	2.20	5%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.0838	0.00280	0.98512	0.04310	0.02129	19	2.29	5%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.0850	0.01000	0.98512	0.04310	0.02129	19	2.32	5%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.2200	0.36000	0.98512	0.04310	0.02129	19	5.45	12%	1
032.43	Potassium, ICP, Microwave (%)	0089	0.85000	0.00000	0.96006	0.06319	0.02414	25	-1.74	6%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.88000	0.04000	0.96006	0.06319	0.02414	25	-1.27	4%	0
032.43	Potassium, ICP, Microwave (%)	0638	0.88400	0.00000	0.96006	0.06319	0.02414	25	-1.20	4%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.89500	0.03000	0.96006	0.06319	0.02414	25	-1.03	3%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.91000	0.02000	0.96006	0.06319	0.02414	25	-0.79	3%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.91500	0.01000	0.96006	0.06319	0.02414	25	-0.71	2%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.92230	0.02240	0.96006	0.06319	0.02414	25	-0.60	2%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.92300	0.00000	0.96006	0.06319	0.02414	25	-0.59	2%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.92600	0.00200	0.96006	0.06319	0.02414	25	-0.54	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.93000	0.00000	0.96006	0.06319	0.02414	25	-0.48	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.94500	0.01000	0.96006	0.06319	0.02414	25	-0.24	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.95000	0.00000	0.96006	0.06319	0.02414	25	-0.16	1%	0
032.43	Potassium, ICP, Microwave (%)	0034	0.95160	0.02020	0.96006	0.06319	0.02414	25	-0.13	0%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.96000	0.00000	0.96006	0.06319	0.02414	25	0.00	0%	0
032.43	Potassium, ICP, Microwave (%)	0043	0.97300	0.00800	0.96006	0.06319	0.02414	25	0.20	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.98000	0.00000	0.96006	0.06319	0.02414	25	0.32	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.98500	0.11000	0.96006	0.06319	0.02414	25	0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.99000	0.04000	0.96006	0.06319	0.02414	25	0.47	2%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.0105	0.03900	0.96006	0.06319	0.02414	25	0.80	3%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.0110	0.08200	0.96006	0.06319	0.02414	25	0.81	3%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.0150	0.01000	0.96006	0.06319	0.02414	25	0.87	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0345	1.0350	0.01000	0.96006	0.06319	0.02414	25	1.19	4%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.0400	0.02000	0.96006	0.06319	0.02414	25	1.26	4%	0
032.43	Potassium, ICP, Microwave (%)	0047	1.0500	0.10000	0.96006	0.06319	0.02414	25	1.42	5%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.0850	0.03000	0.96006	0.06319	0.02414	25	1.98	7%	0
032.44	Potassium, ICP, Dry ash (%)	0955	0.94200	0.01800				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.0105	0.03300				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.0972	0.03680				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.96100	0.04000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.0500	0.08000				2			0
032.99	Potassium, Miscellaneous (%)	0889	0.76350	0.01800	0.98021	0.17702	0.01467	6	-1.22	11%	0
032.99	Potassium, Miscellaneous (%)	0590	0.93000	0.00000	0.98021	0.17702	0.01467	6	-0.28	3%	0
032.99	Potassium, Miscellaneous (%)	0001	0.95700	0.02000	0.98021	0.17702	0.01467	6	-0.13	1%	0
032.99	Potassium, Miscellaneous (%)	0100	0.97000	0.02000	0.98021	0.17702	0.01467	6	-0.06	1%	0
032.99	Potassium, Miscellaneous (%)	0242	1.0150	0.01000	0.98021	0.17702	0.01467	6	0.20	2%	0
032.99	Potassium, Miscellaneous (%)	2161	1.3200	0.02000	0.98021	0.17702	0.01467	6	1.92	17%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.66000	0.02000	0.75235	0.05362	0.01894	25	-1.72	6%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.66500	0.05000	0.75235	0.05362	0.01894	25	-1.63	6%	0
033.00	Salt as chloride, Sol Cl (%)	0895	0.69500	0.01000	0.75235	0.05362	0.01894	25	-1.07	4%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.70500	0.03000	0.75235	0.05362	0.01894	25	-0.88	3%	0
033.00	Salt as chloride, Sol Cl (%)	0878	0.71000	0.02000	0.75235	0.05362	0.01894	25	-0.79	3%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.72005	0.02130	0.75235	0.05362	0.01894	25	-0.60	2%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.72480	0.00240	0.75235	0.05362	0.01894	25	-0.51	2%	0
033.00	Salt as chloride, Sol Cl (%)	2145	0.73000	0.00000	0.75235	0.05362	0.01894	25	-0.42	1%	0
033.00	Salt as chloride, Sol Cl (%)	0881	0.73300	0.00200	0.75235	0.05362	0.01894	25	-0.36	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.73500	0.01000	0.75235	0.05362	0.01894	25	-0.32	1%	0
033.00	Salt as chloride, Sol Cl (%)	0504	0.74000	0.02000	0.75235	0.05362	0.01894	25	-0.23	1%	0
033.00	Salt as chloride, Sol Cl (%)	2076	0.74000	0.00000	0.75235	0.05362	0.01894	25	-0.23	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.74300	0.01200	0.75235	0.05362	0.01894	25	-0.17	1%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.74800	0.03000	0.75235	0.05362	0.01894	25	-0.08	0%	0
033.00	Salt as chloride, Sol Cl (%)	2062	0.75500	0.00200	0.75235	0.05362	0.01894	25	0.05	0%	0
033.00	Salt as chloride, Sol Cl (%)	0169	0.76000	0.00000	0.75235	0.05362	0.01894	25	0.14	1%	0
033.00	Salt as chloride, Sol Cl (%)	0171	0.76500	0.03000	0.75235	0.05362	0.01894	25	0.24	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.76935	0.01710	0.75235	0.05362	0.01894	25	0.32	1%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.77000	0.02000	0.75235	0.05362	0.01894	25	0.33	1%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.79000	0.00000	0.75235	0.05362	0.01894	25	0.70	3%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.81000	0.02000	0.75235	0.05362	0.01894	25	1.08	4%	0
033.00	Salt as chloride, Sol Cl (%)	2190	0.82330	0.03680	0.75235	0.05362	0.01894	25	1.32	5%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.83500	0.03000	0.75235	0.05362	0.01894	25	1.54	5%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.86500	0.05000	0.75235	0.05362	0.01894	25	2.10	7%	0
033.00	Salt as chloride, Sol Cl (%)	2193	0.93000	0.04000	0.75235	0.05362	0.01894	25	3.31	12%	0
033.01	Salt as chloride, Poten Cl (%)	0003	0.20000	0.00000	0.79103	0.02406	0.00873	32	-24.57	37%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.69100	0.02000	0.79103	0.02406	0.00873	32	-4.16	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033.01	Salt as chloride, Poten CI (%)	0229	0.70050	0.01700	0.79103	0.02406	0.00873	32	-3.76	6%	0
033.01	Salt as chloride, Poten CI (%)	0596	0.74500	0.01000	0.79103	0.02406	0.00873	32	-1.91	3%	0
033.01	Salt as chloride, Poten CI (%)	0083	0.76500	0.01000	0.79103	0.02406	0.00873	32	-1.08	2%	0
033.01	Salt as chloride, Poten CI (%)	0964	0.76650	0.01100	0.79103	0.02406	0.00873	32	-1.02	2%	0
033.01	Salt as chloride, Poten CI (%)	0939	0.78000	0.00000	0.79103	0.02406	0.00873	32	-0.46	1%	0
033.01	Salt as chloride, Poten CI (%)	0948	0.78200	0.00000	0.79103	0.02406	0.00873	32	-0.38	1%	0
033.01	Salt as chloride, Poten CI (%)	2109	0.78350	0.00500	0.79103	0.02406	0.00873	32	-0.31	0%	0
033.01	Salt as chloride, Poten CI (%)	0004	0.78500	0.01000	0.79103	0.02406	0.00873	32	-0.25	0%	0
033.01	Salt as chloride, Poten CI (%)	0100	0.78500	0.01000	0.79103	0.02406	0.00873	32	-0.25	0%	0
033.01	Salt as chloride, Poten CI (%)	0148	0.78500	0.00000	0.79103	0.02406	0.00873	32	-0.25	0%	0
033.01	Salt as chloride, Poten CI (%)	0175	0.78500	0.01000	0.79103	0.02406	0.00873	32	-0.25	0%	0
033.01	Salt as chloride, Poten CI (%)	0413	0.78500	0.01000	0.79103	0.02406	0.00873	32	-0.25	0%	0
033.01	Salt as chloride, Poten CI (%)	0629	0.78500	0.01000	0.79103	0.02406	0.00873	32	-0.25	0%	0
033.01	Salt as chloride, Poten CI (%)	0001	0.79000	0.00000	0.79103	0.02406	0.00873	32	-0.04	0%	0
033.01	Salt as chloride, Poten CI (%)	0226	0.79000	0.00000	0.79103	0.02406	0.00873	32	-0.04	0%	0
033.01	Salt as chloride, Poten CI (%)	2146	0.79000	0.00000	0.79103	0.02406	0.00873	32	-0.04	0%	0
033.01	Salt as chloride, Poten CI (%)	0354	0.79500	0.05000	0.79103	0.02406	0.00873	32	0.16	0%	0
033.01	Salt as chloride, Poten CI (%)	0683	0.79500	0.01000	0.79103	0.02406	0.00873	32	0.16	0%	0
033.01	Salt as chloride, Poten CI (%)	0644	0.79540	0.01140	0.79103	0.02406	0.00873	32	0.18	0%	0
033.01	Salt as chloride, Poten CI (%)	0407	0.79800	0.00200	0.79103	0.02406	0.00873	32	0.29	0%	0
033.01	Salt as chloride, Poten CI (%)	0098	0.80000	0.02000	0.79103	0.02406	0.00873	32	0.37	1%	0
033.01	Salt as chloride, Poten CI (%)	0019	0.80500	0.01000	0.79103	0.02406	0.00873	32	0.58	1%	0
033.01	Salt as chloride, Poten CI (%)	0164	0.80500	0.01000	0.79103	0.02406	0.00873	32	0.58	1%	0
033.01	Salt as chloride, Poten CI (%)	0861	0.81000	0.00000	0.79103	0.02406	0.00873	32	0.79	1%	0
033.01	Salt as chloride, Poten CI (%)	0205	0.81150	0.02300	0.79103	0.02406	0.00873	32	0.85	1%	0
033.01	Salt as chloride, Poten CI (%)	0510	0.81500	0.01000	0.79103	0.02406	0.00873	32	1.00	2%	0
033.01	Salt as chloride, Poten CI (%)	0874	0.82500	0.00000	0.79103	0.02406	0.00873	32	1.41	2%	0
033.01	Salt as chloride, Poten CI (%)	0425	0.84500	0.01000	0.79103	0.02406	0.00873	32	2.24	3%	0
033.01	Salt as chloride, Poten CI (%)	0278	0.85000	0.00000	0.79103	0.02406	0.00873	32	2.45	4%	0
033.01	Salt as chloride, Poten CI (%)	0242	1.3200	0.00000	0.79103	0.02406	0.00873	32	21.99	33%	0
033.01	Salt as chloride, Poten CI (%)	0590	0.82500	0.11000	0.79103	0.02406	0.00873	32	1.41	2%	1
033.03	Salt as chloride, Quantab (%)	0726	0.60000	0.00000	0.65000	0.03808	0.00000	5			0
033.03	Salt as chloride, Quantab (%)	0144	0.63000	0.00000	0.65000	0.03808	0.00000	5			0
033.03	Salt as chloride, Quantab (%)	0505	0.65000	0.00000	0.65000	0.03808	0.00000	5			0
033.03	Salt as chloride, Quantab (%)	0656	0.67000	0.00000	0.65000	0.03808	0.00000	5			0
033.03	Salt as chloride, Quantab (%)	0265	0.70000	0.00000	0.65000	0.03808	0.00000	5			0
033.03	Salt as chloride, Quantab (%)	0190	0.73000	0.06000	0.65000	0.03808	0.00000	5			1
033.05	Salt as chloride, Ion Sel Electrode (%)	2161	0.74000	0.00000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	0.77500	0.01000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.78000	0.00000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	1.0250	0.03000				3			2
033.99	Salt, Miscellaneous (%)	0940	0.62000	0.00000	0.77089	0.06852	0.02200	8	-2.20	10%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.99	Salt, Miscellaneous (%)	2181	0.71000	0.06000	0.77089	0.06852	0.02200	8	-0.89	4%	0
033.99	Salt, Miscellaneous (%)	2073	0.75500	0.01000	0.77089	0.06852	0.02200	8	-0.23	1%	0
033.99	Salt, Miscellaneous (%)	0910	0.76500	0.01000	0.77089	0.06852	0.02200	8	-0.09	0%	0
033.99	Salt, Miscellaneous (%)	0358	0.79500	0.05000	0.77089	0.06852	0.02200	8	0.35	2%	0
033.99	Salt, Miscellaneous (%)	0536	0.79500	0.03000	0.77089	0.06852	0.02200	8	0.35	2%	0
033.99	Salt, Miscellaneous (%)	0682	0.82500	0.00000	0.77089	0.06852	0.02200	8	0.79	4%	0
033.99	Salt, Miscellaneous (%)	0208	0.85400	0.01600	0.77089	0.06852	0.02200	8	1.21	5%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0638	2.8740	0.07800				2			0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	3.5395	0.09500				2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	2.9150	0.41000	3.5650	0.42700	0.20757	7	-1.52	9%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	3.2350	0.23000	3.5650	0.42700	0.20757	7	-0.77	5%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	3.5500	0.14000	3.5650	0.42700	0.20757	7	-0.04	0%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	3.5855	0.09300	3.5650	0.42700	0.20757	7	0.05	0%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	3.8050	0.07000	3.5650	0.42700	0.20757	7	0.56	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	3.8550	0.31000	3.5650	0.42700	0.20757	7	0.68	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	2053	4.0000	0.20000	3.5650	0.42700	0.20757	7	1.02	6%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0148	3.6900	0.16000				2			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	4.5900	0.18000				2			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0190	4.2450	0.07000				2			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	4.3500	1.7000				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	3.7373	0.17430				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0036	4.5000	0.20000				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0407	5.4950	0.25000				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	2.7700	0.22000	3.7738	0.70270	0.24750	4			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	3.8100	0.22000	3.7738	0.70270	0.24750	4			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	4.2100	0.22000	3.7738	0.70270	0.24750	4			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	4.3050	0.33000	3.7738	0.70270	0.24750	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	3.7750	0.23000				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	3.8640	0.12400				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	4.9290	0.04360				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0010	3.5000	1.0000				3			1
035.01	Sodium, Ion-selective electrode (%)	2006	0.28400	0.00200				2			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.32600	0.00800				2			0
035.02	Sodium, Em Spect (%)	0884	0.26000	0.02000				1			0
035.05	Sodium, Flame Emission (%)	0037	0.29500	0.01000	0.33875	0.05935	0.01250	4			0
035.05	Sodium, Flame Emission (%)	2126	0.30500	0.01000	0.33875	0.05935	0.01250	4			0
035.05	Sodium, Flame Emission (%)	0108	0.33000	0.02000	0.33875	0.05935	0.01250	4			0
035.05	Sodium, Flame Emission (%)	2199	0.42500	0.01000	0.33875	0.05935	0.01250	4			0
035.31	Sodium, AAS, Dry ash (%)	2188	0.23255	0.00050	0.28852	0.02681	0.00731	20	-2.09	10%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.23500	0.03000	0.28852	0.02681	0.00731	20	-2.00	9%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.27000	0.00000	0.28852	0.02681	0.00731	20	-0.69	3%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.27000	0.02000	0.28852	0.02681	0.00731	20	-0.69	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	
035.31	Sodium, AAS, Dry ash (%)	0563	0.27235	0.00430	0.28852	0.02681	0.00731	20	-0.60	3%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.27270	0.00000	0.28852	0.02681	0.00731	20	-0.59	3%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.27500	0.01000	0.28852	0.02681	0.00731	20	-0.50	2%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.27500	0.01000	0.28852	0.02681	0.00731	20	-0.50	2%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.28000	0.00000	0.28852	0.02681	0.00731	20	-0.32	1%	0
035.31	Sodium, AAS, Dry ash (%)	2146	0.28650	0.00300	0.28852	0.02681	0.00731	20	-0.08	0%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.28755	0.00650	0.28852	0.02681	0.00731	20	-0.04	0%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.29000	0.00000	0.28852	0.02681	0.00731	20	0.06	0%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.30000	0.00000	0.28852	0.02681	0.00731	20	0.43	2%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.30000	0.00000	0.28852	0.02681	0.00731	20	0.43	2%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.30000	0.00000	0.28852	0.02681	0.00731	20	0.43	2%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.30350	0.00300	0.28852	0.02681	0.00731	20	0.56	3%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.30500	0.03000	0.28852	0.02681	0.00731	20	0.61	3%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.33300	0.00200	0.28852	0.02681	0.00731	20	1.66	8%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.34155	0.02690	0.28852	0.02681	0.00731	20	1.98	9%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.35000	0.00000	0.28852	0.02681	0.00731	20	2.29	11%	0
035.33	Sodium, AAS, Microwave (%)	0300	0.25600	0.00200				1			0
035.41	Sodium, ICP, Dry ash (%)	0720	0.22500	0.01000	0.28652	0.02006	0.00813	25	-3.07	11%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.26000	0.00000	0.28652	0.02006	0.00813	25	-1.32	5%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.26500	0.01000	0.28652	0.02006	0.00813	25	-1.07	4%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.26500	0.01000	0.28652	0.02006	0.00813	25	-1.07	4%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.26800	0.00400	0.28652	0.02006	0.00813	25	-0.92	3%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.27000	0.02000	0.28652	0.02006	0.00813	25	-0.82	3%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.27500	0.01000	0.28652	0.02006	0.00813	25	-0.57	2%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.27500	0.01000	0.28652	0.02006	0.00813	25	-0.57	2%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.27750	0.00300	0.28652	0.02006	0.00813	25	-0.45	2%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.27860	0.00960	0.28652	0.02006	0.00813	25	-0.39	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.28000	0.00000	0.28652	0.02006	0.00813	25	-0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.28300	0.01400	0.28652	0.02006	0.00813	25	-0.18	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.28300	0.01000	0.28652	0.02006	0.00813	25	-0.18	1%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.29300	0.01000	0.28652	0.02006	0.00813	25	0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0695	0.29400	0.00600	0.28652	0.02006	0.00813	25	0.37	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.29500	0.01000	0.28652	0.02006	0.00813	25	0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	0505	0.29500	0.01000	0.28652	0.02006	0.00813	25	0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.29500	0.01000	0.28652	0.02006	0.00813	25	0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.29505	0.01090	0.28652	0.02006	0.00813	25	0.43	1%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.30000	0.00000	0.28652	0.02006	0.00813	25	0.67	2%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.30460	0.00080	0.28652	0.02006	0.00813	25	0.90	3%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.31000	0.02000	0.28652	0.02006	0.00813	25	1.17	4%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.31150	0.00300	0.28652	0.02006	0.00813	25	1.25	4%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.31850	0.00300	0.28652	0.02006	0.00813	25	1.59	6%	0
035.41	Sodium, ICP, Dry ash (%)	0653	0.36850	0.00900	0.28652	0.02006	0.00813	25	4.09	14%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.41	Sodium, ICP, Dry ash (%)	0229	0.28400	0.04000	0.28652	0.02006	0.00813	25	-0.13	0%	1
035.42	Sodium, ICP, Open vessel (%)	0035	0.24500	0.01000	0.27709	0.01323	0.01021	14	-2.43	6%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.26500	0.00200	0.27709	0.01323	0.01021	14	-0.91	2%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.26900	0.00860	0.27709	0.01323	0.01021	14	-0.61	1%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.27000	0.00000	0.27709	0.01323	0.01021	14	-0.54	1%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.27000	0.02000	0.27709	0.01323	0.01021	14	-0.54	1%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.27050	0.00300	0.27709	0.01323	0.01021	14	-0.50	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.27500	0.01000	0.27709	0.01323	0.01021	14	-0.16	0%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.27570	0.00020	0.27709	0.01323	0.01021	14	-0.11	0%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.27850	0.00500	0.27709	0.01323	0.01021	14	0.11	0%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.28000	0.02000	0.27709	0.01323	0.01021	14	0.22	1%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.28500	0.01000	0.27709	0.01323	0.01021	14	0.60	1%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.28945	0.00710	0.27709	0.01323	0.01021	14	0.93	2%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.29985	0.00210	0.27709	0.01323	0.01021	14	1.72	4%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.31750	0.04500	0.27709	0.01323	0.01021	14	3.06	7%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.28750	0.06500	0.27709	0.01323	0.01021	14	0.79	2%	1
035.43	Sodium, ICP, Microwave (%)	0035	0.24000	0.02000	0.28238	0.02517	0.00643	22	-1.68	8%	0
035.43	Sodium, ICP, Microwave (%)	2055	0.24245	0.01070	0.28238	0.02517	0.00643	22	-1.59	7%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.25050	0.01500	0.28238	0.02517	0.00643	22	-1.27	6%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.25700	0.00800	0.28238	0.02517	0.00643	22	-1.01	4%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.26000	0.00000	0.28238	0.02517	0.00643	22	-0.89	4%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.27000	0.00400	0.28238	0.02517	0.00643	22	-0.49	2%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.27000	0.00000	0.28238	0.02517	0.00643	22	-0.49	2%	0
035.43	Sodium, ICP, Microwave (%)	0638	0.27400	0.00000	0.28238	0.02517	0.00643	22	-0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.27550	0.00300	0.28238	0.02517	0.00643	22	-0.27	1%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.27950	0.00500	0.28238	0.02517	0.00643	22	-0.11	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.28000	0.00000	0.28238	0.02517	0.00643	22	-0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.28500	0.01000	0.28238	0.02517	0.00643	22	0.10	0%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.29000	0.02000	0.28238	0.02517	0.00643	22	0.30	1%	0
035.43	Sodium, ICP, Microwave (%)	0006	0.29350	0.00700	0.28238	0.02517	0.00643	22	0.44	2%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.29500	0.01000	0.28238	0.02517	0.00643	22	0.50	2%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.29500	0.01000	0.28238	0.02517	0.00643	22	0.50	2%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.29585	0.00470	0.28238	0.02517	0.00643	22	0.54	2%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.29700	0.00400	0.28238	0.02517	0.00643	22	0.58	3%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.30000	0.00000	0.28238	0.02517	0.00643	22	0.70	3%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.31500	0.01000	0.28238	0.02517	0.00643	22	1.30	6%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.32000	0.00000	0.28238	0.02517	0.00643	22	1.49	7%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.34000	0.00000	0.28238	0.02517	0.00643	22	2.29	10%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.27000	0.04000	0.28238	0.02517	0.00643	22	-0.49	2%	1
035.43	Sodium, ICP, Microwave (%)	0034	0.74350	0.01940	0.28238	0.02517	0.00643	22	18.32	82%	2
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.30350	0.00100				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.31670	0.00760				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			
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.28800	0.00600				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.28800	0.01600				2			0
035.99	Sodium, Miscellaneous (%)	0940	0.24000	0.00000	0.28250	0.03014	0.01000	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.28500	0.01000	0.28250	0.03014	0.01000	4			0
035.99	Sodium, Miscellaneous (%)	0242	0.29500	0.01000	0.28250	0.03014	0.01000	4			0
035.99	Sodium, Miscellaneous (%)	0590	0.31000	0.02000	0.28250	0.03014	0.01000	4			0
035.99	Sodium, Miscellaneous (%)	0889	0.20610	0.08960	0.28250	0.03014	0.01000	4			1
036.04	Sulfur, LECO (%)	0229	0.32000	0.00000				2			0
036.04	Sulfur, LECO (%)	0226	0.36000	0.00000				2			0
036.42	Sulfur, ICP, Open vessel (%)	0229	0.27500	0.01000	0.30766	0.02012	0.00579	17	-1.62	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.28025	0.01090	0.30766	0.02012	0.00579	17	-1.36	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.28100	0.00400	0.30766	0.02012	0.00579	17	-1.33	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.29880	0.00100	0.30766	0.02012	0.00579	17	-0.44	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.30000	0.02000	0.30766	0.02012	0.00579	17	-0.38	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.30400	0.00400	0.30766	0.02012	0.00579	17	-0.18	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.30555	0.00010	0.30766	0.02012	0.00579	17	-0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.30685	0.00450	0.30766	0.02012	0.00579	17	-0.04	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.30750	0.00500	0.30766	0.02012	0.00579	17	-0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.31000	0.00000	0.30766	0.02012	0.00579	17	0.12	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.31000	0.00000	0.30766	0.02012	0.00579	17	0.12	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.31000	0.00000	0.30766	0.02012	0.00579	17	0.12	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.31400	0.00600	0.30766	0.02012	0.00579	17	0.32	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.31910	0.00300	0.30766	0.02012	0.00579	17	0.57	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.33000	0.02000	0.30766	0.02012	0.00579	17	1.11	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.36000	0.00000	0.30766	0.02012	0.00579	17	2.60	9%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.40500	0.01000	0.30766	0.02012	0.00579	17	4.84	16%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.27000	0.00000	0.31083	0.02693	0.01169	11	-1.52	7%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.28000	0.00000	0.31083	0.02693	0.01169	11	-1.14	5%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.29000	0.04000	0.31083	0.02693	0.01169	11	-0.77	3%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.30150	0.00500	0.31083	0.02693	0.01169	11	-0.35	2%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.31150	0.00100	0.31083	0.02693	0.01169	11	0.02	0%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.31500	0.03000	0.31083	0.02693	0.01169	11	0.15	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.31520	0.01360	0.31083	0.02693	0.01169	11	0.16	1%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.32000	0.00000	0.31083	0.02693	0.01169	11	0.34	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.33000	0.02000	0.31083	0.02693	0.01169	11	0.71	3%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.34050	0.00900	0.31083	0.02693	0.01169	11	1.10	5%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.34500	0.01000	0.31083	0.02693	0.01169	11	1.27	5%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.35000	0.00200				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	2,906.5	31.000				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.31600	0.00200				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.30000	0.00000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.30515	0.00090				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	146.08	2.2400	180.48	12.450	3.2849	17	-2.76	10%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	162.90	9.2000	180.48	12.450	3.2849	17	-1.41	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	163.00	6.0000	180.48	12.450	3.2849	17	-1.40	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	174.60	4.8000	180.48	12.450	3.2849	17	-0.47	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	174.70	6.7300	180.48	12.450	3.2849	17	-0.46	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2196	177.00	0.00000	180.48	12.450	3.2849	17	-0.28	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	178.15	2.3600	180.48	12.450	3.2849	17	-0.19	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2062	178.80	1.0000	180.48	12.450	3.2849	17	-0.13	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	179.54	1.3800	180.48	12.450	3.2849	17	-0.08	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	182.50	3.0000	180.48	12.450	3.2849	17	0.16	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	185.00	0.00000	180.48	12.450	3.2849	17	0.36	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2188	185.60	3.9000	180.48	12.450	3.2849	17	0.41	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	190.37	10.833	180.48	12.450	3.2849	17	0.79	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0884	190.50	0.40000	180.48	12.450	3.2849	17	0.81	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	191.50	1.0000	180.48	12.450	3.2849	17	0.89	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	193.00	2.0000	180.48	12.450	3.2849	17	1.01	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0656	201.94	1.0000	180.48	12.450	3.2849	17	1.72	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	220.63	30.870	180.48	12.450	3.2849	17	3.22	11%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	161.90	8.2000				2			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	2128	170.76	12.120				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	160.97	0.80400				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	185.00	10.000				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	2178	284.50	5.0000				3			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	154.82	10.310	179.29	12.109	7.9312	24	-2.02	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0695	157.49	0.35500	179.29	12.109	7.9312	24	-1.80	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0505	166.30	11.400	179.29	12.109	7.9312	24	-1.07	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	168.00	6.0000	179.29	12.109	7.9312	24	-0.93	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	169.50	3.0000	179.29	12.109	7.9312	24	-0.81	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	172.95	8.7000	179.29	12.109	7.9312	24	-0.52	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	173.45	1.3000	179.29	12.109	7.9312	24	-0.48	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	174.00	0.00000	179.29	12.109	7.9312	24	-0.44	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0653	174.25	1.7000	179.29	12.109	7.9312	24	-0.42	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	175.05	15.450	179.29	12.109	7.9312	24	-0.35	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	176.50	11.000	179.29	12.109	7.9312	24	-0.23	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	178.15	0.50000	179.29	12.109	7.9312	24	-0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	179.05	0.30000	179.29	12.109	7.9312	24	-0.02	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	180.83	14.590	179.29	12.109	7.9312	24	0.13	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	181.20	0.20000	179.29	12.109	7.9312	24	0.16	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	182.50	11.000	179.29	12.109	7.9312	24	0.26	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	183.50	9.0000	179.29	12.109	7.9312	24	0.35	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	183.70	0.60000	179.29	12.109	7.9312	24	0.36	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	185.32	2.4400	179.29	12.109	7.9312	24	0.50	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	189.64	13.590	179.29	12.109	7.9312	24	0.85	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2145	195.52	4.9100	179.29	12.109	7.9312	24	1.34	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	196.50	21.000	179.29	12.109	7.9312	24	1.42	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	203.75	1.0037	179.29	12.109	7.9312	24	2.02	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	216.00	42.000	179.29	12.109	7.9312	24	3.03	10%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	223.50	107.00	179.29	12.109	7.9312	24	3.65	12%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	129.29	1.1200	189.00	17.709	6.9502	20	-3.37	16%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	163.50	7.0000	189.00	17.709	6.9502	20	-1.44	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0263	170.30	0.24000	189.00	17.709	6.9502	20	-1.06	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	172.00	18.000	189.00	17.709	6.9502	20	-0.96	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	173.90	11.400	189.00	17.709	6.9502	20	-0.85	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	179.50	1.0000	189.00	17.709	6.9502	20	-0.54	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	185.45	4.5000	189.00	17.709	6.9502	20	-0.20	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	185.99	0.82000	189.00	17.709	6.9502	20	-0.17	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	186.00	8.0000	189.00	17.709	6.9502	20	-0.17	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	187.80	3.0000	189.00	17.709	6.9502	20	-0.07	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	189.00	24.000	189.00	17.709	6.9502	20	0.00	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	191.34	3.3800	189.00	17.709	6.9502	20	0.13	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	193.02	3.4400	189.00	17.709	6.9502	20	0.23	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	193.64	10.694	189.00	17.709	6.9502	20	0.26	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	201.00	2.0000	189.00	17.709	6.9502	20	0.68	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	203.00	10.000	189.00	17.709	6.9502	20	0.79	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	205.66	1.1100	189.00	17.709	6.9502	20	0.94	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	210.45	0.30000	189.00	17.709	6.9502	20	1.21	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	210.50	5.0000	189.00	17.709	6.9502	20	1.21	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	243.00	24.000	189.00	17.709	6.9502	20	3.05	14%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2192	141.55	1.7000	185.25	12.656	6.2529	26	-3.45	12%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	166.18	7.8500	185.25	12.656	6.2529	26	-1.51	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	167.50	9.0000	185.25	12.656	6.2529	26	-1.40	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	170.50	3.0000	185.25	12.656	6.2529	26	-1.17	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	173.00	8.2700	185.25	12.656	6.2529	26	-0.97	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0638	175.70	0.00000	185.25	12.656	6.2529	26	-0.75	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	176.50	7.0000	185.25	12.656	6.2529	26	-0.69	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	180.00	14.000	185.25	12.656	6.2529	26	-0.42	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	180.50	3.0000	185.25	12.656	6.2529	26	-0.38	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	181.00	18.000	185.25	12.656	6.2529	26	-0.34	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	184.75	3.5000	185.25	12.656	6.2529	26	-0.04	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	185.85	3.5000	185.25	12.656	6.2529	26	0.05	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	186.00	10.000	185.25	12.656	6.2529	26	0.06	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	186.50	3.0000	185.25	12.656	6.2529	26	0.10	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	187.00	0.00000	185.25	12.656	6.2529	26	0.14	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2055	187.25	13.500	185.25	12.656	6.2529	26	0.16	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	188.90	4.1700	185.25	12.656	6.2529	26	0.29	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	189.50	5.8070	185.25	12.656	6.2529	26	0.34	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	191.97	2.4100	185.25	12.656	6.2529	26	0.53	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	193.56	0.00000	185.25	12.656	6.2529	26	0.66	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	196.00	4.0000	185.25	12.656	6.2529	26	0.85	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	196.65	0.90000	185.25	12.656	6.2529	26	0.90	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	197.00	0.00000	185.25	12.656	6.2529	26	0.93	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	200.05	4.3000	185.25	12.656	6.2529	26	1.17	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	204.12	16.669	185.25	12.656	6.2529	26	1.49	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	222.50	19.000	185.25	12.656	6.2529	26	2.94	10%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0955	172.50	19.000				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	143.65	6.3000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	190.50	3.0000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	198.00	20.000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	199.00	12.000				2			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	155.48	6.2729	179.69	19.263	3.6955	6	-1.26	7%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	171.00	6.0000	179.69	19.263	3.6955	6	-0.45	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	172.60	4.6000	179.69	19.263	3.6955	6	-0.37	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	187.00	2.0000	179.69	19.263	3.6955	6	0.38	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2161	187.55	2.3000	179.69	19.263	3.6955	6	0.41	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	204.50	1.0000	179.69	19.263	3.6955	6	1.29	7%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0148	1.3100	0.00000				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	1.4410	0.31400				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	1.4750	0.05000				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.2350	0.46800	1.4138	0.20774	0.21200	4			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.2900	0.12000	1.4138	0.20774	0.21200	4			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	1.4300	0.06000	1.4138	0.20774	0.21200	4			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0265	1.7000	0.20000	1.4138	0.20774	0.21200	4			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	0.69860	0.08580	1.4102	0.61065	0.14216	5			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	1.1750	0.21000	1.4102	0.61065	0.14216	5			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	1.1775	0.01500	1.4102	0.61065	0.14216	5			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.7000	0.00000	1.4102	0.61065	0.14216	5			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	2.3000	0.40000	1.4102	0.61065	0.14216	5			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.1700	0.14000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.3700	0.02000				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	0.91800	0.10600				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.3750	0.01000				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	1.5298	0.09350				3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	5.4600	0.02000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	5.4105	0.53200				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.1300	0.02000				1			0
042.00	Chloride, Titrimetric (%)	0297	0.46000	0.04000				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			
042.00	Chloride, Titrimetric (%)	0948	0.47500	0.00000				3			0
042.00	Chloride, Titrimetric (%)	2199	0.55500	0.01000				3			0
042.01	Chloride, Ion-selective electrode (%)	0265	0.46000	0.00000				1			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0227	1,770.0	60.000				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	71.200	1.0000				1			0
102.99	Niacin, Miscellaneous (mg / kg (ppm))	2161	65.750	0.06000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	14.750	0.30000				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	12.450	0.10000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	8.1000	0.20000				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	9.6700	0.66000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	5.7000	0.38000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0939	8.8450	0.55000				2			0
104.99	Riboflavin, Miscellaneous (mg / kg (ppm))	2161	24.265	0.03000				1			0
105.00	Thiamine, LC (mg / kg (ppm))	0629	1.7000	0.20000				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	2.5450	0.47000				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0939	2.6800	0.06000				3			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	4.0200	0.30000				1			0
106.00	Vitamin A, Color (KU / kg)	0019	31.721	0.35900				1			0
106.01	Vitamin A, UV (KU / kg)	0098	32.050	0.90000				2			0
106.01	Vitamin A, UV (KU / kg)	0028	16,205	880.00				2			0
106.02	Vitamin A, LC (KU / kg)	0563	27.487	1.8621	32.444	4.4690	1.7427	19	-1.11	8%	0
106.02	Vitamin A, LC (KU / kg)	2053	28.450	4.5000	32.444	4.4690	1.7427	19	-0.89	6%	0
106.02	Vitamin A, LC (KU / kg)	0676	28.650	2.4600	32.444	4.4690	1.7427	19	-0.85	6%	0
106.02	Vitamin A, LC (KU / kg)	0035	28.730	4.0800	32.444	4.4690	1.7427	19	-0.83	6%	0
106.02	Vitamin A, LC (KU / kg)	0918	29.405	0.75000	32.444	4.4690	1.7427	19	-0.68	5%	0
106.02	Vitamin A, LC (KU / kg)	0861	30.195	2.8300	32.444	4.4690	1.7427	19	-0.50	3%	0
106.02	Vitamin A, LC (KU / kg)	0227	30.300	0.40000	32.444	4.4690	1.7427	19	-0.48	3%	0
106.02	Vitamin A, LC (KU / kg)	0910	30.350	2.7000	32.444	4.4690	1.7427	19	-0.47	3%	0
106.02	Vitamin A, LC (KU / kg)	0610	31.100	2.8000	32.444	4.4690	1.7427	19	-0.30	2%	0
106.02	Vitamin A, LC (KU / kg)	0689	31.100	0.00000	32.444	4.4690	1.7427	19	-0.30	2%	0
106.02	Vitamin A, LC (KU / kg)	0004	31.275	1.8700	32.444	4.4690	1.7427	19	-0.26	2%	0
106.02	Vitamin A, LC (KU / kg)	2103	32.060	0.56000	32.444	4.4690	1.7427	19	-0.09	1%	0
106.02	Vitamin A, LC (KU / kg)	0208	32.628	0.00000	32.444	4.4690	1.7427	19	0.04	0%	0
106.02	Vitamin A, LC (KU / kg)	0148	32.920	0.02000	32.444	4.4690	1.7427	19	0.11	1%	0
106.02	Vitamin A, LC (KU / kg)	0675	35.990	2.4400	32.444	4.4690	1.7427	19	0.79	5%	0
106.02	Vitamin A, LC (KU / kg)	0905	38.397	0.25400	32.444	4.4690	1.7427	19	1.33	9%	0
106.02	Vitamin A, LC (KU / kg)	0638	39.100	0.00000	32.444	4.4690	1.7427	19	1.49	10%	0
106.02	Vitamin A, LC (KU / kg)	0941	41.457	2.5850	32.444	4.4690	1.7427	19	2.02	14%	0
106.02	Vitamin A, LC (KU / kg)	0169	47.700	3.0000	32.444	4.4690	1.7427	19	3.41	24%	0
106.02	Vitamin A, LC (KU / kg)	0038	25.235	9.5300	32.444	4.4690	1.7427	19	-1.61	11%	1
106.99	Vitamin A, Miscellaneous (KU / kg)	2161	13.800	0.20000				1			0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	18.800	1.2000				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			
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	4.9000	0.20000				1			0
108.02	Vitamin D3, LC (KU / kg)	0610	3.0500	0.70000	4.6721	1.1422	0.34143	7	-1.42	17%	0
108.02	Vitamin D3, LC (KU / kg)	0675	3.7700	0.18000	4.6721	1.1422	0.34143	7	-0.79	10%	0
108.02	Vitamin D3, LC (KU / kg)	0676	4.5600	0.36000	4.6721	1.1422	0.34143	7	-0.10	1%	0
108.02	Vitamin D3, LC (KU / kg)	0918	4.7300	0.16000	4.6721	1.1422	0.34143	7	0.05	1%	0
108.02	Vitamin D3, LC (KU / kg)	0861	5.0200	0.36000	4.6721	1.1422	0.34143	7	0.30	4%	0
108.02	Vitamin D3, LC (KU / kg)	0227	5.6950	0.33000	4.6721	1.1422	0.34143	7	0.90	11%	0
108.02	Vitamin D3, LC (KU / kg)	0208	5.8800	0.30000	4.6721	1.1422	0.34143	7	1.06	13%	0
109.02	Vitamin E, LC (IU / kg)	0169	42.500	1.0000	61.852	14.959	2.7024	17	-1.29	16%	0
109.02	Vitamin E, LC (IU / kg)	2103	49.000	2.0000	61.852	14.959	2.7024	17	-0.86	10%	0
109.02	Vitamin E, LC (IU / kg)	0590	50.500	3.2000	61.852	14.959	2.7024	17	-0.76	9%	0
109.02	Vitamin E, LC (IU / kg)	0208	52.979	1.9140	61.852	14.959	2.7024	17	-0.59	7%	0
109.02	Vitamin E, LC (IU / kg)	0148	53.495	1.7900	61.852	14.959	2.7024	17	-0.56	7%	0
109.02	Vitamin E, LC (IU / kg)	0610	55.000	2.0000	61.852	14.959	2.7024	17	-0.46	6%	0
109.02	Vitamin E, LC (IU / kg)	0098	55.150	8.3000	61.852	14.959	2.7024	17	-0.45	5%	0
109.02	Vitamin E, LC (IU / kg)	0910	56.150	0.30000	61.852	14.959	2.7024	17	-0.38	5%	0
109.02	Vitamin E, LC (IU / kg)	0676	57.745	3.1500	61.852	14.959	2.7024	17	-0.27	3%	0
109.02	Vitamin E, LC (IU / kg)	0941	58.760	2.9800	61.852	14.959	2.7024	17	-0.21	2%	0
109.02	Vitamin E, LC (IU / kg)	0861	59.500	1.0000	61.852	14.959	2.7024	17	-0.16	2%	0
109.02	Vitamin E, LC (IU / kg)	0227	61.300	5.0000	61.852	14.959	2.7024	17	-0.04	0%	0
109.02	Vitamin E, LC (IU / kg)	0905	68.165	5.4100	61.852	14.959	2.7024	17	0.42	5%	0
109.02	Vitamin E, LC (IU / kg)	0918	79.750	0.50000	61.852	14.959	2.7024	17	1.20	14%	0
109.02	Vitamin E, LC (IU / kg)	0563	82.907	7.3876	61.852	14.959	2.7024	17	1.41	17%	0
109.02	Vitamin E, LC (IU / kg)	0638	119.10	0.01000	61.852	14.959	2.7024	17	3.83	46%	0
109.02	Vitamin E, LC (IU / kg)	0723	353.80	0.00000	61.852	14.959	2.7024	17	19.52	236%	0
109.02	Vitamin E, LC (IU / kg)	0675	166.33	21.340	61.852	14.959	2.7024	17	6.98	84%	1
109.99	Vitamin E, Miscellaneous (IU / kg)	2161	23.950	0.10000				1			0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	0148	26.045	2.0700	193.26	130.17	8.0175	4			0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	2053	185.50	7.0000	193.26	130.17	8.0175	4			0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	0861	219.50	1.0000	193.26	130.17	8.0175	4			0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	0227	342.00	22.000	193.26	130.17	8.0175	4			0
111.98	Vitamin C, Ascorbic Acid, Miscellaneous (mkg/kg (ppm))	2161	257.39	0.81000				2			0
111.98	Vitamin C, Ascorbic Acid, Miscellaneous (mkg/kg (ppm))	0171	338.00	4.0000				2			0
112.01	Pyridoxine, LC (µg / g)	0227	5.7700	0.46000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	1.7550	0.11000				1			0
113.99	Folic acid, Miscellaneous (mg / kg (ppm))	2161	0.63500	0.09000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.24450	0.00700				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	0.77500	0.01000				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.86450	0.02500	0.93590	0.03924	0.01648	23	-1.82	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.87250	0.00700	0.93590	0.03924	0.01648	23	-1.62	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.87500	0.03000	0.93590	0.03924	0.01648	23	-1.55	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.90500	0.01000	0.93590	0.03924	0.01648	23	-0.79	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	
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.90900	0.05400	0.93590	0.03924	0.01648	23	-0.69	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.91500	0.01000	0.93590	0.03924	0.01648	23	-0.53	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.92350	0.01740	0.93590	0.03924	0.01648	23	-0.32	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.92600	0.01000	0.93590	0.03924	0.01648	23	-0.25	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.92700	0.00400	0.93590	0.03924	0.01648	23	-0.23	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.92850	0.00100	0.93590	0.03924	0.01648	23	-0.19	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0208	0.93000	0.00000	0.93590	0.03924	0.01648	23	-0.15	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.93500	0.01000	0.93590	0.03924	0.01648	23	-0.02	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.93550	0.00100	0.93590	0.03924	0.01648	23	-0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.93850	0.01300	0.93590	0.03924	0.01648	23	0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0662	0.94315	0.00170	0.93590	0.03924	0.01648	23	0.18	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.94500	0.01000	0.93590	0.03924	0.01648	23	0.23	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.95500	0.01000	0.93590	0.03924	0.01648	23	0.49	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.95550	0.00100	0.93590	0.03924	0.01648	23	0.50	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.95650	0.00960	0.93590	0.03924	0.01648	23	0.53	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.98210	0.00840	0.93590	0.03924	0.01648	23	1.18	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	1.0325	0.00100	0.93590	0.03924	0.01648	23	2.46	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.1990	0.07400	0.93590	0.03924	0.01648	23	6.71	14%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	1.3185	0.07100	0.93590	0.03924	0.01648	23	9.75	20%	0
120.01	Alanine, Pre-col OPA Der (%)	0904	0.96000	0.04000				1			0
120.02	Alanine, Post-col OPA Der (%)	0098	0.95450	0.00500				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.87400	0.01000	0.91700	0.03453	0.01333	6	-1.25	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.90000	0.02000	0.91700	0.03453	0.01333	6	-0.49	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.91000	0.02000	0.91700	0.03453	0.01333	6	-0.20	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.92000	0.02000	0.91700	0.03453	0.01333	6	0.09	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.93500	0.01000	0.91700	0.03453	0.01333	6	0.52	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.96300	0.00000	0.91700	0.03453	0.01333	6	1.33	3%	0
120.99	Alanine, Miscellaneous (%)	2146	0.84000	0.00000				2			0
120.99	Alanine, Miscellaneous (%)	2161	0.91500	0.01000				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.90000	0.08000	1.1187	0.03817	0.02247	22	-5.73	10%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.0325	0.02300	1.1187	0.03817	0.02247	22	-2.26	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.0350	0.05800	1.1187	0.03817	0.02247	22	-2.19	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.0824	0.01620	1.1187	0.03817	0.02247	22	-0.95	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.0900	0.02000	1.1187	0.03817	0.02247	22	-0.75	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	1.0990	0.01400	1.1187	0.03817	0.02247	22	-0.52	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0208	1.1000	0.00000	1.1187	0.03817	0.02247	22	-0.49	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.1104	0.05140	1.1187	0.03817	0.02247	22	-0.22	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.1110	0.00400	1.1187	0.03817	0.02247	22	-0.20	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.1150	0.01000	1.1187	0.03817	0.02247	22	-0.10	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.1175	0.00100	1.1187	0.03817	0.02247	22	-0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.1200	0.04000	1.1187	0.03817	0.02247	22	0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.1240	0.00800	1.1187	0.03817	0.02247	22	0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.1300	0.04000	1.1187	0.03817	0.02247	22	0.30	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.1395	0.00700	1.1187	0.03817	0.02247	22	0.54	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0662	1.1404	0.01900	1.1187	0.03817	0.02247	22	0.57	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.1470	0.00600	1.1187	0.03817	0.02247	22	0.74	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.1500	0.00000	1.1187	0.03817	0.02247	22	0.82	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.1520	0.01200	1.1187	0.03817	0.02247	22	0.87	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.1565	0.00700	1.1187	0.03817	0.02247	22	0.99	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.1665	0.03770	1.1187	0.03817	0.02247	22	1.25	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.2200	0.04000	1.1187	0.03817	0.02247	22	2.65	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.0640	0.22600	1.1187	0.03817	0.02247	22	-1.43	2%	1
121.01	Arginine, Pre-col OPA Der (%)	0904	1.2050	0.05000				1			0
121.02	Arginine, Post-col OPA Der (%)	0098	1.1400	0.00000				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.0625	0.00100	1.1308	0.04794	0.03683	6	-1.42	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.1050	0.09000	1.1308	0.04794	0.03683	6	-0.54	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.1350	0.07000	1.1308	0.04794	0.03683	6	0.09	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.1450	0.05000	1.1308	0.04794	0.03683	6	0.30	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.1520	0.00000	1.1308	0.04794	0.03683	6	0.44	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.1850	0.01000	1.1308	0.04794	0.03683	6	1.13	2%	0
121.99	Arginine, Miscellaneous (%)	2161	1.3450	0.07000				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.1470	0.05000	1.6991	0.07440	0.02544	22	-7.42	16%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.3550	0.01000	1.6991	0.07440	0.02544	22	-4.62	10%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.5885	0.02500	1.6991	0.07440	0.02544	22	-1.49	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.6050	0.03000	1.6991	0.07440	0.02544	22	-1.26	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0208	1.6650	0.01000	1.6991	0.07440	0.02544	22	-0.46	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0662	1.6685	0.04430	1.6991	0.07440	0.02544	22	-0.41	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.6690	0.03000	1.6991	0.07440	0.02544	22	-0.40	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.6750	0.05000	1.6991	0.07440	0.02544	22	-0.32	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.6940	0.05200	1.6991	0.07440	0.02544	22	-0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.7000	0.02000	1.6991	0.07440	0.02544	22	0.01	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.7005	0.00500	1.6991	0.07440	0.02544	22	0.02	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.7026	0.00500	1.6991	0.07440	0.02544	22	0.05	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.7160	0.00400	1.6991	0.07440	0.02544	22	0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.7195	0.01700	1.6991	0.07440	0.02544	22	0.27	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.7265	0.00900	1.6991	0.07440	0.02544	22	0.37	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.7300	0.02000	1.6991	0.07440	0.02544	22	0.42	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.7350	0.03000	1.6991	0.07440	0.02544	22	0.48	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.7400	0.00000	1.6991	0.07440	0.02544	22	0.55	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.7775	0.04700	1.6991	0.07440	0.02544	22	1.05	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.7851	0.00240	1.6991	0.07440	0.02544	22	1.16	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.7960	0.07800	1.6991	0.07440	0.02544	22	1.30	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.8245	0.02100	1.6991	0.07440	0.02544	22	1.69	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.8380	0.13510	1.6991	0.07440	0.02544	22	1.87	4%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
122.01	Aspartic, Pre-col OPA Der (%)	0904	1.9200	0.00000				1			0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.8055	0.00300				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.6150	0.01000	1.7164	0.07988	0.03683	6	-1.27	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.6575	0.04100	1.7164	0.07988	0.03683	6	-0.74	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.7110	0.00000	1.7164	0.07988	0.03683	6	-0.07	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.7450	0.01000	1.7164	0.07988	0.03683	6	0.36	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.7650	0.05000	1.7164	0.07988	0.03683	6	0.61	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.8050	0.11000	1.7164	0.07988	0.03683	6	1.11	3%	0
122.99	Aspartic, Miscellaneous (%)	2146	1.3550	0.05000				2			0
122.99	Aspartic, Miscellaneous (%)	2161	1.5350	0.07000				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.21500	0.01000	0.30589	0.03631	0.00777	23	-2.50	15%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.24740	0.00320	0.30589	0.03631	0.00777	23	-1.61	10%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.27000	0.00000	0.30589	0.03631	0.00777	23	-0.99	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.28000	0.00200	0.30589	0.03631	0.00777	23	-0.71	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.28000	0.02000	0.30589	0.03631	0.00777	23	-0.71	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0662	0.28030	0.00300	0.30589	0.03631	0.00777	23	-0.70	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.28650	0.00300	0.30589	0.03631	0.00777	23	-0.53	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.29000	0.00000	0.30589	0.03631	0.00777	23	-0.44	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.29000	0.02000	0.30589	0.03631	0.00777	23	-0.44	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.29700	0.00000	0.30589	0.03631	0.00777	23	-0.24	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.30050	0.00500	0.30589	0.03631	0.00777	23	-0.15	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.30500	0.01000	0.30589	0.03631	0.00777	23	-0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.30500	0.00000	0.30589	0.03631	0.00777	23	-0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.30550	0.00500	0.30589	0.03631	0.00777	23	-0.01	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.31150	0.00500	0.30589	0.03631	0.00777	23	0.15	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.31775	0.03150	0.30589	0.03631	0.00777	23	0.33	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0208	0.31950	0.00700	0.30589	0.03631	0.00777	23	0.37	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.33400	0.00200	0.30589	0.03631	0.00777	23	0.77	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.33500	0.01000	0.30589	0.03631	0.00777	23	0.80	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.34400	0.00000	0.30589	0.03631	0.00777	23	1.05	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.36750	0.00900	0.30589	0.03631	0.00777	23	1.70	10%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.37150	0.00700	0.30589	0.03631	0.00777	23	1.81	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.42100	0.02600	0.30589	0.03631	0.00777	23	3.17	19%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0904	0.27500	0.05000				1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.31850	0.00500				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.28200	0.00000	0.31074	0.01948	0.00200	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0723	0.30670	0.00000	0.31074	0.01948	0.00200	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.31000	0.00000	0.31074	0.01948	0.00200	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.32000	0.00000	0.31074	0.01948	0.00200	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.33500	0.01000	0.31074	0.01948	0.00200	5			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.36500	0.03000	0.31074	0.01948	0.00200	5			1
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.30500	0.01000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
124.99	Cysteine/Cystine, Miscellaneous (%)	2161	2.7000	0.00000				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	2.8370	0.08400	3.2243	0.12731	0.03996	22	-3.04	6%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.9710	0.08800	3.2243	0.12731	0.03996	22	-1.99	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.1205	0.00900	3.2243	0.12731	0.03996	22	-0.82	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.1350	0.03000	3.2243	0.12731	0.03996	22	-0.70	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	3.1600	0.04000	3.2243	0.12731	0.03996	22	-0.51	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.1600	0.04000	3.2243	0.12731	0.03996	22	-0.51	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.1630	0.00200	3.2243	0.12731	0.03996	22	-0.48	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.1730	0.02000	3.2243	0.12731	0.03996	22	-0.40	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.1795	0.01900	3.2243	0.12731	0.03996	22	-0.35	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.1830	0.00600	3.2243	0.12731	0.03996	22	-0.32	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.1900	0.02000	3.2243	0.12731	0.03996	22	-0.27	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.1950	0.05000	3.2243	0.12731	0.03996	22	-0.23	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.2010	0.01800	3.2243	0.12731	0.03996	22	-0.18	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.2050	0.03000	3.2243	0.12731	0.03996	22	-0.15	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	3.2595	0.02900	3.2243	0.12731	0.03996	22	0.28	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.2943	0.07880	3.2243	0.12731	0.03996	22	0.55	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.3058	0.06530	3.2243	0.12731	0.03996	22	0.64	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0662	3.3396	0.08730	3.2243	0.12731	0.03996	22	0.90	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.3840	0.06800	3.2243	0.12731	0.03996	22	1.25	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0208	3.3900	0.02000	3.2243	0.12731	0.03996	22	1.30	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.4200	0.04000	3.2243	0.12731	0.03996	22	1.54	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.6721	0.03480	3.2243	0.12731	0.03996	22	3.52	7%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	2.8525	0.21900	3.2243	0.12731	0.03996	22	-2.92	6%	1
125.01	Glutamic, Pre-col OPA Der (%)	0904	3.3000	0.10000				1			0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.2650	0.04400				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.0500	0.02000	3.1788	0.10931	0.02333	6	-1.18	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	3.1350	0.01000	3.1788	0.10931	0.02333	6	-0.40	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.1670	0.03000	3.1788	0.10931	0.02333	6	-0.11	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	3.1700	0.02000	3.1788	0.10931	0.02333	6	-0.08	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	3.2080	0.00000	3.1788	0.10931	0.02333	6	0.27	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.5200	0.06000	3.1788	0.10931	0.02333	6	3.12	5%	0
125.99	Glutamic, Miscellaneous (%)	2146	2.7150	0.03000				2			0
125.99	Glutamic, Miscellaneous (%)	2161	3.0700	0.02000				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.69950	0.01700	0.76931	0.02545	0.00788	22	-2.74	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.73500	0.01000	0.76931	0.02545	0.00788	22	-1.35	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.73500	0.01000	0.76931	0.02545	0.00788	22	-1.35	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.74815	0.01150	0.76931	0.02545	0.00788	22	-0.83	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.75000	0.00000	0.76931	0.02545	0.00788	22	-0.76	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.75700	0.02200	0.76931	0.02545	0.00788	22	-0.48	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0208	0.76000	0.00000	0.76931	0.02545	0.00788	22	-0.37	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0662	0.76120	0.01320	0.76931	0.02545	0.00788	22	-0.32	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	
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.76250	0.01100	0.76931	0.02545	0.00788	22	-0.27	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.76500	0.00200	0.76931	0.02545	0.00788	22	-0.17	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.76900	0.00400	0.76931	0.02545	0.00788	22	-0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.77000	0.02000	0.76931	0.02545	0.00788	22	0.03	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.77150	0.00100	0.76931	0.02545	0.00788	22	0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.77400	0.00200	0.76931	0.02545	0.00788	22	0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.77500	0.01000	0.76931	0.02545	0.00788	22	0.22	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.77900	0.01600	0.76931	0.02545	0.00788	22	0.38	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.78000	0.00000	0.76931	0.02545	0.00788	22	0.42	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.78150	0.00100	0.76931	0.02545	0.00788	22	0.48	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.79785	0.00410	0.76931	0.02545	0.00788	22	1.12	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.80710	0.00060	0.76931	0.02545	0.00788	22	1.48	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.83000	0.01200	0.76931	0.02545	0.00788	22	2.38	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.84700	0.00600	0.76931	0.02545	0.00788	22	3.05	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.83800	0.06400	0.76931	0.02545	0.00788	22	2.70	4%	1
126.01	Glycine, Pre-col OPA Der (%)	0904	0.78500	0.01000				1			0
126.02	Glycine, Post-col OPA Der (%)	0098	0.79100	0.00400				1			0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.74500	0.05000	0.77017	0.02310	0.01800	6	-1.09	2%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.75400	0.00000	0.77017	0.02310	0.01800	6	-0.70	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.75700	0.00800	0.77017	0.02310	0.01800	6	-0.57	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.78500	0.01000	0.77017	0.02310	0.01800	6	0.64	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.79000	0.00000	0.77017	0.02310	0.01800	6	0.86	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.79000	0.04000	0.77017	0.02310	0.01800	6	0.86	1%	0
126.99	Glycine, Miscellaneous (%)	2161	0.71000	0.02000				2			0
126.99	Glycine, Miscellaneous (%)	2146	0.72000	0.00000				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.40365	0.01450	0.46827	0.02614	0.00975	22	-2.47	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.41200	0.00800	0.46827	0.02614	0.00975	22	-2.15	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.43100	0.00600	0.46827	0.02614	0.00975	22	-1.43	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.43730	0.01020	0.46827	0.02614	0.00975	22	-1.18	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.45500	0.01000	0.46827	0.02614	0.00975	22	-0.51	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.45765	0.01730	0.46827	0.02614	0.00975	22	-0.41	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0662	0.46000	0.00460	0.46827	0.02614	0.00975	22	-0.32	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0208	0.46000	0.00000	0.46827	0.02614	0.00975	22	-0.32	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.46500	0.01000	0.46827	0.02614	0.00975	22	-0.13	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.47000	0.00000	0.46827	0.02614	0.00975	22	0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.47200	0.00200	0.46827	0.02614	0.00975	22	0.14	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.47250	0.00100	0.46827	0.02614	0.00975	22	0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.47400	0.00800	0.46827	0.02614	0.00975	22	0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.47500	0.00000	0.46827	0.02614	0.00975	22	0.26	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.47500	0.01000	0.46827	0.02614	0.00975	22	0.26	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.47600	0.01000	0.46827	0.02614	0.00975	22	0.30	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.47750	0.01100	0.46827	0.02614	0.00975	22	0.35	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	
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.47850	0.00900	0.46827	0.02614	0.00975	22	0.39	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.48500	0.01000	0.46827	0.02614	0.00975	22	0.64	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.54000	0.02000	0.46827	0.02614	0.00975	22	2.74	8%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.61050	0.00700	0.46827	0.02614	0.00975	22	5.44	15%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.63900	0.04600	0.46827	0.02614	0.00975	22	6.53	18%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.44100	0.10400	0.46827	0.02614	0.00975	22	-1.04	3%	1
127.01	Histidine, Pre-col OPA Der (%)	0904	0.51000	0.04000				1			0
127.02	Histidine, Post-col OPA Der (%)	0098	0.47100	0.00200				1			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.44150	0.00700	0.46308	0.02337	0.00950	6	-0.92	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.44500	0.01000	0.46308	0.02337	0.00950	6	-0.77	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.45200	0.00000	0.46308	0.02337	0.00950	6	-0.47	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.47000	0.00000	0.46308	0.02337	0.00950	6	0.30	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.47500	0.03000	0.46308	0.02337	0.00950	6	0.51	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.49500	0.01000	0.46308	0.02337	0.00950	6	1.37	3%	0
127.99	Histidine, Miscellaneous (%)	2146	0.44500	0.01000				2			0
127.99	Histidine, Miscellaneous (%)	2161	0.57000	0.02000				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.53500	0.01000	0.71557	0.03465	0.01346	22	-5.21	13%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.55350	0.04100	0.71557	0.03465	0.01346	22	-4.68	11%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.64185	0.01990	0.71557	0.03465	0.01346	22	-2.13	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.67450	0.01300	0.71557	0.03465	0.01346	22	-1.19	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.68650	0.01500	0.71557	0.03465	0.01346	22	-0.84	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.69700	0.01400	0.71557	0.03465	0.01346	22	-0.54	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0208	0.70000	0.00000	0.71557	0.03465	0.01346	22	-0.45	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.70550	0.00300	0.71557	0.03465	0.01346	22	-0.29	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.70850	0.00500	0.71557	0.03465	0.01346	22	-0.20	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0662	0.71005	0.00530	0.71557	0.03465	0.01346	22	-0.16	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.72265	0.05790	0.71557	0.03465	0.01346	22	0.20	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.72500	0.01000	0.71557	0.03465	0.01346	22	0.27	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.73000	0.02000	0.71557	0.03465	0.01346	22	0.42	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.73250	0.00100	0.71557	0.03465	0.01346	22	0.49	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.73500	0.01000	0.71557	0.03465	0.01346	22	0.56	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.73550	0.00300	0.71557	0.03465	0.01346	22	0.58	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.73950	0.02100	0.71557	0.03465	0.01346	22	0.69	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.74300	0.01600	0.71557	0.03465	0.01346	22	0.79	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.74500	0.01000	0.71557	0.03465	0.01346	22	0.85	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.74500	0.01000	0.71557	0.03465	0.01346	22	0.85	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.75150	0.00100	0.71557	0.03465	0.01346	22	1.04	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.76500	0.01000	0.71557	0.03465	0.01346	22	1.43	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.66420	0.10920	0.71557	0.03465	0.01346	22	-1.48	4%	1
128.01	Isoleucine, Pre-col OPA Der (%)	0904	0.75500	0.01000				1			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.74400	0.01600				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.64600	0.00400	0.74046	0.05982	0.01733	6	-1.58	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	
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.71000	0.06000	0.74046	0.05982	0.01733	6	-0.51	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.75200	0.00000	0.74046	0.05982	0.01733	6	0.19	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.76000	0.00000	0.74046	0.05982	0.01733	6	0.33	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.77000	0.02000	0.74046	0.05982	0.01733	6	0.49	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.80000	0.02000	0.74046	0.05982	0.01733	6	1.00	4%	0
128.99	Isoleucine, Miscellaneous (%)	2146	0.67000	0.02000				2			0
128.99	Isoleucine, Miscellaneous (%)	2161	0.89500	0.03000				2			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.0250	0.01000	1.5163	0.05416	0.01998	22	-9.07	16%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.4260	0.04000	1.5163	0.05416	0.01998	22	-1.67	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0208	1.4450	0.01000	1.5163	0.05416	0.01998	22	-1.32	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.4489	0.03020	1.5163	0.05416	0.01998	22	-1.25	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.4805	0.00700	1.5163	0.05416	0.01998	22	-0.66	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0662	1.4821	0.01420	1.5163	0.05416	0.01998	22	-0.63	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.4950	0.01000	1.5163	0.05416	0.01998	22	-0.39	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.5100	0.02000	1.5163	0.05416	0.01998	22	-0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.5150	0.01000	1.5163	0.05416	0.01998	22	-0.02	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.5150	0.01000	1.5163	0.05416	0.01998	22	-0.02	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.5200	0.00200	1.5163	0.05416	0.01998	22	0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.5210	0.02400	1.5163	0.05416	0.01998	22	0.09	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.5215	0.00500	1.5163	0.05416	0.01998	22	0.10	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.5235	0.00500	1.5163	0.05416	0.01998	22	0.13	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.5400	0.02000	1.5163	0.05416	0.01998	22	0.44	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.5400	0.02000	1.5163	0.05416	0.01998	22	0.44	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.5455	0.00100	1.5163	0.05416	0.01998	22	0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.5520	0.00000	1.5163	0.05416	0.01998	22	0.66	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.5690	0.02400	1.5163	0.05416	0.01998	22	0.97	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.5700	0.00000	1.5163	0.05416	0.01998	22	0.99	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.6010	0.04420	1.5163	0.05416	0.01998	22	1.56	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.6935	0.13300	1.5163	0.05416	0.01998	22	3.27	6%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.6113	0.19070	1.5163	0.05416	0.01998	22	1.75	3%	1
129.01	Leucine, Pre-col OPA Der (%)	0904	1.6500	0.08000				1			0
129.02	Leucine, Post-col OPA Der (%)	0098	1.5700	0.01200				1			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.4465	0.00100	1.5435	0.07798	0.00820	5			0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.5110	0.00000	1.5435	0.07798	0.00820	5			0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.5400	0.02000	1.5435	0.07798	0.00820	5			0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.5600	0.00000	1.5435	0.07798	0.00820	5			0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.6600	0.02000	1.5435	0.07798	0.00820	5			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.4850	0.09000	1.5435	0.07798	0.00820	5			1
129.99	Leucine, Miscellaneous (%)	2146	1.4500	0.04000				2			0
129.99	Leucine, Miscellaneous (%)	2161	1.4850	0.03000				2			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.69450	0.04500	0.87108	0.05933	0.02051	24	-2.98	10%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.74800	0.01000	0.87108	0.05933	0.02051	24	-2.07	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.77500	0.01000	0.87108	0.05933	0.02051	24	-1.62	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.77500	0.01000	0.87108	0.05933	0.02051	24	-1.62	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.79900	0.01400	0.87108	0.05933	0.02051	24	-1.21	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.84000	0.02000	0.87108	0.05933	0.02051	24	-0.52	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0208	0.84500	0.01000	0.87108	0.05933	0.02051	24	-0.44	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.85300	0.01400	0.87108	0.05933	0.02051	24	-0.30	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.85500	0.03000	0.87108	0.05933	0.02051	24	-0.27	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.87150	0.00300	0.87108	0.05933	0.02051	24	0.01	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.88200	0.07600	0.87108	0.05933	0.02051	24	0.18	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.88355	0.03790	0.87108	0.05933	0.02051	24	0.21	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.88950	0.00500	0.87108	0.05933	0.02051	24	0.31	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.89315	0.02230	0.87108	0.05933	0.02051	24	0.37	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.89900	0.01800	0.87108	0.05933	0.02051	24	0.47	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.90850	0.00100	0.87108	0.05933	0.02051	24	0.63	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.90850	0.00300	0.87108	0.05933	0.02051	24	0.63	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.91100	0.00800	0.87108	0.05933	0.02051	24	0.67	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.91165	0.00350	0.87108	0.05933	0.02051	24	0.68	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.91500	0.01000	0.87108	0.05933	0.02051	24	0.74	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.91500	0.01000	0.87108	0.05933	0.02051	24	0.74	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0662	0.91770	0.05060	0.87108	0.05933	0.02051	24	0.79	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.92450	0.01100	0.87108	0.05933	0.02051	24	0.90	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.95500	0.07000	0.87108	0.05933	0.02051	24	1.41	5%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0904	0.99000	0.04000				1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.92950	0.00100				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.85000	0.04000	0.90636	0.05524	0.01729	7	-1.02	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	0.85400	0.00000	0.90636	0.05524	0.01729	7	-0.95	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.88450	0.02100	0.90636	0.05524	0.01729	7	-0.40	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.91000	0.00000	0.90636	0.05524	0.01729	7	0.07	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.91500	0.05000	0.90636	0.05524	0.01729	7	0.16	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.94600	0.00000	0.90636	0.05524	0.01729	7	0.72	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.98500	0.01000	0.90636	0.05524	0.01729	7	1.42	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	0.82850	0.15900	0.90636	0.05524	0.01729	7	-1.41	4%	1
130.99	L-Lysine, Miscellaneous (%)	0939	0.84000	0.04000	1.0061	0.14251	0.03502	5			0
130.99	L-Lysine, Miscellaneous (%)	2053	0.88000	0.00000	1.0061	0.14251	0.03502	5			0
130.99	L-Lysine, Miscellaneous (%)	2146	1.0250	0.07000	1.0061	0.14251	0.03502	5			0
130.99	L-Lysine, Miscellaneous (%)	2161	1.1350	0.01000	1.0061	0.14251	0.03502	5			0
130.99	L-Lysine, Miscellaneous (%)	0508	1.1503	0.05510	1.0061	0.14251	0.03502	5			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.25200	0.01000	0.29363	0.02370	0.00665	24	-1.76	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.26000	0.00000	0.29363	0.02370	0.00665	24	-1.42	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.26350	0.00500	0.29363	0.02370	0.00665	24	-1.27	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.28000	0.00000	0.29363	0.02370	0.00665	24	-0.58	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.28000	0.00000	0.29363	0.02370	0.00665	24	-0.58	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	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.28005	0.00110	0.29363	0.02370	0.00665	24	-0.57	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.28050	0.01100	0.29363	0.02370	0.00665	24	-0.55	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.28450	0.00700	0.29363	0.02370	0.00665	24	-0.39	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.28500	0.01000	0.29363	0.02370	0.00665	24	-0.36	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.28500	0.01000	0.29363	0.02370	0.00665	24	-0.36	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.28600	0.00400	0.29363	0.02370	0.00665	24	-0.32	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0208	0.28650	0.01500	0.29363	0.02370	0.00665	24	-0.30	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.28900	0.00000	0.29363	0.02370	0.00665	24	-0.20	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.29000	0.00000	0.29363	0.02370	0.00665	24	-0.15	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.29750	0.00700	0.29363	0.02370	0.00665	24	0.16	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.30050	0.00500	0.29363	0.02370	0.00665	24	0.29	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0662	0.30055	0.00770	0.29363	0.02370	0.00665	24	0.29	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.30495	0.01570	0.29363	0.02370	0.00665	24	0.48	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.30750	0.01100	0.29363	0.02370	0.00665	24	0.59	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.31950	0.01500	0.29363	0.02370	0.00665	24	1.09	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.32100	0.00400	0.29363	0.02370	0.00665	24	1.15	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.33500	0.01000	0.29363	0.02370	0.00665	24	1.75	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.35500	0.01000	0.29363	0.02370	0.00665	24	2.59	10%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.37350	0.00100	0.29363	0.02370	0.00665	24	3.37	14%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0904	0.29500	0.03000				1			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.27800	0.01200				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.23750	0.00300	0.29594	0.04272	0.00700	7	-1.37	10%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.25500	0.01000	0.29594	0.04272	0.00700	7	-0.96	7%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.29800	0.00000	0.29594	0.04272	0.00700	7	0.05	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.30000	0.00000	0.29594	0.04272	0.00700	7	0.09	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0723	0.31510	0.00000	0.29594	0.04272	0.00700	7	0.45	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0014	0.32100	0.02600	0.29594	0.04272	0.00700	7	0.59	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.34500	0.01000	0.29594	0.04272	0.00700	7	1.15	8%	0
131.99	Methionine, Miscellaneous (%)	2161	0.17000	0.00000	0.24375	0.05072	0.02750	4			0
131.99	Methionine, Miscellaneous (%)	0939	0.25500	0.01000	0.24375	0.05072	0.02750	4			0
131.99	Methionine, Miscellaneous (%)	2053	0.26500	0.07000	0.24375	0.05072	0.02750	4			0
131.99	Methionine, Miscellaneous (%)	2146	0.28500	0.03000	0.24375	0.05072	0.02750	4			0
131.99	Methionine, Miscellaneous (%)	0508	0.41330	0.18900	0.24375	0.05072	0.02750	4			1
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.64800	0.01400	0.86980	0.03289	0.01421	22	-6.74	13%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.79030	0.03100	0.86980	0.03289	0.01421	22	-2.42	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.83100	0.00500	0.86980	0.03289	0.01421	22	-1.18	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.83250	0.01300	0.86980	0.03289	0.01421	22	-1.13	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.84850	0.01300	0.86980	0.03289	0.01421	22	-0.65	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.85000	0.00000	0.86980	0.03289	0.01421	22	-0.60	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0208	0.86000	0.00000	0.86980	0.03289	0.01421	22	-0.30	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.86300	0.00400	0.86980	0.03289	0.01421	22	-0.21	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.86500	0.01000	0.86980	0.03289	0.01421	22	-0.15	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.86600	0.00000	0.86980	0.03289	0.01421	22	-0.12	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.86700	0.00800	0.86980	0.03289	0.01421	22	-0.09	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.86975	0.07630	0.86980	0.03289	0.01421	22	0.00	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.87350	0.04700	0.86980	0.03289	0.01421	22	0.11	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.87600	0.01600	0.86980	0.03289	0.01421	22	0.19	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.88000	0.01000	0.86980	0.03289	0.01421	22	0.31	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.88000	0.02000	0.86980	0.03289	0.01421	22	0.31	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.88500	0.01000	0.86980	0.03289	0.01421	22	0.46	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.89500	0.01000	0.86980	0.03289	0.01421	22	0.77	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.89900	0.00000	0.86980	0.03289	0.01421	22	0.89	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0662	0.91510	0.01040	0.86980	0.03289	0.01421	22	1.38	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.92250	0.00500	0.86980	0.03289	0.01421	22	1.60	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	1.0250	0.01000	0.86980	0.03289	0.01421	22	4.72	9%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.77500	0.19400	0.86980	0.03289	0.01421	22	-2.88	5%	1
132.01	Phenylalanine, Pre-col OPA Der (%)	0904	0.84500	0.03000				1			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.87250	0.00300				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.83000	0.00800	0.86666	0.04754	0.02967	6	-0.77	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.83000	0.10000	0.86666	0.04754	0.02967	6	-0.77	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.84500	0.05000	0.86666	0.04754	0.02967	6	-0.46	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.86700	0.00000	0.86666	0.04754	0.02967	6	0.01	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.89000	0.00000	0.86666	0.04754	0.02967	6	0.49	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.96000	0.02000	0.86666	0.04754	0.02967	6	1.96	5%	0
132.99	Phenylalanine, Miscellaneous (%)	2161	0.90000	0.00000				2			0
132.99	Phenylalanine, Miscellaneous (%)	2146	0.91000	0.04000				2			0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.91500	0.00220	1.0944	0.06301	0.02564	23	-2.85	8%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.99500	0.02600	1.0944	0.06301	0.02564	23	-1.58	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.0200	0.02000	1.0944	0.06301	0.02564	23	-1.18	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.0500	0.01600	1.0944	0.06301	0.02564	23	-0.70	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0662	1.0528	0.04790	1.0944	0.06301	0.02564	23	-0.66	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.0680	0.03600	1.0944	0.06301	0.02564	23	-0.42	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.0700	0.04000	1.0944	0.06301	0.02564	23	-0.39	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.0740	0.00400	1.0944	0.06301	0.02564	23	-0.32	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.0760	0.03000	1.0944	0.06301	0.02564	23	-0.29	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.0775	0.00300	1.0944	0.06301	0.02564	23	-0.27	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0208	1.0800	0.00000	1.0944	0.06301	0.02564	23	-0.23	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.0810	0.02600	1.0944	0.06301	0.02564	23	-0.21	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.0950	0.03000	1.0944	0.06301	0.02564	23	0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.1000	0.02000	1.0944	0.06301	0.02564	23	0.09	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.1040	0.00800	1.0944	0.06301	0.02564	23	0.15	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.1040	0.01000	1.0944	0.06301	0.02564	23	0.15	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	1.1060	0.00600	1.0944	0.06301	0.02564	23	0.18	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.1300	0.06000	1.0944	0.06301	0.02564	23	0.57	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.1300	0.02000	1.0944	0.06301	0.02564	23	0.57	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.1862	0.02450	1.0944	0.06301	0.02564	23	1.46	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.2035	0.07320	1.0944	0.06301	0.02564	23	1.73	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.5250	0.03000	1.0944	0.06301	0.02564	23	6.83	20%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.8205	0.05700	1.0944	0.06301	0.02564	23	11.52	33%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.0005	0.00100	1.1110	0.01254	0.02157	7	-8.81	5%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.1050	0.01000	1.1110	0.01254	0.02157	7	-0.48	0%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.1100	0.06000	1.1110	0.01254	0.02157	7	-0.08	0%	0
133.05	Proline, Pre-col AQC Der (%)	0904	1.1100	0.02000	1.1110	0.01254	0.02157	7	-0.08	0%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.1150	0.05000	1.1110	0.01254	0.02157	7	0.32	0%	0
133.05	Proline, Pre-col AQC Der (%)	0610	1.1150	0.01000	1.1110	0.01254	0.02157	7	0.32	0%	0
133.05	Proline, Pre-col AQC Der (%)	2196	1.2120	0.00000	1.1110	0.01254	0.02157	7	8.05	5%	0
133.99	Proline, Miscellaneous (%)	2146	0.99500	0.01000				2			0
133.99	Proline, Miscellaneous (%)	2161	1.4500	0.00000				2			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.73500	0.01000	0.86777	0.03320	0.01541	22	-4.00	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.81050	0.01500	0.86777	0.03320	0.01541	22	-1.72	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.83000	0.02000	0.86777	0.03320	0.01541	22	-1.14	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.83800	0.01800	0.86777	0.03320	0.01541	22	-0.90	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.83800	0.00200	0.86777	0.03320	0.01541	22	-0.90	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.84500	0.03000	0.86777	0.03320	0.01541	22	-0.69	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0662	0.84930	0.02760	0.86777	0.03320	0.01541	22	-0.56	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0208	0.85000	0.00000	0.86777	0.03320	0.01541	22	-0.54	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.86450	0.01100	0.86777	0.03320	0.01541	22	-0.10	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.86650	0.00700	0.86777	0.03320	0.01541	22	-0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.87050	0.06300	0.86777	0.03320	0.01541	22	0.08	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.87400	0.01200	0.86777	0.03320	0.01541	22	0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.87500	0.01000	0.86777	0.03320	0.01541	22	0.22	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.87850	0.02300	0.86777	0.03320	0.01541	22	0.32	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.88000	0.00000	0.86777	0.03320	0.01541	22	0.37	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.88500	0.01000	0.86777	0.03320	0.01541	22	0.52	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.88500	0.01000	0.86777	0.03320	0.01541	22	0.52	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.88550	0.01700	0.86777	0.03320	0.01541	22	0.53	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.90050	0.00140	0.86777	0.03320	0.01541	22	0.99	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.90450	0.01900	0.86777	0.03320	0.01541	22	1.11	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.93095	0.00410	0.86777	0.03320	0.01541	22	1.90	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.99750	0.02900	0.86777	0.03320	0.01541	22	3.91	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.89085	0.08390	0.86777	0.03320	0.01541	22	0.70	1%	1
134.01	Serine, Pre-col OPA Der (%)	0904	0.97000	0.06000				1			0
134.02	Serine, Post-col OPA Der (%)	0098	0.76100	0.03800				1			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.82500	0.01000	0.86283	0.04366	0.01100	6	-0.87	2%	0
134.05	Serine, Pre-col AQC Der (%)	0610	0.83500	0.03000	0.86283	0.04366	0.01100	6	-0.64	2%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.84000	0.00000	0.86283	0.04366	0.01100	6	-0.52	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	
134.05	Serine, Pre-col AQC Der (%)	0626	0.85700	0.00600	0.86283	0.04366	0.01100	6	-0.13	0%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.90000	0.00000	0.86283	0.04366	0.01100	6	0.85	2%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.92000	0.02000	0.86283	0.04366	0.01100	6	1.31	3%	0
134.99	Serine, Miscellaneous (%)	2146	0.81500	0.03000				2			0
134.99	Serine, Miscellaneous (%)	2161	0.86500	0.05000				2			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.61100	0.01800	0.67712	0.02466	0.01366	23	-2.68	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.64500	0.01000	0.67712	0.02466	0.01366	23	-1.30	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.65000	0.04000	0.67712	0.02466	0.01366	23	-1.10	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0662	0.65140	0.02360	0.67712	0.02466	0.01366	23	-1.04	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.65500	0.01000	0.67712	0.02466	0.01366	23	-0.90	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.66250	0.00100	0.67712	0.02466	0.01366	23	-0.59	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0208	0.66500	0.01000	0.67712	0.02466	0.01366	23	-0.49	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.66500	0.01000	0.67712	0.02466	0.01366	23	-0.49	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.66950	0.00300	0.67712	0.02466	0.01366	23	-0.31	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.67050	0.00300	0.67712	0.02466	0.01366	23	-0.27	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.67100	0.00000	0.67712	0.02466	0.01366	23	-0.25	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.67550	0.00100	0.67712	0.02466	0.01366	23	-0.07	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.68150	0.00300	0.67712	0.02466	0.01366	23	0.18	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.68225	0.00730	0.67712	0.02466	0.01366	23	0.21	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.68290	0.00120	0.67712	0.02466	0.01366	23	0.23	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.68500	0.01000	0.67712	0.02466	0.01366	23	0.32	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.68700	0.01200	0.67712	0.02466	0.01366	23	0.40	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.69500	0.01000	0.67712	0.02466	0.01366	23	0.72	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.69900	0.01600	0.67712	0.02466	0.01366	23	0.89	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.70350	0.01900	0.67712	0.02466	0.01366	23	1.07	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.71150	0.05100	0.67712	0.02466	0.01366	23	1.39	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.71155	0.01110	0.67712	0.02466	0.01366	23	1.40	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.75000	0.04400	0.67712	0.02466	0.01366	23	2.96	5%	0
135.01	Threonine, Pre-col OPA Der (%)	0904	0.78000	0.02000				1			0
135.02	Threonine, Post-col OPA Der (%)	0098	0.68450	0.00100				1			0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.56000	0.02000	0.65573	0.02524	0.01017	6	-3.79	7%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.65000	0.02000	0.65573	0.02524	0.01017	6	-0.23	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.65500	0.01000	0.65573	0.02524	0.01017	6	-0.03	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.65550	0.00100	0.65573	0.02524	0.01017	6	-0.01	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.67500	0.01000	0.65573	0.02524	0.01017	6	0.76	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.68100	0.00000	0.65573	0.02524	0.01017	6	1.00	2%	0
135.99	Threonine, Miscellaneous (%)	2146	0.58000	0.00000				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.17090	0.00180	0.20394	0.02482	0.01139	7	-1.33	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.18000	0.02000	0.20394	0.02482	0.01139	7	-0.96	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.20000	0.04000	0.20394	0.02482	0.01139	7	-0.16	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.21100	0.00800	0.20394	0.02482	0.01139	7	0.28	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.21150	0.00700	0.20394	0.02482	0.01139	7	0.30	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0662	0.22415	0.00290	0.20394	0.02482	0.01139	7	0.81	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.23000	0.00000	0.20394	0.02482	0.01139	7	1.05	6%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0208	0.19150	0.00500	0.20975	0.01250	0.00350	4			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.21250	0.00100	0.20975	0.01250	0.00350	4			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.21550	0.00300	0.20975	0.01250	0.00350	4			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.21950	0.00500	0.20975	0.01250	0.00350	4			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.20200	0.00400				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.19500	0.00200	0.21700	0.02540	0.00160	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.20450	0.00100	0.21700	0.02540	0.00160	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.20750	0.00100	0.21700	0.02540	0.00160	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.21800	0.00400	0.21700	0.02540	0.00160	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.26000	0.00000	0.21700	0.02540	0.00160	5			0
136.99	Tryptophan, Miscellaneous (%)	2161	0.13000	0.00000				3			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.19500	0.01000				3			0
136.99	Tryptophan, Miscellaneous (%)	0904	0.22500	0.03000				3			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.45000	0.02000	0.57178	0.04268	0.01940	15	-2.85	11%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.51150	0.02700	0.57178	0.04268	0.01940	15	-1.41	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0662	0.54165	0.02130	0.57178	0.04268	0.01940	15	-0.71	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.54170	0.02560	0.57178	0.04268	0.01940	15	-0.70	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.55000	0.06000	0.57178	0.04268	0.01940	15	-0.51	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0208	0.55500	0.01000	0.57178	0.04268	0.01940	15	-0.39	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.55500	0.01000	0.57178	0.04268	0.01940	15	-0.39	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.58000	0.02000	0.57178	0.04268	0.01940	15	0.19	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.58250	0.01100	0.57178	0.04268	0.01940	15	0.25	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.59050	0.01500	0.57178	0.04268	0.01940	15	0.44	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.60000	0.02000	0.57178	0.04268	0.01940	15	0.66	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.60400	0.01000	0.57178	0.04268	0.01940	15	0.75	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.60965	0.00610	0.57178	0.04268	0.01940	15	0.89	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.61900	0.00200	0.57178	0.04268	0.01940	15	1.11	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.62850	0.03300	0.57178	0.04268	0.01940	15	1.33	5%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0904	0.63000	0.04000				1			0
137.02	Tyrosine, Post-col OPA Der (%)	0870	0.59560	0.00660				2			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.60850	0.01100				2			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.48700	0.01400	0.61633	0.05424	0.01400	6	-2.38	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.60000	0.02000	0.61633	0.05424	0.01400	6	-0.30	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.62000	0.02000	0.61633	0.05424	0.01400	6	0.07	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.62800	0.00000	0.61633	0.05424	0.01400	6	0.22	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.63500	0.01000	0.61633	0.05424	0.01400	6	0.34	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.68000	0.02000	0.61633	0.05424	0.01400	6	1.17	5%	0
137.99	Tyrosine, Miscellaneous (%)	2161	0.46500	0.01000				3			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.56500	0.01000				3			0
137.99	Tyrosine, Miscellaneous (%)	0353	0.77000	0.04000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.62000	0.02000	0.83637	0.04977	0.01970	23	-4.35	13%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.74900	0.01400	0.83637	0.04977	0.01970	23	-1.76	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.75525	0.01750	0.83637	0.04977	0.01970	23	-1.63	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.76100	0.01600	0.83637	0.04977	0.01970	23	-1.51	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.78850	0.01100	0.83637	0.04977	0.01970	23	-0.96	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.80500	0.01000	0.83637	0.04977	0.01970	23	-0.63	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.82500	0.05000	0.83637	0.04977	0.01970	23	-0.23	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.83250	0.00900	0.83637	0.04977	0.01970	23	-0.08	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.83550	0.00100	0.83637	0.04977	0.01970	23	-0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.83730	0.04480	0.83637	0.04977	0.01970	23	0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.84350	0.01300	0.83637	0.04977	0.01970	23	0.14	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.84700	0.00000	0.83637	0.04977	0.01970	23	0.21	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.85100	0.00200	0.83637	0.04977	0.01970	23	0.29	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.85500	0.01000	0.83637	0.04977	0.01970	23	0.37	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.85600	0.02200	0.83637	0.04977	0.01970	23	0.39	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.85920	0.08220	0.83637	0.04977	0.01970	23	0.46	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0208	0.86000	0.00000	0.83637	0.04977	0.01970	23	0.47	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.86500	0.01000	0.83637	0.04977	0.01970	23	0.58	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.87000	0.02000	0.83637	0.04977	0.01970	23	0.68	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0662	0.87215	0.00470	0.83637	0.04977	0.01970	23	0.72	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.87500	0.00600	0.83637	0.04977	0.01970	23	0.78	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.90100	0.01800	0.83637	0.04977	0.01970	23	1.30	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.91200	0.07200	0.83637	0.04977	0.01970	23	1.52	5%	0
138.01	Valine, Pre-col OPA Der (%)	0904	0.81500	0.01000				1			0
138.02	Valine, Post-col OPA Der (%)	0098	0.88400	0.01800				1			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.80700	0.00000	0.86383	0.04153	0.01333	6	-1.37	3%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.85000	0.02000	0.86383	0.04153	0.01333	6	-0.33	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.86500	0.03000	0.86383	0.04153	0.01333	6	0.03	0%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.86600	0.00000	0.86383	0.04153	0.01333	6	0.05	0%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.87500	0.03000	0.86383	0.04153	0.01333	6	0.27	1%	0
138.05	Valine, Pre-col AQC Der (%)	0610	0.92000	0.00000	0.86383	0.04153	0.01333	6	1.35	3%	0
138.99	Valine, Miscellaneous (%)	2161	0.68000	0.00000				2			0
138.99	Valine, Miscellaneous (%)	2146	0.77500	0.01000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.18500	0.01000				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.01000	0.00000				1			0
139.99	Taurine, Miscellaneous (%)	2161	0.08000	0.00000				1			0
142.00	Threonine Free, LC-PCD (%)	2161	0.80500	0.01000				1			0
160.99	Fructose, Miscellaneous (%)	0619	0.16800	0.00000	0.30080	0.13231	0.04600	5			0
160.99	Fructose, Miscellaneous (%)	0861	0.20000	0.00000	0.30080	0.13231	0.04600	5			0
160.99	Fructose, Miscellaneous (%)	0297	0.26600	0.13000	0.30080	0.13231	0.04600	5			0
160.99	Fructose, Miscellaneous (%)	0227	0.38500	0.07000	0.30080	0.13231	0.04600	5			0
160.99	Fructose, Miscellaneous (%)	0148	0.48500	0.03000	0.30080	0.13231	0.04600	5			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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160.99	Fructose, Miscellaneous (%)	0638	0.00000	0.00000	0.30080	0.13231	0.04600	5			4
161.99	Galactose, Miscellaneous (%)	0297	0.02700	0.01800				1			0
162.99	Glucose, Miscellaneous (%)	0619	0.46800	0.00800	0.56560	0.10198	0.05467	6	-0.96	9%	0
162.99	Glucose, Miscellaneous (%)	0861	0.50000	0.00000	0.56560	0.10198	0.05467	6	-0.64	6%	0
162.99	Glucose, Miscellaneous (%)	0148	0.54500	0.01000	0.56560	0.10198	0.05467	6	-0.20	2%	0
162.99	Glucose, Miscellaneous (%)	0297	0.54700	0.06000	0.56560	0.10198	0.05467	6	-0.18	2%	0
162.99	Glucose, Miscellaneous (%)	0227	0.61500	0.05000	0.56560	0.10198	0.05467	6	0.48	4%	0
162.99	Glucose, Miscellaneous (%)	0629	1.4000	0.20000	0.56560	0.10198	0.05467	6	8.18	74%	0
162.99	Glucose, Miscellaneous (%)	0638	0.15000	0.30000	0.56560	0.10198	0.05467	6			4
163.99	Lactose, Miscellaneous (%)	0629	2.6000	0.20000	2.9148	0.30284	0.11767	6	-1.04	5%	0
163.99	Lactose, Miscellaneous (%)	0227	2.6100	0.02000	2.9148	0.30284	0.11767	6	-1.01	5%	0
163.99	Lactose, Miscellaneous (%)	0297	2.8690	0.20600	2.9148	0.30284	0.11767	6	-0.15	1%	0
163.99	Lactose, Miscellaneous (%)	0148	3.0750	0.05000	2.9148	0.30284	0.11767	6	0.53	3%	0
163.99	Lactose, Miscellaneous (%)	0861	3.1000	0.20000	2.9148	0.30284	0.11767	6	0.61	3%	0
163.99	Lactose, Miscellaneous (%)	0619	3.2350	0.03000	2.9148	0.30284	0.11767	6	1.06	5%	0
164.99	Maltose, Miscellaneous (%)	0861	0.10000	0.00000				2			0
164.99	Maltose, Miscellaneous (%)	0227	0.15000	0.00000				2			0
164.99	Maltose, Miscellaneous (%)	0297	0.18250	0.00700				2			1
164.99	Maltose, Miscellaneous (%)	0629	0.65000	0.00000				2			2
164.99	Maltose, Miscellaneous (%)	0148	0.00000	0.00000				2			4
165.99	Sucrose, Miscellaneous (%)	0297	4.9025	0.08100	5.5538	0.50343	0.11683	6	-1.29	6%	0
165.99	Sucrose, Miscellaneous (%)	0629	5.2500	0.10000	5.5538	0.50343	0.11683	6	-0.60	3%	0
165.99	Sucrose, Miscellaneous (%)	0227	5.4650	0.25000	5.5538	0.50343	0.11683	6	-0.18	1%	0
165.99	Sucrose, Miscellaneous (%)	0148	5.7250	0.15000	5.5538	0.50343	0.11683	6	0.34	2%	0
165.99	Sucrose, Miscellaneous (%)	0619	5.8300	0.02000	5.5538	0.50343	0.11683	6	0.55	2%	0
165.99	Sucrose, Miscellaneous (%)	0861	6.1500	0.10000	5.5538	0.50343	0.11683	6	1.18	5%	0
166.99	Raffinose, Miscellaneous (%)	0227	0.41000	0.00000				3			0
166.99	Raffinose, Miscellaneous (%)	0297	0.46200	0.00000				3			0
166.99	Raffinose, Miscellaneous (%)	0619	0.46250	0.01300				3			0
167.99	Stachyose, Miscellaneous (%)	0227	1.1200	0.02000				3			0
167.99	Stachyose, Miscellaneous (%)	0297	1.2650	0.02600				3			0
167.99	Stachyose, Miscellaneous (%)	0619	1.3050	0.03000				3			0
345.00	Amprolium, Colorimetric (mg/kg (ppm))	0036	8.4500	0.10000				1			0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0218	3.6325	0.28300				1			0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0038	0.00000	0.00000				1			4
345.03	Amprolium, LC-MS (mg/kg (ppm))	2053	3.0000	0.00000				1			0
348.06	Bacitracin, LC-MS/MS (mg/kg (ppm))	0218	0.30000	0.00000				1			0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0218	2.5499	0.06350				1			0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0038	3.6300	4.4800				1			0
354.01	Decoquinatate, LC (UV or FL) (mg/kg (ppm))	0038	1.8800	1.3600				2			0
354.01	Decoquinatate, LC (UV or FL) (mg/kg (ppm))	0218	2.4350	0.63000				2			0
354.02	Decoquinatate, LC (mg/kg (ppm))	0047	2.0500	0.50000				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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354.02	Decoquinate, LC (mg/kg (ppm))	0036	2.1000	0.20000				2			0
354.04	Decoquinate, LC-MS/MS (mg/kg (ppm))	0610	1.7050	0.01000				1			0
354.99	Decoquinate, Miscellaneous (mg/kg (ppm))	2127	2.2250	0.71000				1			0
361.02	Lasalocid Sodium, LC (mg/kg (ppm))	0036	1.8000	0.20000				2			0
361.02	Lasalocid Sodium, LC (mg/kg (ppm))	0590	1.9500	0.46000				2			0
361.03	Lasalocid Sodium, LC (UV or FL) (mg/kg (ppm))	0038	1.4650	0.79000				1			0
361.04	Lasalocid Sodium, LC-MS (mg/kg (ppm))	2055	1.0000	0.00000				2			0
361.04	Lasalocid Sodium, LC-MS (mg/kg (ppm))	2053	2.6250	0.03000				2			0
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	0218	1.6400	0.02000	1.8910	0.16184	0.13400	5			0
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	2113	1.8500	0.30000	1.8910	0.16184	0.13400	5			0
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	0553	1.9050	0.09000	1.8910	0.16184	0.13400	5			0
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	0610	2.0050	0.09000	1.8910	0.16184	0.13400	5			0
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	2127	2.0550	0.17000	1.8910	0.16184	0.13400	5			0
365.02	Monensin, LC (mg/kg (ppm))	0905	3.8000	0.80000				1			0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0148	3.9700	0.16000				3			0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0036	4.5500	0.30000				3			0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0028	5.7000	0.20000				3			0
365.04	Monensin, LC-MS (mg/kg (ppm))	0218	4.1600	0.20000				2			0
365.04	Monensin, LC-MS (mg/kg (ppm))	2053	4.6800	0.22000				2			0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0610	3.3600	0.04000	4.9256	1.3457	0.56286	7	-1.16	16%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0619	4.2400	0.00000	4.9256	1.3457	0.56286	7	-0.51	7%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2127	4.5350	0.05000	4.9256	1.3457	0.56286	7	-0.29	4%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0038	4.5500	0.52000	4.9256	1.3457	0.56286	7	-0.28	4%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2113	4.8500	0.30000	4.9256	1.3457	0.56286	7	-0.06	1%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2055	6.0000	2.0000	4.9256	1.3457	0.56286	7	0.80	11%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0553	9.2650	1.0300	4.9256	1.3457	0.56286	7	3.22	44%	0
365.99	Monensin, Miscellaneous (mg/kg (ppm))	0668	4.0700	0.16000				1			0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.53005	0.00590	0.56550	0.02831	0.00504	7	-1.25	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.55250	0.00300	0.56550	0.02831	0.00504	7	-0.46	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.55300	0.01000	0.56550	0.02831	0.00504	7	-0.44	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.56110	0.00040	0.56550	0.02831	0.00504	7	-0.16	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.57095	0.00490	0.56550	0.02831	0.00504	7	0.19	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.58295	0.00010	0.56550	0.02831	0.00504	7	0.62	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2009	0.60950	0.01100	0.56550	0.02831	0.00504	7	1.55	4%	0
400.99	Water Activity, Miscellaneous (Units)	0843	0.52900	0.00000				2			0
400.99	Water Activity, Miscellaneous (Units)	2073	0.66000	0.00000				2			0
412.01	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	33.275	0.19000				1			0
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0171	0.10200	0.02400				2			0
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0045	0.13250	0.00900				2			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.12500	0.01000				2			0
516.52	Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.13200	0.00400				2			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.12650	0.01100	0.17626	0.06252	0.00753	4			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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516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.13800	0.00600	0.17626	0.06252	0.00753	4		0	
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.17605	0.00410	0.17626	0.06252	0.00753	4		0	
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.26450	0.00900	0.17626	0.06252	0.00753	4		0	
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.06000	0.00200				2		0	
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0695	0.24250	0.00300				2		0	
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.07500	0.01000				2		0	
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.08400	0.00400				2		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.07850	0.00500	0.08370	0.00384	0.00775	4		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.08405	0.00710	0.08370	0.00384	0.00775	4		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.08450	0.01100	0.08370	0.00384	0.00775	4		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.08775	0.00790	0.08370	0.00384	0.00775	4		0	
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	2.3740	0.16200				1		0	
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	2.2490	0.01000				2		0	
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	2.2950	0.11000				2		0	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	2.9000	0.28000				1		0	
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.7350	0.07000				1		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	2.1300	0.14000				2		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.3028	0.08820				2		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.05000	0.00000				1		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.11350	0.01300				1		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.08300	0.00200	0.09305	0.01000	0.00865	4		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.08950	0.00800	0.09305	0.01000	0.00865	4		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.09300	0.00400	0.09305	0.01000	0.00865	4		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.10670	0.02060	0.09305	0.01000	0.00865	4		0	
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.9250	0.03000				1		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	2.0933	0.00730				1		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	2161	0.01000	0.00000				1		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.00000	0.00000				1		4	
703.00	Valeric Acid (5:0), Miscellaneous GC (%)	2161	0.01000	0.00000				1		0	
704.00	Caproic Acid (6:0), Miscellaneous GC (%)	2161	0.01000	0.00000				1		0	
704.00	Caproic Acid (6:0), Miscellaneous GC (%)	0619	0.00000	0.00000				1		4	
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.00000	0.00000				0		4	
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	2161	0.00045	0.00010				1		0	
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.00000	0.00000				0		4	
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	2161	0.00040	0.00000				1		0	
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	0619	0.00000	0.00000				0		4	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	0.00150	0.00040				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	2161	0.00435	0.00010				2		0	
714.01	Myristic Acid (14:0), Direct Methylation by Alkali Hydrolysi	0619	0.04450	0.00100				1		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.00340	0.00000				2		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	2161	0.01105	0.00010				2		0	
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi:	0619	0.47300	0.03000				1		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.46330	0.00820				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	2161	1.0361	0.00180				2		0	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.00000	0.00000				0		4	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.00400	0.00000				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.00650	0.00020				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	2161	0.00965	0.00010				3		0	
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	2161	0.00675	0.00010				1		0	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	0.07050	0.00100				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.06755	0.00190				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	2161	0.34410	0.00060				2		0	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0619	0.67250	0.05300				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.62055	0.02470				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	2161	1.4050	0.00100				2		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	2.0100	0.00000				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.4586	0.03730				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	1.7070	0.00200				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	2161	2.8408	0.00460				3		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.08200	0.00200				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0226	0.07215	0.00090				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0676	0.09150	0.00100				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	2161	0.11565	0.00210				3		0	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydrolysi	0619	0.04350	0.00100				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.01065	0.00050				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	2161	0.02810	0.00020				2		0	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr	0619	0.00000	0.00000				0		4	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.00795	0.00050				2		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	2161	0.02100	0.00020				2		0	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	0619	0.00000	0.00000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%	2161	0.00010	0.00000				1		0	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkal	0619	0.00000	0.00000				0		4	
738.99	Mead Acid (11c,14c,17c-20:3), Miscellaneous (% (w/w))	2161	0.00010	0.00000				1		0	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Dir	0619	0.00000	0.00000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	2161	0.00010	0.00000				1		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	0.00000	0.00000				1		4	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.00705	0.00030				2		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	2161	0.01285	0.00010				2		0	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydrol	0619	0.00000	0.00000				0		4	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	2161	0.00010	0.00000				1		0	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	0.00000	0.00000				1		4	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!!	0619	0.00000	0.00000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!!	2161	0.00010	0.00000				1		0	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:!!	0226	0.00000	0.00000				1		4	

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			
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.00885	0.00010				2		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	2161	0.01490	0.00020				2		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0619	0.00000	0.00000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	2161	0.00010	0.00000				1		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	0.00145	0.00290				1		4	
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	0619	0.00000	0.00000				0		4	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	2161	0.00010	0.00000				1		0	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	0.00000	0.00000				1		4	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous	0676	0.09000	0.00000				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous	0676	1.7100	0.00000				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	2.7583	0.07760				1		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.