



**AAFCO**  
Proficiency Testing Program



**Milk Replacer**

**Animal Feed Scheme**

**# Labs Reporting: 200**

**Test Material Code # 201829**

**Method Proficiency Testing Report**

**Issue Date : 10/31/2018**

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	0.60000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	3.6600	0.02000	4.4877	0.47208	0.05757	7	-1.75	9%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	4.3130	0.11800	4.4877	0.47208	0.05757	7	-0.37	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0016	4.4250	0.07000	4.4877	0.47208	0.05757	7	-0.13	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	4.4450	0.09000	4.4877	0.47208	0.05757	7	-0.09	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	4.5465	0.03500	4.4877	0.47208	0.05757	7	0.12	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0861	4.7700	0.02000	4.4877	0.47208	0.05757	7	0.60	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0033	5.1350	0.05000	4.4877	0.47208	0.05757	7	1.37	7%	0
001.02	Loss on Drying, Vac on sand (%)	0874	3.2250	0.21000				2			0
001.02	Loss on Drying, Vac on sand (%)	0676	3.8100	0.10000				2			0
001.03	Loss on Drying, Low temp. methods (%)	0868	2.6550	0.05000	3.8415	0.99826	0.04696	5			0
001.03	Loss on Drying, Low temp. methods (%)	0619	2.8550	0.13000	3.8415	0.99826	0.04696	5			0
001.03	Loss on Drying, Low temp. methods (%)	2062	4.4524	0.00480	3.8415	0.99826	0.04696	5			0
001.03	Loss on Drying, Low temp. methods (%)	0878	4.5450	0.05000	3.8415	0.99826	0.04696	5			0
001.03	Loss on Drying, Low temp. methods (%)	0893	4.7000	0.00000	3.8415	0.99826	0.04696	5			0
001.05	Loss on Drying, LECO (%)	0610	4.4050	0.05000				2			0
001.05	Loss on Drying, LECO (%)	0644	4.8800	0.06000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	3.5000	0.60000	4.6419	0.27207	0.10422	48	-4.20	12%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	3.7200	0.02000	4.6419	0.27207	0.10422	48	-3.39	10%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	3.9000	0.04000	4.6419	0.27207	0.10422	48	-2.73	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	4.2200	0.08000	4.6419	0.27207	0.10422	48	-1.55	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	4.3150	0.01000	4.6419	0.27207	0.10422	48	-1.20	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	4.3400	0.00000	4.6419	0.27207	0.10422	48	-1.11	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	4.3750	0.07000	4.6419	0.27207	0.10422	48	-0.98	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	4.4050	0.03000	4.6419	0.27207	0.10422	48	-0.87	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2195	4.4100	0.02000	4.6419	0.27207	0.10422	48	-0.85	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	4.4150	0.39000	4.6419	0.27207	0.10422	48	-0.83	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	4.4200	0.04000	4.6419	0.27207	0.10422	48	-0.82	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	4.4343	0.05400	4.6419	0.27207	0.10422	48	-0.76	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	4.4350	0.09000	4.6419	0.27207	0.10422	48	-0.76	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0653	4.4600	0.02000	4.6419	0.27207	0.10422	48	-0.67	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	4.4800	0.10000	4.6419	0.27207	0.10422	48	-0.59	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	4.5000	0.60000	4.6419	0.27207	0.10422	48	-0.52	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	4.5000	0.04000	4.6419	0.27207	0.10422	48	-0.52	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	4.5010	0.00000	4.6419	0.27207	0.10422	48	-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	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2188	4.5550	0.01000	4.6419	0.27207	0.10422	48	-0.32	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	4.5900	0.10000	4.6419	0.27207	0.10422	48	-0.19	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	4.6300	0.00000	4.6419	0.27207	0.10422	48	-0.04	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	4.6350	0.03000	4.6419	0.27207	0.10422	48	-0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	4.6500	0.08000	4.6419	0.27207	0.10422	48	0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	4.6600	0.20000	4.6419	0.27207	0.10422	48	0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	4.6750	0.03000	4.6419	0.27207	0.10422	48	0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	4.6750	0.11000	4.6419	0.27207	0.10422	48	0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2145	4.6850	0.01000	4.6419	0.27207	0.10422	48	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	4.7000	0.00000	4.6419	0.27207	0.10422	48	0.21	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	4.7250	0.09000	4.6419	0.27207	0.10422	48	0.31	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	4.7300	0.04000	4.6419	0.27207	0.10422	48	0.32	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	4.7450	0.07000	4.6419	0.27207	0.10422	48	0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	4.7600	0.06000	4.6419	0.27207	0.10422	48	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	4.7600	0.06000	4.6419	0.27207	0.10422	48	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	4.7823	0.00560	4.6419	0.27207	0.10422	48	0.52	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	4.7900	0.04000	4.6419	0.27207	0.10422	48	0.54	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	4.7900	0.56000	4.6419	0.27207	0.10422	48	0.54	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	4.8000	0.00000	4.6419	0.27207	0.10422	48	0.58	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	4.8100	0.02000	4.6419	0.27207	0.10422	48	0.62	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	4.8200	0.02000	4.6419	0.27207	0.10422	48	0.65	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	4.8900	0.12000	4.6419	0.27207	0.10422	48	0.91	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	4.9150	0.03000	4.6419	0.27207	0.10422	48	1.00	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	4.9200	0.14000	4.6419	0.27207	0.10422	48	1.02	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	4.9500	0.02000	4.6419	0.27207	0.10422	48	1.13	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	5.0415	0.26300	4.6419	0.27207	0.10422	48	1.47	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	5.1700	0.32000	4.6419	0.27207	0.10422	48	1.94	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	5.2400	0.12000	4.6419	0.27207	0.10422	48	2.20	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	5.4000	0.24000	4.6419	0.27207	0.10422	48	2.79	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	5.6250	0.01000	4.6419	0.27207	0.10422	48	3.61	11%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	4.4250	0.85000	4.6419	0.27207	0.10422	48	-0.80	2%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	2198	5.4550	0.07000				1			0
001.99	Loss on Drying, Miscellaneous (%)	0618	2.8100	0.02000	5.0202	1.1258	0.18517	21	-1.96	22%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	3.8350	0.07000	5.0202	1.1258	0.18517	21	-1.05	12%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	4.0850	0.49000	5.0202	1.1258	0.18517	21	-0.83	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	4.1050	0.29000	5.0202	1.1258	0.18517	21	-0.81	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0034	4.1250	0.07000	5.0202	1.1258	0.18517	21	-0.80	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	4.5500	0.10000	5.0202	1.1258	0.18517	21	-0.42	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	4.6100	0.10000	5.0202	1.1258	0.18517	21	-0.36	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2126	4.6650	0.01000	5.0202	1.1258	0.18517	21	-0.32	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	4.6751	0.11780	5.0202	1.1258	0.18517	21	-0.31	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	4.6800	0.04000	5.0202	1.1258	0.18517	21	-0.30	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	
001.99	Loss on Drying, Miscellaneous (%)	0656	4.7450	0.05000	5.0202	1.1258	0.18517	21	-0.24	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	4.7500	0.10000	5.0202	1.1258	0.18517	21	-0.24	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	4.7700	0.30000	5.0202	1.1258	0.18517	21	-0.22	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2081	4.8700	0.22000	5.0202	1.1258	0.18517	21	-0.13	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	5.4100	0.40000	5.0202	1.1258	0.18517	21	0.35	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	5.6758	0.14070	5.0202	1.1258	0.18517	21	0.58	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	6.1750	0.17000	5.0202	1.1258	0.18517	21	1.03	12%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	6.2400	0.12000	5.0202	1.1258	0.18517	21	1.08	12%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	7.3250	0.19000	5.0202	1.1258	0.18517	21	2.05	23%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	9.6650	0.11000	5.0202	1.1258	0.18517	21	4.13	46%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	11.590	0.78000	5.0202	1.1258	0.18517	21	5.84	65%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	7.0600	1.5400	5.0202	1.1258	0.18517	21	1.81	20%	1
002.01	Protein, Crude, Auto Kjel-Foss (%)	0685	23.910	0.04000	24.310	0.29561	0.18984	16	-1.35	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2193	23.920	0.06000	24.310	0.29561	0.18984	16	-1.32	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	23.979	0.13900	24.310	0.29561	0.18984	16	-1.12	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0656	24.025	0.15000	24.310	0.29561	0.18984	16	-0.97	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	24.100	0.80000	24.310	0.29561	0.18984	16	-0.71	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2195	24.190	0.14000	24.310	0.29561	0.18984	16	-0.41	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2198	24.285	0.05000	24.310	0.29561	0.18984	16	-0.09	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0652	24.300	0.40000	24.310	0.29561	0.18984	16	-0.03	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0653	24.355	0.07000	24.310	0.29561	0.18984	16	0.15	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	24.460	0.00000	24.310	0.29561	0.18984	16	0.51	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	24.485	0.13000	24.310	0.29561	0.18984	16	0.59	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0152	24.545	0.01000	24.310	0.29561	0.18984	16	0.79	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	24.573	0.55600	24.310	0.29561	0.18984	16	0.89	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0662	24.594	0.06250	24.310	0.29561	0.18984	16	0.96	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	24.595	0.33000	24.310	0.29561	0.18984	16	0.96	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0610	24.650	0.10000	24.310	0.29561	0.18984	16	1.15	1%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0042	24.335	0.11000				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	24.440	0.08000				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0036	24.535	0.26710				3			0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0169	23.140	0.00000				3			2
002.03	Protein, Crude, Hach Method (%)	2128	23.768	0.28300				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0405	24.000	0.00000	24.401	0.33745	0.05750	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0187	24.245	0.03000	24.401	0.33745	0.05750	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0638	24.660	0.02000	24.401	0.33745	0.05750	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	24.700	0.18000	24.401	0.33745	0.05750	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0874	23.130	0.98000	24.401	0.33745	0.05750	4			1
002.05	Protein, Crude, Copper, Boric Acid (%)	0952	20.490	0.28000	24.390	0.50479	0.11232	35	-7.73	8%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	23.115	0.17000	24.390	0.50479	0.11232	35	-2.53	3%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	23.700	0.00000	24.390	0.50479	0.11232	35	-1.37	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	23.808	0.04700	24.390	0.50479	0.11232	35	-1.15	1%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	0674	23.900	0.00000	24.390	0.50479	0.11232	35	-0.97	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	23.905	0.09000	24.390	0.50479	0.11232	35	-0.96	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0683	23.940	0.02000	24.390	0.50479	0.11232	35	-0.89	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	24.020	0.00000	24.390	0.50479	0.11232	35	-0.73	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	24.080	0.18000	24.390	0.50479	0.11232	35	-0.61	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	24.090	0.06000	24.390	0.50479	0.11232	35	-0.60	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0675	24.095	0.21000	24.390	0.50479	0.11232	35	-0.59	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	24.135	0.17000	24.390	0.50479	0.11232	35	-0.51	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2097	24.246	0.03840	24.390	0.50479	0.11232	35	-0.29	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0941	24.250	0.14000	24.390	0.50479	0.11232	35	-0.28	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2062	24.292	0.11200	24.390	0.50479	0.11232	35	-0.19	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2073	24.335	0.21000	24.390	0.50479	0.11232	35	-0.11	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0722	24.379	0.00330	24.390	0.50479	0.11232	35	-0.02	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0868	24.395	0.01000	24.390	0.50479	0.11232	35	0.01	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0893	24.400	0.00000	24.390	0.50479	0.11232	35	0.02	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	24.400	0.18000	24.390	0.50479	0.11232	35	0.02	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0849	24.420	0.01900	24.390	0.50479	0.11232	35	0.06	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	24.536	0.04640	24.390	0.50479	0.11232	35	0.29	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	24.550	0.30000	24.390	0.50479	0.11232	35	0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2145	24.550	0.12000	24.390	0.50479	0.11232	35	0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	24.575	0.01000	24.390	0.50479	0.11232	35	0.37	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0897	24.610	0.02000	24.390	0.50479	0.11232	35	0.44	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0955	24.650	0.10000	24.390	0.50479	0.11232	35	0.51	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0878	24.705	0.03000	24.390	0.50479	0.11232	35	0.62	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	24.841	0.01500	24.390	0.50479	0.11232	35	0.89	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	24.950	0.30000	24.390	0.50479	0.11232	35	1.11	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	25.050	0.50000	24.390	0.50479	0.11232	35	1.31	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	25.160	0.08000	24.390	0.50479	0.11232	35	1.52	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	25.485	0.19000	24.390	0.50479	0.11232	35	2.17	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2012	25.665	0.09000	24.390	0.50479	0.11232	35	2.53	3%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0623	26.505	0.19000	24.390	0.50479	0.11232	35	4.19	4%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	24.345	0.65000	24.390	0.50479	0.11232	35	-0.09	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	23.650	0.30000	24.854	0.34317	0.21570	126	-3.51	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	23.650	0.10000	24.854	0.34317	0.21570	126	-3.51	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0581	24.085	1.0500	24.854	0.34317	0.21570	126	-2.24	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0720	24.250	0.16000	24.854	0.34317	0.21570	126	-1.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	24.375	0.51000	24.854	0.34317	0.21570	126	-1.40	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	24.410	0.42000	24.854	0.34317	0.21570	126	-1.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0032	24.435	0.09600	24.854	0.34317	0.21570	126	-1.22	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	24.465	0.66600	24.854	0.34317	0.21570	126	-1.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	24.468	0.04300	24.854	0.34317	0.21570	126	-1.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	24.470	0.26000	24.854	0.34317	0.21570	126	-1.12	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0546	24.478	0.07600	24.854	0.34317	0.21570	126	-1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	24.480	0.08900	24.854	0.34317	0.21570	126	-1.09	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	24.485	0.01000	24.854	0.34317	0.21570	126	-1.08	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	24.490	0.10000	24.854	0.34317	0.21570	126	-1.06	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	24.500	0.00000	24.854	0.34317	0.21570	126	-1.03	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	24.505	0.19000	24.854	0.34317	0.21570	126	-1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	24.505	0.37000	24.854	0.34317	0.21570	126	-1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	24.510	0.02000	24.854	0.34317	0.21570	126	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0592	24.535	0.09000	24.854	0.34317	0.21570	126	-0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2006	24.535	0.03000	24.854	0.34317	0.21570	126	-0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	24.540	0.72000	24.854	0.34317	0.21570	126	-0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0613	24.555	0.37000	24.854	0.34317	0.21570	126	-0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0139	24.565	0.07000	24.854	0.34317	0.21570	126	-0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0205	24.570	0.54000	24.854	0.34317	0.21570	126	-0.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	24.573	0.09100	24.854	0.34317	0.21570	126	-0.82	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	24.575	0.15000	24.854	0.34317	0.21570	126	-0.81	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	24.575	0.03000	24.854	0.34317	0.21570	126	-0.81	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0175	24.600	0.20000	24.854	0.34317	0.21570	126	-0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	24.600	0.20000	24.854	0.34317	0.21570	126	-0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	24.605	0.21000	24.854	0.34317	0.21570	126	-0.73	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	24.613	0.31300	24.854	0.34317	0.21570	126	-0.70	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	24.614	0.05500	24.854	0.34317	0.21570	126	-0.70	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	24.645	0.25000	24.854	0.34317	0.21570	126	-0.61	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	24.645	0.01000	24.854	0.34317	0.21570	126	-0.61	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	24.650	0.30000	24.854	0.34317	0.21570	126	-0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0955	24.650	0.30000	24.854	0.34317	0.21570	126	-0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	24.655	0.73000	24.854	0.34317	0.21570	126	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0108	24.655	0.63000	24.854	0.34317	0.21570	126	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	24.665	0.23000	24.854	0.34317	0.21570	126	-0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0857	24.685	0.15000	24.854	0.34317	0.21570	126	-0.49	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	24.693	0.51900	24.854	0.34317	0.21570	126	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	24.695	0.07000	24.854	0.34317	0.21570	126	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0089	24.695	0.01000	24.854	0.34317	0.21570	126	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	24.700	0.00000	24.854	0.34317	0.21570	126	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0868	24.700	0.08000	24.854	0.34317	0.21570	126	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0590	24.710	0.14000	24.854	0.34317	0.21570	126	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	24.715	0.35000	24.854	0.34317	0.21570	126	-0.41	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0233	24.720	0.08000	24.854	0.34317	0.21570	126	-0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	24.720	0.00000	24.854	0.34317	0.21570	126	-0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	24.725	0.01000	24.854	0.34317	0.21570	126	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	24.740	0.68000	24.854	0.34317	0.21570	126	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	24.749	0.35300	24.854	0.34317	0.21570	126	-0.31	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 (%)	0164	24.750	0.00000	24.854	0.34317	0.21570	126	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	24.750	0.30000	24.854	0.34317	0.21570	126	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	24.750	0.06000	24.854	0.34317	0.21570	126	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	24.750	0.02000	24.854	0.34317	0.21570	126	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	24.751	0.25600	24.854	0.34317	0.21570	126	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0028	24.760	0.20000	24.854	0.34317	0.21570	126	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	24.760	0.74000	24.854	0.34317	0.21570	126	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	24.765	0.27000	24.854	0.34317	0.21570	126	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	24.767	0.04000	24.854	0.34317	0.21570	126	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	24.770	0.10200	24.854	0.34317	0.21570	126	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2081	24.795	0.51000	24.854	0.34317	0.21570	126	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	24.805	0.17000	24.854	0.34317	0.21570	126	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	24.805	0.05000	24.854	0.34317	0.21570	126	-0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0011	24.810	0.14000	24.854	0.34317	0.21570	126	-0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	24.825	0.05000	24.854	0.34317	0.21570	126	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	24.840	0.38000	24.854	0.34317	0.21570	126	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	24.845	0.07000	24.854	0.34317	0.21570	126	-0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	24.850	0.10000	24.854	0.34317	0.21570	126	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	24.850	0.06000	24.854	0.34317	0.21570	126	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0610	24.850	0.30000	24.854	0.34317	0.21570	126	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	24.850	0.30000	24.854	0.34317	0.21570	126	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2053	24.860	0.12000	24.854	0.34317	0.21570	126	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	24.875	0.12500	24.854	0.34317	0.21570	126	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	24.877	0.11380	24.854	0.34317	0.21570	126	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	24.880	0.36000	24.854	0.34317	0.21570	126	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	24.881	0.11880	24.854	0.34317	0.21570	126	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	24.900	0.20000	24.854	0.34317	0.21570	126	0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	24.900	0.60000	24.854	0.34317	0.21570	126	0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	24.900	0.40000	24.854	0.34317	0.21570	126	0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	24.915	0.05000	24.854	0.34317	0.21570	126	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2075	24.920	0.46000	24.854	0.34317	0.21570	126	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	24.950	0.30000	24.854	0.34317	0.21570	126	0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2066	24.950	0.70000	24.854	0.34317	0.21570	126	0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	24.955	0.03000	24.854	0.34317	0.21570	126	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	24.960	0.06000	24.854	0.34317	0.21570	126	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0861	24.960	0.18000	24.854	0.34317	0.21570	126	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	25.035	0.19000	24.854	0.34317	0.21570	126	0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0695	25.035	0.05600	24.854	0.34317	0.21570	126	0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0630	25.040	0.10000	24.854	0.34317	0.21570	126	0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	25.050	0.10000	24.854	0.34317	0.21570	126	0.57	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	25.075	0.05000	24.854	0.34317	0.21570	126	0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0014	25.100	0.40000	24.854	0.34317	0.21570	126	0.72	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	25.102	0.11400	24.854	0.34317	0.21570	126	0.72	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	25.105	0.07000	24.854	0.34317	0.21570	126	0.73	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	25.120	0.06000	24.854	0.34317	0.21570	126	0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	25.127	0.26500	24.854	0.34317	0.21570	126	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	25.135	0.05000	24.854	0.34317	0.21570	126	0.82	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0872	25.173	0.40500	24.854	0.34317	0.21570	126	0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	25.175	0.19000	24.854	0.34317	0.21570	126	0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0038	25.203	0.49400	24.854	0.34317	0.21570	126	1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	25.215	0.11000	24.854	0.34317	0.21570	126	1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2126	25.230	0.02000	24.854	0.34317	0.21570	126	1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	25.250	0.30000	24.854	0.34317	0.21570	126	1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2215	25.285	0.01000	24.854	0.34317	0.21570	126	1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0859	25.287	0.17000	24.854	0.34317	0.21570	126	1.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	25.295	0.07000	24.854	0.34317	0.21570	126	1.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0229	25.300	0.04000	24.854	0.34317	0.21570	126	1.30	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	25.300	0.28000	24.854	0.34317	0.21570	126	1.30	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	25.310	0.10000	24.854	0.34317	0.21570	126	1.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	25.350	0.18000	24.854	0.34317	0.21570	126	1.44	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0015	25.360	0.08000	24.854	0.34317	0.21570	126	1.47	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	25.400	0.00000	24.854	0.34317	0.21570	126	1.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	25.402	0.01700	24.854	0.34317	0.21570	126	1.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	25.450	0.30000	24.854	0.34317	0.21570	126	1.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	25.510	0.08850	24.854	0.34317	0.21570	126	1.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	25.510	0.60000	24.854	0.34317	0.21570	126	1.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	25.526	0.04240	24.854	0.34317	0.21570	126	1.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0160	25.600	0.20000	24.854	0.34317	0.21570	126	2.17	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0646	25.605	0.17000	24.854	0.34317	0.21570	126	2.19	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	25.715	0.03000	24.854	0.34317	0.21570	126	2.51	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0033	25.750	0.30000	24.854	0.34317	0.21570	126	2.61	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2012	25.810	0.06000	24.854	0.34317	0.21570	126	2.79	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	26.730	0.24000	24.854	0.34317	0.21570	126	5.47	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0612	26.815	0.87000	24.854	0.34317	0.21570	126	5.71	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	24.645	1.2500	24.854	0.34317	0.21570	126	-0.61	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	25.389	1.1530	24.854	0.34317	0.21570	126	1.56	1%	1
002.08	Protein, Crude, Cu/Ti (%)	0098	24.185	0.31000				1			0
002.11	Protein, Crude, NIR (%)	0852	22.705	0.13000				3			0
002.11	Protein, Crude, NIR (%)	0297	23.625	0.07000				3			0
002.11	Protein, Crude, NIR (%)	2128	25.243	0.02400				3			0
002.11	Protein, Crude, NIR (%)	2105	21.210	9.8200				3			1
002.99	Protein, Crude, Miscellaneous (%)	2144	24.425	0.07000				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	4.8000	0.20000	9.9668	6.9166	0.15768	6	-0.75	26%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	5.4250	0.21000	9.9668	6.9166	0.15768	6	-0.66	23%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	6.0906	0.34610	9.9668	6.9166	0.15768	6	-0.56	19%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0152	8.2000	0.06000	9.9668	6.9166	0.15768	6	-0.26	9%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0032	16.480	0.02000	9.9668	6.9166	0.15768	6	0.94	33%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	18.805	0.11000	9.9668	6.9166	0.15768	6	1.28	44%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	16.225	0.47000				1			0
003.06	Fat, Crude, Pet Ether (%)	0229	4.3790	0.06200	7.3270	3.3096	0.27140	15	-0.89	20%	0
003.06	Fat, Crude, Pet Ether (%)	0297	4.5900	0.08000	7.3270	3.3096	0.27140	15	-0.83	19%	0
003.06	Fat, Crude, Pet Ether (%)	0884	4.9000	0.00000	7.3270	3.3096	0.27140	15	-0.73	17%	0
003.06	Fat, Crude, Pet Ether (%)	0689	5.0000	0.00000	7.3270	3.3096	0.27140	15	-0.70	16%	0
003.06	Fat, Crude, Pet Ether (%)	0511	5.2500	0.10000	7.3270	3.3096	0.27140	15	-0.63	14%	0
003.06	Fat, Crude, Pet Ether (%)	0849	5.4050	0.05000	7.3270	3.3096	0.27140	15	-0.58	13%	0
003.06	Fat, Crude, Pet Ether (%)	0083	5.9850	0.19000	7.3270	3.3096	0.27140	15	-0.41	9%	0
003.06	Fat, Crude, Pet Ether (%)	0644	6.3415	0.02900	7.3270	3.3096	0.27140	15	-0.30	7%	0
003.06	Fat, Crude, Pet Ether (%)	0294	6.3850	0.03000	7.3270	3.3096	0.27140	15	-0.28	6%	0
003.06	Fat, Crude, Pet Ether (%)	0918	7.3800	0.88000	7.3270	3.3096	0.27140	15	0.02	0%	0
003.06	Fat, Crude, Pet Ether (%)	0910	7.6250	0.95000	7.3270	3.3096	0.27140	15	0.09	2%	0
003.06	Fat, Crude, Pet Ether (%)	0164	9.7900	0.40000	7.3270	3.3096	0.27140	15	0.74	17%	0
003.06	Fat, Crude, Pet Ether (%)	0425	14.780	0.06000	7.3270	3.3096	0.27140	15	2.25	51%	0
003.06	Fat, Crude, Pet Ether (%)	0169	18.030	1.2400	7.3270	3.3096	0.27140	15	3.23	73%	0
003.06	Fat, Crude, Pet Ether (%)	0682	18.120	0.00000	7.3270	3.3096	0.27140	15	3.26	74%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0638	7.3500	0.50000	9.8880	2.6811	0.09828	10	-0.95	13%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	7.8604	0.08550	9.8880	2.6811	0.09828	10	-0.76	10%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	7.8900	0.18000	9.8880	2.6811	0.09828	10	-0.75	10%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	8.3150	0.01000	9.8880	2.6811	0.09828	10	-0.59	8%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0226	9.5500	0.04000	9.8880	2.6811	0.09828	10	-0.13	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	9.5700	0.00000	9.8880	2.6811	0.09828	10	-0.12	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0722	9.7904	0.00730	9.8880	2.6811	0.09828	10	-0.04	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0675	10.735	0.09000	9.8880	2.6811	0.09828	10	0.32	4%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0674	18.310	0.00000	9.8880	2.6811	0.09828	10	3.14	43%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0630	19.535	0.07000	9.8880	2.6811	0.09828	10	3.60	49%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	20.200	1.2000	9.8880	2.6811	0.09828	10	3.85	52%	1
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	3.6350	0.03000	5.0942	1.2595	0.21833	26	-1.16	14%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	3.6800	0.46000	5.0942	1.2595	0.21833	26	-1.12	14%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0553	3.7950	0.71000	5.0942	1.2595	0.21833	26	-1.03	13%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	3.8650	0.31000	5.0942	1.2595	0.21833	26	-0.98	12%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	4.1475	0.14850	5.0942	1.2595	0.21833	26	-0.75	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	4.1850	0.01000	5.0942	1.2595	0.21833	26	-0.72	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	4.3000	0.14000	5.0942	1.2595	0.21833	26	-0.63	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	4.3400	0.04000	5.0942	1.2595	0.21833	26	-0.60	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	4.3400	0.00000	5.0942	1.2595	0.21833	26	-0.60	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	4.5535	0.50900	5.0942	1.2595	0.21833	26	-0.43	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	4.5550	0.01000	5.0942	1.2595	0.21833	26	-0.43	5%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	4.8050	0.26000	5.0942	1.2595	0.21833	26	-0.23	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0233	4.8350	0.01000	5.0942	1.2595	0.21833	26	-0.21	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2073	4.9300	0.04000	5.0942	1.2595	0.21833	26	-0.13	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	5.0500	0.30000	5.0942	1.2595	0.21833	26	-0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	5.0835	0.06500	5.0942	1.2595	0.21833	26	-0.01	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	5.1750	0.11000	5.0942	1.2595	0.21833	26	0.06	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	5.1950	0.11000	5.0942	1.2595	0.21833	26	0.08	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	5.2139	0.03380	5.0942	1.2595	0.21833	26	0.10	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0720	5.8750	0.25000	5.0942	1.2595	0.21833	26	0.62	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	5.9726	0.13240	5.0942	1.2595	0.21833	26	0.70	9%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	9.0050	0.35000	5.0942	1.2595	0.21833	26	3.11	38%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0695	14.634	0.96800	5.0942	1.2595	0.21833	26	7.57	94%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	18.785	0.53000	5.0942	1.2595	0.21833	26	10.87	134%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2195	19.180	0.00000	5.0942	1.2595	0.21833	26	11.18	138%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0952	21.755	0.15000	5.0942	1.2595	0.21833	26	13.23	164%	0
003.11	Fat, Crude, NIR (%)	0297	18.500	0.00000	21.566	2.8031	0.13080	5			0
003.11	Fat, Crude, NIR (%)	0405	19.810	0.00000	21.566	2.8031	0.13080	5			0
003.11	Fat, Crude, NIR (%)	2105	21.045	0.15000	21.566	2.8031	0.13080	5			0
003.11	Fat, Crude, NIR (%)	2128	22.757	0.26400	21.566	2.8031	0.13080	5			0
003.11	Fat, Crude, NIR (%)	0852	25.720	0.24000	21.566	2.8031	0.13080	5			0
003.12	Fat, Crude, Hexane Ext (%)	2199	5.9000	0.20000	10.188	5.7560	0.07600	4			0
003.12	Fat, Crude, Hexane Ext (%)	0893	6.6300	0.00000	10.188	5.7560	0.07600	4			0
003.12	Fat, Crude, Hexane Ext (%)	0171	9.7750	0.03000	10.188	5.7560	0.07600	4			0
003.12	Fat, Crude, Hexane Ext (%)	2062	18.445	0.07400	10.188	5.7560	0.07600	4			0
003.12	Fat, Crude, Hexane Ext (%)	2200	5.6500	0.50000	10.188	5.7560	0.07600	4			1
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	4.8400	0.02000				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	5.2355	0.03040				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0205	6.7450	0.05000				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	6.1450	0.29000				3			1
003.14	Fat, Crude, Ankom (%)	0948	8.4550	0.09000	11.357	1.8598	0.32966	38	-1.56	13%	0
003.14	Fat, Crude, Ankom (%)	0144	8.6400	0.02000	11.357	1.8598	0.32966	38	-1.46	12%	0
003.14	Fat, Crude, Ankom (%)	2075	9.5050	0.07000	11.357	1.8598	0.32966	38	-1.00	8%	0
003.14	Fat, Crude, Ankom (%)	0186	9.5200	0.20000	11.357	1.8598	0.32966	38	-0.99	8%	0
003.14	Fat, Crude, Ankom (%)	0202	9.5880	0.66600	11.357	1.8598	0.32966	38	-0.95	8%	0
003.14	Fat, Crude, Ankom (%)	0089	10.045	0.05000	11.357	1.8598	0.32966	38	-0.71	6%	0
003.14	Fat, Crude, Ankom (%)	0066	10.110	0.22000	11.357	1.8598	0.32966	38	-0.67	5%	0
003.14	Fat, Crude, Ankom (%)	0108	10.165	0.37000	11.357	1.8598	0.32966	38	-0.64	5%	0
003.14	Fat, Crude, Ankom (%)	0853	10.200	0.20000	11.357	1.8598	0.32966	38	-0.62	5%	0
003.14	Fat, Crude, Ankom (%)	0598	10.225	0.53000	11.357	1.8598	0.32966	38	-0.61	5%	0
003.14	Fat, Crude, Ankom (%)	0148	10.275	0.01000	11.357	1.8598	0.32966	38	-0.58	5%	0
003.14	Fat, Crude, Ankom (%)	2129	10.325	0.24230	11.357	1.8598	0.32966	38	-0.55	5%	0
003.14	Fat, Crude, Ankom (%)	0407	10.528	0.26050	11.357	1.8598	0.32966	38	-0.45	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	
003.14	Fat, Crude, Ankom (%)	0358	10.535	0.97000	11.357	1.8598	0.32966	38	-0.44	4%	0
003.14	Fat, Crude, Ankom (%)	0520	10.545	0.73000	11.357	1.8598	0.32966	38	-0.44	4%	0
003.14	Fat, Crude, Ankom (%)	0581	10.555	0.07000	11.357	1.8598	0.32966	38	-0.43	4%	0
003.14	Fat, Crude, Ankom (%)	0692	10.600	1.6000	11.357	1.8598	0.32966	38	-0.41	3%	0
003.14	Fat, Crude, Ankom (%)	0878	10.755	0.07000	11.357	1.8598	0.32966	38	-0.32	3%	0
003.14	Fat, Crude, Ankom (%)	0265	10.850	0.10000	11.357	1.8598	0.32966	38	-0.27	2%	0
003.14	Fat, Crude, Ankom (%)	0229	10.960	0.06000	11.357	1.8598	0.32966	38	-0.21	2%	0
003.14	Fat, Crude, Ankom (%)	2076	11.068	0.02940	11.357	1.8598	0.32966	38	-0.16	1%	0
003.14	Fat, Crude, Ankom (%)	0955	11.100	0.40000	11.357	1.8598	0.32966	38	-0.14	1%	0
003.14	Fat, Crude, Ankom (%)	2057	11.110	0.22000	11.357	1.8598	0.32966	38	-0.13	1%	0
003.14	Fat, Crude, Ankom (%)	0034	11.245	0.77000	11.357	1.8598	0.32966	38	-0.06	0%	0
003.14	Fat, Crude, Ankom (%)	0037	11.450	0.08000	11.357	1.8598	0.32966	38	0.05	0%	0
003.14	Fat, Crude, Ankom (%)	0956	11.750	0.90000	11.357	1.8598	0.32966	38	0.21	2%	0
003.14	Fat, Crude, Ankom (%)	0003	12.055	1.3700	11.357	1.8598	0.32966	38	0.38	3%	0
003.14	Fat, Crude, Ankom (%)	0968	12.202	0.25900	11.357	1.8598	0.32966	38	0.45	4%	0
003.14	Fat, Crude, Ankom (%)	0049	12.435	0.27000	11.357	1.8598	0.32966	38	0.58	5%	0
003.14	Fat, Crude, Ankom (%)	0357	12.550	0.50000	11.357	1.8598	0.32966	38	0.64	5%	0
003.14	Fat, Crude, Ankom (%)	0848	13.620	0.14000	11.357	1.8598	0.32966	38	1.22	10%	0
003.14	Fat, Crude, Ankom (%)	0278	13.850	0.10000	11.357	1.8598	0.32966	38	1.34	11%	0
003.14	Fat, Crude, Ankom (%)	0574	13.895	0.03000	11.357	1.8598	0.32966	38	1.36	11%	0
003.14	Fat, Crude, Ankom (%)	0726	15.845	0.01000	11.357	1.8598	0.32966	38	2.41	20%	0
003.14	Fat, Crude, Ankom (%)	0843	16.605	0.85000	11.357	1.8598	0.32966	38	2.82	23%	0
003.14	Fat, Crude, Ankom (%)	0682	16.940	0.00000	11.357	1.8598	0.32966	38	3.00	25%	0
003.14	Fat, Crude, Ankom (%)	0190	17.935	0.03000	11.357	1.8598	0.32966	38	3.54	29%	0
003.14	Fat, Crude, Ankom (%)	0656	20.070	0.04000	11.357	1.8598	0.32966	38	4.68	38%	0
003.14	Fat, Crude, Ankom (%)	0876	11.350	2.2800	11.357	1.8598	0.32966	38	0.00	0%	1
003.99	Fat, Crude, Miscellaneous (%)	0880	3.6000	0.60000	16.725	3.2616	0.16571	7	-4.02	39%	0
003.99	Fat, Crude, Miscellaneous (%)	0536	14.415	0.25000	16.725	3.2616	0.16571	7	-0.71	7%	0
003.99	Fat, Crude, Miscellaneous (%)	2188	16.400	0.00000	16.725	3.2616	0.16571	7	-0.10	1%	0
003.99	Fat, Crude, Miscellaneous (%)	0941	16.515	0.25000	16.725	3.2616	0.16571	7	-0.06	1%	0
003.99	Fat, Crude, Miscellaneous (%)	0939	18.910	0.02000	16.725	3.2616	0.16571	7	0.67	7%	0
003.99	Fat, Crude, Miscellaneous (%)	0546	19.370	0.02000	16.725	3.2616	0.16571	7	0.81	8%	0
003.99	Fat, Crude, Miscellaneous (%)	2144	19.630	0.02000	16.725	3.2616	0.16571	7	0.89	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	0.08000	0.02000	0.35387	0.25005	0.05660	8	-1.10	39%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	0.15700	0.04280	0.35387	0.25005	0.05660	8	-0.79	28%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	0.20000	0.04000	0.35387	0.25005	0.05660	8	-0.62	22%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	0.25000	0.02000	0.35387	0.25005	0.05660	8	-0.42	15%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	0.41500	0.13000	0.35387	0.25005	0.05660	8	0.24	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	0.45000	0.10000	0.35387	0.25005	0.05660	8	0.38	14%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	0.55000	0.10000	0.35387	0.25005	0.05660	8	0.78	28%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	1.3200	0.00000	0.35387	0.25005	0.05660	8	3.86	137%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	21.180	0.14000	0.35387	0.25005	0.05660	8	83.29	2943%	2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.00	Fiber, Crude, Asbestos Free (%)	0164	< 0.2		0.35387	0.25005	0.05660	8			5
004.00	Fiber, Crude, Asbestos Free (%)	0169	< 0.2		0.35387	0.25005	0.05660	8			5
004.03	Fiber, Crude, Fritted Glass (%)	2089	0.08000	0.00000				2			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	0.08500	0.05000				2			0
004.06	Fiber, Crude, Fibertec (%)	0675	0.01000	0.00000	0.21657	0.18352	0.02847	12	-1.13	48%	0
004.06	Fiber, Crude, Fibertec (%)	0720	0.04500	0.01000	0.21657	0.18352	0.02847	12	-0.93	40%	0
004.06	Fiber, Crude, Fibertec (%)	2198	0.05500	0.01000	0.21657	0.18352	0.02847	12	-0.88	37%	0
004.06	Fiber, Crude, Fibertec (%)	2006	0.07500	0.01000	0.21657	0.18352	0.02847	12	-0.77	33%	0
004.06	Fiber, Crude, Fibertec (%)	0638	0.15000	0.10000	0.21657	0.18352	0.02847	12	-0.36	15%	0
004.06	Fiber, Crude, Fibertec (%)	0948	0.17500	0.01000	0.21657	0.18352	0.02847	12	-0.23	10%	0
004.06	Fiber, Crude, Fibertec (%)	0893	0.23000	0.00000	0.21657	0.18352	0.02847	12	0.07	3%	0
004.06	Fiber, Crude, Fibertec (%)	0968	0.24700	0.13200	0.21657	0.18352	0.02847	12	0.17	7%	0
004.06	Fiber, Crude, Fibertec (%)	0676	0.30000	0.04000	0.21657	0.18352	0.02847	12	0.45	19%	0
004.06	Fiber, Crude, Fibertec (%)	2022	0.36000	0.02000	0.21657	0.18352	0.02847	12	0.78	33%	0
004.06	Fiber, Crude, Fibertec (%)	0674	0.46000	0.00000	0.21657	0.18352	0.02847	12	1.33	56%	0
004.06	Fiber, Crude, Fibertec (%)	0722	1.1137	0.00960	0.21657	0.18352	0.02847	12	4.89	207%	0
004.06	Fiber, Crude, Fibertec (%)	0205	0.40000	0.32000	0.21657	0.18352	0.02847	12	1.00	42%	1
004.07	Fiber, Crude, ANKOM (%)	0553	0.10000	0.08000	0.44053	0.30408	0.07797	24	-1.12	39%	0
004.07	Fiber, Crude, ANKOM (%)	0626	0.14500	0.07000	0.44053	0.30408	0.07797	24	-0.97	34%	0
004.07	Fiber, Crude, ANKOM (%)	0278	0.15000	0.10000	0.44053	0.30408	0.07797	24	-0.96	33%	0
004.07	Fiber, Crude, ANKOM (%)	0297	0.15500	0.05000	0.44053	0.30408	0.07797	24	-0.94	32%	0
004.07	Fiber, Crude, ANKOM (%)	0682	0.20000	0.00000	0.44053	0.30408	0.07797	24	-0.79	27%	0
004.07	Fiber, Crude, ANKOM (%)	0848	0.20000	0.00000	0.44053	0.30408	0.07797	24	-0.79	27%	0
004.07	Fiber, Crude, ANKOM (%)	0948	0.21000	0.08000	0.44053	0.30408	0.07797	24	-0.76	26%	0
004.07	Fiber, Crude, ANKOM (%)	0083	0.21500	0.01000	0.44053	0.30408	0.07797	24	-0.74	26%	0
004.07	Fiber, Crude, ANKOM (%)	0708	0.24000	0.06000	0.44053	0.30408	0.07797	24	-0.66	23%	0
004.07	Fiber, Crude, ANKOM (%)	0100	0.32000	0.06000	0.44053	0.30408	0.07797	24	-0.40	14%	0
004.07	Fiber, Crude, ANKOM (%)	0968	0.33050	0.00700	0.44053	0.30408	0.07797	24	-0.36	12%	0
004.07	Fiber, Crude, ANKOM (%)	0520	0.35000	0.10000	0.44053	0.30408	0.07797	24	-0.30	10%	0
004.07	Fiber, Crude, ANKOM (%)	0190	0.40000	0.20000	0.44053	0.30408	0.07797	24	-0.13	5%	0
004.07	Fiber, Crude, ANKOM (%)	0354	0.43500	0.01000	0.44053	0.30408	0.07797	24	-0.02	1%	0
004.07	Fiber, Crude, ANKOM (%)	0581	0.45000	0.10000	0.44053	0.30408	0.07797	24	0.03	1%	0
004.07	Fiber, Crude, ANKOM (%)	0849	0.48500	0.07000	0.44053	0.30408	0.07797	24	0.15	5%	0
004.07	Fiber, Crude, ANKOM (%)	0407	0.55885	0.00430	0.44053	0.30408	0.07797	24	0.39	13%	0
004.07	Fiber, Crude, ANKOM (%)	0692	0.70000	0.00000	0.44053	0.30408	0.07797	24	0.85	29%	0
004.07	Fiber, Crude, ANKOM (%)	0956	0.70000	0.20000	0.44053	0.30408	0.07797	24	0.85	29%	0
004.07	Fiber, Crude, ANKOM (%)	0643	0.77000	0.00000	0.44053	0.30408	0.07797	24	1.08	37%	0
004.07	Fiber, Crude, ANKOM (%)	0598	0.78000	0.20000	0.44053	0.30408	0.07797	24	1.12	39%	0
004.07	Fiber, Crude, ANKOM (%)	0089	0.88500	0.03000	0.44053	0.30408	0.07797	24	1.46	50%	0
004.07	Fiber, Crude, ANKOM (%)	2109	1.0650	0.25000	0.44053	0.30408	0.07797	24	2.05	71%	0
004.07	Fiber, Crude, ANKOM (%)	2188	1.1550	0.19000	0.44053	0.30408	0.07797	24	2.35	81%	0
004.07	Fiber, Crude, ANKOM (%)	0042	0.00000	0.00000	0.44053	0.30408	0.07797	24			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			
004.07	Fiber, Crude, ANKOM (%)	0144	0.00000	0.00000	0.44053	0.30408	0.07797	24			4
004.07	Fiber, Crude, ANKOM (%)	0656	0.02500	0.05000	0.44053	0.30408	0.07797	24			4
004.07	Fiber, Crude, ANKOM (%)	0265	< 0.1		0.44053	0.30408	0.07797	24			5
004.11	Fiber, Crude, NIR (%)	0405	2.2500	0.00000				1			0
004.99	Fiber, Crude, Miscellaneous (%)	2146	0.33000	0.04000				1			0
005.00	Ash, 2h @ 600°C (%)	0045	7.9550	0.19000	8.4381	0.11857	0.06194	90	-4.07	3%	0
005.00	Ash, 2h @ 600°C (%)	2200	8.0000	0.20000	8.4381	0.11857	0.06194	90	-3.70	3%	0
005.00	Ash, 2h @ 600°C (%)	0874	8.0300	0.02000	8.4381	0.11857	0.06194	90	-3.44	2%	0
005.00	Ash, 2h @ 600°C (%)	0186	8.1500	0.02000	8.4381	0.11857	0.06194	90	-2.43	2%	0
005.00	Ash, 2h @ 600°C (%)	0083	8.2250	0.13000	8.4381	0.11857	0.06194	90	-1.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	8.2300	0.14000	8.4381	0.11857	0.06194	90	-1.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	8.2400	0.02000	8.4381	0.11857	0.06194	90	-1.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0853	8.2500	0.10000	8.4381	0.11857	0.06194	90	-1.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	8.2650	0.03000	8.4381	0.11857	0.06194	90	-1.46	1%	0
005.00	Ash, 2h @ 600°C (%)	2097	8.2856	0.01070	8.4381	0.11857	0.06194	90	-1.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	8.2900	0.28000	8.4381	0.11857	0.06194	90	-1.25	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.3000	0.00000	8.4381	0.11857	0.06194	90	-1.16	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	8.3150	0.05000	8.4381	0.11857	0.06194	90	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0169	8.3250	0.01000	8.4381	0.11857	0.06194	90	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	8.3350	0.03000	8.4381	0.11857	0.06194	90	-0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	8.3400	0.10000	8.4381	0.11857	0.06194	90	-0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0034	8.3440	0.20200	8.4381	0.11857	0.06194	90	-0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	8.3450	0.03000	8.4381	0.11857	0.06194	90	-0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	8.3500	0.04000	8.4381	0.11857	0.06194	90	-0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	8.3500	0.06000	8.4381	0.11857	0.06194	90	-0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0623	8.3550	0.07400	8.4381	0.11857	0.06194	90	-0.70	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	8.3552	0.14010	8.4381	0.11857	0.06194	90	-0.70	0%	0
005.00	Ash, 2h @ 600°C (%)	0004	8.3600	0.04000	8.4381	0.11857	0.06194	90	-0.66	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	8.3650	0.15000	8.4381	0.11857	0.06194	90	-0.62	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	8.3700	0.02000	8.4381	0.11857	0.06194	90	-0.57	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	8.3769	0.00980	8.4381	0.11857	0.06194	90	-0.52	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	8.3800	0.06000	8.4381	0.11857	0.06194	90	-0.49	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	8.3800	0.00000	8.4381	0.11857	0.06194	90	-0.49	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	8.3830	0.07800	8.4381	0.11857	0.06194	90	-0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	8.3918	0.02510	8.4381	0.11857	0.06194	90	-0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0139	8.3950	0.01000	8.4381	0.11857	0.06194	90	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	8.3950	0.01000	8.4381	0.11857	0.06194	90	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	8.3950	0.07000	8.4381	0.11857	0.06194	90	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	8.4000	0.06000	8.4381	0.11857	0.06194	90	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	8.4000	0.00000	8.4381	0.11857	0.06194	90	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	8.4000	0.18000	8.4381	0.11857	0.06194	90	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	2195	8.4000	0.02000	8.4381	0.11857	0.06194	90	-0.32	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 (%)	2199	8.4000	0.00000	8.4381	0.11857	0.06194	90	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	8.4050	0.01000	8.4381	0.11857	0.06194	90	-0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0581	8.4150	0.07000	8.4381	0.11857	0.06194	90	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	8.4200	0.02000	8.4381	0.11857	0.06194	90	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	8.4200	0.16000	8.4381	0.11857	0.06194	90	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	8.4300	0.00000	8.4381	0.11857	0.06194	90	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	8.4400	0.05500	8.4381	0.11857	0.06194	90	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0650	8.4400	0.00000	8.4381	0.11857	0.06194	90	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0049	8.4450	0.07000	8.4381	0.11857	0.06194	90	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0309	8.4480	0.02400	8.4381	0.11857	0.06194	90	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	8.4500	0.16000	8.4381	0.11857	0.06194	90	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	8.4500	0.10000	8.4381	0.11857	0.06194	90	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0027	8.4515	0.00500	8.4381	0.11857	0.06194	90	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0722	8.4546	0.04380	8.4381	0.11857	0.06194	90	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	8.4550	0.01000	8.4381	0.11857	0.06194	90	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	8.4550	0.03000	8.4381	0.11857	0.06194	90	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	8.4550	0.01000	8.4381	0.11857	0.06194	90	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0205	8.4650	0.01000	8.4381	0.11857	0.06194	90	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	8.4750	0.01000	8.4381	0.11857	0.06194	90	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	8.4850	0.13000	8.4381	0.11857	0.06194	90	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0861	8.4850	0.01000	8.4381	0.11857	0.06194	90	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0175	8.4900	0.06000	8.4381	0.11857	0.06194	90	0.44	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	8.4900	0.02000	8.4381	0.11857	0.06194	90	0.44	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	8.4980	0.05000	8.4381	0.11857	0.06194	90	0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	8.5000	0.28000	8.4381	0.11857	0.06194	90	0.52	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	8.5000	0.08000	8.4381	0.11857	0.06194	90	0.52	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	8.5000	0.10000	8.4381	0.11857	0.06194	90	0.52	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	8.5100	0.00000	8.4381	0.11857	0.06194	90	0.61	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	8.5100	0.00000	8.4381	0.11857	0.06194	90	0.61	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	8.5200	0.00000	8.4381	0.11857	0.06194	90	0.69	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	8.5250	0.17000	8.4381	0.11857	0.06194	90	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	8.5250	0.05000	8.4381	0.11857	0.06194	90	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	8.5295	0.03700	8.4381	0.11857	0.06194	90	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	8.5300	0.06000	8.4381	0.11857	0.06194	90	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	8.5350	0.03000	8.4381	0.11857	0.06194	90	0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	8.5350	0.01000	8.4381	0.11857	0.06194	90	0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	8.5400	0.04000	8.4381	0.11857	0.06194	90	0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	8.5400	0.08000	8.4381	0.11857	0.06194	90	0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0656	8.5450	0.05000	8.4381	0.11857	0.06194	90	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	2053	8.5450	0.01000	8.4381	0.11857	0.06194	90	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	8.5550	0.03000	8.4381	0.11857	0.06194	90	0.99	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	8.5650	0.03000	8.4381	0.11857	0.06194	90	1.07	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			
005.00	Ash, 2h @ 600°C (%)	2150	8.5750	0.15000	8.4381	0.11857	0.06194	90	1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	8.5850	0.01000	8.4381	0.11857	0.06194	90	1.24	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	8.5950	0.13000	8.4381	0.11857	0.06194	90	1.32	1%	0
005.00	Ash, 2h @ 600°C (%)	2188	8.6050	0.05000	8.4381	0.11857	0.06194	90	1.41	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	8.6150	0.01000	8.4381	0.11857	0.06194	90	1.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	8.6500	0.10000	8.4381	0.11857	0.06194	90	1.79	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	8.6750	0.01000	8.4381	0.11857	0.06194	90	2.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	8.6950	0.15000	8.4381	0.11857	0.06194	90	2.17	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	8.7500	0.10000	8.4381	0.11857	0.06194	90	2.63	2%	0
005.00	Ash, 2h @ 600°C (%)	0100	8.8000	0.04000	8.4381	0.11857	0.06194	90	3.05	2%	0
005.00	Ash, 2h @ 600°C (%)	0852	8.9400	0.10000	8.4381	0.11857	0.06194	90	4.23	3%	0
005.00	Ash, 2h @ 600°C (%)	0511	8.1250	0.65000	8.4381	0.11857	0.06194	90	-2.64	2%	1
005.00	Ash, 2h @ 600°C (%)	2076	11.303	0.17860	8.4381	0.11857	0.06194	90	24.16	17%	2
005.02	Ash, LECO (%)	2075	0.71000	0.00000				2			0
005.02	Ash, LECO (%)	0644	8.8115	0.06480				2			0
005.05	Ash, 3h @ 550°C (%)	0726	8.3450	0.01000	8.5357	0.11429	0.04612	38	-1.67	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	8.3500	0.10000	8.5357	0.11429	0.04612	38	-1.62	1%	0
005.05	Ash, 3h @ 550°C (%)	2198	8.3800	0.02000	8.5357	0.11429	0.04612	38	-1.36	1%	0
005.05	Ash, 3h @ 550°C (%)	2109	8.4200	0.14000	8.5357	0.11429	0.04612	38	-1.01	1%	0
005.05	Ash, 3h @ 550°C (%)	0893	8.4300	0.00000	8.5357	0.11429	0.04612	38	-0.92	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	8.4450	0.05000	8.5357	0.11429	0.04612	38	-0.79	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	8.4500	0.10000	8.5357	0.11429	0.04612	38	-0.75	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	8.4583	0.02340	8.5357	0.11429	0.04612	38	-0.68	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	8.4600	0.02000	8.5357	0.11429	0.04612	38	-0.66	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	8.4600	0.04000	8.5357	0.11429	0.04612	38	-0.66	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	8.4656	0.02140	8.5357	0.11429	0.04612	38	-0.61	0%	0
005.05	Ash, 3h @ 550°C (%)	0066	8.4700	0.02000	8.5357	0.11429	0.04612	38	-0.57	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	8.4750	0.05000	8.5357	0.11429	0.04612	38	-0.53	0%	0
005.05	Ash, 3h @ 550°C (%)	0038	8.4800	0.02000	8.5357	0.11429	0.04612	38	-0.49	0%	0
005.05	Ash, 3h @ 550°C (%)	0003	8.4950	0.07000	8.5357	0.11429	0.04612	38	-0.36	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	8.5050	0.01000	8.5357	0.11429	0.04612	38	-0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	8.5050	0.01000	8.5357	0.11429	0.04612	38	-0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	8.5100	0.02000	8.5357	0.11429	0.04612	38	-0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	8.5197	0.04860	8.5357	0.11429	0.04612	38	-0.14	0%	0
005.05	Ash, 3h @ 550°C (%)	0190	8.5200	0.02000	8.5357	0.11429	0.04612	38	-0.14	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	8.5250	0.03000	8.5357	0.11429	0.04612	38	-0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	8.5300	0.00000	8.5357	0.11429	0.04612	38	-0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	2192	8.5300	0.00000	8.5357	0.11429	0.04612	38	-0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	8.5300	0.06000	8.5357	0.11429	0.04612	38	-0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0638	8.5500	0.02000	8.5357	0.11429	0.04612	38	0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	8.5550	0.01000	8.5357	0.11429	0.04612	38	0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0695	8.5765	0.00900	8.5357	0.11429	0.04612	38	0.36	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.05	Ash, 3h @ 550°C (%)	0152	8.6000	0.00000	8.5357	0.11429	0.04612	38	0.56	0%	0
005.05	Ash, 3h @ 550°C (%)	2145	8.6400	0.00000	8.5357	0.11429	0.04612	38	0.91	1%	0
005.05	Ash, 3h @ 550°C (%)	2126	8.6500	0.00000	8.5357	0.11429	0.04612	38	1.00	1%	0
005.05	Ash, 3h @ 550°C (%)	0904	8.6600	0.06000	8.5357	0.11429	0.04612	38	1.09	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	8.6700	0.08000	8.5357	0.11429	0.04612	38	1.18	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	8.6750	0.01000	8.5357	0.11429	0.04612	38	1.22	1%	0
005.05	Ash, 3h @ 550°C (%)	2190	8.6850	0.11000	8.5357	0.11429	0.04612	38	1.31	1%	0
005.05	Ash, 3h @ 550°C (%)	0683	8.6950	0.27000	8.5357	0.11429	0.04612	38	1.39	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	8.6950	0.05000	8.5357	0.11429	0.04612	38	1.39	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	8.7050	0.15000	8.5357	0.11429	0.04612	38	1.48	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	8.7300	0.10000	8.5357	0.11429	0.04612	38	1.70	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	8.4350	0.51000	8.5357	0.11429	0.04612	38	-0.88	1%	1
005.11	Ash, NIR (%)	2105	6.2300	0.02000				3			0
005.11	Ash, NIR (%)	2128	6.8077	0.06100				3			0
005.11	Ash, NIR (%)	0297	10.495	0.01000				3			0
005.99	Ash, Miscellaneous (%)	2081	7.7900	0.08000	8.4556	0.24010	0.02552	14	-2.77	4%	0
005.99	Ash, Miscellaneous (%)	0546	7.9100	0.06000	8.4556	0.24010	0.02552	14	-2.27	3%	0
005.99	Ash, Miscellaneous (%)	0662	8.2303	0.03530	8.4556	0.24010	0.02552	14	-0.94	1%	0
005.99	Ash, Miscellaneous (%)	0574	8.3200	0.04000	8.4556	0.24010	0.02552	14	-0.56	1%	0
005.99	Ash, Miscellaneous (%)	2066	8.3950	0.03000	8.4556	0.24010	0.02552	14	-0.25	0%	0
005.99	Ash, Miscellaneous (%)	0613	8.4400	0.06000	8.4556	0.24010	0.02552	14	-0.07	0%	0
005.99	Ash, Miscellaneous (%)	0536	8.4950	0.01000	8.4556	0.24010	0.02552	14	0.16	0%	0
005.99	Ash, Miscellaneous (%)	0202	8.5070	0.01200	8.4556	0.24010	0.02552	14	0.21	0%	0
005.99	Ash, Miscellaneous (%)	2215	8.5250	0.01000	8.4556	0.24010	0.02552	14	0.29	0%	0
005.99	Ash, Miscellaneous (%)	0676	8.5750	0.01000	8.4556	0.24010	0.02552	14	0.50	1%	0
005.99	Ash, Miscellaneous (%)	2144	8.5850	0.01000	8.4556	0.24010	0.02552	14	0.54	1%	0
005.99	Ash, Miscellaneous (%)	0652	8.6000	0.00000	8.4556	0.24010	0.02552	14	0.60	1%	0
005.99	Ash, Miscellaneous (%)	0884	8.7000	0.00000	8.4556	0.24010	0.02552	14	1.02	1%	0
005.99	Ash, Miscellaneous (%)	2055	10.000	0.00000	8.4556	0.24010	0.02552	14	6.43	9%	0
005.99	Ash, Miscellaneous (%)	0910	8.5000	0.20000	8.4556	0.24010	0.02552	14	0.18	0%	1
006.00	Total Sugars, As sucrose (%)	0910	23.955	0.45000				2			0
006.00	Total Sugars, As sucrose (%)	0407	32.480	0.76000				2			0
006.99	Total Sugars, Miscellaneous (%)	0638	17.100	0.00000				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	22.200	1.0000				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	0675	0.04000	0.02000	0.18800	0.11094	0.08800	5			0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	0.13000	0.00000	0.18800	0.11094	0.08800	5			0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	0.20000	0.06000	0.18800	0.11094	0.08800	5			0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	0.23500	0.15000	0.18800	0.11094	0.08800	5			0
008.02	Fiber, Acid Detergent, Crucible (%)	0038	0.33500	0.21000	0.18800	0.11094	0.08800	5			0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	0.02500	0.05000	0.18800	0.11094	0.08800	5			4
008.02	Fiber, Acid Detergent, Crucible (%)	0148	< 2		0.18800	0.11094	0.08800	5			5
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	2.5000	0.26000				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	0.15000	0.10000	0.36393	0.24073	0.12443	8	-0.89	29%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	0.18000	0.02000	0.36393	0.24073	0.12443	8	-0.76	25%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	0.24000	0.08000	0.36393	0.24073	0.12443	8	-0.51	17%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	0.25000	0.10000	0.36393	0.24073	0.12443	8	-0.47	16%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0015	0.29000	0.18000	0.36393	0.24073	0.12443	8	-0.31	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	0.45000	0.30000	0.36393	0.24073	0.12443	8	0.36	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	0.66500	0.09000	0.36393	0.24073	0.12443	8	1.25	41%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	0.68640	0.12540	0.36393	0.24073	0.12443	8	1.34	44%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	17.700	0.02000	0.36393	0.24073	0.12443	8	72.02	2382%	2
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	0.00000	0.00000	0.36393	0.24073	0.12443	8			4
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	0.00000	0.00000	0.36393	0.24073	0.12443	8			4
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	0.09500	0.19000	0.36393	0.24073	0.12443	8			4
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	< 0.86		0.36393	0.24073	0.12443	8			5
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	< 1.5		0.36393	0.24073	0.12443	8			5
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	0.00000	0.00000				0			4
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0675	0.06000	0.02000				3			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	0.35500	0.23000				3			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	0.36000	0.14000				3			0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0948	0.13500	0.03000	0.65170	0.46027	0.18046	17	-1.12	40%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	0.21760	0.00780	0.65170	0.46027	0.18046	17	-0.94	33%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	0.29000	0.12000	0.65170	0.46027	0.18046	17	-0.79	28%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0638	0.30000	0.00000	0.65170	0.46027	0.18046	17	-0.76	27%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0015	0.36000	0.12000	0.65170	0.46027	0.18046	17	-0.63	22%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	0.45000	0.12000	0.65170	0.46027	0.18046	17	-0.44	15%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	0.45000	0.10000	0.65170	0.46027	0.18046	17	-0.44	15%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	0.48000	0.16000	0.65170	0.46027	0.18046	17	-0.37	13%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	0.55000	0.10000	0.65170	0.46027	0.18046	17	-0.22	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	0.58000	0.22000	0.65170	0.46027	0.18046	17	-0.16	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	0.60000	0.20000	0.65170	0.46027	0.18046	17	-0.11	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	0.69500	0.09000	0.65170	0.46027	0.18046	17	0.09	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	0.78000	1.1400	0.65170	0.46027	0.18046	17	0.28	10%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	1.1650	0.13000	0.65170	0.46027	0.18046	17	1.12	39%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	2.9350	0.03000	0.65170	0.46027	0.18046	17	4.96	175%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	19.155	0.15000	0.65170	0.46027	0.18046	17	40.20	1420%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	34.225	0.35000	0.65170	0.46027	0.18046	17	72.94	2576%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	2.4743	1.4831	0.65170	0.46027	0.18046	17	3.96	140%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	< 1.5		0.65170	0.46027	0.18046	17			5
010.03	Moisture, Karl-Fischer (%)	0843	4.8750	0.13000				2			0
010.03	Moisture, Karl-Fischer (%)	0164	5.5050	0.31000				2			0
010.11	Moisture, NIR (%)	2128	3.2888	0.03620				3			0
010.11	Moisture, NIR (%)	2105	3.6750	0.03000				3			0
010.11	Moisture, NIR (%)	0152	12.040	0.88000				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	
010.99	Moisture, Miscellaneous (%)	0546	3.8400	0.00000	4.9021	0.91709	0.05676	20	-1.16	11%	0
010.99	Moisture, Miscellaneous (%)	0722	3.8798	0.02190	4.9021	0.91709	0.05676	20	-1.11	10%	0
010.99	Moisture, Miscellaneous (%)	2066	4.0000	0.06000	4.9021	0.91709	0.05676	20	-0.98	9%	0
010.99	Moisture, Miscellaneous (%)	2129	4.0634	0.27320	4.9021	0.91709	0.05676	20	-0.91	9%	0
010.99	Moisture, Miscellaneous (%)	0853	4.2000	0.00000	4.9021	0.91709	0.05676	20	-0.77	7%	0
010.99	Moisture, Miscellaneous (%)	0692	4.3500	0.10000	4.9021	0.91709	0.05676	20	-0.60	6%	0
010.99	Moisture, Miscellaneous (%)	2150	4.5350	0.13000	4.9021	0.91709	0.05676	20	-0.40	4%	0
010.99	Moisture, Miscellaneous (%)	2089	4.5450	0.03000	4.9021	0.91709	0.05676	20	-0.39	4%	0
010.99	Moisture, Miscellaneous (%)	0948	4.6800	0.04000	4.9021	0.91709	0.05676	20	-0.24	2%	0
010.99	Moisture, Miscellaneous (%)	0884	4.7000	0.00000	4.9021	0.91709	0.05676	20	-0.22	2%	0
010.99	Moisture, Miscellaneous (%)	0028	4.7300	0.08000	4.9021	0.91709	0.05676	20	-0.19	2%	0
010.99	Moisture, Miscellaneous (%)	0726	4.8750	0.01000	4.9021	0.91709	0.05676	20	-0.03	0%	0
010.99	Moisture, Miscellaneous (%)	2043	4.8750	0.11000	4.9021	0.91709	0.05676	20	-0.03	0%	0
010.99	Moisture, Miscellaneous (%)	2215	5.0950	0.01000	4.9021	0.91709	0.05676	20	0.21	2%	0
010.99	Moisture, Miscellaneous (%)	0652	5.1500	0.10000	4.9021	0.91709	0.05676	20	0.27	3%	0
010.99	Moisture, Miscellaneous (%)	2076	5.8200	0.10000	4.9021	0.91709	0.05676	20	1.00	9%	0
010.99	Moisture, Miscellaneous (%)	2144	5.8700	0.02000	4.9021	0.91709	0.05676	20	1.06	10%	0
010.99	Moisture, Miscellaneous (%)	0190	6.5800	0.02000	4.9021	0.91709	0.05676	20	1.83	17%	0
010.99	Moisture, Miscellaneous (%)	0405	7.6900	0.00000	4.9021	0.91709	0.05676	20	3.04	28%	0
010.99	Moisture, Miscellaneous (%)	0952	8.0150	0.03000	4.9021	0.91709	0.05676	20	3.39	32%	0
010.99	Moisture, Miscellaneous (%)	0939	4.9900	0.38000	4.9021	0.91709	0.05676	20	0.10	1%	1
011.01	Loss on Drying, 135°C 2hr (%)	0618	3.0350	0.05000	9.4040	2.5287	0.21631	59	-2.52	34%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	4.5050	0.01000	9.4040	2.5287	0.21631	59	-1.94	26%	0
011.01	Loss on Drying, 135°C 2hr (%)	0853	4.6500	0.10000	9.4040	2.5287	0.21631	59	-1.88	25%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	4.6500	0.06000	9.4040	2.5287	0.21631	59	-1.88	25%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	4.6815	0.03700	9.4040	2.5287	0.21631	59	-1.87	25%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	5.0105	0.04190	9.4040	2.5287	0.21631	59	-1.74	23%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	5.2750	0.07000	9.4040	2.5287	0.21631	59	-1.63	22%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	5.3300	0.46000	9.4040	2.5287	0.21631	59	-1.61	22%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	5.5200	0.08000	9.4040	2.5287	0.21631	59	-1.54	21%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	5.5600	0.00000	9.4040	2.5287	0.21631	59	-1.52	20%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	5.9500	0.10000	9.4040	2.5287	0.21631	59	-1.37	18%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	7.5445	0.01300	9.4040	2.5287	0.21631	59	-0.74	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.1150	0.55000	9.4040	2.5287	0.21631	59	-0.51	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	8.3850	0.13000	9.4040	2.5287	0.21631	59	-0.40	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2199	8.6000	0.40000	9.4040	2.5287	0.21631	59	-0.32	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.6500	0.26000	9.4040	2.5287	0.21631	59	-0.30	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	8.7300	0.40000	9.4040	2.5287	0.21631	59	-0.27	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	8.8750	0.03000	9.4040	2.5287	0.21631	59	-0.21	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	8.9150	0.03000	9.4040	2.5287	0.21631	59	-0.19	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	8.9350	0.61000	9.4040	2.5287	0.21631	59	-0.19	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	9.0100	0.78000	9.4040	2.5287	0.21631	59	-0.16	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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011.01	Loss on Drying, 135°C 2hr (%)	2200	9.0500	0.10000	9.4040	2.5287	0.21631	59	-0.14	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.0700	0.42000	9.4040	2.5287	0.21631	59	-0.13	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	9.1550	0.01000	9.4040	2.5287	0.21631	59	-0.10	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	9.3700	0.08000	9.4040	2.5287	0.21631	59	-0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2168	9.3750	0.13000	9.4040	2.5287	0.21631	59	-0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2188	9.4200	0.30000	9.4040	2.5287	0.21631	59	0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	9.5000	0.40000	9.4040	2.5287	0.21631	59	0.04	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.6015	0.06500	9.4040	2.5287	0.21631	59	0.08	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	9.6148	0.06280	9.4040	2.5287	0.21631	59	0.08	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	9.7500	0.10000	9.4040	2.5287	0.21631	59	0.14	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2196	9.8000	0.00000	9.4040	2.5287	0.21631	59	0.16	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.8293	0.11010	9.4040	2.5287	0.21631	59	0.17	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.8500	0.10000	9.4040	2.5287	0.21631	59	0.18	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	9.9350	0.07920	9.4040	2.5287	0.21631	59	0.21	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	10.045	0.47000	9.4040	2.5287	0.21631	59	0.25	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2193	10.200	0.00000	9.4040	2.5287	0.21631	59	0.31	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.260	0.00000	9.4040	2.5287	0.21631	59	0.34	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	10.425	0.29000	9.4040	2.5287	0.21631	59	0.40	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	10.445	0.05000	9.4040	2.5287	0.21631	59	0.41	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	10.515	0.07000	9.4040	2.5287	0.21631	59	0.44	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.525	0.19000	9.4040	2.5287	0.21631	59	0.44	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.545	0.45000	9.4040	2.5287	0.21631	59	0.45	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	10.678	0.85500	9.4040	2.5287	0.21631	59	0.50	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	10.720	0.38000	9.4040	2.5287	0.21631	59	0.52	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.850	0.10000	9.4040	2.5287	0.21631	59	0.57	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	10.975	0.15000	9.4040	2.5287	0.21631	59	0.62	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	11.400	0.20000	9.4040	2.5287	0.21631	59	0.79	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	11.405	0.05000	9.4040	2.5287	0.21631	59	0.79	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	11.460	0.26000	9.4040	2.5287	0.21631	59	0.81	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	11.590	0.78000	9.4040	2.5287	0.21631	59	0.86	12%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	11.647	0.14800	9.4040	2.5287	0.21631	59	0.89	12%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	11.975	0.07000	9.4040	2.5287	0.21631	59	1.02	14%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	12.585	0.07000	9.4040	2.5287	0.21631	59	1.26	17%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	12.665	0.09000	9.4040	2.5287	0.21631	59	1.29	17%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	13.725	0.45000	9.4040	2.5287	0.21631	59	1.71	23%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	13.925	0.23000	9.4040	2.5287	0.21631	59	1.79	24%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	14.120	0.86000	9.4040	2.5287	0.21631	59	1.86	25%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	15.290	0.38000	9.4040	2.5287	0.21631	59	2.33	31%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	9.7000	2.3400	9.4040	2.5287	0.21631	59	0.12	2%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	7.6050	0.01000	8.2188	0.72099	0.12250	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	7.6450	0.15000	8.2188	0.72099	0.12250	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	2075	8.5400	0.06000	8.2188	0.72099	0.12250	4			0

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011.02	Loss on Drying, 130°C for 2 hours (%)	0843	9.0850	0.27000	8.2188	0.72099	0.12250	4			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0857	8.1500	0.50000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	0852	8.9100	0.02000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	2055	9.5000	1.0000				3			0
012.00	Starch, Polarimetric (Ewers) (%)	0164	1.0500	0.10000	6.4860	3.6774	0.33200	5			0
012.00	Starch, Polarimetric (Ewers) (%)	0354	5.2950	0.27000	6.4860	3.6774	0.33200	5			0
012.00	Starch, Polarimetric (Ewers) (%)	2188	6.3950	0.69000	6.4860	3.6774	0.33200	5			0
012.00	Starch, Polarimetric (Ewers) (%)	2006	9.3200	0.60000	6.4860	3.6774	0.33200	5			0
012.00	Starch, Polarimetric (Ewers) (%)	2196	10.370	0.00000	6.4860	3.6774	0.33200	5			0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	0.13500	0.01000	0.76881	0.77001	0.10562	6	-0.82	41%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	0.27500	0.01000	0.76881	0.77001	0.10562	6	-0.64	32%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	0.50855	0.00070	0.76881	0.77001	0.10562	6	-0.34	17%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	0.54550	0.30500	0.76881	0.77001	0.10562	6	-0.29	15%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	1.2250	0.20800	0.76881	0.77001	0.10562	6	0.59	30%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	2.8100	0.10000	0.76881	0.77001	0.10562	6	2.65	133%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	< 0.2		0.76881	0.77001	0.10562	6			5
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	< 0.5		0.76881	0.77001	0.10562	6			5
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	< 0.9		0.76881	0.77001	0.10562	6			5
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0297	0.48500	0.03000				1			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0278	0.10000	0.00000				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0353	0.27000	0.06000				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0948	0.38500	0.05000				3			0
012.11	Starch, NIR (%)	0297	0.00000	0.00000				0			4
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	15.670	0.40000	19.018	0.94499	0.30310	23	-3.54	9%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0504	15.865	1.1900	19.018	0.94499	0.30310	23	-3.34	8%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	17.700	0.14000	19.018	0.94499	0.30310	23	-1.39	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0618	17.787	0.43600	19.018	0.94499	0.30310	23	-1.30	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	17.840	0.32000	19.018	0.94499	0.30310	23	-1.25	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0695	18.790	0.18000	19.018	0.94499	0.30310	23	-0.24	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	18.940	0.06000	19.018	0.94499	0.30310	23	-0.08	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	18.945	0.51000	19.018	0.94499	0.30310	23	-0.08	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	18.970	0.04000	19.018	0.94499	0.30310	23	-0.05	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2126	18.970	0.10000	19.018	0.94499	0.30310	23	-0.05	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2073	19.015	0.03000	19.018	0.94499	0.30310	23	0.00	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0139	19.075	0.05000	19.018	0.94499	0.30310	23	0.06	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	19.100	0.00000	19.018	0.94499	0.30310	23	0.09	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2145	19.180	0.16000	19.018	0.94499	0.30310	23	0.17	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0229	19.285	0.43000	19.018	0.94499	0.30310	23	0.28	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	19.350	0.10000	19.018	0.94499	0.30310	23	0.35	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2053	19.420	0.12000	19.018	0.94499	0.30310	23	0.43	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	19.430	0.23230	19.018	0.94499	0.30310	23	0.44	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	19.655	0.21000	19.018	0.94499	0.30310	23	0.67	2%	0

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013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	19.995	0.46890	19.018	0.94499	0.30310	23	1.03	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	20.073	0.12400	19.018	0.94499	0.30310	23	1.12	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0045	20.250	0.50000	19.018	0.94499	0.30310	23	1.30	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2089	21.735	1.1700	19.018	0.94499	0.30310	23	2.88	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	19.900	1.6000	19.018	0.94499	0.30310	23	0.93	2%	1
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2109	17.060	1.0200	19.657	0.68241	0.28000	21	-3.81	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	17.100	0.40000	19.657	0.68241	0.28000	21	-3.75	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	18.860	0.06000	19.657	0.68241	0.28000	21	-1.17	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0874	19.125	0.31000	19.657	0.68241	0.28000	21	-0.78	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0100	19.210	0.50000	19.657	0.68241	0.28000	21	-0.65	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	19.310	0.18000	19.657	0.68241	0.28000	21	-0.51	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2012	19.340	0.24000	19.657	0.68241	0.28000	21	-0.46	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	19.365	0.01000	19.657	0.68241	0.28000	21	-0.43	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	19.460	0.34000	19.657	0.68241	0.28000	21	-0.29	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0353	19.535	0.11000	19.657	0.68241	0.28000	21	-0.18	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	19.640	0.10000	19.657	0.68241	0.28000	21	-0.02	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	19.670	0.16000	19.657	0.68241	0.28000	21	0.02	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	19.760	0.48000	19.657	0.68241	0.28000	21	0.15	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	19.930	0.08000	19.657	0.68241	0.28000	21	0.40	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0650	20.050	0.16000	19.657	0.68241	0.28000	21	0.58	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0656	20.070	0.04000	19.657	0.68241	0.28000	21	0.61	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	20.260	0.00000	19.657	0.68241	0.28000	21	0.88	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0675	20.270	1.0200	19.657	0.68241	0.28000	21	0.90	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0964	20.310	0.26000	19.657	0.68241	0.28000	21	0.96	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0354	20.925	0.27000	19.657	0.68241	0.28000	21	1.86	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	21.180	0.14000	19.657	0.68241	0.28000	21	2.23	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0074	18.920	2.0400	19.657	0.68241	0.28000	21	-1.08	2%	1
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	0160	18.350	0.50000	19.560	0.82687	0.29111	9	-1.46	3%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	0175	19.050	0.30000	19.560	0.82687	0.29111	9	-0.62	1%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	0861	19.170	0.22000	19.560	0.82687	0.29111	9	-0.47	1%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	0016	19.400	0.20000	19.560	0.82687	0.29111	9	-0.19	0%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	0017	19.500	0.20000	19.560	0.82687	0.29111	9	-0.07	0%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	0033	19.550	0.10000	19.560	0.82687	0.29111	9	-0.01	0%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	0004	19.760	0.18000	19.560	0.82687	0.29111	9	0.24	1%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	0013	20.535	0.01000	19.560	0.82687	0.29111	9	1.18	2%	0
013.03	Fat, Base Pretreat, Roese-Gottlieb (%)	0505	20.725	0.91000	19.560	0.82687	0.29111	9	1.41	3%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	19.585	0.30550				2			0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0035	19.770	0.34000				2			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0263	14.243	0.13140	18.228	1.3163	0.21189	10	-3.03	11%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0638	16.550	0.70000	18.228	1.3163	0.21189	10	-1.28	5%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2215	17.785	0.21000	18.228	1.3163	0.21189	10	-0.34	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	17.800	0.00000	18.228	1.3163	0.21189	10	-0.33	1%	0

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013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	18.220	0.22750	18.228	1.3163	0.21189	10	-0.01	0%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2006	18.700	0.38000	18.228	1.3163	0.21189	10	0.36	1%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0878	18.990	0.08000	18.228	1.3163	0.21189	10	0.58	2%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0868	18.995	0.11000	18.228	1.3163	0.21189	10	0.58	2%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	19.030	0.14000	18.228	1.3163	0.21189	10	0.61	2%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2198	19.960	0.14000	18.228	1.3163	0.21189	10	1.32	5%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	18.001	0.13080	18.835	0.62522	0.22135	8	-1.33	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0019	18.305	0.23000	18.835	0.62522	0.22135	8	-0.85	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	18.480	0.12000	18.835	0.62522	0.22135	8	-0.57	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	18.900	0.60000	18.835	0.62522	0.22135	8	0.10	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0955	18.900	0.20000	18.835	0.62522	0.22135	8	0.10	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	19.145	0.15000	18.835	0.62522	0.22135	8	0.50	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0653	19.250	0.14000	18.835	0.62522	0.22135	8	0.66	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0619	19.700	0.20000	18.835	0.62522	0.22135	8	1.38	2%	0
013.99	Fat, Acid Pretreat, Pretreatment, Misc (%)	0047	19.530	0.02000				1			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	25.865	4.6100	34.910	10.396	2.7450	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	30.500	1.0000	34.910	10.396	2.7450	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	33.500	1.0000	34.910	10.396	2.7450	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	49.775	4.3700	34.910	10.396	2.7450	4			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	25.150	0.30000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	19.500	3.0000	25.095	5.0955	1.3670	7	-1.10	11%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0425	19.700	3.2000	25.095	5.0955	1.3670	7	-1.06	11%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	24.000	0.00000	25.095	5.0955	1.3670	7	-0.21	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	26.300	0.40000	25.095	5.0955	1.3670	7	0.24	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	26.500	1.0000	25.095	5.0955	1.3670	7	0.28	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	27.468	1.1689	25.095	5.0955	1.3670	7	0.47	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	32.200	0.80000	25.095	5.0955	1.3670	7	1.39	14%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	29.950	1.3000				1			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	29.650	0.30000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	1.4950	0.21000	2.7250	1.4237	0.25500	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	1.7300	0.10000	2.7250	1.4237	0.25500	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	3.0950	0.15000	2.7250	1.4237	0.25500	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	4.5800	0.56000	2.7250	1.4237	0.25500	4			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	2.5500	0.12000	3.1043	0.84802	0.23460	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	2.5665	0.30300	3.1043	0.84802	0.23460	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	2.6750	0.09000	3.1043	0.84802	0.23460	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	3.1800	0.56000	3.1043	0.84802	0.23460	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0265	4.5500	0.10000	3.1043	0.84802	0.23460	5			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0083	2.5000	1.0000	3.0350	0.44268	0.39333	6	-1.21	9%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	2.8300	0.04000	3.0350	0.44268	0.39333	6	-0.46	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	2.9000	0.20000	3.0350	0.44268	0.39333	6	-0.30	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	3.0000	0.00000	3.0350	0.44268	0.39333	6	-0.08	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			
017.43	Boron, ICP, Microwave (mg / kg (ppm))	2055	3.4800	0.12000	3.0350	0.44268	0.39333	6	1.01	7%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	3.5000	1.0000	3.0350	0.44268	0.39333	6	1.05	8%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	0.00000	0.00000	3.0350	0.44268	0.39333	6			4
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	0.79700	0.10000	0.85332	0.04902	0.03156	9	-1.15	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	0.80000	0.00000	0.85332	0.04902	0.03156	9	-1.09	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	0.83000	0.02000	0.85332	0.04902	0.03156	9	-0.48	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	0.84500	0.02600	0.85332	0.04902	0.03156	9	-0.17	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	0.84850	0.01700	0.85332	0.04902	0.03156	9	-0.10	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	0.85250	0.00500	0.85332	0.04902	0.03156	9	-0.02	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	0.88000	0.02000	0.85332	0.04902	0.03156	9	0.54	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	0.90000	0.02000	0.85332	0.04902	0.03156	9	0.95	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	0.94600	0.07600	0.85332	0.04902	0.03156	9	1.89	5%	0
019.02	Calcium, Hach Method (%)	2128	1.1245	0.17900				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	0.91740	0.02040				1			0
019.08	Calcium, EDTA (%)	0849	0.80050	0.00100	0.89285	0.05572	0.00912	13	-1.66	5%	0
019.08	Calcium, EDTA (%)	0885	0.83250	0.02700	0.89285	0.05572	0.00912	13	-1.08	3%	0
019.08	Calcium, EDTA (%)	0590	0.85000	0.02000	0.89285	0.05572	0.00912	13	-0.77	2%	0
019.08	Calcium, EDTA (%)	2188	0.87500	0.01000	0.89285	0.05572	0.00912	13	-0.32	1%	0
019.08	Calcium, EDTA (%)	2009	0.87635	0.00670	0.89285	0.05572	0.00912	13	-0.30	1%	0
019.08	Calcium, EDTA (%)	2152	0.88000	0.02000	0.89285	0.05572	0.00912	13	-0.23	1%	0
019.08	Calcium, EDTA (%)	2196	0.89000	0.00000	0.89285	0.05572	0.00912	13	-0.05	0%	0
019.08	Calcium, EDTA (%)	2199	0.89000	0.00000	0.89285	0.05572	0.00912	13	-0.05	0%	0
019.08	Calcium, EDTA (%)	2193	0.91500	0.03000	0.89285	0.05572	0.00912	13	0.40	1%	0
019.08	Calcium, EDTA (%)	2190	0.91605	0.00010	0.89285	0.05572	0.00912	13	0.42	1%	0
019.08	Calcium, EDTA (%)	0689	0.92000	0.00000	0.89285	0.05572	0.00912	13	0.49	2%	0
019.08	Calcium, EDTA (%)	2031	1.1177	0.00380	0.89285	0.05572	0.00912	13	4.04	13%	0
019.08	Calcium, EDTA (%)	2200	1.2000	0.00000	0.89285	0.05572	0.00912	13	5.51	17%	0
019.08	Calcium, EDTA (%)	0852	1.3500	0.30000	0.89285	0.05572	0.00912	13	8.20	26%	1
019.09	Calcium, Ion-selective electrode (%)	2006	0.98350	0.01900				1			0
019.31	Calcium, AAS, Dry ash (%)	0656	0.61500	0.03000	0.86681	0.05896	0.01918	25	-4.27	15%	0
019.31	Calcium, AAS, Dry ash (%)	0596	0.76000	0.00000	0.86681	0.05896	0.01918	25	-1.81	6%	0
019.31	Calcium, AAS, Dry ash (%)	0536	0.76500	0.03000	0.86681	0.05896	0.01918	25	-1.73	6%	0
019.31	Calcium, AAS, Dry ash (%)	0904	0.82000	0.02000	0.86681	0.05896	0.01918	25	-0.79	3%	0
019.31	Calcium, AAS, Dry ash (%)	0233	0.82500	0.01000	0.86681	0.05896	0.01918	25	-0.71	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	0.83500	0.01000	0.86681	0.05896	0.01918	25	-0.54	2%	0
019.31	Calcium, AAS, Dry ash (%)	0038	0.83815	0.02010	0.86681	0.05896	0.01918	25	-0.49	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	0.84000	0.00000	0.86681	0.05896	0.01918	25	-0.45	2%	0
019.31	Calcium, AAS, Dry ash (%)	0152	0.84000	0.08000	0.86681	0.05896	0.01918	25	-0.45	2%	0
019.31	Calcium, AAS, Dry ash (%)	0868	0.84500	0.05000	0.86681	0.05896	0.01918	25	-0.37	1%	0
019.31	Calcium, AAS, Dry ash (%)	0175	0.85500	0.03000	0.86681	0.05896	0.01918	25	-0.20	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	0.85500	0.01000	0.86681	0.05896	0.01918	25	-0.20	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	0.86000	0.02000	0.86681	0.05896	0.01918	25	-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	
019.31	Calcium, AAS, Dry ash (%)	0722	0.86715	0.00390	0.86681	0.05896	0.01918	25	0.01	0%	0
019.31	Calcium, AAS, Dry ash (%)	0948	0.87400	0.00200	0.86681	0.05896	0.01918	25	0.12	0%	0
019.31	Calcium, AAS, Dry ash (%)	2097	0.88250	0.00660	0.86681	0.05896	0.01918	25	0.27	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	0.89000	0.00000	0.86681	0.05896	0.01918	25	0.39	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	0.90000	0.00000	0.86681	0.05896	0.01918	25	0.56	2%	0
019.31	Calcium, AAS, Dry ash (%)	0142	0.90030	0.06000	0.86681	0.05896	0.01918	25	0.57	2%	0
019.31	Calcium, AAS, Dry ash (%)	0001	0.90330	0.00100	0.86681	0.05896	0.01918	25	0.62	2%	0
019.31	Calcium, AAS, Dry ash (%)	0874	0.90900	0.00600	0.86681	0.05896	0.01918	25	0.72	2%	0
019.31	Calcium, AAS, Dry ash (%)	2188	0.93000	0.04000	0.86681	0.05896	0.01918	25	1.07	4%	0
019.31	Calcium, AAS, Dry ash (%)	2126	0.96500	0.01000	0.86681	0.05896	0.01918	25	1.67	6%	0
019.31	Calcium, AAS, Dry ash (%)	2195	0.98500	0.03000	0.86681	0.05896	0.01918	25	2.00	7%	0
019.31	Calcium, AAS, Dry ash (%)	2198	0.99500	0.01000	0.86681	0.05896	0.01918	25	2.17	7%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.0200	0.26000	0.86681	0.05896	0.01918	25	2.60	9%	1
019.32	Calcium, AAS, Open vessel (%)	0169	0.88000	0.00000				1			0
019.33	Calcium, AAS, Microwave (%)	0612	0.91800	0.01200				1			0
019.41	Calcium, ICP, Dry ash (%)	0910	0.79000	0.04000	0.86757	0.04701	0.01546	27	-1.65	4%	0
019.41	Calcium, ICP, Dry ash (%)	0520	0.80500	0.03000	0.86757	0.04701	0.01546	27	-1.33	4%	0
019.41	Calcium, ICP, Dry ash (%)	0144	0.80500	0.01000	0.86757	0.04701	0.01546	27	-1.33	4%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.82000	0.00000	0.86757	0.04701	0.01546	27	-1.01	3%	0
019.41	Calcium, ICP, Dry ash (%)	0511	0.82000	0.02000	0.86757	0.04701	0.01546	27	-1.01	3%	0
019.41	Calcium, ICP, Dry ash (%)	0148	0.82500	0.01000	0.86757	0.04701	0.01546	27	-0.91	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	0.83000	0.02000	0.86757	0.04701	0.01546	27	-0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	2012	0.84000	0.04000	0.86757	0.04701	0.01546	27	-0.59	2%	0
019.41	Calcium, ICP, Dry ash (%)	0139	0.85000	0.00000	0.86757	0.04701	0.01546	27	-0.37	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	0.85500	0.03000	0.86757	0.04701	0.01546	27	-0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	0.85500	0.05000	0.86757	0.04701	0.01546	27	-0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0695	0.85650	0.00500	0.86757	0.04701	0.01546	27	-0.24	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	0.85800	0.00200	0.86757	0.04701	0.01546	27	-0.20	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	0.86000	0.01800	0.86757	0.04701	0.01546	27	-0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	0.87000	0.00000	0.86757	0.04701	0.01546	27	0.05	0%	0
019.41	Calcium, ICP, Dry ash (%)	0848	0.87500	0.01000	0.86757	0.04701	0.01546	27	0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0358	0.88000	0.02000	0.86757	0.04701	0.01546	27	0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	0003	0.89000	0.02000	0.86757	0.04701	0.01546	27	0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	2145	0.89745	0.00110	0.86757	0.04701	0.01546	27	0.64	2%	0
019.41	Calcium, ICP, Dry ash (%)	0878	0.90000	0.04000	0.86757	0.04701	0.01546	27	0.69	2%	0
019.41	Calcium, ICP, Dry ash (%)	0653	0.90100	0.00600	0.86757	0.04701	0.01546	27	0.71	2%	0
019.41	Calcium, ICP, Dry ash (%)	0720	0.91000	0.00000	0.86757	0.04701	0.01546	27	0.90	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	0.91200	0.03000	0.86757	0.04701	0.01546	27	0.95	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	0.92000	0.00000	0.86757	0.04701	0.01546	27	1.12	3%	0
019.41	Calcium, ICP, Dry ash (%)	0405	0.92000	0.00000	0.86757	0.04701	0.01546	27	1.12	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	0.93430	0.00060	0.86757	0.04701	0.01546	27	1.42	4%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.93830	0.01480	0.86757	0.04701	0.01546	27	1.50	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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019.42	Calcium, ICP, Open vessel (%)	2129	0.81250	0.03600	0.89386	0.07060	0.01884	23	-1.15	5%	0
019.42	Calcium, ICP, Open vessel (%)	0205	0.82500	0.01000	0.89386	0.07060	0.01884	23	-0.98	4%	0
019.42	Calcium, ICP, Open vessel (%)	0870	0.82575	0.01250	0.89386	0.07060	0.01884	23	-0.96	4%	0
019.42	Calcium, ICP, Open vessel (%)	0263	0.83200	0.00200	0.89386	0.07060	0.01884	23	-0.88	3%	0
019.42	Calcium, ICP, Open vessel (%)	0504	0.83650	0.01900	0.89386	0.07060	0.01884	23	-0.81	3%	0
019.42	Calcium, ICP, Open vessel (%)	0560	0.83940	0.00860	0.89386	0.07060	0.01884	23	-0.77	3%	0
019.42	Calcium, ICP, Open vessel (%)	2053	0.84500	0.03000	0.89386	0.07060	0.01884	23	-0.69	3%	0
019.42	Calcium, ICP, Open vessel (%)	0035	0.85500	0.01000	0.89386	0.07060	0.01884	23	-0.55	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	0.85800	0.05200	0.89386	0.07060	0.01884	23	-0.51	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	0.86300	0.00200	0.89386	0.07060	0.01884	23	-0.44	2%	0
019.42	Calcium, ICP, Open vessel (%)	0187	0.87235	0.00430	0.89386	0.07060	0.01884	23	-0.30	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	0.87500	0.02800	0.89386	0.07060	0.01884	23	-0.27	1%	0
019.42	Calcium, ICP, Open vessel (%)	0009	0.88590	0.03640	0.89386	0.07060	0.01884	23	-0.11	0%	0
019.42	Calcium, ICP, Open vessel (%)	0042	0.88600	0.03000	0.89386	0.07060	0.01884	23	-0.11	0%	0
019.42	Calcium, ICP, Open vessel (%)	0294	0.89500	0.01000	0.89386	0.07060	0.01884	23	0.02	0%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.91400	0.00060	0.89386	0.07060	0.01884	23	0.29	1%	0
019.42	Calcium, ICP, Open vessel (%)	0613	0.93500	0.01000	0.89386	0.07060	0.01884	23	0.58	2%	0
019.42	Calcium, ICP, Open vessel (%)	0265	0.95500	0.07000	0.89386	0.07060	0.01884	23	0.87	3%	0
019.42	Calcium, ICP, Open vessel (%)	0685	0.98000	0.02000	0.89386	0.07060	0.01884	23	1.22	5%	0
019.42	Calcium, ICP, Open vessel (%)	0726	0.98390	0.00200	0.89386	0.07060	0.01884	23	1.28	5%	0
019.42	Calcium, ICP, Open vessel (%)	0037	0.98500	0.01000	0.89386	0.07060	0.01884	23	1.29	5%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.0000	0.02000	0.89386	0.07060	0.01884	23	1.50	6%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.0350	0.01000	0.89386	0.07060	0.01884	23	2.00	8%	0
019.42	Calcium, ICP, Open vessel (%)	0692	0.94000	0.16000	0.89386	0.07060	0.01884	23	0.65	3%	1
019.43	Calcium, ICP, Microwave (%)	2055	0.78765	0.06190	0.86692	0.04357	0.02126	32	-1.82	5%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.79500	0.03000	0.86692	0.04357	0.02126	32	-1.65	4%	0
019.43	Calcium, ICP, Microwave (%)	0202	0.80850	0.04700	0.86692	0.04357	0.02126	32	-1.34	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	0.81170	0.00940	0.86692	0.04357	0.02126	32	-1.27	3%	0
019.43	Calcium, ICP, Microwave (%)	0018	0.82000	0.01200	0.86692	0.04357	0.02126	32	-1.08	3%	0
019.43	Calcium, ICP, Microwave (%)	0083	0.82500	0.01000	0.86692	0.04357	0.02126	32	-0.96	2%	0
019.43	Calcium, ICP, Microwave (%)	0610	0.83000	0.00000	0.86692	0.04357	0.02126	32	-0.85	2%	0
019.43	Calcium, ICP, Microwave (%)	2192	0.83500	0.01000	0.86692	0.04357	0.02126	32	-0.73	2%	0
019.43	Calcium, ICP, Microwave (%)	0038	0.84300	0.03000	0.86692	0.04357	0.02126	32	-0.55	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	0.84400	0.00600	0.86692	0.04357	0.02126	32	-0.53	1%	0
019.43	Calcium, ICP, Microwave (%)	0297	0.85000	0.08000	0.86692	0.04357	0.02126	32	-0.39	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	0.85050	0.01300	0.86692	0.04357	0.02126	32	-0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0034	0.85070	0.01740	0.86692	0.04357	0.02126	32	-0.37	1%	0
019.43	Calcium, ICP, Microwave (%)	0861	0.85200	0.00400	0.86692	0.04357	0.02126	32	-0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	0.86500	0.03000	0.86692	0.04357	0.02126	32	-0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	0353	0.87000	0.08000	0.86692	0.04357	0.02126	32	0.07	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	0.87495	0.00550	0.86692	0.04357	0.02126	32	0.18	0%	0
019.43	Calcium, ICP, Microwave (%)	0035	0.87500	0.03000	0.86692	0.04357	0.02126	32	0.19	0%	0



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019.43	Calcium, ICP, Microwave (%)	0668	0.87550	0.01300	0.86692	0.04357	0.02126	32	0.20	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.88000	0.00000	0.86692	0.04357	0.02126	32	0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	0.88450	0.00900	0.86692	0.04357	0.02126	32	0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0089	0.89000	0.00000	0.86692	0.04357	0.02126	32	0.53	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	0.89000	0.00000	0.86692	0.04357	0.02126	32	0.53	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	0.89500	0.01000	0.86692	0.04357	0.02126	32	0.64	2%	0
019.43	Calcium, ICP, Microwave (%)	2066	0.89500	0.09000	0.86692	0.04357	0.02126	32	0.64	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	0.90000	0.00000	0.86692	0.04357	0.02126	32	0.76	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	0.90550	0.00300	0.86692	0.04357	0.02126	32	0.89	2%	0
019.43	Calcium, ICP, Microwave (%)	0505	0.91000	0.04000	0.86692	0.04357	0.02126	32	0.99	2%	0
019.43	Calcium, ICP, Microwave (%)	0006	0.91950	0.01100	0.86692	0.04357	0.02126	32	1.21	3%	0
019.43	Calcium, ICP, Microwave (%)	0968	0.92350	0.00700	0.86692	0.04357	0.02126	32	1.30	3%	0
019.43	Calcium, ICP, Microwave (%)	0017	0.94650	0.00100	0.86692	0.04357	0.02126	32	1.83	5%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.1100	0.02000	0.86692	0.04357	0.02126	32	5.58	14%	0
019.43	Calcium, ICP, Microwave (%)	0028	0.83500	0.21000	0.86692	0.04357	0.02126	32	-0.73	2%	1
019.51	Calcium, ICP-MS, Dry ash (%)	2146	0.93000	0.06000				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	0.91150	0.02700				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.92000	0.00000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.99595	0.04950				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	0.90500	0.06400				1			0
019.99	Calcium, Miscellaneous (%)	0590	0.81000	0.04000	0.89750	0.06072	0.02167	6	-1.44	5%	0
019.99	Calcium, Miscellaneous (%)	0676	0.85500	0.05000	0.89750	0.06072	0.02167	6	-0.70	2%	0
019.99	Calcium, Miscellaneous (%)	0100	0.91500	0.03000	0.89750	0.06072	0.02167	6	0.29	1%	0
019.99	Calcium, Miscellaneous (%)	0242	0.92000	0.00000	0.89750	0.06072	0.02167	6	0.37	1%	0
019.99	Calcium, Miscellaneous (%)	2215	0.94000	0.00000	0.89750	0.06072	0.02167	6	0.70	2%	0
019.99	Calcium, Miscellaneous (%)	2144	0.94500	0.01000	0.89750	0.06072	0.02167	6	0.78	3%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	< 1					0			5
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	0.06750	0.00300				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	0.12200	0.00000				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0148	4.1200	0.00000				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0726	0.16000	0.00000				2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0504	0.16950	0.08900				2			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	0.13500	0.01000				1			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	< 0.2					1			5
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.07500	0.03000				2			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.11950	0.02500				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.07050	0.00300				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	0.07105	0.01130				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.08040	0.00760				3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2188	7.3850	0.91000	10.850	2.5040	0.90028	12	-1.38	16%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	9.1150	0.27000	10.850	2.5040	0.90028	12	-0.69	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	9.4850	0.47000	10.850	2.5040	0.90028	12	-0.55	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	
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0596	9.7050	3.0900	10.850	2.5040	0.90028	12	-0.46	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	10.000	0.00000	10.850	2.5040	0.90028	12	-0.34	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0722	10.059	0.00050	10.850	2.5040	0.90028	12	-0.32	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	10.090	0.18000	10.850	2.5040	0.90028	12	-0.30	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2196	10.400	0.00000	10.850	2.5040	0.90028	12	-0.18	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	11.620	1.7400	10.850	2.5040	0.90028	12	0.31	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	13.405	0.09000	10.850	2.5040	0.90028	12	1.02	12%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2097	14.327	2.9829	10.850	2.5040	0.90028	12	1.39	16%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2195	31.965	1.0700	10.850	2.5040	0.90028	12	8.43	97%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	10.187	0.00000				2			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	15.350	2.8400				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	9.7000	0.00000				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	11.439	0.35800				2			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	2.7600	0.84000	11.501	2.4732	1.9909	22	-3.53	38%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	7.6750	0.01000	11.501	2.4732	1.9909	22	-1.55	17%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	9.0000	0.00000	11.501	2.4732	1.9909	22	-1.01	11%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0695	9.6150	0.51000	11.501	2.4732	1.9909	22	-0.76	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	9.7550	0.01000	11.501	2.4732	1.9909	22	-0.71	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	9.9417	0.90890	11.501	2.4732	1.9909	22	-0.63	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	10.050	1.9000	11.501	2.4732	1.9909	22	-0.59	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	10.500	1.0000	11.501	2.4732	1.9909	22	-0.40	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	10.500	1.0000	11.501	2.4732	1.9909	22	-0.40	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	11.160	0.84000	11.501	2.4732	1.9909	22	-0.14	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	11.200	3.0000	11.501	2.4732	1.9909	22	-0.12	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	11.525	1.6500	11.501	2.4732	1.9909	22	0.01	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	11.925	1.5100	11.501	2.4732	1.9909	22	0.17	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	12.165	0.83000	11.501	2.4732	1.9909	22	0.27	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	12.390	3.5400	11.501	2.4732	1.9909	22	0.36	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	12.500	3.0000	11.501	2.4732	1.9909	22	0.40	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	12.825	2.6300	11.501	2.4732	1.9909	22	0.54	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	13.000	8.0000	11.501	2.4732	1.9909	22	0.61	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	13.750	0.12000	11.501	2.4732	1.9909	22	0.91	10%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	15.500	5.0000	11.501	2.4732	1.9909	22	1.62	17%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	20.240	7.5000	11.501	2.4732	1.9909	22	3.53	38%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	20.600	0.00000	11.501	2.4732	1.9909	22	3.68	40%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	4.7500	0.30000	10.722	3.2079	1.8748	21	-1.86	28%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	6.5000	1.0000	10.722	3.2079	1.8748	21	-1.32	20%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	7.6000	3.6000	10.722	3.2079	1.8748	21	-0.97	15%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	8.1150	2.5100	10.722	3.2079	1.8748	21	-0.81	12%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	9.0425	0.45900	10.722	3.2079	1.8748	21	-0.52	8%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	9.0950	0.19000	10.722	3.2079	1.8748	21	-0.51	8%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	9.2000	1.4000	10.722	3.2079	1.8748	21	-0.47	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	
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	9.8440	1.4680	10.722	3.2079	1.8748	21	-0.27	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	10.350	0.50000	10.722	3.2079	1.8748	21	-0.12	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	10.395	0.47000	10.722	3.2079	1.8748	21	-0.10	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0504	10.665	0.45000	10.722	3.2079	1.8748	21	-0.02	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2053	10.760	1.0800	10.722	3.2079	1.8748	21	0.01	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	10.795	2.7700	10.722	3.2079	1.8748	21	0.02	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0263	10.911	0.46400	10.722	3.2079	1.8748	21	0.06	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	11.000	0.00000	10.722	3.2079	1.8748	21	0.09	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	11.395	0.59000	10.722	3.2079	1.8748	21	0.21	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	11.450	1.3000	10.722	3.2079	1.8748	21	0.23	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	17.000	4.0000	10.722	3.2079	1.8748	21	1.96	29%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	18.300	8.6000	10.722	3.2079	1.8748	21	2.36	35%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	20.210	0.02000	10.722	3.2079	1.8748	21	2.96	44%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	21.300	8.2000	10.722	3.2079	1.8748	21	3.30	49%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0505	3.4950	0.17000	10.849	3.7506	1.5978	23	-1.96	34%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	7.0000	2.0000	10.849	3.7506	1.5978	23	-1.03	18%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	7.0000	2.0000	10.849	3.7506	1.5978	23	-1.03	18%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	7.6850	0.69000	10.849	3.7506	1.5978	23	-0.84	15%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0017	7.8045	0.81700	10.849	3.7506	1.5978	23	-0.81	14%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	7.8750	1.2100	10.849	3.7506	1.5978	23	-0.79	14%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	7.9550	3.1500	10.849	3.7506	1.5978	23	-0.77	13%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	9.3000	0.80000	10.849	3.7506	1.5978	23	-0.41	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	10.050	0.30000	10.849	3.7506	1.5978	23	-0.21	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	10.200	0.00000	10.849	3.7506	1.5978	23	-0.17	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	10.330	0.02000	10.849	3.7506	1.5978	23	-0.14	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	10.500	1.0000	10.849	3.7506	1.5978	23	-0.09	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	10.500	1.0000	10.849	3.7506	1.5978	23	-0.09	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	10.700	0.00000	10.849	3.7506	1.5978	23	-0.04	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0668	10.960	3.6800	10.849	3.7506	1.5978	23	0.03	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	11.100	5.6000	10.849	3.7506	1.5978	23	0.07	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	12.698	2.2625	10.849	3.7506	1.5978	23	0.49	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	13.094	2.4980	10.849	3.7506	1.5978	23	0.60	10%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	15.000	2.0000	10.849	3.7506	1.5978	23	1.11	19%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	15.195	4.9700	10.849	3.7506	1.5978	23	1.16	20%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2066	16.450	0.10000	10.849	3.7506	1.5978	23	1.49	26%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	16.451	2.0630	10.849	3.7506	1.5978	23	1.49	26%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	16.460	0.42000	10.849	3.7506	1.5978	23	1.50	26%	0
022.51	Copper, ICP-MS, Dry ash (mg / kg (ppm))	2146	6.0450	0.83000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	9.6800	3.8400				2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	19.285	5.1900				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	7.5000	1.0000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	8.0000	0.00000				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			
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	14.245	3.7900				3			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	1.8850	0.45000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	89.900	1.8800	113.96	17.403	6.2324	14	-1.38	11%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	95.450	1.7000	113.96	17.403	6.2324	14	-1.06	8%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2195	96.860	2.8400	113.96	17.403	6.2324	14	-0.98	8%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	102.22	3.1800	113.96	17.403	6.2324	14	-0.67	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	106.00	12.000	113.96	17.403	6.2324	14	-0.46	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0656	106.26	18.180	113.96	17.403	6.2324	14	-0.44	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2188	115.75	1.1000	113.96	17.403	6.2324	14	0.10	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0722	116.56	0.11340	113.96	17.403	6.2324	14	0.15	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2097	117.69	13.480	113.96	17.403	6.2324	14	0.21	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2196	119.00	0.00000	113.96	17.403	6.2324	14	0.29	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	122.08	0.95000	113.96	17.403	6.2324	14	0.47	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	132.62	7.6300	113.96	17.403	6.2324	14	1.07	8%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	135.00	10.000	113.96	17.403	6.2324	14	1.21	9%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	167.90	14.200	113.96	17.403	6.2324	14	3.10	24%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	2128	127.56	0.00000				1			0
025.34	Iron, AAS, Dry ash (mg / kg (ppm))	0904	124.60	3.3300				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	86.100	5.4000	112.99	16.591	6.9693	23	-1.62	12%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	90.000	8.0000	112.99	16.591	6.9693	23	-1.39	10%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0695	94.642	1.6040	112.99	16.591	6.9693	23	-1.11	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	96.500	9.0000	112.99	16.591	6.9693	23	-0.99	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	99.325	8.0500	112.99	16.591	6.9693	23	-0.82	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	99.845	1.5100	112.99	16.591	6.9693	23	-0.79	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	104.00	2.0000	112.99	16.591	6.9693	23	-0.54	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0653	108.95	7.1000	112.99	16.591	6.9693	23	-0.24	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	110.50	25.000	112.99	16.591	6.9693	23	-0.15	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	111.00	4.0000	112.99	16.591	6.9693	23	-0.12	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	111.70	1.4000	112.99	16.591	6.9693	23	-0.08	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	112.60	1.4000	112.99	16.591	6.9693	23	-0.02	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	113.98	5.1689	112.99	16.591	6.9693	23	0.06	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	114.00	8.0000	112.99	16.591	6.9693	23	0.06	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	115.45	12.100	112.99	16.591	6.9693	23	0.15	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	115.55	2.9000	112.99	16.591	6.9693	23	0.15	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	120.93	7.3100	112.99	16.591	6.9693	23	0.48	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	123.00	0.00000	112.99	16.591	6.9693	23	0.60	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	123.50	7.0000	112.99	16.591	6.9693	23	0.63	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	131.87	17.600	112.99	16.591	6.9693	23	1.14	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	137.50	1.0000	112.99	16.591	6.9693	23	1.48	11%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	139.58	9.0600	112.99	16.591	6.9693	23	1.60	12%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	142.00	15.690	112.99	16.591	6.9693	23	1.75	13%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	87.060	3.9800	111.78	10.729	11.437	16	-2.30	11%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	91.000	0.20000	111.78	10.729	11.437	16	-1.94	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	104.00	2.0000	111.78	10.729	11.437	16	-0.73	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0263	105.33	0.93000	111.78	10.729	11.437	16	-0.60	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0504	105.70	11.400	111.78	10.729	11.437	16	-0.57	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	108.40	13.230	111.78	10.729	11.437	16	-0.32	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	109.50	9.0000	111.78	10.729	11.437	16	-0.21	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	112.00	10.000	111.78	10.729	11.437	16	0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	112.00	24.000	111.78	10.729	11.437	16	0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	112.50	31.000	111.78	10.729	11.437	16	0.07	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	116.00	4.0000	111.78	10.729	11.437	16	0.39	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	116.37	1.9300	111.78	10.729	11.437	16	0.43	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	118.35	0.10000	111.78	10.729	11.437	16	0.61	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	123.98	46.760	111.78	10.729	11.437	16	1.14	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	125.14	1.4600	111.78	10.729	11.437	16	1.25	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	131.50	23.000	111.78	10.729	11.437	16	1.84	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2192	80.010	14.780	108.23	12.036	8.2215	22	-2.34	13%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	87.500	11.000	108.23	12.036	8.2215	22	-1.72	10%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	95.300	1.4000	108.23	12.036	8.2215	22	-1.07	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	95.900	1.8000	108.23	12.036	8.2215	22	-1.02	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0668	98.800	14.400	108.23	12.036	8.2215	22	-0.78	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	99.697	1.8480	108.23	12.036	8.2215	22	-0.71	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	100.59	13.120	108.23	12.036	8.2215	22	-0.63	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	103.00	4.0000	108.23	12.036	8.2215	22	-0.43	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	104.50	9.0000	108.23	12.036	8.2215	22	-0.31	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2055	109.00	14.000	108.23	12.036	8.2215	22	0.06	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0017	109.34	28.664	108.23	12.036	8.2215	22	0.09	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	110.50	1.0000	108.23	12.036	8.2215	22	0.19	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0505	110.90	8.6000	108.23	12.036	8.2215	22	0.22	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	112.00	8.0000	108.23	12.036	8.2215	22	0.31	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	112.66	0.00000	108.23	12.036	8.2215	22	0.37	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	112.95	1.1000	108.23	12.036	8.2215	22	0.39	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	113.50	5.0000	108.23	12.036	8.2215	22	0.44	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	119.19	16.530	108.23	12.036	8.2215	22	0.91	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	120.60	5.0000	108.23	12.036	8.2215	22	1.03	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	121.92	13.630	108.23	12.036	8.2215	22	1.14	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	124.00	8.0000	108.23	12.036	8.2215	22	1.31	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	138.00	0.00000	108.23	12.036	8.2215	22	2.47	14%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	276.12	54.550	108.23	12.036	8.2215	22	13.95	78%	2
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	106.25	21.500				1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	104.00	8.0000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	115.50	5.0000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.08500	0.01000	0.11183	0.00644	0.00262	14	-4.17	12%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.31	Magnesium, AAS, Dry ash (%)	2022	0.10300	0.00000	0.11183	0.00644	0.00262	14	-1.37	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.10500	0.01000	0.11183	0.00644	0.00262	14	-1.06	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.11000	0.00000	0.11183	0.00644	0.00262	14	-0.28	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.11000	0.00000	0.11183	0.00644	0.00262	14	-0.28	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.11000	0.00000	0.11183	0.00644	0.00262	14	-0.28	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.11000	0.00000	0.11183	0.00644	0.00262	14	-0.28	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.11430	0.00340	0.11183	0.00644	0.00262	14	0.38	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.11500	0.01000	0.11183	0.00644	0.00262	14	0.49	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2097	0.11515	0.00010	0.11183	0.00644	0.00262	14	0.52	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.11550	0.00220	0.11183	0.00644	0.00262	14	0.57	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.11550	0.00100	0.11183	0.00644	0.00262	14	0.57	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.12000	0.00000	0.11183	0.00644	0.00262	14	1.27	4%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.12000	0.00000	0.11183	0.00644	0.00262	14	1.27	4%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.12750	0.00300				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.10200	0.00200				1			0
027.41	Magnesium, ICP, Dry ash (%)	2145	0.10090	0.00080	0.11328	0.00596	0.00262	25	-2.08	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.10500	0.01000	0.11328	0.00596	0.00262	25	-1.39	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.10500	0.01000	0.11328	0.00596	0.00262	25	-1.39	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.10750	0.00500	0.11328	0.00596	0.00262	25	-0.97	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.11000	0.00000	0.11328	0.00596	0.00262	25	-0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.11000	0.00000	0.11328	0.00596	0.00262	25	-0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.11000	0.00000	0.11328	0.00596	0.00262	25	-0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.11000	0.00000	0.11328	0.00596	0.00262	25	-0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.11000	0.00000	0.11328	0.00596	0.00262	25	-0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.11000	0.00000	0.11328	0.00596	0.00262	25	-0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.11200	0.00000	0.11328	0.00596	0.00262	25	-0.21	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.11235	0.00330	0.11328	0.00596	0.00262	25	-0.16	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.11250	0.00100	0.11328	0.00596	0.00262	25	-0.13	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0695	0.11350	0.00100	0.11328	0.00596	0.00262	25	0.04	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.11500	0.01000	0.11328	0.00596	0.00262	25	0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.11500	0.01000	0.11328	0.00596	0.00262	25	0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.11500	0.01000	0.11328	0.00596	0.00262	25	0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.11550	0.00040	0.11328	0.00596	0.00262	25	0.37	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.11685	0.00090	0.11328	0.00596	0.00262	25	0.60	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.11800	0.00000	0.11328	0.00596	0.00262	25	0.79	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.12000	0.00000	0.11328	0.00596	0.00262	25	1.13	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.12000	0.00000	0.11328	0.00596	0.00262	25	1.13	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.12000	0.00000	0.11328	0.00596	0.00262	25	1.13	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0653	0.12250	0.00300	0.11328	0.00596	0.00262	25	1.55	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.12500	0.00000	0.11328	0.00596	0.00262	25	1.97	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.10030	0.00100	0.11653	0.01031	0.00477	21	-1.57	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.10600	0.01200	0.11653	0.01031	0.00477	21	-1.02	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			
027.42	Magnesium, ICP, Open vessel (%)	0560	0.10735	0.00030	0.11653	0.01031	0.00477	21	-0.89	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.10900	0.00400	0.11653	0.01031	0.00477	21	-0.73	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.11000	0.00000	0.11653	0.01031	0.00477	21	-0.63	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.11000	0.00000	0.11653	0.01031	0.00477	21	-0.63	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.11000	0.00000	0.11653	0.01031	0.00477	21	-0.63	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.11000	0.00000	0.11653	0.01031	0.00477	21	-0.63	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.11145	0.00010	0.11653	0.01031	0.00477	21	-0.49	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.11330	0.00780	0.11653	0.01031	0.00477	21	-0.31	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.11500	0.01000	0.11653	0.01031	0.00477	21	-0.15	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.11500	0.01000	0.11653	0.01031	0.00477	21	-0.15	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.11635	0.00190	0.11653	0.01031	0.00477	21	-0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.12000	0.02000	0.11653	0.01031	0.00477	21	0.34	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.12200	0.00200	0.11653	0.01031	0.00477	21	0.53	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.12400	0.00000	0.11653	0.01031	0.00477	21	0.72	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.12500	0.01000	0.11653	0.01031	0.00477	21	0.82	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.12850	0.00100	0.11653	0.01031	0.00477	21	1.16	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.12915	0.00010	0.11653	0.01031	0.00477	21	1.22	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.13500	0.01000	0.11653	0.01031	0.00477	21	1.79	8%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.13500	0.01000	0.11653	0.01031	0.00477	21	1.79	8%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.61635	0.99890	0.11653	0.01031	0.00477	21	48.49	214%	2
027.43	Magnesium, ICP, Microwave (%)	2055	0.09995	0.00210	0.11093	0.00900	0.00267	23	-1.22	5%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.10000	0.00000	0.11093	0.00900	0.00267	23	-1.21	5%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.10000	0.00000	0.11093	0.00900	0.00267	23	-1.21	5%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.10200	0.00200	0.11093	0.00900	0.00267	23	-0.99	4%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.10300	0.00200	0.11093	0.00900	0.00267	23	-0.88	4%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.10500	0.01000	0.11093	0.00900	0.00267	23	-0.66	3%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.10500	0.01000	0.11093	0.00900	0.00267	23	-0.66	3%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.10550	0.00100	0.11093	0.00900	0.00267	23	-0.60	2%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.10650	0.00300	0.11093	0.00900	0.00267	23	-0.49	2%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.10900	0.00000	0.11093	0.00900	0.00267	23	-0.21	1%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.10950	0.00500	0.11093	0.00900	0.00267	23	-0.16	1%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.11000	0.00000	0.11093	0.00900	0.00267	23	-0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.11000	0.00000	0.11093	0.00900	0.00267	23	-0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.11150	0.00220	0.11093	0.00900	0.00267	23	0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.11200	0.00000	0.11093	0.00900	0.00267	23	0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.11500	0.01000	0.11093	0.00900	0.00267	23	0.45	2%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.12000	0.00000	0.11093	0.00900	0.00267	23	1.01	4%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.12000	0.00000	0.11093	0.00900	0.00267	23	1.01	4%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.12000	0.00000	0.11093	0.00900	0.00267	23	1.01	4%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.12000	0.00000	0.11093	0.00900	0.00267	23	1.01	4%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.12000	0.00000	0.11093	0.00900	0.00267	23	1.01	4%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.12300	0.00400	0.11093	0.00900	0.00267	23	1.34	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			
027.43	Magnesium, ICP, Microwave (%)	0675	0.13500	0.01000	0.11093	0.00900	0.00267	23	2.67	11%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.11000	0.02000	0.11093	0.00900	0.00267	23	-0.10	0%	1
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.11670	0.01620				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.11800	0.00600				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.11950	0.00500				1			0
027.99	Magnesium, Miscellaneous (%)	0242	0.11000	0.00000				2			0
027.99	Magnesium, Miscellaneous (%)	0100	0.12000	0.00000				2			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2195	26.235	0.39000	41.056	6.5504	1.5522	11	-2.26	18%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	34.450	1.7000	41.056	6.5504	1.5522	11	-1.01	8%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	35.180	0.90000	41.056	6.5504	1.5522	11	-0.90	7%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0722	37.661	0.08770	41.056	6.5504	1.5522	11	-0.52	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0656	41.315	5.4900	41.056	6.5504	1.5522	11	0.04	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2097	42.342	1.0069	41.056	6.5504	1.5522	11	0.20	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	43.150	2.0400	41.056	6.5504	1.5522	11	0.32	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2196	43.200	0.00000	41.056	6.5504	1.5522	11	0.33	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2188	46.195	2.7700	41.056	6.5504	1.5522	11	0.78	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	47.720	0.48000	41.056	6.5504	1.5522	11	1.02	8%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	49.175	2.2100	41.056	6.5504	1.5522	11	1.24	10%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	45.000	10.000	41.056	6.5504	1.5522	11	0.60	5%	1
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	43.605	11.910				2			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	54.738	0.00000				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	35.561	0.86900				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	24.660	0.88000	43.357	6.5295	3.0064	20	-2.86	22%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	36.500	1.0000	43.357	6.5295	3.0064	20	-1.05	8%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	37.885	4.2300	43.357	6.5295	3.0064	20	-0.84	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	38.500	1.0000	43.357	6.5295	3.0064	20	-0.74	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	38.500	0.44000	43.357	6.5295	3.0064	20	-0.74	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	40.000	4.0000	43.357	6.5295	3.0064	20	-0.51	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0695	40.760	1.1830	43.357	6.5295	3.0064	20	-0.40	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	40.825	0.89000	43.357	6.5295	3.0064	20	-0.39	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	40.890	6.4400	43.357	6.5295	3.0064	20	-0.38	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	41.500	5.0000	43.357	6.5295	3.0064	20	-0.28	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0653	41.715	2.4700	43.357	6.5295	3.0064	20	-0.25	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	43.000	4.0000	43.357	6.5295	3.0064	20	-0.05	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	44.105	7.1300	43.357	6.5295	3.0064	20	0.11	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	44.915	5.5500	43.357	6.5295	3.0064	20	0.24	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	47.020	3.8600	43.357	6.5295	3.0064	20	0.56	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	47.350	5.3000	43.357	6.5295	3.0064	20	0.61	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	50.734	3.5649	43.357	6.5295	3.0064	20	1.13	9%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	53.075	0.19000	43.357	6.5295	3.0064	20	1.49	11%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	55.500	3.0000	43.357	6.5295	3.0064	20	1.86	14%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	63.500	0.00000	43.357	6.5295	3.0064	20	3.08	23%	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	
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	54.500	23.000	43.357	6.5295	3.0064	20	1.71	13%	1
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	31.135	1.0900	45.689	5.4740	3.3172	18	-2.66	16%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0504	38.605	3.0500	45.689	5.4740	3.3172	18	-1.29	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	40.020	3.7600	45.689	5.4740	3.3172	18	-1.04	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	42.500	5.0000	45.689	5.4740	3.3172	18	-0.58	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	42.550	7.7000	45.689	5.4740	3.3172	18	-0.57	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	42.950	4.3000	45.689	5.4740	3.3172	18	-0.50	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	43.971	3.9570	45.689	5.4740	3.3172	18	-0.31	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	44.350	3.7000	45.689	5.4740	3.3172	18	-0.24	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	45.685	2.4300	45.689	5.4740	3.3172	18	0.00	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	46.420	0.82000	45.689	5.4740	3.3172	18	0.13	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0263	46.511	0.97300	45.689	5.4740	3.3172	18	0.15	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	46.527	3.0290	45.689	5.4740	3.3172	18	0.15	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	46.765	4.4700	45.689	5.4740	3.3172	18	0.20	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	47.000	0.00000	45.689	5.4740	3.3172	18	0.24	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	50.275	3.4300	45.689	5.4740	3.3172	18	0.84	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	53.000	6.0000	45.689	5.4740	3.3172	18	1.34	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	61.000	2.0000	45.689	5.4740	3.3172	18	2.80	17%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	69.000	4.0000	45.689	5.4740	3.3172	18	4.26	26%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	53.000	22.000	45.689	5.4740	3.3172	18	1.34	8%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	0.11500	0.01000	43.255	7.2688	3.7466	21	-5.93	50%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0017	33.463	6.0600	43.255	7.2688	3.7466	21	-1.35	11%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	33.855	1.3300	43.255	7.2688	3.7466	21	-1.29	11%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	37.020	13.780	43.255	7.2688	3.7466	21	-0.86	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	37.750	4.1000	43.255	7.2688	3.7466	21	-0.76	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	38.350	0.50000	43.255	7.2688	3.7466	21	-0.67	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	38.450	1.9000	43.255	7.2688	3.7466	21	-0.66	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	41.500	5.0000	43.255	7.2688	3.7466	21	-0.24	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	43.000	6.0000	43.255	7.2688	3.7466	21	-0.04	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	43.200	0.00000	43.255	7.2688	3.7466	21	-0.01	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	43.470	10.240	43.255	7.2688	3.7466	21	0.03	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	44.305	1.1430	43.255	7.2688	3.7466	21	0.14	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	44.500	5.0000	43.255	7.2688	3.7466	21	0.17	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	45.150	0.90000	43.255	7.2688	3.7466	21	0.26	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	46.000	2.0000	43.255	7.2688	3.7466	21	0.38	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	48.565	2.5100	43.255	7.2688	3.7466	21	0.73	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	48.743	5.6751	43.255	7.2688	3.7466	21	0.76	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0668	50.300	3.2000	43.255	7.2688	3.7466	21	0.97	8%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	51.225	1.3300	43.255	7.2688	3.7466	21	1.10	9%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	53.000	2.0000	43.255	7.2688	3.7466	21	1.34	11%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	56.000	6.0000	43.255	7.2688	3.7466	21	1.75	15%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	46.850	2.1000				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	39.000	0.80000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2192	39.525	0.59000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	41.000	6.0000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	53.000	4.0000				2			0
031.00	Phosphorus, Vol (%)	0893	0.76000	0.00000				1			0
031.01	Phosphorus, Photometric (%)	0656	0.39000	0.00000	0.72360	0.03284	0.01141	47	-10.16	23%	0
031.01	Phosphorus, Photometric (%)	0152	0.45000	0.00000	0.72360	0.03284	0.01141	47	-8.33	19%	0
031.01	Phosphorus, Photometric (%)	0108	0.59500	0.09000	0.72360	0.03284	0.01141	47	-3.92	9%	0
031.01	Phosphorus, Photometric (%)	0874	0.63320	0.00940	0.72360	0.03284	0.01141	47	-2.75	6%	0
031.01	Phosphorus, Photometric (%)	2199	0.65000	0.00000	0.72360	0.03284	0.01141	47	-2.24	5%	0
031.01	Phosphorus, Photometric (%)	0868	0.66000	0.00000	0.72360	0.03284	0.01141	47	-1.94	4%	0
031.01	Phosphorus, Photometric (%)	2200	0.68500	0.03000	0.72360	0.03284	0.01141	47	-1.18	3%	0
031.01	Phosphorus, Photometric (%)	2215	0.69000	0.00000	0.72360	0.03284	0.01141	47	-1.02	2%	0
031.01	Phosphorus, Photometric (%)	0175	0.69500	0.01000	0.72360	0.03284	0.01141	47	-0.87	2%	0
031.01	Phosphorus, Photometric (%)	0233	0.69500	0.01000	0.72360	0.03284	0.01141	47	-0.87	2%	0
031.01	Phosphorus, Photometric (%)	0511	0.70000	0.04000	0.72360	0.03284	0.01141	47	-0.72	2%	0
031.01	Phosphorus, Photometric (%)	0897	0.70500	0.01000	0.72360	0.03284	0.01141	47	-0.57	1%	0
031.01	Phosphorus, Photometric (%)	0674	0.71000	0.00000	0.72360	0.03284	0.01141	47	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	2126	0.71500	0.01000	0.72360	0.03284	0.01141	47	-0.26	1%	0
031.01	Phosphorus, Photometric (%)	0623	0.71515	0.00710	0.72360	0.03284	0.01141	47	-0.26	1%	0
031.01	Phosphorus, Photometric (%)	2062	0.71600	0.00200	0.72360	0.03284	0.01141	47	-0.23	1%	0
031.01	Phosphorus, Photometric (%)	2009	0.71820	0.00100	0.72360	0.03284	0.01141	47	-0.16	0%	0
031.01	Phosphorus, Photometric (%)	0142	0.71890	0.00580	0.72360	0.03284	0.01141	47	-0.14	0%	0
031.01	Phosphorus, Photometric (%)	0590	0.72000	0.02000	0.72360	0.03284	0.01141	47	-0.11	0%	0
031.01	Phosphorus, Photometric (%)	0596	0.72000	0.00000	0.72360	0.03284	0.01141	47	-0.11	0%	0
031.01	Phosphorus, Photometric (%)	0689	0.72000	0.02000	0.72360	0.03284	0.01141	47	-0.11	0%	0
031.01	Phosphorus, Photometric (%)	0018	0.72200	0.00200	0.72360	0.03284	0.01141	47	-0.05	0%	0
031.01	Phosphorus, Photometric (%)	0849	0.72350	0.00700	0.72360	0.03284	0.01141	47	0.00	0%	0
031.01	Phosphorus, Photometric (%)	0904	0.72500	0.03000	0.72360	0.03284	0.01141	47	0.04	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.72800	0.00200	0.72360	0.03284	0.01141	47	0.13	0%	0
031.01	Phosphorus, Photometric (%)	2196	0.72800	0.00000	0.72360	0.03284	0.01141	47	0.13	0%	0
031.01	Phosphorus, Photometric (%)	2190	0.72935	0.01990	0.72360	0.03284	0.01141	47	0.18	0%	0
031.01	Phosphorus, Photometric (%)	0354	0.73000	0.00000	0.72360	0.03284	0.01141	47	0.19	0%	0
031.01	Phosphorus, Photometric (%)	0626	0.73000	0.00200	0.72360	0.03284	0.01141	47	0.19	0%	0
031.01	Phosphorus, Photometric (%)	2192	0.73000	0.00000	0.72360	0.03284	0.01141	47	0.19	0%	0
031.01	Phosphorus, Photometric (%)	0683	0.73500	0.01000	0.72360	0.03284	0.01141	47	0.35	1%	0
031.01	Phosphorus, Photometric (%)	0878	0.73500	0.01000	0.72360	0.03284	0.01141	47	0.35	1%	0
031.01	Phosphorus, Photometric (%)	0884	0.73500	0.01000	0.72360	0.03284	0.01141	47	0.35	1%	0
031.01	Phosphorus, Photometric (%)	2152	0.73500	0.01000	0.72360	0.03284	0.01141	47	0.35	1%	0
031.01	Phosphorus, Photometric (%)	2188	0.73500	0.01000	0.72360	0.03284	0.01141	47	0.35	1%	0
031.01	Phosphorus, Photometric (%)	2022	0.74000	0.00000	0.72360	0.03284	0.01141	47	0.50	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.74200	0.00600	0.72360	0.03284	0.01141	47	0.56	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.01	Phosphorus, Photometric (%)	0939	0.74500	0.03000	0.72360	0.03284	0.01141	47	0.65	1%	0
031.01	Phosphorus, Photometric (%)	2193	0.75000	0.00000	0.72360	0.03284	0.01141	47	0.80	2%	0
031.01	Phosphorus, Photometric (%)	2195	0.75000	0.00000	0.72360	0.03284	0.01141	47	0.80	2%	0
031.01	Phosphorus, Photometric (%)	2097	0.75490	0.00440	0.72360	0.03284	0.01141	47	0.95	2%	0
031.01	Phosphorus, Photometric (%)	2109	0.77350	0.03900	0.72360	0.03284	0.01141	47	1.52	3%	0
031.01	Phosphorus, Photometric (%)	2006	0.77600	0.00600	0.72360	0.03284	0.01141	47	1.60	4%	0
031.01	Phosphorus, Photometric (%)	0885	0.77850	0.00320	0.72360	0.03284	0.01141	47	1.67	4%	0
031.01	Phosphorus, Photometric (%)	2198	0.80500	0.01000	0.72360	0.03284	0.01141	47	2.48	6%	0
031.01	Phosphorus, Photometric (%)	0038	0.81185	0.03630	0.72360	0.03284	0.01141	47	2.69	6%	0
031.01	Phosphorus, Photometric (%)	2031	0.89140	0.02320	0.72360	0.03284	0.01141	47	5.11	12%	0
031.01	Phosphorus, Photometric (%)	2128	0.62650	0.15100	0.72360	0.03284	0.01141	47	-2.96	7%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.73500	0.01000				2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.77000	0.00000				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.67000	0.00000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.74150	0.00900				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.74415	0.00050				3			0
031.06	Phosphorus, Hach Method (%)	0536	0.81500	0.01000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.65000	0.00000	0.72229	0.03687	0.01461	26	-1.96	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.67000	0.02000	0.72229	0.03687	0.01461	26	-1.42	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.67500	0.03000	0.72229	0.03687	0.01461	26	-1.28	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.67975	0.02810	0.72229	0.03687	0.01461	26	-1.15	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.69000	0.02000	0.72229	0.03687	0.01461	26	-0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.70500	0.05000	0.72229	0.03687	0.01461	26	-0.47	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.70800	0.00200	0.72229	0.03687	0.01461	26	-0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.71000	0.02000	0.72229	0.03687	0.01461	26	-0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.71000	0.00000	0.72229	0.03687	0.01461	26	-0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.71000	0.00000	0.72229	0.03687	0.01461	26	-0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.71000	0.04000	0.72229	0.03687	0.01461	26	-0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2145	0.71110	0.00940	0.72229	0.03687	0.01461	26	-0.30	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.72000	0.00000	0.72229	0.03687	0.01461	26	-0.06	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.72100	0.05000	0.72229	0.03687	0.01461	26	-0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.72150	0.00300	0.72229	0.03687	0.01461	26	-0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.72500	0.01000	0.72229	0.03687	0.01461	26	0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0695	0.72900	0.01000	0.72229	0.03687	0.01461	26	0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.73000	0.02000	0.72229	0.03687	0.01461	26	0.21	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.73000	0.00000	0.72229	0.03687	0.01461	26	0.21	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0653	0.74450	0.00300	0.72229	0.03687	0.01461	26	0.60	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.75000	0.00000	0.72229	0.03687	0.01461	26	0.75	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.76000	0.00000	0.72229	0.03687	0.01461	26	1.02	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.77000	0.02000	0.72229	0.03687	0.01461	26	1.29	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.78775	0.03790	0.72229	0.03687	0.01461	26	1.78	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.80455	0.00250	0.72229	0.03687	0.01461	26	2.23	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			
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.81500	0.00400	0.72229	0.03687	0.01461	26	2.51	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.68050	0.01200	0.73743	0.04029	0.02105	22	-1.41	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.68850	0.04500	0.73743	0.04029	0.02105	22	-1.21	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.69000	0.07600	0.73743	0.04029	0.02105	22	-1.18	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.70450	0.01600	0.73743	0.04029	0.02105	22	-0.82	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.70500	0.03000	0.73743	0.04029	0.02105	22	-0.80	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.71750	0.00900	0.73743	0.04029	0.02105	22	-0.49	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.71750	0.00300	0.73743	0.04029	0.02105	22	-0.49	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.71900	0.01000	0.73743	0.04029	0.02105	22	-0.46	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.71940	0.04540	0.73743	0.04029	0.02105	22	-0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.72080	0.00560	0.73743	0.04029	0.02105	22	-0.41	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.73360	0.00040	0.73743	0.04029	0.02105	22	-0.09	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.73775	0.00370	0.73743	0.04029	0.02105	22	0.01	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.74000	0.02000	0.73743	0.04029	0.02105	22	0.06	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.74500	0.01000	0.73743	0.04029	0.02105	22	0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.74500	0.01000	0.73743	0.04029	0.02105	22	0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.75500	0.01000	0.73743	0.04029	0.02105	22	0.44	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.76000	0.02000	0.73743	0.04029	0.02105	22	0.56	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.77000	0.00000	0.73743	0.04029	0.02105	22	0.81	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.78385	0.00570	0.73743	0.04029	0.02105	22	1.15	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.79500	0.09000	0.73743	0.04029	0.02105	22	1.43	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.79760	0.03140	0.73743	0.04029	0.02105	22	1.49	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.82500	0.01000	0.73743	0.04029	0.02105	22	2.17	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.79000	0.14000	0.73743	0.04029	0.02105	22	1.30	4%	1
031.43	Phosphorus, ICP, Microwave (%)	0425	0.68000	0.02000	0.74285	0.04321	0.01364	28	-1.45	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.68500	0.01000	0.74285	0.04321	0.01364	28	-1.34	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.69965	0.00170	0.74285	0.04321	0.01364	28	-1.00	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.70500	0.01000	0.74285	0.04321	0.01364	28	-0.88	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.70700	0.01000	0.74285	0.04321	0.01364	28	-0.83	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.71000	0.00000	0.74285	0.04321	0.01364	28	-0.76	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.71000	0.00000	0.74285	0.04321	0.01364	28	-0.76	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.71050	0.02500	0.74285	0.04321	0.01364	28	-0.75	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.71500	0.01000	0.74285	0.04321	0.01364	28	-0.64	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.71500	0.01000	0.74285	0.04321	0.01364	28	-0.64	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.72650	0.01100	0.74285	0.04321	0.01364	28	-0.38	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.73000	0.01200	0.74285	0.04321	0.01364	28	-0.30	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.73200	0.01400	0.74285	0.04321	0.01364	28	-0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.73200	0.02200	0.74285	0.04321	0.01364	28	-0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.74000	0.00000	0.74285	0.04321	0.01364	28	-0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.74190	0.01060	0.74285	0.04321	0.01364	28	-0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.74625	0.01150	0.74285	0.04321	0.01364	28	0.08	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.75500	0.05000	0.74285	0.04321	0.01364	28	0.28	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.43	Phosphorus, ICP, Microwave (%)	0027	0.76150	0.02300	0.74285	0.04321	0.01364	28	0.43	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	0.76450	0.01700	0.74285	0.04321	0.01364	28	0.50	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.76550	0.00100	0.74285	0.04321	0.01364	28	0.52	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.77500	0.01000	0.74285	0.04321	0.01364	28	0.74	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.78000	0.00000	0.74285	0.04321	0.01364	28	0.86	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.79100	0.00800	0.74285	0.04321	0.01364	28	1.11	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.80120	0.02500	0.74285	0.04321	0.01364	28	1.35	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.80500	0.03000	0.74285	0.04321	0.01364	28	1.44	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.81500	0.03000	0.74285	0.04321	0.01364	28	1.67	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	0.82500	0.01000	0.74285	0.04321	0.01364	28	1.90	6%	0
031.43	Phosphorus, ICP, Microwave (%)	2066	0.76500	0.07000	0.74285	0.04321	0.01364	28	0.51	1%	1
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.74500	0.01000				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.71850	0.02100				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.76745	0.01250				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.82400	0.03600				1			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.65500	0.01000	0.70700	0.05179	0.01000	5			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.67500	0.01000	0.70700	0.05179	0.01000	5			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.70000	0.00000	0.70700	0.05179	0.01000	5			0
031.99	Phosphorus, Miscellaneous (%)	2144	0.71500	0.01000	0.70700	0.05179	0.01000	5			0
031.99	Phosphorus, Miscellaneous (%)	0852	0.79000	0.02000	0.70700	0.05179	0.01000	5			0
032.02	Potassium, Flame Emission (%)	0504	2.1800	0.10000				1			0
032.08	Potassium, Ion-selective electrode (%)	2109	2.3505	0.00300				1			0
032.31	Potassium, AAS, Dry ash (%)	0536	1.9950	0.09000	2.1591	0.09802	0.05038	14	-1.67	4%	0
032.31	Potassium, AAS, Dry ash (%)	0656	2.0500	0.06000	2.1591	0.09802	0.05038	14	-1.11	3%	0
032.31	Potassium, AAS, Dry ash (%)	0874	2.0700	0.02000	2.1591	0.09802	0.05038	14	-0.91	2%	0
032.31	Potassium, AAS, Dry ash (%)	0354	2.1000	0.02000	2.1591	0.09802	0.05038	14	-0.60	1%	0
032.31	Potassium, AAS, Dry ash (%)	2022	2.1050	0.01000	2.1591	0.09802	0.05038	14	-0.55	1%	0
032.31	Potassium, AAS, Dry ash (%)	0038	2.1230	0.04800	2.1591	0.09802	0.05038	14	-0.37	1%	0
032.31	Potassium, AAS, Dry ash (%)	0868	2.1550	0.01000	2.1591	0.09802	0.05038	14	-0.04	0%	0
032.31	Potassium, AAS, Dry ash (%)	0904	2.1650	0.11000	2.1591	0.09802	0.05038	14	0.06	0%	0
032.31	Potassium, AAS, Dry ash (%)	0175	2.1950	0.03000	2.1591	0.09802	0.05038	14	0.37	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	2.2110	0.01400	2.1591	0.09802	0.05038	14	0.53	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	2.2404	0.14330	2.1591	0.09802	0.05038	14	0.83	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	2.2450	0.09000	2.1591	0.09802	0.05038	14	0.88	2%	0
032.31	Potassium, AAS, Dry ash (%)	2053	2.2500	0.04000	2.1591	0.09802	0.05038	14	0.93	2%	0
032.31	Potassium, AAS, Dry ash (%)	2195	2.4600	0.02000	2.1591	0.09802	0.05038	14	3.07	7%	0
032.32	Potassium, AAS, Open vessel (%)	0169	2.2100	0.02000				1			0
032.41	Potassium, ICP, Dry ash (%)	0695	1.0895	0.01900	2.0763	0.11165	0.03500	24	-8.84	24%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.8500	0.08000	2.0763	0.11165	0.03500	24	-2.03	5%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.9200	0.06000	2.0763	0.11165	0.03500	24	-1.40	4%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.9600	0.14000	2.0763	0.11165	0.03500	24	-1.04	3%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.9800	0.04000	2.0763	0.11165	0.03500	24	-0.86	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.41	Potassium, ICP, Dry ash (%)	0148	1.9950	0.03000	2.0763	0.11165	0.03500	24	-0.73	2%	0
032.41	Potassium, ICP, Dry ash (%)	0019	2.0000	0.00000	2.0763	0.11165	0.03500	24	-0.68	2%	0
032.41	Potassium, ICP, Dry ash (%)	0049	2.0300	0.02000	2.0763	0.11165	0.03500	24	-0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0720	2.0350	0.01000	2.0763	0.11165	0.03500	24	-0.37	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	2.0550	0.03000	2.0763	0.11165	0.03500	24	-0.19	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	2.0850	0.03000	2.0763	0.11165	0.03500	24	0.08	0%	0
032.41	Potassium, ICP, Dry ash (%)	0139	2.0885	0.00300	2.0763	0.11165	0.03500	24	0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0511	2.0900	0.02000	2.0763	0.11165	0.03500	24	0.12	0%	0
032.41	Potassium, ICP, Dry ash (%)	0520	2.0900	0.10000	2.0763	0.11165	0.03500	24	0.12	0%	0
032.41	Potassium, ICP, Dry ash (%)	0144	2.1050	0.01000	2.0763	0.11165	0.03500	24	0.26	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	2.1170	0.02000	2.0763	0.11165	0.03500	24	0.36	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	2.1365	0.02300	2.0763	0.11165	0.03500	24	0.54	1%	0
032.41	Potassium, ICP, Dry ash (%)	0405	2.1500	0.00000	2.0763	0.11165	0.03500	24	0.66	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	2.1550	0.05000	2.0763	0.11165	0.03500	24	0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0878	2.1650	0.03000	2.0763	0.11165	0.03500	24	0.79	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	2.1972	0.04510	2.0763	0.11165	0.03500	24	1.08	3%	0
032.41	Potassium, ICP, Dry ash (%)	0653	2.2140	0.01400	2.0763	0.11165	0.03500	24	1.23	3%	0
032.41	Potassium, ICP, Dry ash (%)	0598	2.2160	0.02600	2.0763	0.11165	0.03500	24	1.25	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	2.2300	0.04000	2.0763	0.11165	0.03500	24	1.38	4%	0
032.41	Potassium, ICP, Dry ash (%)	0619	2.1900	0.18000	2.0763	0.11165	0.03500	24	1.02	3%	1
032.42	Potassium, ICP, Open vessel (%)	0045	1.9300	0.14000	2.1531	0.13964	0.07860	21	-1.60	5%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.9965	0.00300	2.1531	0.13964	0.07860	21	-1.12	4%	0
032.42	Potassium, ICP, Open vessel (%)	0042	2.0100	0.18000	2.1531	0.13964	0.07860	21	-1.02	3%	0
032.42	Potassium, ICP, Open vessel (%)	0187	2.0150	0.01000	2.1531	0.13964	0.07860	21	-0.99	3%	0
032.42	Potassium, ICP, Open vessel (%)	0560	2.0616	0.13860	2.1531	0.13964	0.07860	21	-0.66	2%	0
032.42	Potassium, ICP, Open vessel (%)	0263	2.0766	0.00960	2.1531	0.13964	0.07860	21	-0.55	2%	0
032.42	Potassium, ICP, Open vessel (%)	0504	2.0795	0.05500	2.1531	0.13964	0.07860	21	-0.53	2%	0
032.42	Potassium, ICP, Open vessel (%)	0035	2.0950	0.11000	2.1531	0.13964	0.07860	21	-0.42	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	2.1000	0.00000	2.1531	0.13964	0.07860	21	-0.38	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	2.1175	0.00300	2.1531	0.13964	0.07860	21	-0.25	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	2.1350	0.03000	2.1531	0.13964	0.07860	21	-0.13	0%	0
032.42	Potassium, ICP, Open vessel (%)	0613	2.1350	0.09000	2.1531	0.13964	0.07860	21	-0.13	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	2.1529	0.01930	2.1531	0.13964	0.07860	21	0.00	0%	0
032.42	Potassium, ICP, Open vessel (%)	0037	2.1750	0.01000	2.1531	0.13964	0.07860	21	0.16	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	2.2450	0.09000	2.1531	0.13964	0.07860	21	0.66	2%	0
032.42	Potassium, ICP, Open vessel (%)	0294	2.2600	0.02000	2.1531	0.13964	0.07860	21	0.77	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	2.2860	0.00800	2.1531	0.13964	0.07860	21	0.95	3%	0
032.42	Potassium, ICP, Open vessel (%)	0190	2.3150	0.03000	2.1531	0.13964	0.07860	21	1.16	4%	0
032.42	Potassium, ICP, Open vessel (%)	0692	2.3350	0.23000	2.1531	0.13964	0.07860	21	1.30	4%	0
032.42	Potassium, ICP, Open vessel (%)	0265	2.3400	0.26000	2.1531	0.13964	0.07860	21	1.34	4%	0
032.42	Potassium, ICP, Open vessel (%)	0009	2.3410	0.21400	2.1531	0.13964	0.07860	21	1.35	4%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.2000	0.12000	2.0755	0.11817	0.04536	22	-7.41	21%	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 (%)	2192	1.8050	0.01000	2.0755	0.11817	0.04536	22	-2.29	7%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.8355	0.00300	2.0755	0.11817	0.04536	22	-2.03	6%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.9350	0.03000	2.0755	0.11817	0.04536	22	-1.19	3%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.9795	0.08100	2.0755	0.11817	0.04536	22	-0.81	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	2.0400	0.08000	2.0755	0.11817	0.04536	22	-0.30	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	2.0500	0.00000	2.0755	0.11817	0.04536	22	-0.22	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	2.0650	0.07000	2.0755	0.11817	0.04536	22	-0.09	0%	0
032.43	Potassium, ICP, Microwave (%)	0083	2.0700	0.02000	2.0755	0.11817	0.04536	22	-0.05	0%	0
032.43	Potassium, ICP, Microwave (%)	0425	2.0750	0.01000	2.0755	0.11817	0.04536	22	0.00	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	2.0800	0.04000	2.0755	0.11817	0.04536	22	0.04	0%	0
032.43	Potassium, ICP, Microwave (%)	0006	2.0840	0.00400	2.0755	0.11817	0.04536	22	0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0297	2.0900	0.02000	2.0755	0.11817	0.04536	22	0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	2.1000	0.00000	2.0755	0.11817	0.04536	22	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0610	2.1100	0.00000	2.0755	0.11817	0.04536	22	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0861	2.1200	0.12000	2.0755	0.11817	0.04536	22	0.38	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	2.1330	0.13600	2.0755	0.11817	0.04536	22	0.49	1%	0
032.43	Potassium, ICP, Microwave (%)	0505	2.1500	0.00000	2.0755	0.11817	0.04536	22	0.63	2%	0
032.43	Potassium, ICP, Microwave (%)	0089	2.1700	0.00000	2.0755	0.11817	0.04536	22	0.80	2%	0
032.43	Potassium, ICP, Microwave (%)	0038	2.2100	0.08000	2.0755	0.11817	0.04536	22	1.14	3%	0
032.43	Potassium, ICP, Microwave (%)	0017	2.3890	0.06400	2.0755	0.11817	0.04536	22	2.65	8%	0
032.43	Potassium, ICP, Microwave (%)	0353	2.4050	0.11000	2.0755	0.11817	0.04536	22	2.79	8%	0
032.43	Potassium, ICP, Microwave (%)	0668	1.1620	1.8960	2.0755	0.11817	0.04536	22	-7.73	22%	1
032.51	Potassium, ICP-MS, Dry ash (%)	2146	2.1600	0.00000				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.9267	0.17910				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	2.0950	0.05000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	2.1900	0.18000				1			0
032.99	Potassium, Miscellaneous (%)	0590	2.0600	0.08000				3			0
032.99	Potassium, Miscellaneous (%)	0100	2.1050	0.05000				3			0
032.99	Potassium, Miscellaneous (%)	0242	2.1050	0.01000				3			0
033.00	Salt as chloride, Sol Cl (%)	0893	1.6100	0.00000	2.0163	0.15231	0.02795	18	-2.67	10%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.7300	0.04000	2.0163	0.15231	0.02795	18	-1.88	7%	0
033.00	Salt as chloride, Sol Cl (%)	2022	1.8635	0.01700	2.0163	0.15231	0.02795	18	-1.00	4%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.9050	0.01000	2.0163	0.15231	0.02795	18	-0.73	3%	0
033.00	Salt as chloride, Sol Cl (%)	0897	1.9550	0.01000	2.0163	0.15231	0.02795	18	-0.40	2%	0
033.00	Salt as chloride, Sol Cl (%)	0885	1.9613	0.04370	2.0163	0.15231	0.02795	18	-0.36	1%	0
033.00	Salt as chloride, Sol Cl (%)	2062	1.9650	0.01000	2.0163	0.15231	0.02795	18	-0.34	1%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.9700	0.02000	2.0163	0.15231	0.02795	18	-0.30	1%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.9717	0.00040	2.0163	0.15231	0.02795	18	-0.29	1%	0
033.00	Salt as chloride, Sol Cl (%)	0878	2.0100	0.04000	2.0163	0.15231	0.02795	18	-0.04	0%	0
033.00	Salt as chloride, Sol Cl (%)	0539	2.0300	0.12000	2.0163	0.15231	0.02795	18	0.09	0%	0
033.00	Salt as chloride, Sol Cl (%)	0309	2.0884	0.04550	2.0163	0.15231	0.02795	18	0.47	2%	0
033.00	Salt as chloride, Sol Cl (%)	0675	2.1150	0.01000	2.0163	0.15231	0.02795	18	0.65	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033.00	Salt as chloride, Sol Cl (%)	2190	2.1328	0.06650	2.0163	0.15231	0.02795	18	0.76	3%	0
033.00	Salt as chloride, Sol Cl (%)	2196	2.1400	0.00000	2.0163	0.15231	0.02795	18	0.81	3%	0
033.00	Salt as chloride, Sol Cl (%)	2193	2.1550	0.05000	2.0163	0.15231	0.02795	18	0.91	3%	0
033.00	Salt as chloride, Sol Cl (%)	2076	2.2100	0.00000	2.0163	0.15231	0.02795	18	1.27	5%	0
033.00	Salt as chloride, Sol Cl (%)	2145	3.2200	0.02000	2.0163	0.15231	0.02795	18	7.90	30%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.6625	0.19500	2.0163	0.15231	0.02795	18	-2.32	9%	1
033.01	Salt as chloride, Poten Cl (%)	0510	1.9100	0.10000	2.0168	0.03691	0.02630	24	-2.89	3%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.9500	0.00400	2.0168	0.03691	0.02630	24	-1.81	2%	0
033.01	Salt as chloride, Poten Cl (%)	2109	1.9660	0.06200	2.0168	0.03691	0.02630	24	-1.38	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.9700	0.08000	2.0168	0.03691	0.02630	24	-1.27	1%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.9750	0.03000	2.0168	0.03691	0.02630	24	-1.13	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.9950	0.03000	2.0168	0.03691	0.02630	24	-0.59	1%	0
033.01	Salt as chloride, Poten Cl (%)	0650	2.0050	0.03000	2.0168	0.03691	0.02630	24	-0.32	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	2.0100	0.00000	2.0168	0.03691	0.02630	24	-0.18	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	2.0100	0.04000	2.0168	0.03691	0.02630	24	-0.18	0%	0
033.01	Salt as chloride, Poten Cl (%)	0874	2.0100	0.00000	2.0168	0.03691	0.02630	24	-0.18	0%	0
033.01	Salt as chloride, Poten Cl (%)	0425	2.0150	0.03000	2.0168	0.03691	0.02630	24	-0.05	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	2.0200	0.00000	2.0168	0.03691	0.02630	24	0.09	0%	0
033.01	Salt as chloride, Poten Cl (%)	0861	2.0200	0.04000	2.0168	0.03691	0.02630	24	0.09	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	2.0250	0.01000	2.0168	0.03691	0.02630	24	0.22	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	2.0300	0.04000	2.0168	0.03691	0.02630	24	0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	2.0300	0.00000	2.0168	0.03691	0.02630	24	0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	2.0300	0.00000	2.0168	0.03691	0.02630	24	0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	2.0300	0.02000	2.0168	0.03691	0.02630	24	0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0186	2.0400	0.00000	2.0168	0.03691	0.02630	24	0.63	1%	0
033.01	Salt as chloride, Poten Cl (%)	0644	2.0485	0.02910	2.0168	0.03691	0.02630	24	0.86	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	2.0540	0.01600	2.0168	0.03691	0.02630	24	1.01	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	2.0600	0.02000	2.0168	0.03691	0.02630	24	1.17	1%	0
033.01	Salt as chloride, Poten Cl (%)	0619	2.0650	0.03000	2.0168	0.03691	0.02630	24	1.31	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	2.1700	0.02000	2.0168	0.03691	0.02630	24	4.15	4%	0
033.03	Salt as chloride, Quantab (%)	0656	1.7000	0.00000				3			0
033.03	Salt as chloride, Quantab (%)	0265	1.8400	0.00000				3			0
033.03	Salt as chloride, Quantab (%)	0144	1.9600	0.08000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.9900	0.02000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	1.9950	0.01000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	2.0100	0.00000				3			0
033.99	Salt, Miscellaneous (%)	0358	1.7100	0.12000	2.0108	0.19254	0.04867	6	-1.56	7%	0
033.99	Salt, Miscellaneous (%)	0910	1.9050	0.03000	2.0108	0.19254	0.04867	6	-0.55	3%	0
033.99	Salt, Miscellaneous (%)	0682	2.0300	0.00000	2.0108	0.19254	0.04867	6	0.10	0%	0
033.99	Salt, Miscellaneous (%)	0017	2.0980	0.06200	2.0108	0.19254	0.04867	6	0.45	2%	0
033.99	Salt, Miscellaneous (%)	0536	2.1550	0.07000	2.0108	0.19254	0.04867	6	0.75	4%	0
033.99	Salt, Miscellaneous (%)	2073	2.1550	0.01000	2.0108	0.19254	0.04867	6	0.75	4%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033.99	Salt, Miscellaneous (%)	0853	2.5000	1.0000	2.0108	0.19254	0.04867	6	2.54	12%	1
034.01	Selenium, Fluor (mg / kg (ppm))	0038	0.57650	0.03500				1			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	0.43500	0.04600	0.51620	0.07483	0.03320	5			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.47500	0.05000	0.51620	0.07483	0.03320	5			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.48100	0.01000	0.51620	0.07483	0.03320	5			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.58000	0.02000	0.51620	0.07483	0.03320	5			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	0.61000	0.04000	0.51620	0.07483	0.03320	5			0
034.31	Selenium, AAS, Dry ash (mg / kg (ppm))	0939	0.65500	0.07000				1			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.52700	0.01200				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	1.5000	0.40000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	2066	0.67000	0.12000				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0407	1.5900	0.01000				2			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.55500	0.03000				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.63500	0.01000				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.69950	0.10100				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.55050	0.06900	0.69346	0.18587	0.06917	6	-0.77	10%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.56550	0.00300	0.69346	0.18587	0.06917	6	-0.69	9%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0560	0.57800	0.07000	0.69346	0.18587	0.06917	6	-0.62	8%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0027	0.72900	0.03000	0.69346	0.18587	0.06917	6	0.19	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2012	0.76550	0.17100	0.69346	0.18587	0.06917	6	0.39	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.98740	0.07200	0.69346	0.18587	0.06917	6	1.58	21%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	3.2600	0.06000				1			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.75350	0.00300				2			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.75950	0.00100				2			0
035.05	Sodium, Flame Emission (%)	2215	0.76500	0.01000				3			0
035.05	Sodium, Flame Emission (%)	0037	0.80500	0.01000				3			0
035.05	Sodium, Flame Emission (%)	0108	0.83000	0.04000				3			0
035.05	Sodium, Flame Emission (%)	0504	0.64500	0.25000				3			1
035.31	Sodium, AAS, Dry ash (%)	2188	0.67000	0.00000	0.73986	0.04953	0.01936	20	-1.41	5%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.68000	0.04000	0.73986	0.04953	0.01936	20	-1.21	4%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.68650	0.02500	0.73986	0.04953	0.01936	20	-1.08	4%	0
035.31	Sodium, AAS, Dry ash (%)	0596	0.69000	0.00000	0.73986	0.04953	0.01936	20	-1.01	3%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.69500	0.07000	0.73986	0.04953	0.01936	20	-0.91	3%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.71030	0.00400	0.73986	0.04953	0.01936	20	-0.60	2%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.72250	0.00500	0.73986	0.04953	0.01936	20	-0.35	1%	0
035.31	Sodium, AAS, Dry ash (%)	2097	0.72350	0.01340	0.73986	0.04953	0.01936	20	-0.33	1%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.72500	0.01000	0.73986	0.04953	0.01936	20	-0.30	1%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.73000	0.00000	0.73986	0.04953	0.01936	20	-0.20	1%	0
035.31	Sodium, AAS, Dry ash (%)	0722	0.73415	0.00590	0.73986	0.04953	0.01936	20	-0.12	0%	0
035.31	Sodium, AAS, Dry ash (%)	2195	0.75500	0.03000	0.73986	0.04953	0.01936	20	0.31	1%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.76000	0.00000	0.73986	0.04953	0.01936	20	0.41	1%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.76500	0.07000	0.73986	0.04953	0.01936	20	0.51	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.31	Sodium, AAS, Dry ash (%)	0038	0.77110	0.00280	0.73986	0.04953	0.01936	20	0.63	2%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.78000	0.02000	0.73986	0.04953	0.01936	20	0.81	3%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.79000	0.02000	0.73986	0.04953	0.01936	20	1.01	3%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.79000	0.06000	0.73986	0.04953	0.01936	20	1.01	3%	0
035.31	Sodium, AAS, Dry ash (%)	2126	0.80500	0.01000	0.73986	0.04953	0.01936	20	1.32	4%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.85150	0.00100	0.73986	0.04953	0.01936	20	2.25	8%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.76450	0.00100				1			0
035.41	Sodium, ICP, Dry ash (%)	0695	0.55400	0.01000	0.72680	0.02780	0.02016	24	-6.22	12%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.67500	0.05000	0.72680	0.02780	0.02016	24	-1.86	4%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.69000	0.00000	0.72680	0.02780	0.02016	24	-1.32	3%	0
035.41	Sodium, ICP, Dry ash (%)	0511	0.69500	0.03000	0.72680	0.02780	0.02016	24	-1.14	2%	0
035.41	Sodium, ICP, Dry ash (%)	0003	0.71000	0.08000	0.72680	0.02780	0.02016	24	-0.60	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.71000	0.00000	0.72680	0.02780	0.02016	24	-0.60	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.71325	0.02770	0.72680	0.02780	0.02016	24	-0.49	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.71500	0.01000	0.72680	0.02780	0.02016	24	-0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.71500	0.07000	0.72680	0.02780	0.02016	24	-0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.72000	0.02000	0.72680	0.02780	0.02016	24	-0.24	0%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.72000	0.00000	0.72680	0.02780	0.02016	24	-0.24	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.72300	0.00200	0.72680	0.02780	0.02016	24	-0.14	0%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.73000	0.02000	0.72680	0.02780	0.02016	24	0.12	0%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.73000	0.00000	0.72680	0.02780	0.02016	24	0.12	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.73500	0.01000	0.72680	0.02780	0.02016	24	0.29	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.73550	0.00300	0.72680	0.02780	0.02016	24	0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.73600	0.01400	0.72680	0.02780	0.02016	24	0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.74850	0.00300	0.72680	0.02780	0.02016	24	0.78	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.74925	0.04810	0.72680	0.02780	0.02016	24	0.81	2%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.75000	0.00000	0.72680	0.02780	0.02016	24	0.83	2%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.75250	0.01600	0.72680	0.02780	0.02016	24	0.92	2%	0
035.41	Sodium, ICP, Dry ash (%)	0653	0.75800	0.00800	0.72680	0.02780	0.02016	24	1.12	2%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.77500	0.03000	0.72680	0.02780	0.02016	24	1.73	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.79800	0.03200	0.72680	0.02780	0.02016	24	2.56	5%	0
035.41	Sodium, ICP, Dry ash (%)	0152	0.77000	0.12000	0.72680	0.02780	0.02016	24	1.55	3%	1
035.42	Sodium, ICP, Open vessel (%)	0294	0.67500	0.01000	0.71981	0.03705	0.02661	18	-1.21	3%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.68400	0.04800	0.71981	0.03705	0.02661	18	-0.97	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.68950	0.03500	0.71981	0.03705	0.02661	18	-0.82	2%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.69000	0.02000	0.71981	0.03705	0.02661	18	-0.80	2%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.69170	0.01640	0.71981	0.03705	0.02661	18	-0.76	2%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.69205	0.03710	0.71981	0.03705	0.02661	18	-0.75	2%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.70000	0.02000	0.71981	0.03705	0.02661	18	-0.53	1%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.70000	0.04000	0.71981	0.03705	0.02661	18	-0.53	1%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.70350	0.00160	0.71981	0.03705	0.02661	18	-0.44	1%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.72000	0.06000	0.71981	0.03705	0.02661	18	0.01	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.42	Sodium, ICP, Open vessel (%)	0042	0.72700	0.00800	0.71981	0.03705	0.02661	18	0.19	0%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.73000	0.04000	0.71981	0.03705	0.02661	18	0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.74110	0.00380	0.71981	0.03705	0.02661	18	0.57	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.74500	0.01000	0.71981	0.03705	0.02661	18	0.68	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.75500	0.01000	0.71981	0.03705	0.02661	18	0.95	2%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.76200	0.00400	0.71981	0.03705	0.02661	18	1.14	3%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.80000	0.08000	0.71981	0.03705	0.02661	18	2.16	6%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.80350	0.03500	0.71981	0.03705	0.02661	18	2.26	6%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.64000	0.00000	0.72138	0.04080	0.01738	25	-1.99	6%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.64500	0.03000	0.72138	0.04080	0.01738	25	-1.87	5%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.68000	0.00000	0.72138	0.04080	0.01738	25	-1.01	3%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.68320	0.02340	0.72138	0.04080	0.01738	25	-0.94	3%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.68600	0.03000	0.72138	0.04080	0.01738	25	-0.87	2%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.69000	0.00000	0.72138	0.04080	0.01738	25	-0.77	2%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.69350	0.02300	0.72138	0.04080	0.01738	25	-0.68	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.69700	0.01000	0.72138	0.04080	0.01738	25	-0.60	2%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.70000	0.02000	0.72138	0.04080	0.01738	25	-0.52	1%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.70000	0.02000	0.72138	0.04080	0.01738	25	-0.52	1%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.71250	0.00700	0.72138	0.04080	0.01738	25	-0.22	1%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.72500	0.01000	0.72138	0.04080	0.01738	25	0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.72870	0.02500	0.72138	0.04080	0.01738	25	0.18	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.73000	0.02000	0.72138	0.04080	0.01738	25	0.21	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.73000	0.00000	0.72138	0.04080	0.01738	25	0.21	1%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.73500	0.01000	0.72138	0.04080	0.01738	25	0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.73650	0.00900	0.72138	0.04080	0.01738	25	0.37	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.74000	0.02000	0.72138	0.04080	0.01738	25	0.46	1%	0
035.43	Sodium, ICP, Microwave (%)	2066	0.74000	0.08000	0.72138	0.04080	0.01738	25	0.46	1%	0
035.43	Sodium, ICP, Microwave (%)	0027	0.74300	0.00800	0.72138	0.04080	0.01738	25	0.53	1%	0
035.43	Sodium, ICP, Microwave (%)	0006	0.75100	0.00400	0.72138	0.04080	0.01738	25	0.73	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.76500	0.03000	0.72138	0.04080	0.01738	25	1.07	3%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.80000	0.01000	0.72138	0.04080	0.01738	25	1.93	5%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.81000	0.02000	0.72138	0.04080	0.01738	25	2.17	6%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.82550	0.02500	0.72138	0.04080	0.01738	25	2.55	7%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.82000	0.10000	0.72138	0.04080	0.01738	25	2.42	7%	1
035.51	Sodium, ICP-MS, Dry ash (%)	2146	0.79000	0.02000				1			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.73830	0.03720				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.76650	0.03300				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.79950	0.01700				1			0
035.99	Sodium, Miscellaneous (%)	0242	0.73000	0.00000				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.74500	0.03000				3			0
035.99	Sodium, Miscellaneous (%)	2129	0.82510	0.05120				3			0
036.04	Sulfur, LECO (%)	0148	0.36205	0.00110				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			
036.04	Sulfur, LECO (%)	0229	0.36500	0.01000				3			0
036.04	Sulfur, LECO (%)	0226	0.46000	0.02000				3			0
036.04	Sulfur, LECO (%)	2053	1.4400	0.02000				3			2
036.42	Sulfur, ICP, Open vessel (%)	0229	0.28000	0.00000	0.35050	0.02898	0.00985	19	-2.43	10%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.29980	0.00100	0.35050	0.02898	0.00985	19	-1.75	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.31850	0.00100	0.35050	0.02898	0.00985	19	-1.10	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.32065	0.00110	0.35050	0.02898	0.00985	19	-1.03	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.33500	0.03000	0.35050	0.02898	0.00985	19	-0.53	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.34140	0.01440	0.35050	0.02898	0.00985	19	-0.31	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.34200	0.00000	0.35050	0.02898	0.00985	19	-0.29	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.34345	0.00110	0.35050	0.02898	0.00985	19	-0.24	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.34500	0.03000	0.35050	0.02898	0.00985	19	-0.19	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.35050	0.00500	0.35050	0.02898	0.00985	19	0.00	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.35395	0.00350	0.35050	0.02898	0.00985	19	0.12	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.36000	0.00000	0.35050	0.02898	0.00985	19	0.33	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.36450	0.01700	0.35050	0.02898	0.00985	19	0.48	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.36500	0.01000	0.35050	0.02898	0.00985	19	0.50	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.36650	0.00300	0.35050	0.02898	0.00985	19	0.55	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.38000	0.00000	0.35050	0.02898	0.00985	19	1.02	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.38000	0.04000	0.35050	0.02898	0.00985	19	1.02	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.38500	0.01000	0.35050	0.02898	0.00985	19	1.19	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.40000	0.02000	0.35050	0.02898	0.00985	19	1.71	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.35000	0.06000	0.35050	0.02898	0.00985	19	-0.02	0%	1
036.43	Sulfur, ICP, Microwave (%)	0083	0.32500	0.01000	0.35006	0.02040	0.00922	14	-1.23	4%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.32500	0.03000	0.35006	0.02040	0.00922	14	-1.23	4%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.33500	0.01000	0.35006	0.02040	0.00922	14	-0.74	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.33550	0.00900	0.35006	0.02040	0.00922	14	-0.71	2%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.34000	0.00600	0.35006	0.02040	0.00922	14	-0.49	1%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.34500	0.01000	0.35006	0.02040	0.00922	14	-0.25	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.34500	0.01000	0.35006	0.02040	0.00922	14	-0.25	1%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.35050	0.00500	0.35006	0.02040	0.00922	14	0.02	0%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.35290	0.00800	0.35006	0.02040	0.00922	14	0.14	0%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.35800	0.00600	0.35006	0.02040	0.00922	14	0.39	1%	0
036.43	Sulfur, ICP, Microwave (%)	0668	0.35950	0.00100	0.35006	0.02040	0.00922	14	0.46	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.36815	0.00410	0.35006	0.02040	0.00922	14	0.89	3%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.38500	0.01000	0.35006	0.02040	0.00922	14	1.71	5%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.39500	0.01000	0.35006	0.02040	0.00922	14	2.20	6%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.28995	0.02530				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.35750	0.00900				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.35800	0.03400				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.33500	0.01000				1			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	0.60000	0.00000	52.367	7.8434	1.6926	12	-6.60	49%	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))	0722	42.645	0.47160	52.367	7.8434	1.6926	12	-1.24	9%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	47.205	4.2500	52.367	7.8434	1.6926	12	-0.66	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	49.310	0.14000	52.367	7.8434	1.6926	12	-0.39	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2196	50.200	0.00000	52.367	7.8434	1.6926	12	-0.28	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	50.865	1.8700	52.367	7.8434	1.6926	12	-0.19	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	54.050	1.3000	52.367	7.8434	1.6926	12	0.21	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2188	55.350	5.9000	52.367	7.8434	1.6926	12	0.38	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	56.860	0.12000	52.367	7.8434	1.6926	12	0.57	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	57.420	5.7800	52.367	7.8434	1.6926	12	0.64	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	59.760	0.48000	52.367	7.8434	1.6926	12	0.94	7%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2195	264.22	0.00000	52.367	7.8434	1.6926	12	27.01	202%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2097	69.195	11.810	52.367	7.8434	1.6926	12	2.15	16%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	2128	61.175	0.00000				2			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	68.100	0.20000				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	56.589	4.2120				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	160.00	100.00				2			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	42.000	2.0000	58.081	12.230	8.8336	19	-1.31	14%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	44.420	0.56000	58.081	12.230	8.8336	19	-1.12	12%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	49.800	1.2000	58.081	12.230	8.8336	19	-0.68	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	50.250	4.5000	58.081	12.230	8.8336	19	-0.64	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	51.400	6.5800	58.081	12.230	8.8336	19	-0.55	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	52.000	4.0000	58.081	12.230	8.8336	19	-0.50	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	52.500	15.000	58.081	12.230	8.8336	19	-0.46	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	52.680	7.5400	58.081	12.230	8.8336	19	-0.44	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	54.115	2.9500	58.081	12.230	8.8336	19	-0.32	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	55.130	4.8570	58.081	12.230	8.8336	19	-0.24	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	56.835	0.39000	58.081	12.230	8.8336	19	-0.10	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	57.205	1.7500	58.081	12.230	8.8336	19	-0.07	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	58.435	4.4300	58.081	12.230	8.8336	19	0.03	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	59.185	2.9500	58.081	12.230	8.8336	19	0.09	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	62.300	0.00000	58.081	12.230	8.8336	19	0.35	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	76.000	38.000	58.081	12.230	8.8336	19	1.47	15%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	82.000	10.000	58.081	12.230	8.8336	19	1.96	21%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0695	95.462	0.13100	58.081	12.230	8.8336	19	3.06	32%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	130.50	61.000	58.081	12.230	8.8336	19	5.92	62%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	100.50	75.000	58.081	12.230	8.8336	19	3.47	37%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0504	46.495	3.1900	52.746	4.7988	4.4926	17	-1.30	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	46.780	1.4800	52.746	4.7988	4.4926	17	-1.24	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	47.150	6.3000	52.746	4.7988	4.4926	17	-1.17	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	48.500	7.0000	52.746	4.7988	4.4926	17	-0.88	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	49.900	0.80000	52.746	4.7988	4.4926	17	-0.59	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	51.298	2.7420	52.746	4.7988	4.4926	17	-0.30	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			
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	51.300	13.400	52.746	4.7988	4.4926	17	-0.30	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0263	51.650	1.1700	52.746	4.7988	4.4926	17	-0.23	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	51.655	0.11000	52.746	4.7988	4.4926	17	-0.23	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	54.200	8.8000	52.746	4.7988	4.4926	17	0.30	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	54.710	4.3800	52.746	4.7988	4.4926	17	0.41	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	55.000	2.0000	52.746	4.7988	4.4926	17	0.47	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	55.500	5.0000	52.746	4.7988	4.4926	17	0.57	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	56.320	0.24000	52.746	4.7988	4.4926	17	0.74	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	56.361	4.5320	52.746	4.7988	4.4926	17	0.75	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	59.925	0.13000	52.746	4.7988	4.4926	17	1.50	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	67.550	15.100	52.746	4.7988	4.4926	17	3.08	14%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	82.000	39.200	52.746	4.7988	4.4926	17	6.10	28%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	35.769	2.4230	49.746	6.9469	3.5032	26	-2.01	14%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	39.500	1.0000	49.746	6.9469	3.5032	26	-1.47	10%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	40.205	1.6300	49.746	6.9469	3.5032	26	-1.37	10%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	40.500	11.000	49.746	6.9469	3.5032	26	-1.33	9%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	44.860	1.0000	49.746	6.9469	3.5032	26	-0.70	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2066	44.950	6.1000	49.746	6.9469	3.5032	26	-0.69	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	45.630	0.94000	49.746	6.9469	3.5032	26	-0.59	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2055	46.750	1.1000	49.746	6.9469	3.5032	26	-0.43	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	47.950	3.9000	49.746	6.9469	3.5032	26	-0.26	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	48.350	2.1000	49.746	6.9469	3.5032	26	-0.20	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	48.375	3.2300	49.746	6.9469	3.5032	26	-0.20	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	49.406	0.62000	49.746	6.9469	3.5032	26	-0.05	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0668	49.600	1.6000	49.746	6.9469	3.5032	26	-0.02	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	50.000	2.0000	49.746	6.9469	3.5032	26	0.04	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	51.000	8.0000	49.746	6.9469	3.5032	26	0.18	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	51.000	6.0000	49.746	6.9469	3.5032	26	0.18	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	51.200	1.4000	49.746	6.9469	3.5032	26	0.21	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	51.470	0.00000	49.746	6.9469	3.5032	26	0.25	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	52.500	1.0000	49.746	6.9469	3.5032	26	0.40	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	53.140	5.7800	49.746	6.9469	3.5032	26	0.49	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	54.000	6.0000	49.746	6.9469	3.5032	26	0.61	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0505	55.030	1.6800	49.746	6.9469	3.5032	26	0.76	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	58.765	10.970	49.746	6.9469	3.5032	26	1.30	9%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2192	59.555	3.8700	49.746	6.9469	3.5032	26	1.41	10%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	62.150	6.5000	49.746	6.9469	3.5032	26	1.79	12%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	66.180	1.2400	49.746	6.9469	3.5032	26	2.37	17%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	62.824	16.956	49.746	6.9469	3.5032	26	1.88	13%	1
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	55.120	0.94000				1			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	51.000	2.2000				1			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	52.000	6.0000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	69.220	3.7000				2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	0.55350	0.00100				2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	0.75000	0.06000				2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0265	0.15000	0.10000	0.56663	0.32554	0.08825	4			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	0.53450	0.20700	0.56663	0.32554	0.08825	4			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	0.64500	0.01000	0.56663	0.32554	0.08825	4			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	0.93700	0.03600	0.56663	0.32554	0.08825	4			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	0.36500	0.02600	0.72403	0.29027	0.26810	7	-1.24	25%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	0.57500	0.05000	0.72403	0.29027	0.26810	7	-0.51	10%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	0.58630	0.14900	0.72403	0.29027	0.26810	7	-0.47	10%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	0.68245	0.52170	0.72403	0.29027	0.26810	7	-0.14	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0083	0.85000	0.10000	0.72403	0.29027	0.26810	7	0.43	9%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	0.85000	0.10000	0.72403	0.29027	0.26810	7	0.43	9%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	2.0150	0.93000	0.72403	0.29027	0.26810	7	4.45	89%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.61500	0.03000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.68450	0.13300				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	0.54300	0.00000				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	0.69950	0.01500				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	0.74010	0.02520				3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	0.28500	0.01000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.32890	0.02580				1			0
042.00	Chloride, Titrimetric (%)	0948	1.2300	0.00000				1			0
042.99	Chloride, Miscellaneous (%)	0297	1.2000	0.20000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	20.350	2.5000				1			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	7.3150	1.4100				1			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	9.1800	0.14000				1			0
106.00	Vitamin A, Color (KU / kg)	0171	47.800	0.80000				1			0
106.01	Vitamin A, UV (KU / kg)	0098	50.200	7.4000				1			0
106.02	Vitamin A, LC (KU / kg)	0169	14.000	0.00000	46.480	9.2028	4.1387	21	-3.53	35%	0
106.02	Vitamin A, LC (KU / kg)	0004	32.530	2.2200	46.480	9.2028	4.1387	21	-1.52	15%	0
106.02	Vitamin A, LC (KU / kg)	0910	35.950	0.50000	46.480	9.2028	4.1387	21	-1.14	11%	0
106.02	Vitamin A, LC (KU / kg)	0638	37.100	0.00000	46.480	9.2028	4.1387	21	-1.02	10%	0
106.02	Vitamin A, LC (KU / kg)	0676	41.350	0.50000	46.480	9.2028	4.1387	21	-0.56	6%	0
106.02	Vitamin A, LC (KU / kg)	0038	41.545	17.790	46.480	9.2028	4.1387	21	-0.54	5%	0
106.02	Vitamin A, LC (KU / kg)	0939	42.020	3.1550	46.480	9.2028	4.1387	21	-0.48	5%	0
106.02	Vitamin A, LC (KU / kg)	2103	43.020	0.12000	46.480	9.2028	4.1387	21	-0.38	4%	0
106.02	Vitamin A, LC (KU / kg)	0610	43.750	2.1000	46.480	9.2028	4.1387	21	-0.30	3%	0
106.02	Vitamin A, LC (KU / kg)	2053	44.050	2.9000	46.480	9.2028	4.1387	21	-0.26	3%	0
106.02	Vitamin A, LC (KU / kg)	0689	46.000	1.6000	46.480	9.2028	4.1387	21	-0.05	1%	0
106.02	Vitamin A, LC (KU / kg)	0017	48.835	0.23000	46.480	9.2028	4.1387	21	0.26	3%	0
106.02	Vitamin A, LC (KU / kg)	0675	50.445	6.1700	46.480	9.2028	4.1387	21	0.43	4%	0
106.02	Vitamin A, LC (KU / kg)	0861	50.578	18.265	46.480	9.2028	4.1387	21	0.45	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	
106.02	Vitamin A, LC (KU / kg)	0035	51.400	0.56000	46.480	9.2028	4.1387	21	0.53	5%	0
106.02	Vitamin A, LC (KU / kg)	0941	51.423	5.0420	46.480	9.2028	4.1387	21	0.54	5%	0
106.02	Vitamin A, LC (KU / kg)	0875	52.055	1.1500	46.480	9.2028	4.1387	21	0.61	6%	0
106.02	Vitamin A, LC (KU / kg)	0014	56.200	12.400	46.480	9.2028	4.1387	21	1.06	10%	0
106.02	Vitamin A, LC (KU / kg)	2144	56.525	3.0100	46.480	9.2028	4.1387	21	1.09	11%	0
106.02	Vitamin A, LC (KU / kg)	0010	58.200	1.4000	46.480	9.2028	4.1387	21	1.27	13%	0
106.02	Vitamin A, LC (KU / kg)	2066	70.300	7.8000	46.480	9.2028	4.1387	21	2.59	26%	0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	2.0000	0.00000				1			0
108.02	Vitamin D3, LC (KU / kg)	0675	10.245	0.51000	12.218	1.5508	0.60400	5			0
108.02	Vitamin D3, LC (KU / kg)	0610	11.600	0.40000	12.218	1.5508	0.60400	5			0
108.02	Vitamin D3, LC (KU / kg)	0861	12.160	0.08000	12.218	1.5508	0.60400	5			0
108.02	Vitamin D3, LC (KU / kg)	0910	12.585	1.6300	12.218	1.5508	0.60400	5			0
108.02	Vitamin D3, LC (KU / kg)	0676	14.500	0.40000	12.218	1.5508	0.60400	5			0
109.02	Vitamin E, LC (IU / kg)	2066	14.300	1.6000	213.27	72.169	7.1793	14	-2.76	47%	0
109.02	Vitamin E, LC (IU / kg)	0169	43.000	0.00000	213.27	72.169	7.1793	14	-2.36	40%	0
109.02	Vitamin E, LC (IU / kg)	2144	156.28	2.5400	213.27	72.169	7.1793	14	-0.79	13%	0
109.02	Vitamin E, LC (IU / kg)	0675	179.19	4.9500	213.27	72.169	7.1793	14	-0.47	8%	0
109.02	Vitamin E, LC (IU / kg)	0098	184.50	1.0000	213.27	72.169	7.1793	14	-0.40	7%	0
109.02	Vitamin E, LC (IU / kg)	0875	192.31	0.42000	213.27	72.169	7.1793	14	-0.29	5%	0
109.02	Vitamin E, LC (IU / kg)	0910	218.95	13.300	213.27	72.169	7.1793	14	0.08	1%	0
109.02	Vitamin E, LC (IU / kg)	0941	223.20	24.200	213.27	72.169	7.1793	14	0.14	2%	0
109.02	Vitamin E, LC (IU / kg)	0610	233.50	15.000	213.27	72.169	7.1793	14	0.28	5%	0
109.02	Vitamin E, LC (IU / kg)	0939	245.85	5.5000	213.27	72.169	7.1793	14	0.45	8%	0
109.02	Vitamin E, LC (IU / kg)	0861	270.00	0.00000	213.27	72.169	7.1793	14	0.79	13%	0
109.02	Vitamin E, LC (IU / kg)	0676	279.00	2.0000	213.27	72.169	7.1793	14	0.91	15%	0
109.02	Vitamin E, LC (IU / kg)	0638	280.00	0.00000	213.27	72.169	7.1793	14	0.92	16%	0
109.02	Vitamin E, LC (IU / kg)	2103	313.00	30.000	213.27	72.169	7.1793	14	1.38	23%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	193.00	12.000				1			0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	0160	3.0000	0.04000	159.73	110.76	14.978	4			0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	0910	160.45	6.7000	159.73	110.76	14.978	4			0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	0675	231.98	10.170	159.73	110.76	14.978	4			0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	2066	243.50	43.000	159.73	110.76	14.978	4			0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	0861	245.00	184.00	159.73	110.76	14.978	4			1
111.98	Vitamin C, Ascorbic Acid, Miscellaneous (mkg/kg (ppm))	0941	144.30	9.3500				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	2081	2.2900	1.9400				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.1150	0.01000	1.2008	0.04409	0.02025	22	-1.95	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	1.1450	0.01000	1.2008	0.04409	0.02025	22	-1.27	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.1508	0.00690	1.2008	0.04409	0.02025	22	-1.13	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.1600	0.04000	1.2008	0.04409	0.02025	22	-0.93	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	1.1620	0.04600	1.2008	0.04409	0.02025	22	-0.88	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.1680	0.01600	1.2008	0.04409	0.02025	22	-0.74	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	1.1760	0.00000	1.2008	0.04409	0.02025	22	-0.56	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	
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.1900	0.02000	1.2008	0.04409	0.02025	22	-0.24	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	1.1910	0.01400	1.2008	0.04409	0.02025	22	-0.22	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.1950	0.03000	1.2008	0.04409	0.02025	22	-0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.2005	0.01300	1.2008	0.04409	0.02025	22	-0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.2010	0.04200	1.2008	0.04409	0.02025	22	0.00	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.2040	0.01200	1.2008	0.04409	0.02025	22	0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.2100	0.02000	1.2008	0.04409	0.02025	22	0.21	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.2145	0.03380	1.2008	0.04409	0.02025	22	0.31	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.2190	0.00400	1.2008	0.04409	0.02025	22	0.41	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.2235	0.00500	1.2008	0.04409	0.02025	22	0.52	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.2265	0.01900	1.2008	0.04409	0.02025	22	0.58	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.2560	0.01800	1.2008	0.04409	0.02025	22	1.25	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.2562	0.02890	1.2008	0.04409	0.02025	22	1.26	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	1.3350	0.01000	1.2008	0.04409	0.02025	22	3.04	6%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	1.4515	0.04700	1.2008	0.04409	0.02025	22	5.69	10%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	1.2256	0.09510	1.2008	0.04409	0.02025	22	0.56	1%	1
120.02	Alanine, Post-col OPA Der (%)	0098	1.2450	0.00600				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.1100	0.06000	1.2007	0.10143	0.02850	8	-0.89	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.1350	0.01000	1.2007	0.10143	0.02850	8	-0.65	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.1400	0.02000	1.2007	0.10143	0.02850	8	-0.60	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.1600	0.00000	1.2007	0.10143	0.02850	8	-0.40	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0407	1.1660	0.02800	1.2007	0.10143	0.02850	8	-0.34	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	1.2270	0.00000	1.2007	0.10143	0.02850	8	0.26	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	1.3150	0.01000	1.2007	0.10143	0.02850	8	1.13	5%	0
120.05	Alanine, Pre-col AQC Der (%)	0853	1.4000	0.10000	1.2007	0.10143	0.02850	8	1.96	8%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.56770	0.00020	0.62558	0.03162	0.01384	23	-1.83	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	0.57165	0.01330	0.62558	0.03162	0.01384	23	-1.71	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	0.59000	0.00000	0.62558	0.03162	0.01384	23	-1.13	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.59500	0.01000	0.62558	0.03162	0.01384	23	-0.97	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.59845	0.01030	0.62558	0.03162	0.01384	23	-0.86	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.60100	0.01600	0.62558	0.03162	0.01384	23	-0.78	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.60150	0.00100	0.62558	0.03162	0.01384	23	-0.76	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	0.60700	0.02600	0.62558	0.03162	0.01384	23	-0.59	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.61000	0.02000	0.62558	0.03162	0.01384	23	-0.49	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	0.62000	0.04400	0.62558	0.03162	0.01384	23	-0.18	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	0.62500	0.01000	0.62558	0.03162	0.01384	23	-0.02	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	0.63100	0.01000	0.62558	0.03162	0.01384	23	0.17	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.63500	0.03000	0.62558	0.03162	0.01384	23	0.30	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	0.63900	0.01600	0.62558	0.03162	0.01384	23	0.42	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.64160	0.03260	0.62558	0.03162	0.01384	23	0.51	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.64500	0.01000	0.62558	0.03162	0.01384	23	0.61	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.64800	0.00200	0.62558	0.03162	0.01384	23	0.71	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	0.64850	0.00500	0.62558	0.03162	0.01384	23	0.72	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.65250	0.01500	0.62558	0.03162	0.01384	23	0.85	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.65600	0.02400	0.62558	0.03162	0.01384	23	0.96	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.65700	0.00200	0.62558	0.03162	0.01384	23	0.99	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.65750	0.01100	0.62558	0.03162	0.01384	23	1.01	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.72500	0.01000	0.62558	0.03162	0.01384	23	3.14	8%	0
121.02	Arginine, Post-col OPA Der (%)	0098	0.64150	0.00100				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.48200	0.02800	0.59897	0.07481	0.01950	8	-1.56	10%	0
121.05	Arginine, Pre-col AQC Der (%)	0853	0.52500	0.01000	0.59897	0.07481	0.01950	8	-0.99	6%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.58000	0.02000	0.59897	0.07481	0.01950	8	-0.25	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.60500	0.05000	0.59897	0.07481	0.01950	8	0.08	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	0.62100	0.00000	0.59897	0.07481	0.01950	8	0.29	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.63400	0.02800	0.59897	0.07481	0.01950	8	0.47	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	0.66000	0.02000	0.59897	0.07481	0.01950	8	0.82	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.68000	0.00000	0.59897	0.07481	0.01950	8	1.08	7%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	2.3830	0.00000	2.5556	0.08424	0.03643	22	-2.05	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.3985	0.02060	2.5556	0.08424	0.03643	22	-1.86	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.4400	0.04000	2.5556	0.08424	0.03643	22	-1.37	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	2.4565	0.04500	2.5556	0.08424	0.03643	22	-1.18	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	2.4760	0.01000	2.5556	0.08424	0.03643	22	-0.94	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	2.5100	0.12000	2.5556	0.08424	0.03643	22	-0.54	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.5220	0.10400	2.5556	0.08424	0.03643	22	-0.40	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	2.5400	0.04000	2.5556	0.08424	0.03643	22	-0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.5400	0.04000	2.5556	0.08424	0.03643	22	-0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	2.5470	0.09020	2.5556	0.08424	0.03643	22	-0.10	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	2.5650	0.03000	2.5556	0.08424	0.03643	22	0.11	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	2.5735	0.00500	2.5556	0.08424	0.03643	22	0.21	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	2.5850	0.01000	2.5556	0.08424	0.03643	22	0.35	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.5885	0.00500	2.5556	0.08424	0.03643	22	0.39	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	2.5970	0.01000	2.5556	0.08424	0.03643	22	0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.5999	0.05780	2.5556	0.08424	0.03643	22	0.53	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.6095	0.03500	2.5556	0.08424	0.03643	22	0.64	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.6140	0.00200	2.5556	0.08424	0.03643	22	0.69	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.6200	0.02000	2.5556	0.08424	0.03643	22	0.76	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	2.6315	0.02100	2.5556	0.08424	0.03643	22	0.90	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.6671	0.04380	2.5556	0.08424	0.03643	22	1.32	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	2.6980	0.05200	2.5556	0.08424	0.03643	22	1.69	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	3.0310	0.18200	2.5556	0.08424	0.03643	22	5.64	9%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	2.6120	0.00200				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	2.1210	0.00600	2.5802	0.24157	0.04800	7	-1.90	9%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.4950	0.11000	2.5802	0.24157	0.04800	7	-0.35	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	2.5150	0.01000	2.5802	0.24157	0.04800	7	-0.27	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
122.05	Aspartic, Pre-col AQC Der (%)	0148	2.6250	0.01000	2.5802	0.24157	0.04800	7	0.19	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	2.6280	0.11000	2.5802	0.24157	0.04800	7	0.20	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	2.6380	0.00000	2.5802	0.24157	0.04800	7	0.24	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	2.9850	0.09000	2.5802	0.24157	0.04800	7	1.68	8%	0
122.05	Aspartic, Pre-col AQC Der (%)	0853	3.6250	0.43000	2.5802	0.24157	0.04800	7	4.33	20%	1
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.05000	0.02000	0.54586	0.04315	0.01267	22	-11.49	45%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.42450	0.00100	0.54586	0.04315	0.01267	22	-2.81	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.45500	0.01000	0.54586	0.04315	0.01267	22	-2.11	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.49265	0.00250	0.54586	0.04315	0.01267	22	-1.23	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.52700	0.04400	0.54586	0.04315	0.01267	22	-0.44	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.53000	0.00000	0.54586	0.04315	0.01267	22	-0.37	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.53200	0.02600	0.54586	0.04315	0.01267	22	-0.32	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.53850	0.01940	0.54586	0.04315	0.01267	22	-0.17	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.54000	0.00000	0.54586	0.04315	0.01267	22	-0.14	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.54125	0.00190	0.54586	0.04315	0.01267	22	-0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.54150	0.00500	0.54586	0.04315	0.01267	22	-0.10	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.54250	0.04500	0.54586	0.04315	0.01267	22	-0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.55100	0.00600	0.54586	0.04315	0.01267	22	0.12	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.55500	0.03000	0.54586	0.04315	0.01267	22	0.21	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.56150	0.01300	0.54586	0.04315	0.01267	22	0.36	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.56250	0.00500	0.54586	0.04315	0.01267	22	0.39	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.57800	0.02600	0.54586	0.04315	0.01267	22	0.74	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2022	0.58000	0.00000	0.54586	0.04315	0.01267	22	0.79	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.58800	0.00400	0.54586	0.04315	0.01267	22	0.98	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.59000	0.00000	0.54586	0.04315	0.01267	22	1.02	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.60350	0.01100	0.54586	0.04315	0.01267	22	1.34	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.62850	0.00900	0.54586	0.04315	0.01267	22	1.92	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.65500	0.09000	0.54586	0.04315	0.01267	22	2.53	10%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.59600	0.02000				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0853	0.40000	0.02000	0.51328	0.08913	0.01620	8	-1.27	11%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.45000	0.02000	0.51328	0.08913	0.01620	8	-0.71	6%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.47000	0.02000	0.51328	0.08913	0.01620	8	-0.49	4%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.48020	0.01960	0.51328	0.08913	0.01620	8	-0.37	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.52100	0.00000	0.51328	0.08913	0.01620	8	0.09	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2195	0.56000	0.00000	0.51328	0.08913	0.01620	8	0.52	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.58500	0.01000	0.51328	0.08913	0.01620	8	0.80	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.64000	0.04000	0.51328	0.08913	0.01620	8	1.42	12%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.8110	0.14200	4.3045	0.17779	0.07549	23	-2.78	6%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	4.0137	0.03820	4.3045	0.17779	0.07549	23	-1.64	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	4.0900	0.02000	4.3045	0.17779	0.07549	23	-1.21	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	4.1225	0.26300	4.3045	0.17779	0.07549	23	-1.02	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	4.1650	0.27000	4.3045	0.17779	0.07549	23	-0.78	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	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	4.2100	0.00000	4.3045	0.17779	0.07549	23	-0.53	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	4.2205	0.05900	4.3045	0.17779	0.07549	23	-0.47	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	4.2400	0.04000	4.3045	0.17779	0.07549	23	-0.36	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	4.2580	0.05800	4.3045	0.17779	0.07549	23	-0.26	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	4.2650	0.11000	4.3045	0.17779	0.07549	23	-0.22	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	4.3115	0.01700	4.3045	0.17779	0.07549	23	0.04	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	4.3150	0.02600	4.3045	0.17779	0.07549	23	0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	4.3160	0.00200	4.3045	0.17779	0.07549	23	0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	4.3250	0.03000	4.3045	0.17779	0.07549	23	0.12	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	4.3280	0.01200	4.3045	0.17779	0.07549	23	0.13	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	4.3480	0.00400	4.3045	0.17779	0.07549	23	0.24	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	4.3760	0.03400	4.3045	0.17779	0.07549	23	0.40	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	4.3800	0.02000	4.3045	0.17779	0.07549	23	0.42	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	4.4886	0.19740	4.3045	0.17779	0.07549	23	1.04	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	4.5184	0.18080	4.3045	0.17779	0.07549	23	1.20	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	4.5250	0.03000	4.3045	0.17779	0.07549	23	1.24	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	4.5550	0.14590	4.3045	0.17779	0.07549	23	1.41	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	4.6355	0.03700	4.3045	0.17779	0.07549	23	1.86	4%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	4.2635	0.04300				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.7940	0.02600	4.3665	0.48692	0.11200	8	-1.18	7%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	3.9750	0.05000	4.3665	0.48692	0.11200	8	-0.80	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	4.0050	0.21000	4.3665	0.48692	0.11200	8	-0.74	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	4.3410	0.16000	4.3665	0.48692	0.11200	8	-0.05	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	4.4900	0.08000	4.3665	0.48692	0.11200	8	0.25	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	4.5600	0.04000	4.3665	0.48692	0.11200	8	0.40	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	4.6700	0.00000	4.3665	0.48692	0.11200	8	0.62	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0853	6.1150	0.33000	4.3665	0.48692	0.11200	8	3.59	20%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.45000	0.02000	0.48037	0.02007	0.00874	22	-1.51	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.45500	0.01000	0.48037	0.02007	0.00874	22	-1.26	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.45800	0.00380	0.48037	0.02007	0.00874	22	-1.11	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.46150	0.00500	0.48037	0.02007	0.00874	22	-0.94	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.46500	0.01000	0.48037	0.02007	0.00874	22	-0.77	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.46500	0.00000	0.48037	0.02007	0.00874	22	-0.77	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.46600	0.01000	0.48037	0.02007	0.00874	22	-0.72	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.46750	0.00100	0.48037	0.02007	0.00874	22	-0.64	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.47000	0.00000	0.48037	0.02007	0.00874	22	-0.52	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.48050	0.00700	0.48037	0.02007	0.00874	22	0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.48550	0.01100	0.48037	0.02007	0.00874	22	0.26	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.48550	0.00700	0.48037	0.02007	0.00874	22	0.26	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.48650	0.00500	0.48037	0.02007	0.00874	22	0.31	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.48735	0.01230	0.48037	0.02007	0.00874	22	0.35	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.48750	0.00500	0.48037	0.02007	0.00874	22	0.35	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.48800	0.00200	0.48037	0.02007	0.00874	22	0.38	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.49315	0.00610	0.48037	0.02007	0.00874	22	0.64	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.49400	0.00000	0.48037	0.02007	0.00874	22	0.68	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	0.50000	0.00000	0.48037	0.02007	0.00874	22	0.98	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.50100	0.00200	0.48037	0.02007	0.00874	22	1.03	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.51500	0.05000	0.48037	0.02007	0.00874	22	1.72	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.54250	0.02500	0.48037	0.02007	0.00874	22	3.09	6%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.48370	0.05160	0.48037	0.02007	0.00874	22	0.17	0%	1
126.02	Glycine, Post-col OPA Der (%)	0098	0.46750	0.00100				1			0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.46800	0.00000	0.50486	0.03134	0.02925	8	-1.18	4%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.47500	0.01000	0.50486	0.03134	0.02925	8	-0.95	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.48900	0.00000	0.50486	0.03134	0.02925	8	-0.51	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.50000	0.06000	0.50486	0.03134	0.02925	8	-0.16	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0853	0.51500	0.05000	0.50486	0.03134	0.02925	8	0.32	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.51500	0.07000	0.50486	0.03134	0.02925	8	0.32	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.52500	0.03400	0.50486	0.03134	0.02925	8	0.64	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.58500	0.01000	0.50486	0.03134	0.02925	8	2.56	8%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.38300	0.00000	0.46275	0.02370	0.01104	22	-3.37	9%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.40420	0.00100	0.46275	0.02370	0.01104	22	-2.47	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.40985	0.02950	0.46275	0.02370	0.01104	22	-2.23	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.42850	0.00700	0.46275	0.02370	0.01104	22	-1.45	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.44500	0.01000	0.46275	0.02370	0.01104	22	-0.75	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.45150	0.01700	0.46275	0.02370	0.01104	22	-0.47	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.45350	0.00300	0.46275	0.02370	0.01104	22	-0.39	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.45735	0.00290	0.46275	0.02370	0.01104	22	-0.23	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.46350	0.00100	0.46275	0.02370	0.01104	22	0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.46500	0.01000	0.46275	0.02370	0.01104	22	0.10	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.46650	0.00900	0.46275	0.02370	0.01104	22	0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.47000	0.02000	0.46275	0.02370	0.01104	22	0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.47000	0.02000	0.46275	0.02370	0.01104	22	0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.47200	0.03800	0.46275	0.02370	0.01104	22	0.39	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.47250	0.00700	0.46275	0.02370	0.01104	22	0.41	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.47500	0.01000	0.46275	0.02370	0.01104	22	0.52	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.47550	0.00100	0.46275	0.02370	0.01104	22	0.54	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.48115	0.00850	0.46275	0.02370	0.01104	22	0.78	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.48200	0.02200	0.46275	0.02370	0.01104	22	0.81	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.48500	0.01000	0.46275	0.02370	0.01104	22	0.94	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.48650	0.00300	0.46275	0.02370	0.01104	22	1.00	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.52150	0.01300	0.46275	0.02370	0.01104	22	2.48	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.50500	0.07000	0.46275	0.02370	0.01104	22	1.78	5%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.45400	0.00400				1			0
127.05	Histidine, Pre-col AQC Der (%)	0853	0.28500	0.01000	0.45901	0.03594	0.01500	8	-4.84	19%	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	
127.05	Histidine, Pre-col AQC Der (%)	0626	0.42300	0.00200	0.45901	0.03594	0.01500	8	-1.00	4%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.45500	0.00000	0.45901	0.03594	0.01500	8	-0.11	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.46500	0.03000	0.45901	0.03594	0.01500	8	0.17	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.46500	0.01000	0.45901	0.03594	0.01500	8	0.17	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.46900	0.02800	0.45901	0.03594	0.01500	8	0.28	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.49000	0.04000	0.45901	0.03594	0.01500	8	0.86	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.50000	0.00000	0.45901	0.03594	0.01500	8	1.14	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	1.2100	0.02000	1.4811	0.05871	0.02145	23	-4.62	9%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	1.3100	0.00000	1.4811	0.05871	0.02145	23	-2.91	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	1.4000	0.02000	1.4811	0.05871	0.02145	23	-1.38	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	1.4200	0.02000	1.4811	0.05871	0.02145	23	-1.04	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.4240	0.01000	1.4811	0.05871	0.02145	23	-0.97	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	1.4477	0.03820	1.4811	0.05871	0.02145	23	-0.57	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.4537	0.00730	1.4811	0.05871	0.02145	23	-0.47	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	1.4685	0.01500	1.4811	0.05871	0.02145	23	-0.21	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	1.4700	0.02000	1.4811	0.05871	0.02145	23	-0.19	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	1.4771	0.01940	1.4811	0.05871	0.02145	23	-0.07	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	1.4800	0.04000	1.4811	0.05871	0.02145	23	-0.02	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	1.4855	0.00700	1.4811	0.05871	0.02145	23	0.08	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	1.4900	0.00600	1.4811	0.05871	0.02145	23	0.15	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	1.4940	0.04800	1.4811	0.05871	0.02145	23	0.22	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	1.4975	0.02100	1.4811	0.05871	0.02145	23	0.28	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	1.4990	0.00800	1.4811	0.05871	0.02145	23	0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.5070	0.02400	1.4811	0.05871	0.02145	23	0.44	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	1.5170	0.00000	1.4811	0.05871	0.02145	23	0.61	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	1.5222	0.03650	1.4811	0.05871	0.02145	23	0.70	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	1.5450	0.01000	1.4811	0.05871	0.02145	23	1.09	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	1.5450	0.03000	1.4811	0.05871	0.02145	23	1.09	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	1.5665	0.01900	1.4811	0.05871	0.02145	23	1.46	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	1.8170	0.07400	1.4811	0.05871	0.02145	23	5.72	11%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.5240	0.00200				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.49500	0.03000	1.4515	0.15097	0.02157	7	-6.34	33%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0853	1.3700	0.06000	1.4515	0.15097	0.02157	7	-0.54	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	1.4420	0.00000	1.4515	0.15097	0.02157	7	-0.06	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	1.4435	0.00100	1.4515	0.15097	0.02157	7	-0.05	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	1.4700	0.02000	1.4515	0.15097	0.02157	7	0.12	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	1.5850	0.03000	1.4515	0.15097	0.02157	7	0.88	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	1.6250	0.01000	1.4515	0.15097	0.02157	7	1.15	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	1.3905	0.16100	1.4515	0.15097	0.02157	7	-0.40	2%	1
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	2.3880	0.00000	2.5232	0.08164	0.02849	22	-1.66	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	2.4215	0.08300	2.5232	0.08164	0.02849	22	-1.25	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	2.4350	0.01000	2.5232	0.08164	0.02849	22	-1.08	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	
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	2.4500	0.02000	2.5232	0.08164	0.02849	22	-0.90	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	2.4570	0.02120	2.5232	0.08164	0.02849	22	-0.81	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	2.4650	0.01000	2.5232	0.08164	0.02849	22	-0.71	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	2.4710	0.01200	2.5232	0.08164	0.02849	22	-0.64	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	2.5000	0.02000	2.5232	0.08164	0.02849	22	-0.28	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	2.5060	0.01800	2.5232	0.08164	0.02849	22	-0.21	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	2.5100	0.04000	2.5232	0.08164	0.02849	22	-0.16	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	2.5205	0.01900	2.5232	0.08164	0.02849	22	-0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	2.5260	0.00800	2.5232	0.08164	0.02849	22	0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	2.5330	0.02800	2.5232	0.08164	0.02849	22	0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	2.5335	0.00700	2.5232	0.08164	0.02849	22	0.13	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	2.5500	0.04000	2.5232	0.08164	0.02849	22	0.33	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	2.5510	0.01000	2.5232	0.08164	0.02849	22	0.34	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	2.5565	0.02500	2.5232	0.08164	0.02849	22	0.41	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	2.5667	0.01750	2.5232	0.08164	0.02849	22	0.53	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	2.6235	0.05500	2.5232	0.08164	0.02849	22	1.23	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	2.6420	0.01490	2.5232	0.08164	0.02849	22	1.45	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	2.6735	0.14820	2.5232	0.08164	0.02849	22	1.84	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	2.7900	0.02000	2.5232	0.08164	0.02849	22	3.27	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	2.8800	0.18200	2.5232	0.08164	0.02849	22	4.37	7%	1
129.02	Leucine, Post-col OPA Der (%)	0098	2.5500	0.01000				1			0
129.05	Leucine, Pre-col AQC Der (%)	2196	2.4670	0.00000	2.5746	0.12833	0.04688	8	-0.84	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	2.4900	0.08000	2.5746	0.12833	0.04688	8	-0.66	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	2.4970	0.00600	2.5746	0.12833	0.04688	8	-0.60	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	2.5000	0.02000	2.5746	0.12833	0.04688	8	-0.58	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	2.5350	0.03000	2.5746	0.12833	0.04688	8	-0.31	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	2.6355	0.15900	2.5746	0.12833	0.04688	8	0.47	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	2.7050	0.01000	2.5746	0.12833	0.04688	8	1.02	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0853	2.9050	0.07000	2.5746	0.12833	0.04688	8	2.57	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	1.9152	0.12120	2.1694	0.13941	0.07305	24	-1.82	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	1.9300	0.02000	2.1694	0.13941	0.07305	24	-1.72	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	1.9925	0.04700	2.1694	0.13941	0.07305	24	-1.27	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	2.0100	0.04000	2.1694	0.13941	0.07305	24	-1.14	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	2.0578	0.04350	2.1694	0.13941	0.07305	24	-0.80	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	2.0800	0.00800	2.1694	0.13941	0.07305	24	-0.64	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	2.0960	0.00000	2.1694	0.13941	0.07305	24	-0.53	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	2.1050	0.11000	2.1694	0.13941	0.07305	24	-0.46	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	2.1235	0.03100	2.1694	0.13941	0.07305	24	-0.33	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	2.1475	0.04100	2.1694	0.13941	0.07305	24	-0.16	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	2.1510	0.06200	2.1694	0.13941	0.07305	24	-0.13	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	2.1700	0.00000	2.1694	0.13941	0.07305	24	0.00	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	2.1945	0.03100	2.1694	0.13941	0.07305	24	0.18	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			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	2.2100	0.04000	2.1694	0.13941	0.07305	24	0.29	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	2.2105	0.04300	2.1694	0.13941	0.07305	24	0.30	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	2.2150	0.31000	2.1694	0.13941	0.07305	24	0.33	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	2.2200	0.02000	2.1694	0.13941	0.07305	24	0.36	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	2.2300	0.04000	2.1694	0.13941	0.07305	24	0.43	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	2.2395	0.21700	2.1694	0.13941	0.07305	24	0.50	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	2.2660	0.31600	2.1694	0.13941	0.07305	24	0.69	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	2.2980	0.00400	2.1694	0.13941	0.07305	24	0.92	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	2.3707	0.01670	2.1694	0.13941	0.07305	24	1.44	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	2.4200	0.08000	2.1694	0.13941	0.07305	24	1.80	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	2.5750	0.11180	2.1694	0.13941	0.07305	24	2.91	9%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	2.2060	0.15200				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	2.0150	0.05000	2.1858	0.12481	0.05525	8	-1.37	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	2.0605	0.03300	2.1858	0.12481	0.05525	8	-1.00	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	2.1565	0.16900	2.1858	0.12481	0.05525	8	-0.23	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	2.1890	0.00000	2.1858	0.12481	0.05525	8	0.03	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2195	2.2000	0.00000	2.1858	0.12481	0.05525	8	0.11	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	2.2200	0.18000	2.1858	0.12481	0.05525	8	0.27	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	2.3100	0.00000	2.1858	0.12481	0.05525	8	1.00	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	2.3350	0.01000	2.1858	0.12481	0.05525	8	1.20	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0853	2.8550	0.49000	2.1858	0.12481	0.05525	8	5.36	15%	1
130.99	L-Lysine, Miscellaneous (%)	0939	2.1500	0.04000				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.38300	0.01200	0.45220	0.02834	0.01128	23	-2.44	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.41010	0.00400	0.45220	0.02834	0.01128	23	-1.49	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.41500	0.03000	0.45220	0.02834	0.01128	23	-1.31	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.42750	0.01100	0.45220	0.02834	0.01128	23	-0.87	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.42750	0.00900	0.45220	0.02834	0.01128	23	-0.87	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.43050	0.02100	0.45220	0.02834	0.01128	23	-0.77	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.43500	0.00000	0.45220	0.02834	0.01128	23	-0.61	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.43500	0.03000	0.45220	0.02834	0.01128	23	-0.61	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.44250	0.01300	0.45220	0.02834	0.01128	23	-0.34	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.44400	0.00800	0.45220	0.02834	0.01128	23	-0.29	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.45000	0.00000	0.45220	0.02834	0.01128	23	-0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.45500	0.01000	0.45220	0.02834	0.01128	23	0.10	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.46500	0.01000	0.45220	0.02834	0.01128	23	0.45	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.46500	0.01000	0.45220	0.02834	0.01128	23	0.45	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.46500	0.01000	0.45220	0.02834	0.01128	23	0.45	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.46650	0.00700	0.45220	0.02834	0.01128	23	0.50	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.47250	0.00300	0.45220	0.02834	0.01128	23	0.72	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.47450	0.01100	0.45220	0.02834	0.01128	23	0.79	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.47530	0.01480	0.45220	0.02834	0.01128	23	0.82	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.47635	0.02370	0.45220	0.02834	0.01128	23	0.85	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			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.47950	0.00100	0.45220	0.02834	0.01128	23	0.96	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.48450	0.00100	0.45220	0.02834	0.01128	23	1.14	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.50000	0.02000	0.45220	0.02834	0.01128	23	1.69	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.03000	0.02000	0.45220	0.02834	0.01128	23	-14.90	47%	2
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.46900	0.00600				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.36500	0.01000	0.47098	0.07397	0.00728	8	-1.43	11%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.43000	0.02000	0.47098	0.07397	0.00728	8	-0.55	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.44340	0.01720	0.47098	0.07397	0.00728	8	-0.37	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.46500	0.01000	0.47098	0.07397	0.00728	8	-0.08	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.47000	0.00000	0.47098	0.07397	0.00728	8	-0.01	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.48100	0.00000	0.47098	0.07397	0.00728	8	0.14	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.53150	0.00100	0.47098	0.07397	0.00728	8	0.82	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2195	0.73000	0.00000	0.47098	0.07397	0.00728	8	3.50	27%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0853	0.37500	0.31000	0.47098	0.07397	0.00728	8	-1.30	10%	1
131.99	Methionine, Miscellaneous (%)	0939	0.47500	0.01000				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.76200	0.00000	0.82620	0.04682	0.01095	22	-1.37	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.77550	0.01300	0.82620	0.04682	0.01095	22	-1.08	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.77800	0.00400	0.82620	0.04682	0.01095	22	-1.03	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.78000	0.02000	0.82620	0.04682	0.01095	22	-0.99	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.78170	0.00160	0.82620	0.04682	0.01095	22	-0.95	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.79155	0.00610	0.82620	0.04682	0.01095	22	-0.74	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.80900	0.00400	0.82620	0.04682	0.01095	22	-0.37	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.81000	0.00000	0.82620	0.04682	0.01095	22	-0.35	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.81400	0.03600	0.82620	0.04682	0.01095	22	-0.26	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.81400	0.01800	0.82620	0.04682	0.01095	22	-0.26	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.81500	0.01000	0.82620	0.04682	0.01095	22	-0.24	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.81600	0.02200	0.82620	0.04682	0.01095	22	-0.22	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.81750	0.01500	0.82620	0.04682	0.01095	22	-0.19	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.83000	0.00000	0.82620	0.04682	0.01095	22	0.08	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.83500	0.00200	0.82620	0.04682	0.01095	22	0.19	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.85800	0.01400	0.82620	0.04682	0.01095	22	0.68	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.86300	0.01800	0.82620	0.04682	0.01095	22	0.79	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.87500	0.02200	0.82620	0.04682	0.01095	22	1.04	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.87825	0.00810	0.82620	0.04682	0.01095	22	1.11	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.88000	0.02000	0.82620	0.04682	0.01095	22	1.15	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	0.90000	0.00000	0.82620	0.04682	0.01095	22	1.58	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.90350	0.00700	0.82620	0.04682	0.01095	22	1.65	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.78955	0.06090	0.82620	0.04682	0.01095	22	-0.78	2%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.80900	0.00400				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0853	0.77000	0.06000	0.81155	0.04024	0.02263	8	-1.03	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.77700	0.03000	0.81155	0.04024	0.02263	8	-0.86	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.78750	0.00100	0.81155	0.04024	0.02263	8	-0.60	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	
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.79500	0.05000	0.81155	0.04024	0.02263	8	-0.41	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.82000	0.02000	0.81155	0.04024	0.02263	8	0.21	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.82600	0.00000	0.81155	0.04024	0.02263	8	0.36	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.84500	0.01000	0.81155	0.04024	0.02263	8	0.83	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.88500	0.01000	0.81155	0.04024	0.02263	8	1.83	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.0611	0.02040	1.4967	0.10285	0.03721	22	-4.23	15%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.3535	0.03700	1.4967	0.10285	0.03721	22	-1.39	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.3544	0.09360	1.4967	0.10285	0.03721	22	-1.38	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.3814	0.01510	1.4967	0.10285	0.03721	22	-1.12	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.3850	0.05000	1.4967	0.10285	0.03721	22	-1.09	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.4600	0.00000	1.4967	0.10285	0.03721	22	-0.36	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.4900	0.08000	1.4967	0.10285	0.03721	22	-0.06	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	1.4905	0.04300	1.4967	0.10285	0.03721	22	-0.06	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.4930	0.00400	1.4967	0.10285	0.03721	22	-0.04	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.4980	0.02000	1.4967	0.10285	0.03721	22	0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2022	1.5000	0.02000	1.4967	0.10285	0.03721	22	0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.5010	0.02400	1.4967	0.10285	0.03721	22	0.04	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.5050	0.07000	1.4967	0.10285	0.03721	22	0.08	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.5060	0.02600	1.4967	0.10285	0.03721	22	0.09	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.5070	0.05400	1.4967	0.10285	0.03721	22	0.10	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.5285	0.05100	1.4967	0.10285	0.03721	22	0.31	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.5579	0.09050	1.4967	0.10285	0.03721	22	0.60	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.5600	0.02000	1.4967	0.10285	0.03721	22	0.62	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.5875	0.02100	1.4967	0.10285	0.03721	22	0.88	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.6235	0.05900	1.4967	0.10285	0.03721	22	1.23	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.6700	0.02000	1.4967	0.10285	0.03721	22	1.69	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.7060	0.00000	1.4967	0.10285	0.03721	22	2.04	7%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.5370	0.17400	1.4967	0.10285	0.03721	22	0.39	1%	1
133.05	Proline, Pre-col AQC Der (%)	0626	1.4350	0.00600	1.5857	0.11378	0.04575	8	-1.32	5%	0
133.05	Proline, Pre-col AQC Der (%)	0610	1.4800	0.02000	1.5857	0.11378	0.04575	8	-0.93	3%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.5600	0.10000	1.5857	0.11378	0.04575	8	-0.23	1%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.5700	0.08000	1.5857	0.11378	0.04575	8	-0.14	0%	0
133.05	Proline, Pre-col AQC Der (%)	2196	1.6000	0.00000	1.5857	0.11378	0.04575	8	0.13	0%	0
133.05	Proline, Pre-col AQC Der (%)	0407	1.6390	0.07000	1.5857	0.11378	0.04575	8	0.47	2%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.6450	0.01000	1.5857	0.11378	0.04575	8	0.52	2%	0
133.05	Proline, Pre-col AQC Der (%)	0853	1.7600	0.08000	1.5857	0.11378	0.04575	8	1.53	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.1811	0.01060	1.2657	0.05309	0.02063	22	-1.59	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	1.2050	0.01000	1.2657	0.05309	0.02063	22	-1.14	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	1.2100	0.04000	1.2657	0.05309	0.02063	22	-1.05	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	1.2250	0.01000	1.2657	0.05309	0.02063	22	-0.77	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	1.2340	0.00000	1.2657	0.05309	0.02063	22	-0.60	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.2350	0.01000	1.2657	0.05309	0.02063	22	-0.58	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.2390	0.01200	1.2657	0.05309	0.02063	22	-0.50	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.2465	0.00700	1.2657	0.05309	0.02063	22	-0.36	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	1.2470	0.02400	1.2657	0.05309	0.02063	22	-0.35	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	1.2475	0.00700	1.2657	0.05309	0.02063	22	-0.34	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.2495	0.03900	1.2657	0.05309	0.02063	22	-0.30	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.2545	0.01100	1.2657	0.05309	0.02063	22	-0.21	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	1.2580	0.00200	1.2657	0.05309	0.02063	22	-0.14	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	1.2615	0.07180	1.2657	0.05309	0.02063	22	-0.08	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.2760	0.01200	1.2657	0.05309	0.02063	22	0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	1.2875	0.02500	1.2657	0.05309	0.02063	22	0.41	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	1.3115	0.01700	1.2657	0.05309	0.02063	22	0.86	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	1.3150	0.01000	1.2657	0.05309	0.02063	22	0.93	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.3200	0.02000	1.2657	0.05309	0.02063	22	1.02	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.3535	0.09550	1.2657	0.05309	0.02063	22	1.65	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.3759	0.01590	1.2657	0.05309	0.02063	22	2.08	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	1.4390	0.00400	1.2657	0.05309	0.02063	22	3.27	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	1.1400	0.16000	1.2657	0.05309	0.02063	22	-2.37	5%	1
134.02	Serine, Post-col OPA Der (%)	0098	1.1250	0.05200				1			0
134.05	Serine, Pre-col AQC Der (%)	0610	1.1450	0.01000	1.2710	0.06683	0.00771	7	-1.88	5%	0
134.05	Serine, Pre-col AQC Der (%)	0148	1.2200	0.00000	1.2710	0.06683	0.00771	7	-0.76	2%	0
134.05	Serine, Pre-col AQC Der (%)	0626	1.2650	0.00200	1.2710	0.06683	0.00771	7	-0.09	0%	0
134.05	Serine, Pre-col AQC Der (%)	2196	1.2760	0.00000	1.2710	0.06683	0.00771	7	0.08	0%	0
134.05	Serine, Pre-col AQC Der (%)	0407	1.3050	0.00200	1.2710	0.06683	0.00771	7	0.51	1%	0
134.05	Serine, Pre-col AQC Der (%)	0676	1.3300	0.02000	1.2710	0.06683	0.00771	7	0.88	2%	0
134.05	Serine, Pre-col AQC Der (%)	2188	1.3300	0.02000	1.2710	0.06683	0.00771	7	0.88	2%	0
134.05	Serine, Pre-col AQC Der (%)	0853	1.4200	0.12000	1.2710	0.06683	0.00771	7	2.23	6%	1
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	1.5106	0.01930	1.6297	0.07835	0.02488	22	-1.52	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	1.5350	0.00000	1.6297	0.07835	0.02488	22	-1.21	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	1.5350	0.03000	1.6297	0.07835	0.02488	22	-1.21	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	1.5461	0.08100	1.6297	0.07835	0.02488	22	-1.07	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.5680	0.01600	1.6297	0.07835	0.02488	22	-0.79	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	1.5775	0.00300	1.6297	0.07835	0.02488	22	-0.67	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	1.6000	0.04000	1.6297	0.07835	0.02488	22	-0.38	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	1.6000	0.00000	1.6297	0.07835	0.02488	22	-0.38	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	1.6150	0.03000	1.6297	0.07835	0.02488	22	-0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	1.6150	0.02400	1.6297	0.07835	0.02488	22	-0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	1.6150	0.07000	1.6297	0.07835	0.02488	22	-0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	1.6390	0.07800	1.6297	0.07835	0.02488	22	0.12	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	1.6420	0.01600	1.6297	0.07835	0.02488	22	0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	1.6440	0.03000	1.6297	0.07835	0.02488	22	0.18	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	1.6600	0.00000	1.6297	0.07835	0.02488	22	0.39	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	1.6620	0.02000	1.6297	0.07835	0.02488	22	0.41	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.6670	0.00600	1.6297	0.07835	0.02488	22	0.48	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	1.6685	0.02700	1.6297	0.07835	0.02488	22	0.50	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	1.7276	0.01260	1.6297	0.07835	0.02488	22	1.25	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	1.7300	0.02000	1.6297	0.07835	0.02488	22	1.28	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	1.7685	0.01700	1.6297	0.07835	0.02488	22	1.77	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	1.8028	0.00740	1.6297	0.07835	0.02488	22	2.21	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	2.0940	0.33800	1.6297	0.07835	0.02488	22	5.93	14%	1
135.02	Threonine, Post-col OPA Der (%)	0098	1.6945	0.01100				1			0
135.05	Threonine, Pre-col AQC Der (%)	0148	1.5250	0.09000	1.6443	0.09011	0.02944	9	-1.32	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	1.5850	0.07000	1.6443	0.09011	0.02944	9	-0.66	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0407	1.5995	0.05300	1.6443	0.09011	0.02944	9	-0.50	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	1.6160	0.02200	1.6443	0.09011	0.02944	9	-0.31	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	1.6240	0.00000	1.6443	0.09011	0.02944	9	-0.23	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	1.6400	0.00000	1.6443	0.09011	0.02944	9	-0.05	0%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	1.6900	0.00000	1.6443	0.09011	0.02944	9	0.51	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2195	1.7400	0.00000	1.6443	0.09011	0.02944	9	1.06	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0853	1.7950	0.03000	1.6443	0.09011	0.02944	9	1.67	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.33800	0.00000	0.35817	0.02189	0.01190	6	-0.92	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.34300	0.00840	0.35817	0.02189	0.01190	6	-0.69	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.35000	0.02000	0.35817	0.02189	0.01190	6	-0.37	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.36000	0.02000	0.35817	0.02189	0.01190	6	0.08	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.36700	0.00000	0.35817	0.02189	0.01190	6	0.40	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.44650	0.02300	0.35817	0.02189	0.01190	6	4.04	12%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.43700	0.00400				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.44800	0.00200				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.45600	0.00400				3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.42150	0.00100				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.43970	0.00680	0.46134	0.02973	0.01136	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.44100	0.00200	0.46134	0.02973	0.01136	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.44650	0.00300	0.46134	0.02973	0.01136	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.46950	0.02500	0.46134	0.02973	0.01136	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.51000	0.02000	0.46134	0.02973	0.01136	5			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.41100	0.01600				1			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.47500	0.03000				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.49000	0.04000	0.66729	0.09026	0.02110	16	-1.96	13%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.50700	0.00000	0.66729	0.09026	0.02110	16	-1.78	12%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.57000	0.02000	0.66729	0.09026	0.02110	16	-1.08	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.60200	0.02400	0.66729	0.09026	0.02110	16	-0.72	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.61450	0.01300	0.66729	0.09026	0.02110	16	-0.58	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.62570	0.01980	0.66729	0.09026	0.02110	16	-0.46	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.64550	0.00500	0.66729	0.09026	0.02110	16	-0.24	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.70500	0.07000	0.66729	0.09026	0.02110	16	0.42	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.70600	0.00200	0.66729	0.09026	0.02110	16	0.43	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.71170	0.03480	0.66729	0.09026	0.02110	16	0.49	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.71350	0.01500	0.66729	0.09026	0.02110	16	0.51	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.72550	0.06100	0.66729	0.09026	0.02110	16	0.64	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.72800	0.01600	0.66729	0.09026	0.02110	16	0.67	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.73400	0.00200	0.66729	0.09026	0.02110	16	0.74	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.73650	0.00500	0.66729	0.09026	0.02110	16	0.77	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.79500	0.01000	0.66729	0.09026	0.02110	16	1.41	10%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.67350	0.03700				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.62250	0.01500	0.72234	0.07693	0.02850	8	-1.30	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.65100	0.00000	0.72234	0.07693	0.02850	8	-0.93	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.68500	0.05000	0.72234	0.07693	0.02850	8	-0.49	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.73250	0.04300	0.72234	0.07693	0.02850	8	0.13	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.74500	0.01000	0.72234	0.07693	0.02850	8	0.29	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0853	0.75000	0.04000	0.72234	0.07693	0.02850	8	0.36	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.75500	0.01000	0.72234	0.07693	0.02850	8	0.42	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	1.0000	0.06000	0.72234	0.07693	0.02850	8	3.61	19%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	1.1200	0.02000	1.4227	0.07465	0.01953	23	-4.05	11%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.1600	0.02000	1.4227	0.07465	0.01953	23	-3.52	9%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.3060	0.00250	1.4227	0.07465	0.01953	23	-1.56	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	1.3500	0.04000	1.4227	0.07465	0.01953	23	-0.97	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.3560	0.00000	1.4227	0.07465	0.01953	23	-0.89	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	1.3770	0.02400	1.4227	0.07465	0.01953	23	-0.61	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	1.3920	0.00000	1.4227	0.07465	0.01953	23	-0.41	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.4000	0.02000	1.4227	0.07465	0.01953	23	-0.30	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.4095	0.05900	1.4227	0.07465	0.01953	23	-0.18	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	1.4200	0.00000	1.4227	0.07465	0.01953	23	-0.04	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	1.4285	0.02100	1.4227	0.07465	0.01953	23	0.08	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.4315	0.00500	1.4227	0.07465	0.01953	23	0.12	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	1.4346	0.00270	1.4227	0.07465	0.01953	23	0.16	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.4350	0.05000	1.4227	0.07465	0.01953	23	0.16	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	1.4425	0.04300	1.4227	0.07465	0.01953	23	0.27	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.4455	0.01300	1.4227	0.07465	0.01953	23	0.31	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.4455	0.00100	1.4227	0.07465	0.01953	23	0.31	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	1.4771	0.01940	1.4227	0.07465	0.01953	23	0.73	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.4850	0.07000	1.4227	0.07465	0.01953	23	0.83	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	1.4850	0.01000	1.4227	0.07465	0.01953	23	0.83	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.5138	0.00070	1.4227	0.07465	0.01953	23	1.22	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	1.5270	0.02200	1.4227	0.07465	0.01953	23	1.40	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	1.6320	0.00600	1.4227	0.07465	0.01953	23	2.80	7%	0
138.02	Valine, Post-col OPA Der (%)	0098	1.4990	0.01600				1			0
138.05	Valine, Pre-col AQC Der (%)	0853	1.2950	0.03000	1.4249	0.06733	0.01529	7	-1.93	5%	0

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138.05	Valine, Pre-col AQC Der (%)	0626	1.3725	0.00700	1.4249	0.06733	0.01529	7	-0.78	2%	0
138.05	Valine, Pre-col AQC Der (%)	2196	1.4230	0.00000	1.4249	0.06733	0.01529	7	-0.03	0%	0
138.05	Valine, Pre-col AQC Der (%)	2188	1.4350	0.01000	1.4249	0.06733	0.01529	7	0.15	0%	0
138.05	Valine, Pre-col AQC Der (%)	0148	1.4600	0.00000	1.4249	0.06733	0.01529	7	0.52	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	1.4600	0.04000	1.4249	0.06733	0.01529	7	0.52	1%	0
138.05	Valine, Pre-col AQC Der (%)	0610	1.5000	0.02000	1.4249	0.06733	0.01529	7	1.12	3%	0
138.05	Valine, Pre-col AQC Der (%)	0407	1.3960	0.15800	1.4249	0.06733	0.01529	7	-0.43	1%	1
139.00	Taurine, Post-col Ninhydrin Der (%)	0910	0.02295	0.00010	0.07411	0.04970	0.00228	4			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0644	0.04600	0.00000	0.07411	0.04970	0.00228	4			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.09300	0.00000	0.07411	0.04970	0.00228	4			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.13450	0.00900	0.07411	0.04970	0.00228	4			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.18000	0.04000	0.07411	0.04970	0.00228	4			1
139.02	Taurine, Post-col OPA Der (%)	0098	0.04000	0.01600				1			0
139.03	Taurine, Pre-col Dansyl Cl Der (%)	0939	0.06000	0.00000				1			0
139.05	Taurine, Pre-col AQC Der (%)	0407	0.03650	0.02300				2			0
139.05	Taurine, Pre-col AQC Der (%)	0014	0.35400	0.04000				2			0
160.99	Fructose, Miscellaneous (%)	0160	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0638	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0297	< 0.0157					0			5
160.99	Fructose, Miscellaneous (%)	0861	< 0.1					0			5
161.99	Galactose, Miscellaneous (%)	0297	0.22650	0.01700				1			0
162.99	Glucose, Miscellaneous (%)	0638	0.20000	0.00000				3			0
162.99	Glucose, Miscellaneous (%)	0861	0.35000	0.10000				3			0
162.99	Glucose, Miscellaneous (%)	0910	0.80000	0.20000				3			0
162.99	Glucose, Miscellaneous (%)	0160	0.00000	0.00000				3			4
162.99	Glucose, Miscellaneous (%)	0619	0.00000	0.00000				3			4
162.99	Glucose, Miscellaneous (%)	0297	< 0.0106					3			5
163.99	Lactose, Miscellaneous (%)	0160	19.200	1.6000	36.002	3.8097	0.58010	20	-4.41	23%	0
163.99	Lactose, Miscellaneous (%)	0939	29.790	0.84000	36.002	3.8097	0.58010	20	-1.63	9%	0
163.99	Lactose, Miscellaneous (%)	0297	31.680	0.76000	36.002	3.8097	0.58010	20	-1.13	6%	0
163.99	Lactose, Miscellaneous (%)	0148	31.900	1.6000	36.002	3.8097	0.58010	20	-1.08	6%	0
163.99	Lactose, Miscellaneous (%)	2196	34.150	0.00000	36.002	3.8097	0.58010	20	-0.49	3%	0
163.99	Lactose, Miscellaneous (%)	0676	34.260	0.94000	36.002	3.8097	0.58010	20	-0.46	2%	0
163.99	Lactose, Miscellaneous (%)	2126	35.150	0.90000	36.002	3.8097	0.58010	20	-0.22	1%	0
163.99	Lactose, Miscellaneous (%)	2012	35.550	0.02000	36.002	3.8097	0.58010	20	-0.12	1%	0
163.99	Lactose, Miscellaneous (%)	0861	36.100	0.40000	36.002	3.8097	0.58010	20	0.03	0%	0
163.99	Lactose, Miscellaneous (%)	0910	36.100	0.20000	36.002	3.8097	0.58010	20	0.03	0%	0
163.99	Lactose, Miscellaneous (%)	2129	36.148	0.65200	36.002	3.8097	0.58010	20	0.04	0%	0
163.99	Lactose, Miscellaneous (%)	2144	36.255	0.33000	36.002	3.8097	0.58010	20	0.07	0%	0
163.99	Lactose, Miscellaneous (%)	0921	36.330	0.44000	36.002	3.8097	0.58010	20	0.09	0%	0
163.99	Lactose, Miscellaneous (%)	0941	36.430	0.24000	36.002	3.8097	0.58010	20	0.11	1%	0

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163.99	Lactose, Miscellaneous (%)	0868	37.595	0.13000	36.002	3.8097	0.58010	20	0.42	2%	0
163.99	Lactose, Miscellaneous (%)	0045	38.500	0.40000	36.002	3.8097	0.58010	20	0.66	3%	0
163.99	Lactose, Miscellaneous (%)	0948	39.245	0.47000	36.002	3.8097	0.58010	20	0.85	5%	0
163.99	Lactose, Miscellaneous (%)	0619	40.750	0.30000	36.002	3.8097	0.58010	20	1.25	7%	0
163.99	Lactose, Miscellaneous (%)	0689	41.600	0.20000	36.002	3.8097	0.58010	20	1.47	8%	0
163.99	Lactose, Miscellaneous (%)	0353	42.270	1.1800	36.002	3.8097	0.58010	20	1.65	9%	0
163.99	Lactose, Miscellaneous (%)	0171	38.850	8.5000	36.002	3.8097	0.58010	20	0.75	4%	1
164.99	Maltose, Miscellaneous (%)	0861	0.15000	0.10000				1			0
164.99	Maltose, Miscellaneous (%)	0160	0.00000	0.00000				1			4
164.99	Maltose, Miscellaneous (%)	0297	< 0.0137					1			5
165.99	Sucrose, Miscellaneous (%)	0160	0.00000	0.00000				0			4
165.99	Sucrose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
165.99	Sucrose, Miscellaneous (%)	0297	< 0.0194					0			5
165.99	Sucrose, Miscellaneous (%)	0861	< 0.1					0			5
166.99	Raffinose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
166.99	Raffinose, Miscellaneous (%)	0297	< 0.054					0			5
167.99	Stachyose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
167.99	Stachyose, Miscellaneous (%)	0297	< 0.0384					0			5
323.99	Diflubenzuron, Miscellaneous (mg/kg (ppm))	2053	3.2000	1.8000				2			0
323.99	Diflubenzuron, Miscellaneous (mg/kg (ppm))	0675	4.6700	1.5000				2			0
361.02	Lasalocid Sodium, LC (mg/kg (ppm))	0035	28.485	0.65000	30.520	2.0757	1.2661	4			0
361.02	Lasalocid Sodium, LC (mg/kg (ppm))	0001	29.250	1.9000	30.520	2.0757	1.2661	4			0
361.02	Lasalocid Sodium, LC (mg/kg (ppm))	0036	31.250	0.30000	30.520	2.0757	1.2661	4			0
361.02	Lasalocid Sodium, LC (mg/kg (ppm))	0964	33.097	2.2142	30.520	2.0757	1.2661	4			0
361.02	Lasalocid Sodium, LC (mg/kg (ppm))	0047	51.850	2.9000	30.520	2.0757	1.2661	4			2
361.03	Lasalocid Sodium, LC (UV or FL) (mg/kg (ppm))	0910	26.100	4.4000	28.617	2.3293	2.3922	9	-1.08	4%	0
361.03	Lasalocid Sodium, LC (UV or FL) (mg/kg (ppm))	0032	26.400	0.60000	28.617	2.3293	2.3922	9	-0.95	4%	0
361.03	Lasalocid Sodium, LC (UV or FL) (mg/kg (ppm))	0610	27.450	0.70000	28.617	2.3293	2.3922	9	-0.50	2%	0
361.03	Lasalocid Sodium, LC (UV or FL) (mg/kg (ppm))	0218	27.700	1.4000	28.617	2.3293	2.3922	9	-0.39	2%	0
361.03	Lasalocid Sodium, LC (UV or FL) (mg/kg (ppm))	0010	28.000	0.20000	28.617	2.3293	2.3922	9	-0.27	1%	0
361.03	Lasalocid Sodium, LC (UV or FL) (mg/kg (ppm))	0016	28.700	4.4000	28.617	2.3293	2.3922	9	0.04	0%	0
361.03	Lasalocid Sodium, LC (UV or FL) (mg/kg (ppm))	0038	30.195	0.97000	28.617	2.3293	2.3922	9	0.68	3%	0
361.03	Lasalocid Sodium, LC (UV or FL) (mg/kg (ppm))	0014	30.900	2.8000	28.617	2.3293	2.3922	9	0.98	4%	0
361.03	Lasalocid Sodium, LC (UV or FL) (mg/kg (ppm))	0028	34.870	6.0600	28.617	2.3293	2.3922	9	2.68	11%	0
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	2144	18.125	0.79000	25.881	6.4165	1.6375	4			0
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	2113	25.000	2.0000	25.881	6.4165	1.6375	4			0
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	0553	26.645	0.69000	25.881	6.4165	1.6375	4			0
361.05	Lasalocid Sodium, LC-MS/MS (mg/kg (ppm))	0610	33.755	3.0700	25.881	6.4165	1.6375	4			0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.31245	0.00150	0.33204	0.01984	0.00412	6	-0.99	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.31300	0.01000	0.33204	0.01984	0.00412	6	-0.96	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.33175	0.00210	0.33204	0.01984	0.00412	6	-0.01	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.33400	0.00400	0.33204	0.01984	0.00412	6	0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.34355	0.00610	0.33204	0.01984	0.00412	6	0.58	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2009	0.35750	0.00100	0.33204	0.01984	0.00412	6	1.28	4%	0
400.99	Water Activity, Miscellaneous (Units)	2073	0.30050	0.00300				2			0
400.99	Water Activity, Miscellaneous (Units)	0843	0.33200	0.00200				2			0
412.01	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	0.27000	0.06000				1			0
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0171	< 0.05					0			5
516.43	Arsenic, Total, ICP, Microwave (mg / kg (ppm))	0407	0.36965	0.08110				1			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.00820	0.00060	0.03571	0.03240	0.00508	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	2012	0.01400	0.00200	0.03571	0.03240	0.00508	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.04150	0.00500	0.03571	0.03240	0.00508	4			0
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.07915	0.01270	0.03571	0.03240	0.00508	4			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	< 0.05					0			5
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.00465	0.00210				2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2012	0.00500	0.00000				2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	< 0.005					2			5
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	0.36050	0.02300				1			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	0.23000	0.02400				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	0.24800	0.00400				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	0.09500	0.01000				1			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.12600	0.01200				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.09150	0.01460				1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	< 0.05					0			5
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.03250	0.00100	0.03436	0.00207	0.00418	4			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.03295	0.00570	0.03436	0.00207	0.00418	4			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	2012	0.03500	0.00400	0.03436	0.00207	0.00418	4			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.03700	0.00600	0.03436	0.00207	0.00418	4			0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	2012	0.96350	0.21300				1			0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	0.07450	0.00900				1			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.12250	0.00900				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	0.08530	0.00020				1			0
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.10050	0.00100				1			0
704.00	Caproic Acid (6:0), Miscellaneous GC (%)	0619	0.05250	0.00100				1			0
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis	0619	0.23650	0.00300				1			0
708.01	Capric acid (10:0), Direct Methylation by Alkali Hydrolysis	0619	0.22600	0.00400				1			0
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis	0619	0.89600	0.01800				1			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.46400	0.01600				3			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	0.53800	0.00440				3			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	0.56000	0.02000				3			0
714.01	Myristic Acid (14:0), Direct Methylation by Alkali Hydrolysi	0619	0.91750	0.01900				1			0
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	0.56500	0.01000				2			0
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.57925	0.02050				2			0
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi:	0619	4.0400	0.16000				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))	0164	4.2450	0.09000				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	4.4499	0.31280				2		0	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc	0619	0.31800	0.01000				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.27850	0.00700				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.32030	0.01880				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	0.39000	0.00000				3		0	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis	0619	3.2350	0.09000				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	2.3152	0.12300				1		0	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi	0619	5.7800	0.10000				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	5.7450	0.03000				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	6.3107	0.47220				2		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy	0619	2.7600	0.06000				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	2.7000	0.04000				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.8105	0.03900				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	2.8803	0.18560				3		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0619	0.18050	0.00700				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	0.14000	0.00000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.15065	0.01030				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.15750	0.00100				3		0	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali Hydrolys	0619	0.07200	0.00000				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.03675	0.00430				1		0	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr	0619	0.13350	0.00500				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.12395	0.01510				1		0	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation	0619	0.04700	0.00000				1		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0676	0.05300	0.00200				1		0	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkal	0619	0.05600	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	0676	0.00000	0.00000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	< 0.006					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.02050	0.00320				2		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	0.02500	0.01000				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))	0226	< 0.006					0		5	
746.01	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5)	0619	0.07100	0.00000				1		0	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5)	0676	0.01050	0.00100				2		0	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5)	0226	0.01140	0.00280				2		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.01575	0.00470				1		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)	0676	0.00000	0.00000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	< 0.005					0		5	
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	0619	0.00000	0.00000				0		4	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0		5	

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754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct	0148	0.17000	0.00000				1		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0164	0.17000	0.00000				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell	0676	0.18000	0.00000				2		0	
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct	0148	2.6600	0.00000				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0164	2.8000	0.04000				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscell	0676	2.9900	0.06000				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	8.0600	0.16000				1		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w	0164	6.6850	0.03000				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w	0164	3.0100	0.04000				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	18.745	0.15000				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	17.753	1.1777				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	17.890	0.14000				2		0	

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 5 = A reporting limit and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). Flag 3 indicates not used in statistics.