

Lamb Feed, Medicated

Animal Feed Scheme

Labs Reporting: 197

Test Material Code # 201632

Method Proficiency Testing Report

Issue Date : 01/31/2017

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	0.90000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	6.4600	0.12000	8.1865	0.68645	0.18491	9	-2.52	11%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0620	7.2259	0.21420	8.1865	0.68645	0.18491	9	-1.40	6%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	8.1300	0.50000	8.1865	0.68645	0.18491	9	-0.08	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0016	8.3600	0.08000	8.1865	0.68645	0.18491	9	0.25	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	8.3750	0.27000	8.1865	0.68645	0.18491	9	0.27	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	8.4150	0.07000	8.1865	0.68645	0.18491	9	0.33	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	8.4860	0.05000	8.1865	0.68645	0.18491	9	0.44	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.5800	0.02000	8.1865	0.68645	0.18491	9	0.57	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.9500	0.34000	8.1865	0.68645	0.18491	9	1.11	5%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	8.1760	0.01800	8.5570	0.26133	0.04168	5	-1.46	2%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	8.4250	0.05000	8.5570	0.26133	0.04168	5	-0.51	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	8.6050	0.03000	8.5570	0.26133	0.04168	5	0.18	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	8.7789	0.05040	8.5570	0.26133	0.04168	5	0.85	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	8.8000	0.06000	8.5570	0.26133	0.04168	5	0.93	1%	0
001.05	Loss on Drying, LECO (%)	0610	8.4050	0.09000				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.7600	0.08000	8.4339	0.29944	0.09375	39	-2.25	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.8550	0.01000	8.4339	0.29944	0.09375	39	-1.93	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.9100	0.00000	8.4339	0.29944	0.09375	39	-1.75	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	7.9400	0.00000	8.4339	0.29944	0.09375	39	-1.65	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	8.0350	0.01000	8.4339	0.29944	0.09375	39	-1.33	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	8.1000	0.06000	8.4339	0.29944	0.09375	39	-1.12	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.1400	0.08000	8.4339	0.29944	0.09375	39	-0.98	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.1500	0.30000	8.4339	0.29944	0.09375	39	-0.95	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.2450	0.11000	8.4339	0.29944	0.09375	39	-0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	8.2450	0.05000	8.4339	0.29944	0.09375	39	-0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2145	8.2650	0.03000	8.4339	0.29944	0.09375	39	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.3313	0.08730	8.4339	0.29944	0.09375	39	-0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.3500	0.10000	8.4339	0.29944	0.09375	39	-0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	8.3543	0.06090	8.4339	0.29944	0.09375	39	-0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.3600	0.02000	8.4339	0.29944	0.09375	39	-0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.3650	0.03000	8.4339	0.29944	0.09375	39	-0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	8.3750	0.11000	8.4339	0.29944	0.09375	39	-0.20	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.3900	0.10000	8.4339	0.29944	0.09375	39	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.4000	0.04000	8.4339	0.29944	0.09375	39	-0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.4050	0.01000	8.4339	0.29944	0.09375	39	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	8.4850	0.13000	8.4339	0.29944	0.09375	39	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.5000	0.00000	8.4339	0.29944	0.09375	39	0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	8.5050	0.01000	8.4339	0.29944	0.09375	39	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.5350	0.11000	8.4339	0.29944	0.09375	39	0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.5450	0.13000	8.4339	0.29944	0.09375	39	0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	8.5600	0.10000	8.4339	0.29944	0.09375	39	0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.5650	0.05000	8.4339	0.29944	0.09375	39	0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	8.5850	0.03000	8.4339	0.29944	0.09375	39	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	8.5890	0.07800	8.4339	0.29944	0.09375	39	0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	8.6400	0.10000	8.4339	0.29944	0.09375	39	0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	8.6450	0.17000	8.4339	0.29944	0.09375	39	0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	8.6850	0.03000	8.4339	0.29944	0.09375	39	0.84	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	8.7000	0.04000	8.4339	0.29944	0.09375	39	0.89	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	8.7450	0.07000	8.4339	0.29944	0.09375	39	1.04	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	8.7600	0.02000	8.4339	0.29944	0.09375	39	1.09	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.7800	0.02000	8.4339	0.29944	0.09375	39	1.16	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.1700	0.42000	8.4339	0.29944	0.09375	39	2.46	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	9.2300	0.00000	8.4339	0.29944	0.09375	39	2.66	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.4000	0.86000	8.4339	0.29944	0.09375	39	3.23	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.8200	1.4200	8.4339	0.29944	0.09375	39	-2.05	4%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	8.6500	0.10000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	8.7500	0.10000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	6.8900	0.00000	8.3470	0.55622	0.06927	17	-2.62	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	6.9750	0.17000	8.3470	0.55622	0.06927	17	-2.47	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.7800	0.26000	8.3470	0.55622	0.06927	17	-1.02	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	7.9950	0.13000	8.3470	0.55622	0.06927	17	-0.63	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.0350	0.03000	8.3470	0.55622	0.06927	17	-0.56	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.0700	0.00000	8.3470	0.55622	0.06927	17	-0.50	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	8.1150	0.01000	8.3470	0.55622	0.06927	17	-0.42	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0644	8.2900	0.02000	8.3470	0.55622	0.06927	17	-0.10	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.3450	0.01000	8.3470	0.55622	0.06927	17	0.00	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	8.5000	0.00000	8.3470	0.55622	0.06927	17	0.28	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.5500	0.10000	8.3470	0.55622	0.06927	17	0.37	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	8.6700	0.10000	8.3470	0.55622	0.06927	17	0.58	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.7683	0.07760	8.3470	0.55622	0.06927	17	0.76	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	8.8150	0.17000	8.3470	0.55622	0.06927	17	0.84	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	8.8950	0.01000	8.3470	0.55622	0.06927	17	0.99	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	8.9900	0.06000	8.3470	0.55622	0.06927	17	1.16	4%	0

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001.99	Loss on Drying, Miscellaneous (%)	0629	9.0550	0.03000	8.3470	0.55622	0.06927	17	1.27	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	8.2300	0.56000	8.3470	0.55622	0.06927	17	-0.21	1%	1
002.00	Protein, Crude (%)	0169	18.635	0.27000				3			0
002.00	Protein, Crude (%)	2109	19.070	0.00000				3			0
002.00	Protein, Crude (%)	0940	19.230	0.00000				3			0
002.01	Protein, Auto Kjehl-Foss (%)	0870	19.004	0.16900	19.205	0.19251	0.10964	11	-1.05	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0889	19.025	0.01000	19.205	0.19251	0.10964	11	-0.94	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0685	19.035	0.01000	19.205	0.19251	0.10964	11	-0.88	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0910	19.100	0.20000	19.205	0.19251	0.10964	11	-0.55	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0652	19.150	0.30000	19.205	0.19251	0.10964	11	-0.29	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0653	19.165	0.01000	19.205	0.19251	0.10964	11	-0.21	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0968	19.174	0.20700	19.205	0.19251	0.10964	11	-0.16	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0164	19.340	0.02000	19.205	0.19251	0.10964	11	0.70	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0043	19.345	0.09000	19.205	0.19251	0.10964	11	0.73	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0028	19.425	0.19000	19.205	0.19251	0.10964	11	1.14	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0152	19.600	0.00000	19.205	0.19251	0.10964	11	2.05	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	19.362	0.02360				2			0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	19.420	0.18000				2			0
002.04	Protein, Copper Catalyst (%)	0874	19.090	0.10000	19.444	0.31252	0.20333	6	-1.13	1%	0
002.04	Protein, Copper Catalyst (%)	0187	19.340	0.08000	19.444	0.31252	0.20333	6	-0.33	0%	0
002.04	Protein, Copper Catalyst (%)	2057	19.345	0.05000	19.444	0.31252	0.20333	6	-0.32	0%	0
002.04	Protein, Copper Catalyst (%)	0728	19.415	0.09000	19.444	0.31252	0.20333	6	-0.09	0%	0
002.04	Protein, Copper Catalyst (%)	0504	19.560	0.20000	19.444	0.31252	0.20333	6	0.37	0%	0
002.04	Protein, Copper Catalyst (%)	0405	25.050	0.70000	19.444	0.31252	0.20333	6	17.94	14%	0
002.05	Protein, Copper, Boric Acid (%)	2106	18.575	0.07000	19.231	0.20884	0.09778	28	-3.14	2%	0
002.05	Protein, Copper, Boric Acid (%)	0552	18.930	0.04000	19.231	0.20884	0.09778	28	-1.44	1%	0
002.05	Protein, Copper, Boric Acid (%)	0675	18.930	0.12000	19.231	0.20884	0.09778	28	-1.44	1%	0
002.05	Protein, Copper, Boric Acid (%)	0885	18.972	0.19010	19.231	0.20884	0.09778	28	-1.24	1%	0
002.05	Protein, Copper, Boric Acid (%)	0674	19.010	0.00000	19.231	0.20884	0.09778	28	-1.06	1%	0
002.05	Protein, Copper, Boric Acid (%)	0651	19.030	0.02000	19.231	0.20884	0.09778	28	-0.96	1%	0
002.05	Protein, Copper, Boric Acid (%)	0939	19.055	0.19000	19.231	0.20884	0.09778	28	-0.84	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	19.095	0.47000	19.231	0.20884	0.09778	28	-0.65	0%	0
002.05	Protein, Copper, Boric Acid (%)	2145	19.105	0.03000	19.231	0.20884	0.09778	28	-0.60	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	19.210	0.04000	19.231	0.20884	0.09778	28	-0.10	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	19.215	0.04900	19.231	0.20884	0.09778	28	-0.08	0%	0
002.05	Protein, Copper, Boric Acid (%)	0881	19.229	0.01100	19.231	0.20884	0.09778	28	-0.01	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	19.250	0.10000	19.231	0.20884	0.09778	28	0.09	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	19.260	0.02000	19.231	0.20884	0.09778	28	0.14	0%	0
002.05	Protein, Copper, Boric Acid (%)	0620	19.269	0.27960	19.231	0.20884	0.09778	28	0.18	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	19.285	0.01000	19.231	0.20884	0.09778	28	0.26	0%	0
002.05	Protein, Copper, Boric Acid (%)	0015	19.325	0.05000	19.231	0.20884	0.09778	28	0.45	0%	0

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002.05	Protein, Copper, Boric Acid (%)	2009	19.329	0.00140	19.231	0.20884	0.09778	28	0.47	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	19.330	0.04000	19.231	0.20884	0.09778	28	0.47	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	19.335	0.09000	19.231	0.20884	0.09778	28	0.50	0%	0
002.05	Protein, Copper, Boric Acid (%)	2062	19.336	0.02670	19.231	0.20884	0.09778	28	0.50	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	19.345	0.01000	19.231	0.20884	0.09778	28	0.54	0%	0
002.05	Protein, Copper, Boric Acid (%)	0689	19.350	0.10000	19.231	0.20884	0.09778	28	0.57	0%	0
002.05	Protein, Copper, Boric Acid (%)	0852	19.350	0.18000	19.231	0.20884	0.09778	28	0.57	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	19.380	0.02000	19.231	0.20884	0.09778	28	0.71	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	19.595	0.07000	19.231	0.20884	0.09778	28	1.74	1%	0
002.05	Protein, Copper, Boric Acid (%)	2012	19.655	0.31000	19.231	0.20884	0.09778	28	2.03	1%	0
002.05	Protein, Copper, Boric Acid (%)	0955	19.700	0.20000	19.231	0.20884	0.09778	28	2.24	1%	0
002.05	Protein, Copper, Boric Acid (%)	2146	19.995	0.61000	19.231	0.20884	0.09778	28	3.66	2%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	18.600	0.20000	19.541	0.23508	0.14731	129	-4.00	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	18.650	0.06000	19.541	0.23508	0.14731	129	-3.79	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	18.750	0.00000	19.541	0.23508	0.14731	129	-3.36	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2051	18.795	0.11170	19.541	0.23508	0.14731	129	-3.17	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	18.800	0.34000	19.541	0.23508	0.14731	129	-3.15	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	18.850	0.70000	19.541	0.23508	0.14731	129	-2.94	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	18.855	0.41000	19.541	0.23508	0.14731	129	-2.92	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	19.100	0.40000	19.541	0.23508	0.14731	129	-1.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	19.105	0.07000	19.541	0.23508	0.14731	129	-1.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	19.150	0.08000	19.541	0.23508	0.14731	129	-1.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2110	19.200	0.00000	19.541	0.23508	0.14731	129	-1.45	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	19.235	0.21000	19.541	0.23508	0.14731	129	-1.30	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	19.250	0.10000	19.541	0.23508	0.14731	129	-1.24	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	19.260	0.02000	19.541	0.23508	0.14731	129	-1.20	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	19.270	0.24000	19.541	0.23508	0.14731	129	-1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	19.275	0.15000	19.541	0.23508	0.14731	129	-1.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	19.280	0.00000	19.541	0.23508	0.14731	129	-1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	19.295	0.27700	19.541	0.23508	0.14731	129	-1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	19.305	0.21000	19.541	0.23508	0.14731	129	-1.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	19.305	0.05000	19.541	0.23508	0.14731	129	-1.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	19.305	0.17000	19.541	0.23508	0.14731	129	-1.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	19.320	0.02000	19.541	0.23508	0.14731	129	-0.94	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	19.330	0.32000	19.541	0.23508	0.14731	129	-0.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	19.340	0.02000	19.541	0.23508	0.14731	129	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	19.340	0.10000	19.541	0.23508	0.14731	129	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	19.345	0.07000	19.541	0.23508	0.14731	129	-0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	19.350	0.10000	19.541	0.23508	0.14731	129	-0.81	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	19.350	0.10000	19.541	0.23508	0.14731	129	-0.81	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0039	19.353	0.05900	19.541	0.23508	0.14731	129	-0.80	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, Combustion Nitrogen Analyzer (%)	0123	19.355	0.05000	19.541	0.23508	0.14731	129	-0.79	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	19.365	0.01000	19.541	0.23508	0.14731	129	-0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	19.365	0.27000	19.541	0.23508	0.14731	129	-0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	19.368	0.25380	19.541	0.23508	0.14731	129	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	19.370	0.12000	19.541	0.23508	0.14731	129	-0.73	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	19.375	0.07000	19.541	0.23508	0.14731	129	-0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	19.396	0.16100	19.541	0.23508	0.14731	129	-0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	19.400	0.28000	19.541	0.23508	0.14731	129	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	19.400	0.00000	19.541	0.23508	0.14731	129	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	19.400	0.20000	19.541	0.23508	0.14731	129	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	19.400	0.00000	19.541	0.23508	0.14731	129	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	19.415	0.01000	19.541	0.23508	0.14731	129	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	19.420	0.02000	19.541	0.23508	0.14731	129	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	19.425	0.05000	19.541	0.23508	0.14731	129	-0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	19.435	0.07000	19.541	0.23508	0.14731	129	-0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	19.440	0.00100	19.541	0.23508	0.14731	129	-0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	19.440	0.02000	19.541	0.23508	0.14731	129	-0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	19.440	0.18000	19.541	0.23508	0.14731	129	-0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	19.452	0.02200	19.541	0.23508	0.14731	129	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2095	19.465	0.17000	19.541	0.23508	0.14731	129	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	19.470	0.08000	19.541	0.23508	0.14731	129	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	19.475	0.13000	19.541	0.23508	0.14731	129	-0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	19.485	0.59000	19.541	0.23508	0.14731	129	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	19.495	0.03000	19.541	0.23508	0.14731	129	-0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	19.500	0.40000	19.541	0.23508	0.14731	129	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	19.500	0.00000	19.541	0.23508	0.14731	129	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	19.510	0.16000	19.541	0.23508	0.14731	129	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	19.517	0.04700	19.541	0.23508	0.14731	129	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	19.525	0.03000	19.541	0.23508	0.14731	129	-0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	19.525	0.07000	19.541	0.23508	0.14731	129	-0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	19.535	0.03000	19.541	0.23508	0.14731	129	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0563	19.543	0.04100	19.541	0.23508	0.14731	129	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	19.544	0.03900	19.541	0.23508	0.14731	129	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	19.545	0.37000	19.541	0.23508	0.14731	129	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	19.550	0.06000	19.541	0.23508	0.14731	129	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	19.550	0.10000	19.541	0.23508	0.14731	129	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	19.550	0.10000	19.541	0.23508	0.14731	129	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	19.550	0.10000	19.541	0.23508	0.14731	129	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	19.555	0.33000	19.541	0.23508	0.14731	129	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	19.555	0.01000	19.541	0.23508	0.14731	129	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	19.570	0.24400	19.541	0.23508	0.14731	129	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	
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	19.575	0.07000	19.541	0.23508	0.14731	129	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	19.580	0.34000	19.541	0.23508	0.14731	129	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	19.580	0.20000	19.541	0.23508	0.14731	129	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	19.580	0.12000	19.541	0.23508	0.14731	129	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	19.590	0.02000	19.541	0.23508	0.14731	129	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	19.595	0.05000	19.541	0.23508	0.14731	129	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	19.600	0.40000	19.541	0.23508	0.14731	129	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	19.605	0.01000	19.541	0.23508	0.14731	129	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	19.609	0.11100	19.541	0.23508	0.14731	129	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	19.615	0.03000	19.541	0.23508	0.14731	129	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	19.630	0.02000	19.541	0.23508	0.14731	129	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	19.635	0.23000	19.541	0.23508	0.14731	129	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	19.635	0.03000	19.541	0.23508	0.14731	129	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	19.644	0.08100	19.541	0.23508	0.14731	129	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	19.650	0.30000	19.541	0.23508	0.14731	129	0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	19.650	0.10000	19.541	0.23508	0.14731	129	0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	19.650	0.10000	19.541	0.23508	0.14731	129	0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	19.650	0.30000	19.541	0.23508	0.14731	129	0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	19.650	0.08000	19.541	0.23508	0.14731	129	0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	19.655	0.03000	19.541	0.23508	0.14731	129	0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	19.660	0.32000	19.541	0.23508	0.14731	129	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	19.660	0.02000	19.541	0.23508	0.14731	129	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	19.690	0.20000	19.541	0.23508	0.14731	129	0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	19.695	0.07000	19.541	0.23508	0.14731	129	0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	19.695	0.10940	19.541	0.23508	0.14731	129	0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	19.700	0.00000	19.541	0.23508	0.14731	129	0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	19.700	0.00000	19.541	0.23508	0.14731	129	0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	19.700	0.44000	19.541	0.23508	0.14731	129	0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	19.701	0.42400	19.541	0.23508	0.14731	129	0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	19.714	0.09200	19.541	0.23508	0.14731	129	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	19.720	0.16000	19.541	0.23508	0.14731	129	0.76	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	19.730	0.44000	19.541	0.23508	0.14731	129	0.80	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	19.735	0.23000	19.541	0.23508	0.14731	129	0.83	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2057	19.739	0.16500	19.541	0.23508	0.14731	129	0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	19.750	0.10000	19.541	0.23508	0.14731	129	0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	19.750	0.10000	19.541	0.23508	0.14731	129	0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	19.755	0.05000	19.541	0.23508	0.14731	129	0.91	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	19.755	0.45000	19.541	0.23508	0.14731	129	0.91	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	19.765	0.05000	19.541	0.23508	0.14731	129	0.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	19.775	0.17000	19.541	0.23508	0.14731	129	1.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	19.781	0.64400	19.541	0.23508	0.14731	129	1.02	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	19.785	0.25000	19.541	0.23508	0.14731	129	1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	19.790	0.00000	19.541	0.23508	0.14731	129	1.06	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	19.800	0.16000	19.541	0.23508	0.14731	129	1.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	19.805	0.35000	19.541	0.23508	0.14731	129	1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	19.820	0.00000	19.541	0.23508	0.14731	129	1.19	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0013	19.825	0.27000	19.541	0.23508	0.14731	129	1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	19.850	0.10000	19.541	0.23508	0.14731	129	1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	19.875	0.07000	19.541	0.23508	0.14731	129	1.42	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	19.890	0.08000	19.541	0.23508	0.14731	129	1.48	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	19.905	0.09000	19.541	0.23508	0.14731	129	1.55	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	19.925	0.05000	19.541	0.23508	0.14731	129	1.63	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	19.935	0.33000	19.541	0.23508	0.14731	129	1.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	19.975	0.35000	19.541	0.23508	0.14731	129	1.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	20.000	0.00000	19.541	0.23508	0.14731	129	1.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	20.045	0.11000	19.541	0.23508	0.14731	129	2.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	20.050	0.10000	19.541	0.23508	0.14731	129	2.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	20.265	0.05000	19.541	0.23508	0.14731	129	3.08	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2150	20.290	0.28000	19.541	0.23508	0.14731	129	3.19	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	18.390	0.84000	19.541	0.23508	0.14731	129	-4.90	3%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	18.775	1.1010	19.541	0.23508	0.14731	129	-3.26	2%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	12.625	0.11000	19.541	0.23508	0.14731	129	-29.42	18%	2
002.08	Protein, Cu/Ti (%)	0563	18.819	0.24950				3			0
002.08	Protein, Cu/Ti (%)	0098	19.330	0.02000				3			0
002.08	Protein, Cu/Ti (%)	0208	19.400	0.20000				3			0
002.10	Protein, Block dig/distillation (%)	0629	19.530	0.02000				1			0
002.11	Protein, NIR (%)	0852	18.115	0.05000	20.119	1.3485	0.12857	7	-1.49	5%	0
002.11	Protein, NIR (%)	0553	19.540	0.36000	20.119	1.3485	0.12857	7	-0.43	1%	0
002.11	Protein, NIR (%)	0889	19.750	0.06000	20.119	1.3485	0.12857	7	-0.27	1%	0
002.11	Protein, NIR (%)	0613	19.805	0.07000	20.119	1.3485	0.12857	7	-0.23	1%	0
002.11	Protein, NIR (%)	2121	20.755	0.15000	20.119	1.3485	0.12857	7	0.47	2%	0
002.11	Protein, NIR (%)	0297	21.285	0.05000	20.119	1.3485	0.12857	7	0.86	3%	0
002.11	Protein, NIR (%)	2120	21.580	0.16000	20.119	1.3485	0.12857	7	1.08	4%	0
002.99	Protein, Miscellaneous (%)	2105	18.865	0.11000	19.668	0.73879	0.12425	4	-1.09	2%	0
002.99	Protein, Miscellaneous (%)	2004	19.500	0.00000	19.668	0.73879	0.12425	4	-0.23	0%	0
002.99	Protein, Miscellaneous (%)	0644	19.659	0.22700	19.668	0.73879	0.12425	4	-0.01	0%	0
002.99	Protein, Miscellaneous (%)	0643	20.650	0.16000	19.668	0.73879	0.12425	4	1.33	2%	0
003.00	Fat, Eth Ext., Direct (%)	0142	3.9250	0.13000	4.3000	0.25817	0.11758	14	-1.45	4%	0
003.00	Fat, Eth Ext., Direct (%)	2109	3.9800	0.08000	4.3000	0.25817	0.11758	14	-1.24	4%	0
003.00	Fat, Eth Ext., Direct (%)	0885	4.0550	0.02210	4.3000	0.25817	0.11758	14	-0.95	3%	0
003.00	Fat, Eth Ext., Direct (%)	0345	4.1250	0.05000	4.3000	0.25817	0.11758	14	-0.68	2%	0
003.00	Fat, Eth Ext., Direct (%)	0939	4.1600	0.00000	4.3000	0.25817	0.11758	14	-0.54	2%	0

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003.00	Fat, Eth Ext., Direct (%)	0026	4.2450	0.01000	4.3000	0.25817	0.11758	14	-0.21	1%	0
003.00	Fat, Eth Ext., Direct (%)	0653	4.2800	0.02000	4.3000	0.25817	0.11758	14	-0.08	0%	0
003.00	Fat, Eth Ext., Direct (%)	0354	4.3600	0.06000	4.3000	0.25817	0.11758	14	0.23	1%	0
003.00	Fat, Eth Ext., Direct (%)	2053	4.4150	0.11000	4.3000	0.25817	0.11758	14	0.45	1%	0
003.00	Fat, Eth Ext., Direct (%)	0175	4.4500	0.06000	4.3000	0.25817	0.11758	14	0.58	2%	0
003.00	Fat, Eth Ext., Direct (%)	0615	4.4600	0.40000	4.3000	0.25817	0.11758	14	0.62	2%	0
003.00	Fat, Eth Ext., Direct (%)	0035	4.5250	0.03000	4.3000	0.25817	0.11758	14	0.87	3%	0
003.00	Fat, Eth Ext., Direct (%)	2106	4.5400	0.44000	4.3000	0.25817	0.11758	14	0.93	3%	0
003.00	Fat, Eth Ext., Direct (%)	0309	4.6794	0.23400	4.3000	0.25817	0.11758	14	1.47	4%	0
003.06	Fat, Pet Ether (%)	0689	3.6500	0.50000	4.1442	0.14036	0.11173	19	-3.52	6%	0
003.06	Fat, Pet Ether (%)	0884	3.9500	0.30000	4.1442	0.14036	0.11173	19	-1.38	2%	0
003.06	Fat, Pet Ether (%)	0294	4.0250	0.01000	4.1442	0.14036	0.11173	19	-0.85	1%	0
003.06	Fat, Pet Ether (%)	0297	4.0450	0.01000	4.1442	0.14036	0.11173	19	-0.71	1%	0
003.06	Fat, Pet Ether (%)	0164	4.0950	0.03000	4.1442	0.14036	0.11173	19	-0.35	1%	0
003.06	Fat, Pet Ether (%)	0425	4.0950	0.05000	4.1442	0.14036	0.11173	19	-0.35	1%	0
003.06	Fat, Pet Ether (%)	0682	4.1000	0.00000	4.1442	0.14036	0.11173	19	-0.31	1%	0
003.06	Fat, Pet Ether (%)	0552	4.1100	0.02000	4.1442	0.14036	0.11173	19	-0.24	0%	0
003.06	Fat, Pet Ether (%)	0300	4.1145	0.14480	4.1442	0.14036	0.11173	19	-0.21	0%	0
003.06	Fat, Pet Ether (%)	0918	4.1250	0.11000	4.1442	0.14036	0.11173	19	-0.14	0%	0
003.06	Fat, Pet Ether (%)	0687	4.1300	0.14000	4.1442	0.14036	0.11173	19	-0.10	0%	0
003.06	Fat, Pet Ether (%)	0849	4.1415	0.02300	4.1442	0.14036	0.11173	19	-0.02	0%	0
003.06	Fat, Pet Ether (%)	0229	4.1500	0.02000	4.1442	0.14036	0.11173	19	0.04	0%	0
003.06	Fat, Pet Ether (%)	0511	4.1500	0.02000	4.1442	0.14036	0.11173	19	0.04	0%	0
003.06	Fat, Pet Ether (%)	0910	4.2100	0.06000	4.1442	0.14036	0.11173	19	0.47	1%	0
003.06	Fat, Pet Ether (%)	0148	4.3250	0.13000	4.1442	0.14036	0.11173	19	1.29	2%	0
003.06	Fat, Pet Ether (%)	0083	4.3300	0.08000	4.1442	0.14036	0.11173	19	1.32	2%	0
003.06	Fat, Pet Ether (%)	0563	4.3851	0.09510	4.1442	0.14036	0.11173	19	1.72	3%	0
003.06	Fat, Pet Ether (%)	0852	4.6100	0.38000	4.1442	0.14036	0.11173	19	3.32	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	3.6800	0.08000	4.2899	0.21340	0.10962	21	-2.86	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	4.0200	0.06000	4.2899	0.21340	0.10962	21	-1.26	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0013	4.0750	0.27000	4.2899	0.21340	0.10962	21	-1.01	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	4.1500	0.28000	4.2899	0.21340	0.10962	21	-0.66	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	4.1685	0.01100	4.2899	0.21340	0.10962	21	-0.57	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	4.1750	0.45000	4.2899	0.21340	0.10962	21	-0.54	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	4.1800	0.04000	4.2899	0.21340	0.10962	21	-0.51	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	4.1834	0.01330	4.2899	0.21340	0.10962	21	-0.50	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	4.1950	0.23000	4.2899	0.21340	0.10962	21	-0.44	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	4.2250	0.05000	4.2899	0.21340	0.10962	21	-0.30	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	4.2350	0.03000	4.2899	0.21340	0.10962	21	-0.26	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	4.3000	0.00000	4.2899	0.21340	0.10962	21	0.05	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	4.3150	0.03000	4.2899	0.21340	0.10962	21	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	
003.09	Fat, Soxtec, Eth Ext (%)	0508	4.3371	0.00170	4.2899	0.21340	0.10962	21	0.22	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	4.3600	0.06000	4.2899	0.21340	0.10962	21	0.33	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	4.4000	0.02000	4.2899	0.21340	0.10962	21	0.52	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	4.4850	0.05000	4.2899	0.21340	0.10962	21	0.91	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	4.5000	0.00000	4.2899	0.21340	0.10962	21	0.98	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0964	4.5940	0.31600	4.2899	0.21340	0.10962	21	1.43	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	4.6600	0.00000	4.2899	0.21340	0.10962	21	1.73	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	4.9450	0.31000	4.2899	0.21340	0.10962	21	3.07	8%	0
003.10	Fat, Soxtec, Pet Ether (%)	2068	3.5950	0.01000	3.9733	0.15340	0.09154	25	-2.47	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	3.7500	0.30000	3.9733	0.15340	0.09154	25	-1.46	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	3.7900	0.14000	3.9733	0.15340	0.09154	25	-1.19	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	3.8050	0.21000	3.9733	0.15340	0.09154	25	-1.10	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	3.8550	0.03000	3.9733	0.15340	0.09154	25	-0.77	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	3.9000	0.14000	3.9733	0.15340	0.09154	25	-0.48	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	3.9150	0.03000	3.9733	0.15340	0.09154	25	-0.38	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	3.9200	0.02000	3.9733	0.15340	0.09154	25	-0.35	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	3.9250	0.05000	3.9733	0.15340	0.09154	25	-0.31	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	3.9305	0.02700	3.9733	0.15340	0.09154	25	-0.28	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	3.9307	0.11720	3.9733	0.15340	0.09154	25	-0.28	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	3.9450	0.05000	3.9733	0.15340	0.09154	25	-0.18	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0881	3.9605	0.12700	3.9733	0.15340	0.09154	25	-0.08	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	3.9650	0.03000	3.9733	0.15340	0.09154	25	-0.05	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	3.9700	0.02000	3.9733	0.15340	0.09154	25	-0.02	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	3.9700	0.00000	3.9733	0.15340	0.09154	25	-0.02	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	4.0150	0.07000	3.9733	0.15340	0.09154	25	0.27	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0897	4.0150	0.03000	3.9733	0.15340	0.09154	25	0.27	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	4.0550	0.01000	3.9733	0.15340	0.09154	25	0.53	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	4.0700	0.04000	3.9733	0.15340	0.09154	25	0.63	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	4.1018	0.09940	3.9733	0.15340	0.09154	25	0.84	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	4.1900	0.14000	3.9733	0.15340	0.09154	25	1.41	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	4.2400	0.06000	3.9733	0.15340	0.09154	25	1.74	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	4.2740	0.27200	3.9733	0.15340	0.09154	25	1.96	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	4.2995	0.26590	3.9733	0.15340	0.09154	25	2.13	4%	0
003.11	Fat, NIR (%)	2120	3.2100	0.08000	4.1542	0.62741	0.05625	8	-1.50	11%	0
003.11	Fat, NIR (%)	2121	3.6600	0.12000	4.1542	0.62741	0.05625	8	-0.79	6%	0
003.11	Fat, NIR (%)	0613	4.0700	0.00000	4.1542	0.62741	0.05625	8	-0.13	1%	0
003.11	Fat, NIR (%)	0553	4.1200	0.12000	4.1542	0.62741	0.05625	8	-0.05	0%	0
003.11	Fat, NIR (%)	0852	4.2600	0.04000	4.1542	0.62741	0.05625	8	0.17	1%	0
003.11	Fat, NIR (%)	0889	4.3100	0.06000	4.1542	0.62741	0.05625	8	0.25	2%	0
003.11	Fat, NIR (%)	0297	4.5050	0.03000	4.1542	0.62741	0.05625	8	0.56	4%	0
003.11	Fat, NIR (%)	2135	5.4000	0.00000	4.1542	0.62741	0.05625	8	1.99	15%	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	
003.12	Fat, Hexane Ext (%)	0940	3.7950	0.25000	4.0451	0.18851	0.10598	4	-1.33	3%	0
003.12	Fat, Hexane Ext (%)	0028	4.0250	0.03000	4.0451	0.18851	0.10598	4	-0.11	0%	0
003.12	Fat, Hexane Ext (%)	2062	4.1204	0.06390	4.0451	0.18851	0.10598	4	0.40	1%	0
003.12	Fat, Hexane Ext (%)	0171	4.2400	0.08000	4.0451	0.18851	0.10598	4	1.03	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	3.8000	0.24000	4.1061	0.19643	0.07516	8	-1.56	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	3.9250	0.09000	4.1061	0.19643	0.07516	8	-0.92	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	4.0900	0.04000	4.1061	0.19643	0.07516	8	-0.08	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0039	4.0990	0.07630	4.1061	0.19643	0.07516	8	-0.04	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	4.1735	0.01500	4.1061	0.19643	0.07516	8	0.34	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	4.1850	0.01000	4.1061	0.19643	0.07516	8	0.40	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	4.1900	0.10000	4.1061	0.19643	0.07516	8	0.43	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	4.3750	0.03000	4.1061	0.19643	0.07516	8	1.37	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	4.3250	0.55000	4.1061	0.19643	0.07516	8	1.11	3%	1
003.14	Fat, Ankom (%)	0843	3.5050	0.45000	4.0348	0.25878	0.10761	40	-2.05	7%	0
003.14	Fat, Ankom (%)	0574	3.6400	0.04000	4.0348	0.25878	0.10761	40	-1.53	5%	0
003.14	Fat, Ankom (%)	0529	3.6450	0.03000	4.0348	0.25878	0.10761	40	-1.51	5%	0
003.14	Fat, Ankom (%)	0619	3.6800	0.12000	4.0348	0.25878	0.10761	40	-1.37	4%	0
003.14	Fat, Ankom (%)	0175	3.7000	0.04000	4.0348	0.25878	0.10761	40	-1.29	4%	0
003.14	Fat, Ankom (%)	0598	3.7000	0.36000	4.0348	0.25878	0.10761	40	-1.29	4%	0
003.14	Fat, Ankom (%)	2075	3.7100	0.24000	4.0348	0.25878	0.10761	40	-1.25	4%	0
003.14	Fat, Ankom (%)	0144	3.8100	0.14000	4.0348	0.25878	0.10761	40	-0.87	3%	0
003.14	Fat, Ankom (%)	0912	3.8300	0.10000	4.0348	0.25878	0.10761	40	-0.79	3%	0
003.14	Fat, Ankom (%)	0956	3.9000	0.00000	4.0348	0.25878	0.10761	40	-0.52	2%	0
003.14	Fat, Ankom (%)	2129	3.9300	0.24000	4.0348	0.25878	0.10761	40	-0.40	1%	0
003.14	Fat, Ankom (%)	0037	3.9300	0.08000	4.0348	0.25878	0.10761	40	-0.40	1%	0
003.14	Fat, Ankom (%)	0968	3.9385	0.05100	4.0348	0.25878	0.10761	40	-0.37	1%	0
003.14	Fat, Ankom (%)	0108	3.9500	0.24000	4.0348	0.25878	0.10761	40	-0.33	1%	0
003.14	Fat, Ankom (%)	0049	3.9600	0.06000	4.0348	0.25878	0.10761	40	-0.29	1%	0
003.14	Fat, Ankom (%)	0358	3.9850	0.07000	4.0348	0.25878	0.10761	40	-0.19	1%	0
003.14	Fat, Ankom (%)	0265	3.9900	0.02000	4.0348	0.25878	0.10761	40	-0.17	1%	0
003.14	Fat, Ankom (%)	0034	4.0050	0.19000	4.0348	0.25878	0.10761	40	-0.12	0%	0
003.14	Fat, Ankom (%)	0683	4.0150	0.03000	4.0348	0.25878	0.10761	40	-0.08	0%	0
003.14	Fat, Ankom (%)	0848	4.0250	0.07000	4.0348	0.25878	0.10761	40	-0.04	0%	0
003.14	Fat, Ankom (%)	0001	4.0430	0.01600	4.0348	0.25878	0.10761	40	0.03	0%	0
003.14	Fat, Ankom (%)	0229	4.0750	0.03000	4.0348	0.25878	0.10761	40	0.16	0%	0
003.14	Fat, Ankom (%)	0202	4.0750	0.09000	4.0348	0.25878	0.10761	40	0.16	0%	0
003.14	Fat, Ankom (%)	0357	4.1000	0.00000	4.0348	0.25878	0.10761	40	0.25	1%	0
003.14	Fat, Ankom (%)	0692	4.1000	0.40000	4.0348	0.25878	0.10761	40	0.25	1%	0
003.14	Fat, Ankom (%)	0407	4.1355	0.08730	4.0348	0.25878	0.10761	40	0.39	1%	0
003.14	Fat, Ankom (%)	0278	4.1500	0.10000	4.0348	0.25878	0.10761	40	0.45	1%	0
003.14	Fat, Ankom (%)	0004	4.1650	0.15000	4.0348	0.25878	0.10761	40	0.50	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Ankom (%)	0089	4.1800	0.00000	4.0348	0.25878	0.10761	40	0.56	2%	0
003.14	Fat, Ankom (%)	0948	4.1950	0.07000	4.0348	0.25878	0.10761	40	0.62	2%	0
003.14	Fat, Ankom (%)	0013	4.2050	0.01000	4.0348	0.25878	0.10761	40	0.66	2%	0
003.14	Fat, Ankom (%)	0581	4.2350	0.05000	4.0348	0.25878	0.10761	40	0.77	2%	0
003.14	Fat, Ankom (%)	0955	4.2450	0.03000	4.0348	0.25878	0.10761	40	0.81	3%	0
003.14	Fat, Ankom (%)	0009	4.2700	0.16000	4.0348	0.25878	0.10761	40	0.91	3%	0
003.14	Fat, Ankom (%)	0876	4.2750	0.01000	4.0348	0.25878	0.10761	40	0.93	3%	0
003.14	Fat, Ankom (%)	0613	4.2900	0.18000	4.0348	0.25878	0.10761	40	0.99	3%	0
003.14	Fat, Ankom (%)	0015	4.3850	0.09000	4.0348	0.25878	0.10761	40	1.35	4%	0
003.14	Fat, Ankom (%)	0726	4.5050	0.09000	4.0348	0.25878	0.10761	40	1.82	6%	0
003.14	Fat, Ankom (%)	0413	4.5500	0.10000	4.0348	0.25878	0.10761	40	1.99	6%	0
003.14	Fat, Ankom (%)	0190	4.5550	0.07000	4.0348	0.25878	0.10761	40	2.01	6%	0
003.99	Fat, Miscellaneous (%)	0880	1.6000	0.20000	3.6588	1.4340	0.11250	4	-1.44	28%	0
003.99	Fat, Miscellaneous (%)	0644	4.0050	0.07000	3.6588	1.4340	0.11250	4	0.24	5%	0
003.99	Fat, Miscellaneous (%)	0047	4.1000	0.00000	3.6588	1.4340	0.11250	4	0.31	6%	0
003.99	Fat, Miscellaneous (%)	1019	4.9300	0.18000	3.6588	1.4340	0.11250	4	0.89	17%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	5.0950	0.09000	5.7180	0.43462	0.12292	16	-1.43	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	5.1950	0.13000	5.7180	0.43462	0.12292	16	-1.20	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	5.2500	0.10000	5.7180	0.43462	0.12292	16	-1.08	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	5.3650	0.13000	5.7180	0.43462	0.12292	16	-0.81	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	5.5000	0.20000	5.7180	0.43462	0.12292	16	-0.50	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	5.5900	0.06000	5.7180	0.43462	0.12292	16	-0.29	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	5.6500	0.26000	5.7180	0.43462	0.12292	16	-0.16	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	5.6700	0.08000	5.7180	0.43462	0.12292	16	-0.11	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	5.7000	0.00000	5.7180	0.43462	0.12292	16	-0.04	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	5.8800	0.02000	5.7180	0.43462	0.12292	16	0.37	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	5.9225	0.01670	5.7180	0.43462	0.12292	16	0.47	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	5.9300	0.02000	5.7180	0.43462	0.12292	16	0.49	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	5.9500	0.14000	5.7180	0.43462	0.12292	16	0.53	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	6.0500	0.10000	5.7180	0.43462	0.12292	16	0.76	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	6.5000	0.20000	5.7180	0.43462	0.12292	16	1.80	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	6.9700	0.42000	5.7180	0.43462	0.12292	16	2.88	11%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	2.5400	1.3400	5.7180	0.43462	0.12292	16	-7.31	28%	1
004.01	Fiber, Sing Filt (%)	0366	6.1000	0.00000				1			0
004.03	Fiber, Fritted Glass (%)	2089	3.9000	0.52000	5.7367	1.2764	0.29333	6	-1.44	16%	0
004.03	Fiber, Fritted Glass (%)	0921	5.0650	0.23000	5.7367	1.2764	0.29333	6	-0.53	6%	0
004.03	Fiber, Fritted Glass (%)	0353	5.6600	0.08000	5.7367	1.2764	0.29333	6	-0.06	1%	0
004.03	Fiber, Fritted Glass (%)	0626	6.2050	0.27000	5.7367	1.2764	0.29333	6	0.37	4%	0
004.03	Fiber, Fritted Glass (%)	0045	6.6450	0.23000	5.7367	1.2764	0.29333	6	0.71	8%	0
004.03	Fiber, Fritted Glass (%)	0693	6.9450	0.43000	5.7367	1.2764	0.29333	6	0.95	11%	0
004.06	Fiber, Fibertec (%)	0948	5.4800	0.20000	5.9106	0.31602	0.16576	20	-1.36	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0590	5.5250	0.01000	5.9106	0.31602	0.16576	20	-1.22	3%	0
004.06	Fiber, Fibertec (%)	2068	5.6300	0.06000	5.9106	0.31602	0.16576	20	-0.89	2%	0
004.06	Fiber, Fibertec (%)	0918	5.6400	0.12000	5.9106	0.31602	0.16576	20	-0.86	2%	0
004.06	Fiber, Fibertec (%)	0897	5.6450	0.01000	5.9106	0.31602	0.16576	20	-0.84	2%	0
004.06	Fiber, Fibertec (%)	0098	5.6750	0.37000	5.9106	0.31602	0.16576	20	-0.75	2%	0
004.06	Fiber, Fibertec (%)	0205	5.7350	0.05000	5.9106	0.31602	0.16576	20	-0.56	1%	0
004.06	Fiber, Fibertec (%)	0027	5.8540	0.02000	5.9106	0.31602	0.16576	20	-0.18	0%	0
004.06	Fiber, Fibertec (%)	0881	5.8705	0.24100	5.9106	0.31602	0.16576	20	-0.13	0%	0
004.06	Fiber, Fibertec (%)	0941	5.8900	0.28000	5.9106	0.31602	0.16576	20	-0.07	0%	0
004.06	Fiber, Fibertec (%)	0885	5.9274	0.12930	5.9106	0.31602	0.16576	20	0.05	0%	0
004.06	Fiber, Fibertec (%)	0674	5.9300	0.00000	5.9106	0.31602	0.16576	20	0.06	0%	0
004.06	Fiber, Fibertec (%)	0968	5.9345	0.04500	5.9106	0.31602	0.16576	20	0.08	0%	0
004.06	Fiber, Fibertec (%)	2062	6.0063	0.02990	5.9106	0.31602	0.16576	20	0.30	1%	0
004.06	Fiber, Fibertec (%)	0964	6.0250	0.21000	5.9106	0.31602	0.16576	20	0.36	1%	0
004.06	Fiber, Fibertec (%)	0868	6.0450	0.03000	5.9106	0.31602	0.16576	20	0.43	1%	0
004.06	Fiber, Fibertec (%)	2006	6.2450	0.01000	5.9106	0.31602	0.16576	20	1.06	3%	0
004.06	Fiber, Fibertec (%)	0728	6.5050	0.49000	5.9106	0.31602	0.16576	20	1.88	5%	0
004.06	Fiber, Fibertec (%)	0689	6.5500	0.30000	5.9106	0.31602	0.16576	20	2.02	5%	0
004.06	Fiber, Fibertec (%)	0675	7.5850	0.71000	5.9106	0.31602	0.16576	20	5.30	14%	0
004.07	Fiber, ANKOM (%)	2012	4.3050	0.33000	5.6537	0.43616	0.17609	57	-3.09	12%	0
004.07	Fiber, ANKOM (%)	0619	4.9300	0.18000	5.6537	0.43616	0.17609	57	-1.66	6%	0
004.07	Fiber, ANKOM (%)	0013	4.9900	0.02000	5.6537	0.43616	0.17609	57	-1.52	6%	0
004.07	Fiber, ANKOM (%)	0035	5.0100	0.10000	5.6537	0.43616	0.17609	57	-1.48	6%	0
004.07	Fiber, ANKOM (%)	0265	5.0250	0.13000	5.6537	0.43616	0.17609	57	-1.44	6%	0
004.07	Fiber, ANKOM (%)	0297	5.0850	0.15000	5.6537	0.43616	0.17609	57	-1.30	5%	0
004.07	Fiber, ANKOM (%)	0726	5.1600	0.00000	5.6537	0.43616	0.17609	57	-1.13	4%	0
004.07	Fiber, ANKOM (%)	0563	5.2195	0.05790	5.6537	0.43616	0.17609	57	-1.00	4%	0
004.07	Fiber, ANKOM (%)	0026	5.2500	0.10000	5.6537	0.43616	0.17609	57	-0.93	4%	0
004.07	Fiber, ANKOM (%)	0100	5.2600	0.40000	5.6537	0.43616	0.17609	57	-0.90	3%	0
004.07	Fiber, ANKOM (%)	0861	5.2600	0.20000	5.6537	0.43616	0.17609	57	-0.90	3%	0
004.07	Fiber, ANKOM (%)	0910	5.3000	0.20000	5.6537	0.43616	0.17609	57	-0.81	3%	0
004.07	Fiber, ANKOM (%)	0413	5.3500	0.10000	5.6537	0.43616	0.17609	57	-0.70	3%	0
004.07	Fiber, ANKOM (%)	0529	5.3650	0.05000	5.6537	0.43616	0.17609	57	-0.66	3%	0
004.07	Fiber, ANKOM (%)	0682	5.4000	0.00000	5.6537	0.43616	0.17609	57	-0.58	2%	0
004.07	Fiber, ANKOM (%)	0354	5.4350	0.31000	5.6537	0.43616	0.17609	57	-0.50	2%	0
004.07	Fiber, ANKOM (%)	0003	5.4550	0.07000	5.6537	0.43616	0.17609	57	-0.46	2%	0
004.07	Fiber, ANKOM (%)	0229	5.4650	0.13000	5.6537	0.43616	0.17609	57	-0.43	2%	0
004.07	Fiber, ANKOM (%)	0190	5.5000	0.20000	5.6537	0.43616	0.17609	57	-0.35	1%	0
004.07	Fiber, ANKOM (%)	0505	5.5050	0.03000	5.6537	0.43616	0.17609	57	-0.34	1%	0
004.07	Fiber, ANKOM (%)	0144	5.5100	0.42000	5.6537	0.43616	0.17609	57	-0.33	1%	0
004.07	Fiber, ANKOM (%)	0708	5.5200	0.10000	5.6537	0.43616	0.17609	57	-0.31	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0948	5.5250	0.01000	5.6537	0.43616	0.17609	57	-0.30	1%	0
004.07	Fiber, ANKOM (%)	0849	5.5800	0.02000	5.6537	0.43616	0.17609	57	-0.17	1%	0
004.07	Fiber, ANKOM (%)	0028	5.6000	0.00000	5.6537	0.43616	0.17609	57	-0.12	0%	0
004.07	Fiber, ANKOM (%)	2009	5.6037	0.06540	5.6537	0.43616	0.17609	57	-0.11	0%	0
004.07	Fiber, ANKOM (%)	2109	5.6050	0.29000	5.6537	0.43616	0.17609	57	-0.11	0%	0
004.07	Fiber, ANKOM (%)	0033	5.6100	0.18000	5.6537	0.43616	0.17609	57	-0.10	0%	0
004.07	Fiber, ANKOM (%)	0098	5.6200	0.12000	5.6537	0.43616	0.17609	57	-0.08	0%	0
004.07	Fiber, ANKOM (%)	0278	5.6500	0.10000	5.6537	0.43616	0.17609	57	-0.01	0%	0
004.07	Fiber, ANKOM (%)	0510	5.6500	0.10000	5.6537	0.43616	0.17609	57	-0.01	0%	0
004.07	Fiber, ANKOM (%)	0263	5.6566	0.00000	5.6537	0.43616	0.17609	57	0.01	0%	0
004.07	Fiber, ANKOM (%)	0009	5.6600	0.12000	5.6537	0.43616	0.17609	57	0.01	0%	0
004.07	Fiber, ANKOM (%)	2053	5.6850	0.07000	5.6537	0.43616	0.17609	57	0.07	0%	0
004.07	Fiber, ANKOM (%)	0552	5.7000	0.50000	5.6537	0.43616	0.17609	57	0.11	0%	0
004.07	Fiber, ANKOM (%)	0123	5.7050	0.15000	5.6537	0.43616	0.17609	57	0.12	0%	0
004.07	Fiber, ANKOM (%)	0683	5.7200	0.20000	5.6537	0.43616	0.17609	57	0.15	1%	0
004.07	Fiber, ANKOM (%)	0956	5.8000	0.20000	5.6537	0.43616	0.17609	57	0.34	1%	0
004.07	Fiber, ANKOM (%)	0004	5.8050	0.47000	5.6537	0.43616	0.17609	57	0.35	1%	0
004.07	Fiber, ANKOM (%)	0083	5.8450	0.09000	5.6537	0.43616	0.17609	57	0.44	2%	0
004.07	Fiber, ANKOM (%)	2075	5.8500	0.30000	5.6537	0.43616	0.17609	57	0.45	2%	0
004.07	Fiber, ANKOM (%)	0598	5.8850	0.25000	5.6537	0.43616	0.17609	57	0.53	2%	0
004.07	Fiber, ANKOM (%)	0968	5.9260	0.00800	5.6537	0.43616	0.17609	57	0.62	2%	0
004.07	Fiber, ANKOM (%)	0870	5.9728	0.16380	5.6537	0.43616	0.17609	57	0.73	3%	0
004.07	Fiber, ANKOM (%)	0646	6.0000	0.04000	5.6537	0.43616	0.17609	57	0.79	3%	0
004.07	Fiber, ANKOM (%)	0042	6.0100	0.34000	5.6537	0.43616	0.17609	57	0.82	3%	0
004.07	Fiber, ANKOM (%)	0034	6.0600	0.22000	5.6537	0.43616	0.17609	57	0.93	4%	0
004.07	Fiber, ANKOM (%)	0089	6.0850	0.03000	5.6537	0.43616	0.17609	57	0.99	4%	0
004.07	Fiber, ANKOM (%)	0581	6.1000	0.40000	5.6537	0.43616	0.17609	57	1.02	4%	0
004.07	Fiber, ANKOM (%)	0876	6.1800	0.04000	5.6537	0.43616	0.17609	57	1.21	5%	0
004.07	Fiber, ANKOM (%)	0692	6.2500	0.70000	5.6537	0.43616	0.17609	57	1.37	5%	0
004.07	Fiber, ANKOM (%)	0038	6.3500	0.28000	5.6537	0.43616	0.17609	57	1.60	6%	0
004.07	Fiber, ANKOM (%)	0294	6.3500	0.10000	5.6537	0.43616	0.17609	57	1.60	6%	0
004.07	Fiber, ANKOM (%)	0016	6.4300	0.70000	5.6537	0.43616	0.17609	57	1.78	7%	0
004.07	Fiber, ANKOM (%)	0407	7.1970	0.15230	5.6537	0.43616	0.17609	57	3.54	14%	0
004.07	Fiber, ANKOM (%)	0848	7.2250	0.23000	5.6537	0.43616	0.17609	57	3.60	14%	0
004.07	Fiber, ANKOM (%)	0242	8.3700	0.12000	5.6537	0.43616	0.17609	57	6.23	24%	0
004.07	Fiber, ANKOM (%)	0613	7.2400	0.98000	5.6537	0.43616	0.17609	57	3.64	14%	1
004.11	Fiber, NIR (%)	0553	4.6100	0.16000	5.4893	0.74836	0.10143	7	-1.17	8%	0
004.11	Fiber, NIR (%)	2135	4.8000	0.20000	5.4893	0.74836	0.10143	7	-0.92	6%	0
004.11	Fiber, NIR (%)	2121	5.3950	0.09000	5.4893	0.74836	0.10143	7	-0.13	1%	0
004.11	Fiber, NIR (%)	0852	5.5850	0.03000	5.4893	0.74836	0.10143	7	0.13	1%	0
004.11	Fiber, NIR (%)	2120	5.7100	0.10000	5.4893	0.74836	0.10143	7	0.29	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.11	Fiber, NIR (%)	0889	5.7200	0.10000	5.4893	0.74836	0.10143	7	0.31	2%	0
004.11	Fiber, NIR (%)	0613	6.6050	0.03000	5.4893	0.74836	0.10143	7	1.49	10%	0
004.99	Fiber, Miscellaneous (%)	2144	4.8050	0.05000	5.3955	0.47784	0.36483	6	-1.24	5%	0
004.99	Fiber, Miscellaneous (%)	2145	5.2500	0.06000	5.3955	0.47784	0.36483	6	-0.30	1%	0
004.99	Fiber, Miscellaneous (%)	0629	5.3500	0.10000	5.3955	0.47784	0.36483	6	-0.10	0%	0
004.99	Fiber, Miscellaneous (%)	0644	5.4205	0.04900	5.3955	0.47784	0.36483	6	0.05	0%	0
004.99	Fiber, Miscellaneous (%)	2146	5.4350	0.59000	5.3955	0.47784	0.36483	6	0.08	0%	0
004.99	Fiber, Miscellaneous (%)	0940	6.3700	1.3400	5.3955	0.47784	0.36483	6	2.04	9%	0
005.00	Ash, 2h @ 600°C (%)	2053	5.5200	0.04000	7.7954	0.28756	0.07973	92	-7.91	15%	0
005.00	Ash, 2h @ 600°C (%)	0144	7.1350	0.37000	7.7954	0.28756	0.07973	92	-2.30	4%	0
005.00	Ash, 2h @ 600°C (%)	0552	7.1850	0.03000	7.7954	0.28756	0.07973	92	-2.12	4%	0
005.00	Ash, 2h @ 600°C (%)	0278	7.2150	0.13000	7.7954	0.28756	0.07973	92	-2.02	4%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.2612	0.18530	7.7954	0.28756	0.07973	92	-1.86	3%	0
005.00	Ash, 2h @ 600°C (%)	0964	7.2805	0.09100	7.7954	0.28756	0.07973	92	-1.79	3%	0
005.00	Ash, 2h @ 600°C (%)	0169	7.3150	0.01000	7.7954	0.28756	0.07973	92	-1.67	3%	0
005.00	Ash, 2h @ 600°C (%)	0049	7.3650	0.07000	7.7954	0.28756	0.07973	92	-1.50	3%	0
005.00	Ash, 2h @ 600°C (%)	2073	7.3800	0.04000	7.7954	0.28756	0.07973	92	-1.44	3%	0
005.00	Ash, 2h @ 600°C (%)	0148	7.3900	0.06000	7.7954	0.28756	0.07973	92	-1.41	3%	0
005.00	Ash, 2h @ 600°C (%)	0175	7.3950	0.07000	7.7954	0.28756	0.07973	92	-1.39	3%	0
005.00	Ash, 2h @ 600°C (%)	0208	7.4200	0.10000	7.7954	0.28756	0.07973	92	-1.31	2%	0
005.00	Ash, 2h @ 600°C (%)	0650	7.4400	0.12000	7.7954	0.28756	0.07973	92	-1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	0541	7.4650	0.09000	7.7954	0.28756	0.07973	92	-1.15	2%	0
005.00	Ash, 2h @ 600°C (%)	0620	7.4837	0.01170	7.7954	0.28756	0.07973	92	-1.08	2%	0
005.00	Ash, 2h @ 600°C (%)	0042	7.4950	0.05000	7.7954	0.28756	0.07973	92	-1.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0511	7.5050	0.07000	7.7954	0.28756	0.07973	92	-1.01	2%	0
005.00	Ash, 2h @ 600°C (%)	2068	7.5200	0.04000	7.7954	0.28756	0.07973	92	-0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0598	7.5450	0.03000	7.7954	0.28756	0.07973	92	-0.87	2%	0
005.00	Ash, 2h @ 600°C (%)	0027	7.5545	0.00900	7.7954	0.28756	0.07973	92	-0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	0876	7.5550	0.01000	7.7954	0.28756	0.07973	92	-0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	7.5700	0.20000	7.7954	0.28756	0.07973	92	-0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	7.5850	0.05000	7.7954	0.28756	0.07973	92	-0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0015	7.5850	0.01000	7.7954	0.28756	0.07973	92	-0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0026	7.5900	0.02000	7.7954	0.28756	0.07973	92	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	7.6050	0.01000	7.7954	0.28756	0.07973	92	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0205	7.6355	0.01900	7.7954	0.28756	0.07973	92	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	7.6500	0.00000	7.7954	0.28756	0.07973	92	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	7.6500	0.10000	7.7954	0.28756	0.07973	92	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	7.6500	0.10000	7.7954	0.28756	0.07973	92	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	7.6600	0.22000	7.7954	0.28756	0.07973	92	-0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0881	7.6930	0.11400	7.7954	0.28756	0.07973	92	-0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	7.7250	0.07000	7.7954	0.28756	0.07973	92	-0.24	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0358	7.7350	0.05000	7.7954	0.28756	0.07973	92	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	7.7500	0.04000	7.7954	0.28756	0.07973	92	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	7.7550	0.01000	7.7954	0.28756	0.07973	92	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0874	7.7650	0.23000	7.7954	0.28756	0.07973	92	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	7.7676	0.39460	7.7954	0.28756	0.07973	92	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	7.7700	0.02000	7.7954	0.28756	0.07973	92	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0089	7.7900	0.02000	7.7954	0.28756	0.07973	92	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	7.7970	0.03430	7.7954	0.28756	0.07973	92	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	7.8100	0.02000	7.7954	0.28756	0.07973	92	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	7.8150	0.01000	7.7954	0.28756	0.07973	92	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	7.8200	0.12000	7.7954	0.28756	0.07973	92	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	7.8300	0.04000	7.7954	0.28756	0.07973	92	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	7.8370	0.09980	7.7954	0.28756	0.07973	92	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	7.8500	0.30000	7.7954	0.28756	0.07973	92	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	7.8500	0.08000	7.7954	0.28756	0.07973	92	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	7.8500	0.26000	7.7954	0.28756	0.07973	92	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	7.8550	0.05000	7.7954	0.28756	0.07973	92	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.8651	0.13010	7.7954	0.28756	0.07973	92	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	7.8700	0.00000	7.7954	0.28756	0.07973	92	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	7.8800	0.00000	7.7954	0.28756	0.07973	92	0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	7.8800	0.18000	7.7954	0.28756	0.07973	92	0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	7.8950	0.01000	7.7954	0.28756	0.07973	92	0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0653	7.9050	0.03000	7.7954	0.28756	0.07973	92	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	7.9100	0.10000	7.7954	0.28756	0.07973	92	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	7.9150	0.03000	7.7954	0.28756	0.07973	92	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	7.9200	0.04460	7.7954	0.28756	0.07973	92	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	7.9200	0.00000	7.7954	0.28756	0.07973	92	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	7.9350	0.03000	7.7954	0.28756	0.07973	92	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	7.9370	0.06400	7.7954	0.28756	0.07973	92	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	7.9500	0.08000	7.7954	0.28756	0.07973	92	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.9600	0.12000	7.7954	0.28756	0.07973	92	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	7.9650	0.09000	7.7954	0.28756	0.07973	92	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	7.9700	0.00000	7.7954	0.28756	0.07973	92	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	7.9700	0.06000	7.7954	0.28756	0.07973	92	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	7.9735	0.04300	7.7954	0.28756	0.07973	92	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	7.9800	0.08000	7.7954	0.28756	0.07973	92	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	7.9800	0.00000	7.7954	0.28756	0.07973	92	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	7.9950	0.09000	7.7954	0.28756	0.07973	92	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	7.9950	0.01000	7.7954	0.28756	0.07973	92	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	8.0100	0.06000	7.7954	0.28756	0.07973	92	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	8.0200	0.06000	7.7954	0.28756	0.07973	92	0.78	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0164	8.0450	0.05000	7.7954	0.28756	0.07973	92	0.87	2%	0
005.00	Ash, 2h @ 600°C (%)	0152	8.0500	0.10000	7.7954	0.28756	0.07973	92	0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0630	8.0550	0.07000	7.7954	0.28756	0.07973	92	0.90	2%	0
005.00	Ash, 2h @ 600°C (%)	0646	8.0650	0.01000	7.7954	0.28756	0.07973	92	0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0138	8.0655	0.02900	7.7954	0.28756	0.07973	92	0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0139	8.0950	0.09000	7.7954	0.28756	0.07973	92	1.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	8.0950	0.07000	7.7954	0.28756	0.07973	92	1.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0366	8.1000	0.00000	7.7954	0.28756	0.07973	92	1.06	2%	0
005.00	Ash, 2h @ 600°C (%)	0880	8.1000	0.10000	7.7954	0.28756	0.07973	92	1.06	2%	0
005.00	Ash, 2h @ 600°C (%)	0622	8.1053	0.15370	7.7954	0.28756	0.07973	92	1.08	2%	0
005.00	Ash, 2h @ 600°C (%)	0615	8.1250	0.25000	7.7954	0.28756	0.07973	92	1.15	2%	0
005.00	Ash, 2h @ 600°C (%)	1019	8.1417	0.20640	7.7954	0.28756	0.07973	92	1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	8.1590	0.17600	7.7954	0.28756	0.07973	92	1.26	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	8.1850	0.11000	7.7954	0.28756	0.07973	92	1.35	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	8.2000	0.20000	7.7954	0.28756	0.07973	92	1.41	3%	0
005.00	Ash, 2h @ 600°C (%)	0529	8.2750	0.05000	7.7954	0.28756	0.07973	92	1.67	3%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.3000	0.00000	7.7954	0.28756	0.07973	92	1.75	3%	0
005.00	Ash, 2h @ 600°C (%)	0675	8.4100	0.04000	7.7954	0.28756	0.07973	92	2.14	4%	0
005.00	Ash, 2h @ 600°C (%)	2106	7.3350	0.71000	7.7954	0.28756	0.07973	92	-1.60	3%	1
005.00	Ash, 2h @ 600°C (%)	0354	1.7900	0.02000	7.7954	0.28756	0.07973	92	-20.88	39%	2
005.00	Ash, 2h @ 600°C (%)	0957	1.8550	0.21000	7.7954	0.28756	0.07973	92	-20.66	38%	2
005.02	Ash, LECO (%)	2075	7.9550	0.01000				2			0
005.02	Ash, LECO (%)	0187	8.2400	0.06000				2			0
005.05	Ash, 3h @ 550°C (%)	0904	7.4900	0.04000	8.0243	0.27066	0.06607	28	-1.97	3%	0
005.05	Ash, 3h @ 550°C (%)	0003	7.5550	0.01000	8.0243	0.27066	0.06607	28	-1.73	3%	0
005.05	Ash, 3h @ 550°C (%)	0726	7.5800	0.02000	8.0243	0.27066	0.06607	28	-1.64	3%	0
005.05	Ash, 3h @ 550°C (%)	0413	7.6000	0.20000	8.0243	0.27066	0.06607	28	-1.57	3%	0
005.05	Ash, 3h @ 550°C (%)	0940	7.6800	0.18000	8.0243	0.27066	0.06607	28	-1.27	2%	0
005.05	Ash, 3h @ 550°C (%)	0294	7.7000	0.00000	8.0243	0.27066	0.06607	28	-1.20	2%	0
005.05	Ash, 3h @ 550°C (%)	0047	7.8000	0.20000	8.0243	0.27066	0.06607	28	-0.83	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	7.8500	0.10000	8.0243	0.27066	0.06607	28	-0.64	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	7.9383	0.01660	8.0243	0.27066	0.06607	28	-0.32	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	8.0200	0.08000	8.0243	0.27066	0.06607	28	-0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	8.0650	0.03000	8.0243	0.27066	0.06607	28	0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	8.0850	0.09000	8.0243	0.27066	0.06607	28	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	8.0935	0.07300	8.0243	0.27066	0.06607	28	0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	8.1000	0.08000	8.0243	0.27066	0.06607	28	0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	8.1029	0.15820	8.0243	0.27066	0.06607	28	0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	8.1360	0.01220	8.0243	0.27066	0.06607	28	0.41	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	8.1415	0.00990	8.0243	0.27066	0.06607	28	0.43	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	8.1550	0.05000	8.0243	0.27066	0.06607	28	0.48	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.05	Ash, 3h @ 550°C (%)	2109	8.1650	0.05000	8.0243	0.27066	0.06607	28	0.52	1%	0
005.05	Ash, 3h @ 550°C (%)	2145	8.1650	0.05000	8.0243	0.27066	0.06607	28	0.52	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	8.1700	0.02000	8.0243	0.27066	0.06607	28	0.54	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	8.1700	0.02000	8.0243	0.27066	0.06607	28	0.54	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	8.2200	0.04000	8.0243	0.27066	0.06607	28	0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	8.2200	0.08000	8.0243	0.27066	0.06607	28	0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	8.2300	0.10000	8.0243	0.27066	0.06607	28	0.76	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	8.2750	0.03000	8.0243	0.27066	0.06607	28	0.93	2%	0
005.05	Ash, 3h @ 550°C (%)	0190	8.2950	0.01000	8.0243	0.27066	0.06607	28	1.00	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	8.4300	0.10000	8.0243	0.27066	0.06607	28	1.50	3%	0
005.05	Ash, 3h @ 550°C (%)	0038	7.9400	0.54000	8.0243	0.27066	0.06607	28	-0.31	1%	1
005.11	Ash, NIR (%)	0297	5.5500	0.06000	8.2817	3.2265	0.06667	6	-0.85	16%	0
005.11	Ash, NIR (%)	0852	6.3600	0.08000	8.2817	3.2265	0.06667	6	-0.60	12%	0
005.11	Ash, NIR (%)	0613	6.5100	0.02000	8.2817	3.2265	0.06667	6	-0.55	11%	0
005.11	Ash, NIR (%)	0889	7.5600	0.08000	8.2817	3.2265	0.06667	6	-0.22	4%	0
005.11	Ash, NIR (%)	2120	11.605	0.15000	8.2817	3.2265	0.06667	6	1.03	20%	0
005.11	Ash, NIR (%)	2121	12.105	0.01000	8.2817	3.2265	0.06667	6	1.18	23%	0
005.99	Ash, Miscellaneous (%)	0574	7.5850	0.03000	8.2711	0.36403	0.08909	11	-1.88	4%	0
005.99	Ash, Miscellaneous (%)	0202	8.0450	0.11000	8.2711	0.36403	0.08909	11	-0.62	1%	0
005.99	Ash, Miscellaneous (%)	0884	8.0500	0.10000	8.2711	0.36403	0.08909	11	-0.61	1%	0
005.99	Ash, Miscellaneous (%)	0728	8.1350	0.05000	8.2711	0.36403	0.08909	11	-0.37	1%	0
005.99	Ash, Miscellaneous (%)	0629	8.1550	0.01000	8.2711	0.36403	0.08909	11	-0.32	1%	0
005.99	Ash, Miscellaneous (%)	0652	8.2500	0.10000	8.2711	0.36403	0.08909	11	-0.06	0%	0
005.99	Ash, Miscellaneous (%)	0644	8.2750	0.03000	8.2711	0.36403	0.08909	11	0.01	0%	0
005.99	Ash, Miscellaneous (%)	0910	8.3500	0.10000	8.2711	0.36403	0.08909	11	0.22	0%	0
005.99	Ash, Miscellaneous (%)	0676	8.3750	0.07000	8.2711	0.36403	0.08909	11	0.29	1%	0
005.99	Ash, Miscellaneous (%)	2004	8.8050	0.33000	8.2711	0.36403	0.08909	11	1.47	3%	0
005.99	Ash, Miscellaneous (%)	2110	9.1750	0.05000	8.2711	0.36403	0.08909	11	2.48	5%	0
005.99	Ash, Miscellaneous (%)	0613	8.0500	0.94000	8.2711	0.36403	0.08909	11	-0.61	1%	1
006.00	Total sugars, As sucrose (%)	0910	4.9650	0.45000				1			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	4.5500	0.30000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	6.6250	0.65000				2			0
006.99	Total sugars, Miscellaneous (%)	0956	6.1500	0.70000				1			0
008.02	Fiber, Acid Detergent (%)	0405	4.9650	0.07000	7.7419	0.44582	0.19855	15	-6.23	18%	0
008.02	Fiber, Acid Detergent (%)	0590	6.6000	0.40000	7.7419	0.44582	0.19855	15	-2.56	7%	0
008.02	Fiber, Acid Detergent (%)	0098	7.3450	0.27000	7.7419	0.44582	0.19855	15	-0.89	3%	0
008.02	Fiber, Acid Detergent (%)	0208	7.5150	0.01000	7.7419	0.44582	0.19855	15	-0.51	1%	0
008.02	Fiber, Acid Detergent (%)	0948	7.6350	0.09000	7.7419	0.44582	0.19855	15	-0.24	1%	0
008.02	Fiber, Acid Detergent (%)	0939	7.6450	0.29000	7.7419	0.44582	0.19855	15	-0.22	1%	0
008.02	Fiber, Acid Detergent (%)	0226	7.6500	0.10000	7.7419	0.44582	0.19855	15	-0.21	1%	0
008.02	Fiber, Acid Detergent (%)	0309	7.6963	0.28830	7.7419	0.44582	0.19855	15	-0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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008.02	Fiber, Acid Detergent (%)	0504	7.8300	0.08000	7.7419	0.44582	0.19855	15	0.20	1%	0
008.02	Fiber, Acid Detergent (%)	0148	7.8850	0.13000	7.7419	0.44582	0.19855	15	0.32	1%	0
008.02	Fiber, Acid Detergent (%)	0728	7.9450	0.43000	7.7419	0.44582	0.19855	15	0.46	1%	0
008.02	Fiber, Acid Detergent (%)	0353	8.0000	0.10000	7.7419	0.44582	0.19855	15	0.58	2%	0
008.02	Fiber, Acid Detergent (%)	0038	8.1750	0.57000	7.7419	0.44582	0.19855	15	0.97	3%	0
008.02	Fiber, Acid Detergent (%)	0345	8.2500	0.10000	7.7419	0.44582	0.19855	15	1.14	3%	0
008.02	Fiber, Acid Detergent (%)	0675	11.935	0.05000	7.7419	0.44582	0.19855	15	9.41	27%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	7.7000	0.20000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	5.2425	0.32700	7.5250	0.57449	0.22667	42	-3.97	15%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	6.0550	0.11000	7.5250	0.57449	0.22667	42	-2.56	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	6.5350	0.25000	7.5250	0.57449	0.22667	42	-1.72	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0016	6.6850	0.03000	7.5250	0.57449	0.22667	42	-1.46	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	6.7500	0.10000	7.5250	0.57449	0.22667	42	-1.35	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	6.9000	0.00000	7.5250	0.57449	0.22667	42	-1.09	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	7.0350	0.35000	7.5250	0.57449	0.22667	42	-0.85	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	7.1500	0.08000	7.5250	0.57449	0.22667	42	-0.65	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	7.1550	0.15000	7.5250	0.57449	0.22667	42	-0.64	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	7.1750	0.01000	7.5250	0.57449	0.22667	42	-0.61	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	7.2000	0.20000	7.5250	0.57449	0.22667	42	-0.57	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	7.2000	0.20000	7.5250	0.57449	0.22667	42	-0.57	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0013	7.2100	0.16000	7.5250	0.57449	0.22667	42	-0.55	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	7.2500	0.10000	7.5250	0.57449	0.22667	42	-0.48	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2129	7.2500	0.28000	7.5250	0.57449	0.22667	42	-0.48	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	7.2900	0.40000	7.5250	0.57449	0.22667	42	-0.41	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	7.3595	0.11680	7.5250	0.57449	0.22667	42	-0.29	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	7.4000	0.00000	7.5250	0.57449	0.22667	42	-0.22	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	7.4500	0.10000	7.5250	0.57449	0.22667	42	-0.13	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	7.4750	0.29000	7.5250	0.57449	0.22667	42	-0.09	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	7.5050	0.09000	7.5250	0.57449	0.22667	42	-0.03	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	7.5300	0.64000	7.5250	0.57449	0.22667	42	0.01	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	7.5350	0.05000	7.5250	0.57449	0.22667	42	0.02	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0042	7.5400	0.36000	7.5250	0.57449	0.22667	42	0.03	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	7.6150	0.01000	7.5250	0.57449	0.22667	42	0.16	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	7.6200	0.38000	7.5250	0.57449	0.22667	42	0.17	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	7.6200	0.10000	7.5250	0.57449	0.22667	42	0.17	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	7.7500	0.50000	7.5250	0.57449	0.22667	42	0.39	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	7.7850	0.05000	7.5250	0.57449	0.22667	42	0.45	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	7.8561	0.25950	7.5250	0.57449	0.22667	42	0.58	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	7.8900	0.26000	7.5250	0.57449	0.22667	42	0.64	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	7.8950	0.33000	7.5250	0.57449	0.22667	42	0.64	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	7.9250	0.15000	7.5250	0.57449	0.22667	42	0.70	3%	0

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008.08	Fiber, Acid Detergent, ANKOM (%)	0357	7.9500	0.30000	7.5250	0.57449	0.22667	42	0.74	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	7.9715	0.01700	7.5250	0.57449	0.22667	42	0.78	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	8.1700	0.02000	7.5250	0.57449	0.22667	42	1.12	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	8.2000	0.80000	7.5250	0.57449	0.22667	42	1.18	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	8.2200	0.42000	7.5250	0.57449	0.22667	42	1.21	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	8.3900	0.04000	7.5250	0.57449	0.22667	42	1.51	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	8.4500	0.10000	7.5250	0.57449	0.22667	42	1.61	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	8.4520	0.61000	7.5250	0.57449	0.22667	42	1.61	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	8.5500	0.78000	7.5250	0.57449	0.22667	42	1.78	7%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0613	7.2650	0.25000				3			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	7.5500	0.10000				3			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0035	8.5650	0.03000				3			0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	18.125	0.37000				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	16.400	0.02000	17.922	1.0528	0.18643	9	-1.45	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	16.850	0.90000	17.922	1.0528	0.18643	9	-1.02	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0590	17.550	0.10000	17.922	1.0528	0.18643	9	-0.35	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	17.900	0.00000	17.922	1.0528	0.18643	9	-0.02	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	17.940	0.28000	17.922	1.0528	0.18643	9	0.02	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0345	18.110	0.18000	17.922	1.0528	0.18643	9	0.18	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	18.380	0.10000	17.922	1.0528	0.18643	9	0.44	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0038	18.665	0.07000	17.922	1.0528	0.18643	9	0.71	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	20.006	0.02790	17.922	1.0528	0.18643	9	1.98	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0910	16.350	1.7000	17.922	1.0528	0.18643	9	-1.49	4%	1
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	15.350	0.10000	17.300	0.95577	0.36041	34	-2.04	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	15.950	0.22000	17.300	0.95577	0.36041	34	-1.41	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	16.150	0.70000	17.300	0.95577	0.36041	34	-1.20	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	16.160	0.32000	17.300	0.95577	0.36041	34	-1.19	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	16.250	0.30000	17.300	0.95577	0.36041	34	-1.10	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0358	16.305	0.63000	17.300	0.95577	0.36041	34	-1.04	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	16.370	0.44000	17.300	0.95577	0.36041	34	-0.97	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	16.460	0.22000	17.300	0.95577	0.36041	34	-0.88	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	16.585	0.27000	17.300	0.95577	0.36041	34	-0.75	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	16.650	0.10000	17.300	0.95577	0.36041	34	-0.68	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	16.700	0.20000	17.300	0.95577	0.36041	34	-0.63	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	16.715	0.27000	17.300	0.95577	0.36041	34	-0.61	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	16.820	0.16000	17.300	0.95577	0.36041	34	-0.50	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	16.940	0.50000	17.300	0.95577	0.36041	34	-0.38	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0849	17.185	0.11000	17.300	0.95577	0.36041	34	-0.12	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	17.358	0.39000	17.300	0.95577	0.36041	34	0.06	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	17.450	0.10000	17.300	0.95577	0.36041	34	0.16	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	17.539	0.02380	17.300	0.95577	0.36041	34	0.25	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	
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	17.550	0.30000	17.300	0.95577	0.36041	34	0.26	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	17.600	0.40000	17.300	0.95577	0.36041	34	0.31	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	17.600	0.20000	17.300	0.95577	0.36041	34	0.31	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	17.747	0.52390	17.300	0.95577	0.36041	34	0.47	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	17.850	0.90000	17.300	0.95577	0.36041	34	0.58	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	17.900	0.16000	17.300	0.95577	0.36041	34	0.63	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	17.900	1.4000	17.300	0.95577	0.36041	34	0.63	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	17.902	0.80640	17.300	0.95577	0.36041	34	0.63	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	17.910	0.26000	17.300	0.95577	0.36041	34	0.64	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0366	17.950	0.90000	17.300	0.95577	0.36041	34	0.68	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	18.160	0.06000	17.300	0.95577	0.36041	34	0.90	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0726	18.280	0.04000	17.300	0.95577	0.36041	34	1.03	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	18.350	0.10000	17.300	0.95577	0.36041	34	1.10	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	18.585	0.09000	17.300	0.95577	0.36041	34	1.34	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	19.070	0.66000	17.300	0.95577	0.36041	34	1.85	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	19.200	0.40000	17.300	0.95577	0.36041	34	1.99	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	13.505	6.9100	17.300	0.95577	0.36041	34	-3.97	11%	1
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	27.859	0.92400	17.300	0.95577	0.36041	34	11.05	31%	2
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	14.955	0.01000				3			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	19.075	0.61000				3			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	22.065	1.0700				3			0
010.03	Moisture, Karl-Fischer (%)	0843	7.6800	0.06000				3			0
010.03	Moisture, Karl-Fischer (%)	0164	8.3000	0.06000				3			0
010.03	Moisture, Karl-Fischer (%)	0208	8.5150	0.35000				3			0
010.11	Moisture, NIR (%)	2121	8.3150	0.17000	8.6925	0.52220	0.05500	4	-0.90	3%	0
010.11	Moisture, NIR (%)	2120	8.4750	0.01000	8.6925	0.52220	0.05500	4	-0.61	2%	0
010.11	Moisture, NIR (%)	0889	8.5150	0.03000	8.6925	0.52220	0.05500	4	-0.54	2%	0
010.11	Moisture, NIR (%)	0852	9.4650	0.01000	8.6925	0.52220	0.05500	4	1.15	4%	0
010.99	Moisture, Miscellaneous (%)	2051	7.7500	0.30000	8.6858	0.50945	0.13347	17	-1.84	5%	0
010.99	Moisture, Miscellaneous (%)	0692	8.3000	0.00000	8.6858	0.50945	0.13347	17	-0.76	2%	0
010.99	Moisture, Miscellaneous (%)	0884	8.3000	0.00000	8.6858	0.50945	0.13347	17	-0.76	2%	0
010.99	Moisture, Miscellaneous (%)	2089	8.3350	0.47000	8.6858	0.50945	0.13347	17	-0.69	2%	0
010.99	Moisture, Miscellaneous (%)	0948	8.3450	0.01000	8.6858	0.50945	0.13347	17	-0.67	2%	0
010.99	Moisture, Miscellaneous (%)	2129	8.3550	0.01000	8.6858	0.50945	0.13347	17	-0.65	2%	0
010.99	Moisture, Miscellaneous (%)	0917	8.4000	0.00000	8.6858	0.50945	0.13347	17	-0.56	2%	0
010.99	Moisture, Miscellaneous (%)	0939	8.4650	0.21000	8.6858	0.50945	0.13347	17	-0.43	1%	0
010.99	Moisture, Miscellaneous (%)	0964	8.6025	0.00900	8.6858	0.50945	0.13347	17	-0.16	0%	0
010.99	Moisture, Miscellaneous (%)	0921	8.7500	0.00000	8.6858	0.50945	0.13347	17	0.13	0%	0
010.99	Moisture, Miscellaneous (%)	2004	8.8300	0.04000	8.6858	0.50945	0.13347	17	0.28	1%	0
010.99	Moisture, Miscellaneous (%)	2150	8.8650	0.33000	8.6858	0.50945	0.13347	17	0.35	1%	0
010.99	Moisture, Miscellaneous (%)	0190	8.8650	0.09000	8.6858	0.50945	0.13347	17	0.35	1%	0

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010.99	Moisture, Miscellaneous (%)	0726	9.0550	0.03000	8.6858	0.50945	0.13347	17	0.72	2%	0
010.99	Moisture, Miscellaneous (%)	2127	9.3700	0.42000	8.6858	0.50945	0.13347	17	1.34	4%	0
010.99	Moisture, Miscellaneous (%)	0405	10.090	0.14000	8.6858	0.50945	0.13347	17	2.76	8%	0
010.99	Moisture, Miscellaneous (%)	2105	10.905	0.21000	8.6858	0.50945	0.13347	17	4.36	13%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	7.9000	0.20000	9.3736	0.36555	0.11171	69	-4.03	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	8.2500	0.16000	9.3736	0.36555	0.11171	69	-3.07	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	8.3500	0.06000	9.3736	0.36555	0.11171	69	-2.80	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	8.5350	0.27000	9.3736	0.36555	0.11171	69	-2.29	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	8.5950	0.07000	9.3736	0.36555	0.11171	69	-2.13	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	8.6878	0.08520	9.3736	0.36555	0.11171	69	-1.88	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.7300	0.00000	9.3736	0.36555	0.11171	69	-1.76	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	8.8103	0.02250	9.3736	0.36555	0.11171	69	-1.54	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	8.9500	0.06000	9.3736	0.36555	0.11171	69	-1.16	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.9700	0.30000	9.3736	0.36555	0.11171	69	-1.10	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.0200	0.02000	9.3736	0.36555	0.11171	69	-0.97	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	9.0250	0.03000	9.3736	0.36555	0.11171	69	-0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	9.0580	0.01000	9.3736	0.36555	0.11171	69	-0.86	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	9.0700	0.06000	9.3736	0.36555	0.11171	69	-0.83	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	9.0843	0.19340	9.3736	0.36555	0.11171	69	-0.79	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	9.0987	0.58680	9.3736	0.36555	0.11171	69	-0.75	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	9.1100	0.00000	9.3736	0.36555	0.11171	69	-0.72	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	9.1420	0.25600	9.3736	0.36555	0.11171	69	-0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	9.1450	0.01000	9.3736	0.36555	0.11171	69	-0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	9.1800	0.02000	9.3736	0.36555	0.11171	69	-0.53	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	9.1950	0.03000	9.3736	0.36555	0.11171	69	-0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	9.2550	0.07000	9.3736	0.36555	0.11171	69	-0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2095	9.2750	0.35000	9.3736	0.36555	0.11171	69	-0.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	9.2800	0.00000	9.3736	0.36555	0.11171	69	-0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	9.2800	0.02000	9.3736	0.36555	0.11171	69	-0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	9.3000	0.00000	9.3736	0.36555	0.11171	69	-0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.3000	0.00000	9.3736	0.36555	0.11171	69	-0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	9.3065	0.01100	9.3736	0.36555	0.11171	69	-0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	9.3250	0.33000	9.3736	0.36555	0.11171	69	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	9.3400	0.08000	9.3736	0.36555	0.11171	69	-0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	9.3500	0.10000	9.3736	0.36555	0.11171	69	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.3500	0.10000	9.3736	0.36555	0.11171	69	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	9.3800	0.00000	9.3736	0.36555	0.11171	69	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.4050	0.05000	9.3736	0.36555	0.11171	69	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	9.4100	0.04000	9.3736	0.36555	0.11171	69	0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	9.4300	0.02000	9.3736	0.36555	0.11171	69	0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	9.4350	0.01000	9.3736	0.36555	0.11171	69	0.17	0%	0

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011.01	Loss on Drying, 135°C 2hr (%)	0033	9.4500	0.02000	9.3736	0.36555	0.11171	69	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	9.4500	0.10000	9.3736	0.36555	0.11171	69	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	9.4500	0.00000	9.3736	0.36555	0.11171	69	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	9.4550	0.29000	9.3736	0.36555	0.11171	69	0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	9.4563	0.20440	9.3736	0.36555	0.11171	69	0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	9.4565	0.00900	9.3736	0.36555	0.11171	69	0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	9.4600	0.14000	9.3736	0.36555	0.11171	69	0.24	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.4640	0.02400	9.3736	0.36555	0.11171	69	0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0013	9.4650	0.07000	9.3736	0.36555	0.11171	69	0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.4750	0.05000	9.3736	0.36555	0.11171	69	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	9.4775	0.02300	9.3736	0.36555	0.11171	69	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	9.5300	0.00000	9.3736	0.36555	0.11171	69	0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	9.5400	0.06000	9.3736	0.36555	0.11171	69	0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	9.5600	0.02000	9.3736	0.36555	0.11171	69	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	9.5650	0.11000	9.3736	0.36555	0.11171	69	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	9.5750	0.19000	9.3736	0.36555	0.11171	69	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	9.6250	0.27000	9.3736	0.36555	0.11171	69	0.69	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.6300	0.06000	9.3736	0.36555	0.11171	69	0.70	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	9.6650	0.01000	9.3736	0.36555	0.11171	69	0.80	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	9.6750	0.13000	9.3736	0.36555	0.11171	69	0.82	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	9.7500	0.36000	9.3736	0.36555	0.11171	69	1.03	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	9.7550	0.29000	9.3736	0.36555	0.11171	69	1.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	9.7650	0.01000	9.3736	0.36555	0.11171	69	1.07	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	9.8300	0.10000	9.3736	0.36555	0.11171	69	1.25	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	9.8385	0.13300	9.3736	0.36555	0.11171	69	1.27	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.8550	0.07000	9.3736	0.36555	0.11171	69	1.32	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	9.8850	0.05000	9.3736	0.36555	0.11171	69	1.40	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	9.9150	0.01000	9.3736	0.36555	0.11171	69	1.48	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	9.9300	0.06000	9.3736	0.36555	0.11171	69	1.52	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.100	0.40000	9.3736	0.36555	0.11171	69	1.99	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	10.155	0.53000	9.3736	0.36555	0.11171	69	2.14	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	10.195	0.29000	9.3736	0.36555	0.11171	69	2.25	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	7.2000	1.0400	9.3736	0.36555	0.11171	69	-5.95	12%	1
011.01	Loss on Drying, 135°C 2hr (%)	0650	9.8100	1.1200	9.3736	0.36555	0.11171	69	1.19	2%	1
011.01	Loss on Drying, 135°C 2hr (%)	0848	95.975	0.07000	9.3736	0.36555	0.11171	69	236.90	462%	2
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	9.3900	0.04000				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	9.5150	0.81000				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	8.5450	0.27000	8.9063	0.25643	0.22250	4	-1.41	2%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	8.9500	0.10000	8.9063	0.25643	0.22250	4	0.17	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	8.9800	0.08000	8.9063	0.25643	0.22250	4	0.29	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	9.1500	0.44000	8.9063	0.25643	0.22250	4	0.95	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
012.00	Starch, Polarimetric (Ewers) (%)	2006	30.120	0.00000	31.012	0.65537	0.33609	9	-1.36	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	30.265	0.33000	31.012	0.65537	0.33609	9	-1.14	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	30.500	0.20000	31.012	0.65537	0.33609	9	-0.78	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	31.000	0.60000	31.012	0.65537	0.33609	9	-0.02	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	31.250	0.50000	31.012	0.65537	0.33609	9	0.36	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	31.275	0.05000	31.012	0.65537	0.33609	9	0.40	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	31.500	0.40000	31.012	0.65537	0.33609	9	0.74	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	31.585	0.53480	31.012	0.65537	0.33609	9	0.87	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	31.615	0.41000	31.012	0.65537	0.33609	9	0.92	1%	0
012.01	Starch, Megazyme (%)	0918	19.826	1.2775	28.496	2.4124	0.68474	9	-3.59	15%	0
012.01	Starch, Megazyme (%)	0676	26.385	0.41000	28.496	2.4124	0.68474	9	-0.88	4%	0
012.01	Starch, Megazyme (%)	0164	27.050	1.3000	28.496	2.4124	0.68474	9	-0.60	3%	0
012.01	Starch, Megazyme (%)	0613	28.390	0.56000	28.496	2.4124	0.68474	9	-0.04	0%	0
012.01	Starch, Megazyme (%)	0870	28.996	0.21520	28.496	2.4124	0.68474	9	0.21	1%	0
012.01	Starch, Megazyme (%)	2004	29.450	0.50000	28.496	2.4124	0.68474	9	0.40	2%	0
012.01	Starch, Megazyme (%)	0045	29.500	0.80000	28.496	2.4124	0.68474	9	0.42	2%	0
012.01	Starch, Megazyme (%)	0956	29.700	0.60000	28.496	2.4124	0.68474	9	0.50	2%	0
012.01	Starch, Megazyme (%)	0265	34.350	0.50000	28.496	2.4124	0.68474	9	2.43	10%	0
012.02	Starch, Colorimetric (GOP) (%)	0955	30.850	0.10000				2			0
012.02	Starch, Colorimetric (GOP) (%)	2089	34.350	0.74000				2			0
012.03	Starch, Enzymatic (%)	0885	27.309	2.1261	28.828	1.5396	0.68922	5	-0.99	3%	0
012.03	Starch, Enzymatic (%)	0098	28.050	1.1000	28.828	1.5396	0.68922	5	-0.51	1%	0
012.03	Starch, Enzymatic (%)	0407	28.105	0.05000	28.828	1.5396	0.68922	5	-0.47	1%	0
012.03	Starch, Enzymatic (%)	0297	29.475	0.11000	28.828	1.5396	0.68922	5	0.42	1%	0
012.03	Starch, Enzymatic (%)	0889	31.200	0.06000	28.828	1.5396	0.68922	5	1.54	4%	0
012.04	Starch, YSI Analyzer (%)	0278	26.400	0.00000	28.615	1.7862	0.26000	4	-1.24	4%	0
012.04	Starch, YSI Analyzer (%)	0353	27.950	0.22000	28.615	1.7862	0.26000	4	-0.37	1%	0
012.04	Starch, YSI Analyzer (%)	0948	29.860	0.12000	28.615	1.7862	0.26000	4	0.70	2%	0
012.04	Starch, YSI Analyzer (%)	0510	30.250	0.70000	28.615	1.7862	0.26000	4	0.92	3%	0
012.11	Starch, NIR (%)	0852	30.555	0.15000	32.184	1.4738	0.18250	4	-1.11	3%	0
012.11	Starch, NIR (%)	0889	31.665	0.13000	32.184	1.4738	0.18250	4	-0.35	1%	0
012.11	Starch, NIR (%)	0613	32.455	0.37000	32.184	1.4738	0.18250	4	0.18	0%	0
012.11	Starch, NIR (%)	0297	34.060	0.08000	32.184	1.4738	0.18250	4	1.27	3%	0
012.99	Starch, Miscellaneous (%)	2068	46.730	0.26000				1			0
013.00	Fat, Acid hydrolysis (%)	2146	3.8500	0.08000	4.9794	0.67281	0.14073	21	-1.68	11%	0
013.00	Fat, Acid hydrolysis (%)	0083	3.8950	0.03000	4.9794	0.67281	0.14073	21	-1.61	11%	0
013.00	Fat, Acid hydrolysis (%)	0689	4.1000	0.00000	4.9794	0.67281	0.14073	21	-1.31	9%	0
013.00	Fat, Acid hydrolysis (%)	0297	4.4350	0.01000	4.9794	0.67281	0.14073	21	-0.81	5%	0
013.00	Fat, Acid hydrolysis (%)	2145	4.5600	0.18000	4.9794	0.67281	0.14073	21	-0.62	4%	0
013.00	Fat, Acid hydrolysis (%)	0504	4.6550	0.79000	4.9794	0.67281	0.14073	21	-0.48	3%	0
013.00	Fat, Acid hydrolysis (%)	0242	4.6650	0.25000	4.9794	0.67281	0.14073	21	-0.47	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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013.00	Fat, Acid hydrolysis (%)	2144	4.7850	0.05000	4.9794	0.67281	0.14073	21	-0.29	2%	0
013.00	Fat, Acid hydrolysis (%)	0615	4.8500	0.30000	4.9794	0.67281	0.14073	21	-0.19	1%	0
013.00	Fat, Acid hydrolysis (%)	0910	4.8850	0.27000	4.9794	0.67281	0.14073	21	-0.14	1%	0
013.00	Fat, Acid hydrolysis (%)	0652	4.9000	0.00000	4.9794	0.67281	0.14073	21	-0.12	1%	0
013.00	Fat, Acid hydrolysis (%)	0884	4.9500	0.10000	4.9794	0.67281	0.14073	21	-0.04	0%	0
013.00	Fat, Acid hydrolysis (%)	2004	5.0000	0.00000	4.9794	0.67281	0.14073	21	0.03	0%	0
013.00	Fat, Acid hydrolysis (%)	0229	5.3500	0.30000	4.9794	0.67281	0.14073	21	0.55	4%	0
013.00	Fat, Acid hydrolysis (%)	0098	5.4000	0.12000	4.9794	0.67281	0.14073	21	0.63	4%	0
013.00	Fat, Acid hydrolysis (%)	0541	5.4750	0.07000	4.9794	0.67281	0.14073	21	0.74	5%	0
013.00	Fat, Acid hydrolysis (%)	0948	5.5300	0.06000	4.9794	0.67281	0.14073	21	0.82	6%	0
013.00	Fat, Acid hydrolysis (%)	0309	5.5622	0.07540	4.9794	0.67281	0.14073	21	0.87	6%	0
013.00	Fat, Acid hydrolysis (%)	2057	5.6650	0.05000	4.9794	0.67281	0.14073	21	1.02	7%	0
013.00	Fat, Acid hydrolysis (%)	0139	5.8950	0.01000	4.9794	0.67281	0.14073	21	1.36	9%	0
013.00	Fat, Acid hydrolysis (%)	0202	5.9650	0.21000	4.9794	0.67281	0.14073	21	1.46	10%	0
013.00	Fat, Acid hydrolysis (%)	2076	5.9150	1.1700	4.9794	0.67281	0.14073	21	1.39	9%	1
013.02	Fat, Mojonnier, Bak Ext (%)	2150	2.9400	0.30000	5.6176	0.46045	0.11856	20	-5.82	24%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	4.5450	0.13000	5.6176	0.46045	0.11856	20	-2.33	10%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	5.0650	0.29000	5.6176	0.46045	0.11856	20	-1.20	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	5.2200	0.12000	5.6176	0.46045	0.11856	20	-0.86	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	5.3500	0.02000	5.6176	0.46045	0.11856	20	-0.58	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	5.4322	0.13120	5.6176	0.46045	0.11856	20	-0.40	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	5.5200	0.02000	5.6176	0.46045	0.11856	20	-0.21	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	5.5950	0.05000	5.6176	0.46045	0.11856	20	-0.05	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	5.6000	0.32000	5.6176	0.46045	0.11856	20	-0.04	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0016	5.6100	0.06000	5.6176	0.46045	0.11856	20	-0.02	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	5.6250	0.03000	5.6176	0.46045	0.11856	20	0.02	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	5.6300	0.04000	5.6176	0.46045	0.11856	20	0.03	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	5.6500	0.02000	5.6176	0.46045	0.11856	20	0.07	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	5.7650	0.03000	5.6176	0.46045	0.11856	20	0.32	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	5.7950	0.25000	5.6176	0.46045	0.11856	20	0.39	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	5.8100	0.08000	5.6176	0.46045	0.11856	20	0.42	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	5.9150	0.05000	5.6176	0.46045	0.11856	20	0.65	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	6.3000	0.00000	5.6176	0.46045	0.11856	20	1.48	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	6.6500	0.22000	5.6176	0.46045	0.11856	20	2.24	9%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	6.6850	0.21000	5.6176	0.46045	0.11856	20	2.32	10%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	5.1200	0.62000	5.6176	0.46045	0.11856	20	-1.08	4%	1
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	4.9150	0.01000				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2095	4.0000	0.00000	4.8606	0.92099	0.17587	6	-0.93	9%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	4.1988	0.06520	4.8606	0.92099	0.17587	6	-0.72	7%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	4.5000	0.62000	4.8606	0.92099	0.17587	6	-0.39	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	4.8650	0.09000	4.8606	0.92099	0.17587	6	0.00	0%	0

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013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	5.4650	0.15000	4.8606	0.92099	0.17587	6	0.66	6%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	6.1350	0.13000	4.8606	0.92099	0.17587	6	1.38	13%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0042	3.7350	0.05000	5.0832	1.3135	0.13100	6	-1.03	13%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	4.2740	0.09600	5.0832	1.3135	0.13100	6	-0.62	8%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0904	4.2900	0.12000	5.0832	1.3135	0.13100	6	-0.60	8%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	5.3900	0.04000	5.0832	1.3135	0.13100	6	0.23	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	6.3100	0.08000	5.0832	1.3135	0.13100	6	0.93	12%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	6.5000	0.40000	5.0832	1.3135	0.13100	6	1.08	14%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	5.3300	3.3000	5.0832	1.3135	0.13100	6	0.19	2%	1
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	62.550	15.000				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	83.500	5.0000				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	90.900	3.0000				3			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	86.350	9.9000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	49.000	0.00000	77.351	26.256	2.9596	7	-1.08	18%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	54.000	2.0000	77.351	26.256	2.9596	7	-0.89	15%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	72.300	4.4000	77.351	26.256	2.9596	7	-0.19	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0032	75.121	4.1751	77.351	26.256	2.9596	7	-0.08	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	80.300	3.0000	77.351	26.256	2.9596	7	0.11	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	94.000	6.0000	77.351	26.256	2.9596	7	0.63	11%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	330.29	1.1420	77.351	26.256	2.9596	7	9.63	164%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	9.9200	0.02000	10.941	0.85419	0.35250	4	-1.20	5%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	10.710	0.32000	10.941	0.85419	0.35250	4	-0.27	1%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	11.175	0.81000	10.941	0.85419	0.35250	4	0.27	1%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	11.960	0.26000	10.941	0.85419	0.35250	4	1.19	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	9.7950	0.17000	10.374	0.68999	0.20250	4	-0.84	3%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	10.000	0.00000	10.374	0.68999	0.20250	4	-0.54	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	10.350	0.30000	10.374	0.68999	0.20250	4	-0.03	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	11.350	0.34000	10.374	0.68999	0.20250	4	1.41	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	9.9500	0.10000	10.844	0.63455	0.33000	5	-1.41	4%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	10.975	0.25000	10.844	0.63455	0.33000	5	0.21	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	11.000	0.00000	10.844	0.63455	0.33000	5	0.25	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	2055	11.450	0.30000	10.844	0.63455	0.33000	5	0.96	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	11.500	1.0000	10.844	0.63455	0.33000	5	1.03	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	0.00000	0.00000	10.844	0.63455	0.33000	5			4
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	1.2706	0.01160	1.4673	0.04537	0.01367	12	-4.33	7%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.4275	0.02300	1.4673	0.04537	0.01367	12	-0.88	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.4305	0.00100	1.4673	0.04537	0.01367	12	-0.81	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.4500	0.02000	1.4673	0.04537	0.01367	12	-0.38	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.4510	0.04600	1.4673	0.04537	0.01367	12	-0.36	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.4564	0.01500	1.4673	0.04537	0.01367	12	-0.24	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	1.4613	0.02640	1.4673	0.04537	0.01367	12	-0.13	0%	0

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019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.4700	0.00000	1.4673	0.04537	0.01367	12	0.06	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.5100	0.00000	1.4673	0.04537	0.01367	12	0.94	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.5150	0.01000	1.4673	0.04537	0.01367	12	1.05	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.5150	0.01000	1.4673	0.04537	0.01367	12	1.05	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.5215	0.00100	1.4673	0.04537	0.01367	12	1.19	2%	0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.5611	0.00120				1			0
019.08	Calcium, EDTA (%)	0629	1.4000	0.00000	1.5192	0.09099	0.02660	9	-1.31	4%	0
019.08	Calcium, EDTA (%)	0849	1.4540	0.01200	1.5192	0.09099	0.02660	9	-0.72	2%	0
019.08	Calcium, EDTA (%)	0590	1.4550	0.01000	1.5192	0.09099	0.02660	9	-0.71	2%	0
019.08	Calcium, EDTA (%)	0940	1.5000	0.02000	1.5192	0.09099	0.02660	9	-0.21	1%	0
019.08	Calcium, EDTA (%)	2009	1.5246	0.00160	1.5192	0.09099	0.02660	9	0.06	0%	0
019.08	Calcium, EDTA (%)	0885	1.5323	0.05680	1.5192	0.09099	0.02660	9	0.14	0%	0
019.08	Calcium, EDTA (%)	0689	1.5350	0.03000	1.5192	0.09099	0.02660	9	0.17	1%	0
019.08	Calcium, EDTA (%)	0138	1.6165	0.00900	1.5192	0.09099	0.02660	9	1.07	3%	0
019.08	Calcium, EDTA (%)	0852	2.7500	0.10000	1.5192	0.09099	0.02660	9	13.53	41%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.4325	0.02700				1			0
019.31	Calcium, AAS, Dry ash (%)	0948	1.3000	0.02000	1.4792	0.08551	0.03661	22	-2.10	6%	0
019.31	Calcium, AAS, Dry ash (%)	0904	1.3450	0.09000	1.4792	0.08551	0.03661	22	-1.57	5%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.3634	0.01990	1.4792	0.08551	0.03661	22	-1.35	4%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.3855	0.00300	1.4792	0.08551	0.03661	22	-1.10	3%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.4100	0.04000	1.4792	0.08551	0.03661	22	-0.81	2%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.4150	0.05000	1.4792	0.08551	0.03661	22	-0.75	2%	0
019.31	Calcium, AAS, Dry ash (%)	0152	1.4400	0.02000	1.4792	0.08551	0.03661	22	-0.46	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.4550	0.01000	1.4792	0.08551	0.03661	22	-0.28	1%	0
019.31	Calcium, AAS, Dry ash (%)	0653	1.4840	0.00800	1.4792	0.08551	0.03661	22	0.06	0%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.4850	0.03000	1.4792	0.08551	0.03661	22	0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.4850	0.01000	1.4792	0.08551	0.03661	22	0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.4850	0.07000	1.4792	0.08551	0.03661	22	0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.4924	0.02260	1.4792	0.08551	0.03661	22	0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.5125	0.05100	1.4792	0.08551	0.03661	22	0.39	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.5145	0.03100	1.4792	0.08551	0.03661	22	0.41	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.5200	0.02000	1.4792	0.08551	0.03661	22	0.48	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.5250	0.03000	1.4792	0.08551	0.03661	22	0.54	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.5500	0.00000	1.4792	0.08551	0.03661	22	0.83	2%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.5500	0.00000	1.4792	0.08551	0.03661	22	0.83	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.5750	0.07000	1.4792	0.08551	0.03661	22	1.12	3%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.5850	0.05000	1.4792	0.08551	0.03661	22	1.24	4%	0
019.31	Calcium, AAS, Dry ash (%)	0018	1.7900	0.16000	1.4792	0.08551	0.03661	22	3.64	11%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.4700	0.40000	1.4792	0.08551	0.03661	22	-0.11	0%	1
019.31	Calcium, AAS, Dry ash (%)	0874	0.14500	0.00000	1.4792	0.08551	0.03661	22	-15.60	45%	2
019.32	Calcium, AAS, Open vessel (%)	0263	1.3816	0.00020	1.4682	0.06494	0.08505	4	-1.33	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.32	Calcium, AAS, Open vessel (%)	0169	1.4550	0.05000	1.4682	0.06494	0.08505	4	-0.20	0%	0
019.32	Calcium, AAS, Open vessel (%)	0013	1.5150	0.07000	1.4682	0.06494	0.08505	4	0.72	2%	0
019.32	Calcium, AAS, Open vessel (%)	0504	1.5210	0.22000	1.4682	0.06494	0.08505	4	0.81	2%	0
019.33	Calcium, AAS, Microwave (%)	0504	1.4980	0.08000				2			0
019.33	Calcium, AAS, Microwave (%)	0010	1.6050	0.07000				2			0
019.41	Calcium, ICP, Dry ash (%)	0144	1.3300	0.04000	1.4978	0.05354	0.02933	26	-3.13	6%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.4076	0.02170	1.4978	0.05354	0.02933	26	-1.69	3%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.4450	0.03000	1.4978	0.05354	0.02933	26	-0.99	2%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.4500	0.00000	1.4978	0.05354	0.02933	26	-0.89	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.4550	0.01000	1.4978	0.05354	0.02933	26	-0.80	1%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.4550	0.09000	1.4978	0.05354	0.02933	26	-0.80	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.4600	0.04000	1.4978	0.05354	0.02933	26	-0.71	1%	0
019.41	Calcium, ICP, Dry ash (%)	0083	1.4660	0.05400	1.4978	0.05354	0.02933	26	-0.59	1%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.4700	0.00000	1.4978	0.05354	0.02933	26	-0.52	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.4800	0.04600	1.4978	0.05354	0.02933	26	-0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.4850	0.01000	1.4978	0.05354	0.02933	26	-0.24	0%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.4870	0.07000	1.4978	0.05354	0.02933	26	-0.20	0%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.4900	0.02000	1.4978	0.05354	0.02933	26	-0.15	0%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.4950	0.01000	1.4978	0.05354	0.02933	26	-0.05	0%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.5000	0.00000	1.4978	0.05354	0.02933	26	0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.5000	0.00000	1.4978	0.05354	0.02933	26	0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	2144	1.5100	0.02000	1.4978	0.05354	0.02933	26	0.23	0%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.5150	0.01000	1.4978	0.05354	0.02933	26	0.32	1%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.5250	0.03000	1.4978	0.05354	0.02933	26	0.51	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.5400	0.04000	1.4978	0.05354	0.02933	26	0.79	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.5400	0.06000	1.4978	0.05354	0.02933	26	0.79	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.5435	0.00100	1.4978	0.05354	0.02933	26	0.85	2%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.5650	0.05000	1.4978	0.05354	0.02933	26	1.26	2%	0
019.41	Calcium, ICP, Dry ash (%)	2145	1.5750	0.01000	1.4978	0.05354	0.02933	26	1.44	3%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.6100	0.02000	1.4978	0.05354	0.02933	26	2.10	4%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.6800	0.08000	1.4978	0.05354	0.02933	26	3.40	6%	0
019.41	Calcium, ICP, Dry ash (%)	0405	0.18865	0.00170	1.4978	0.05354	0.02933	26	-24.45	44%	2
019.42	Calcium, ICP, Open vessel (%)	0026	0.99000	0.06000	1.5150	0.11125	0.04744	25	-4.72	17%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.3050	0.19000	1.5150	0.11125	0.04744	25	-1.89	7%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.3900	0.04000	1.5150	0.11125	0.04744	25	-1.12	4%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.4000	0.02000	1.5150	0.11125	0.04744	25	-1.03	4%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.4200	0.00000	1.5150	0.11125	0.04744	25	-0.85	3%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.4350	0.11000	1.5150	0.11125	0.04744	25	-0.72	3%	0
019.42	Calcium, ICP, Open vessel (%)	0555	1.4353	0.03540	1.5150	0.11125	0.04744	25	-0.72	3%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.4450	0.01000	1.5150	0.11125	0.04744	25	-0.63	2%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.4650	0.03000	1.5150	0.11125	0.04744	25	-0.45	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.42	Calcium, ICP, Open vessel (%)	2051	1.4825	0.05500	1.5150	0.11125	0.04744	25	-0.29	1%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.4975	0.00100	1.5150	0.11125	0.04744	25	-0.16	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.5000	0.03800	1.5150	0.11125	0.04744	25	-0.14	0%	0
019.42	Calcium, ICP, Open vessel (%)	2110	1.5000	0.00000	1.5150	0.11125	0.04744	25	-0.14	0%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.5150	0.05000	1.5150	0.11125	0.04744	25	0.00	0%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.5250	0.01000	1.5150	0.11125	0.04744	25	0.09	0%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.5550	0.21000	1.5150	0.11125	0.04744	25	0.36	1%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.5724	0.04850	1.5150	0.11125	0.04744	25	0.52	2%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.6000	0.00000	1.5150	0.11125	0.04744	25	0.76	3%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.6025	0.04100	1.5150	0.11125	0.04744	25	0.79	3%	0
019.42	Calcium, ICP, Open vessel (%)	0613	1.6100	0.12000	1.5150	0.11125	0.04744	25	0.85	3%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.6250	0.01000	1.5150	0.11125	0.04744	25	0.99	4%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.6400	0.02000	1.5150	0.11125	0.04744	25	1.12	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.6445	0.00700	1.5150	0.11125	0.04744	25	1.16	4%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.6550	0.05000	1.5150	0.11125	0.04744	25	1.26	5%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.6650	0.03000	1.5150	0.11125	0.04744	25	1.35	5%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.3450	0.01000	1.4957	0.09360	0.02355	24	-1.61	5%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.3750	0.01000	1.4957	0.09360	0.02355	24	-1.29	4%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.3800	0.02000	1.4957	0.09360	0.02355	24	-1.24	4%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.3900	0.04000	1.4957	0.09360	0.02355	24	-1.13	4%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.4125	0.00500	1.4957	0.09360	0.02355	24	-0.89	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.4362	0.01730	1.4957	0.09360	0.02355	24	-0.64	2%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.4400	0.02000	1.4957	0.09360	0.02355	24	-0.60	2%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.4550	0.01000	1.4957	0.09360	0.02355	24	-0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.4550	0.03000	1.4957	0.09360	0.02355	24	-0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.4730	0.02200	1.4957	0.09360	0.02355	24	-0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.4800	0.00000	1.4957	0.09360	0.02355	24	-0.17	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.4900	0.00000	1.4957	0.09360	0.02355	24	-0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.4950	0.08000	1.4957	0.09360	0.02355	24	-0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0034	1.5078	0.01570	1.4957	0.09360	0.02355	24	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.5215	0.01100	1.4957	0.09360	0.02355	24	0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.5250	0.01000	1.4957	0.09360	0.02355	24	0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0032	1.5350	0.07000	1.4957	0.09360	0.02355	24	0.42	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.5450	0.01000	1.4957	0.09360	0.02355	24	0.53	2%	0
019.43	Calcium, ICP, Microwave (%)	0028	1.5650	0.01000	1.4957	0.09360	0.02355	24	0.74	2%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.5800	0.04000	1.4957	0.09360	0.02355	24	0.90	3%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.6060	0.03200	1.4957	0.09360	0.02355	24	1.18	4%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.6100	0.08000	1.4957	0.09360	0.02355	24	1.22	4%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.6288	0.00210	1.4957	0.09360	0.02355	24	1.42	4%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.7600	0.02000	1.4957	0.09360	0.02355	24	2.82	9%	0
019.43	Calcium, ICP, Microwave (%)	0668	1.6250	0.15000	1.4957	0.09360	0.02355	24	1.38	4%	1

Test Material Code # 201632

Method Proficiency Testing Report

Issue Date : 01/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.44	Calcium, ICP, Dry ash (%)	2004	1.4300	0.02000				1			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	1.5900	0.15950				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.2450	0.03000				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.3340	0.04990				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.5150	0.19000				1			0
019.99	Calcium, Miscellaneous (%)	0889	1.4245	0.06300	2.1979	1.5404	0.76260	5	-0.95	3%	0
019.99	Calcium, Miscellaneous (%)	0035	1.4750	0.01000	2.1979	1.5404	0.76260	5	-0.39	1%	0
019.99	Calcium, Miscellaneous (%)	0242	1.5050	0.01000	2.1979	1.5404	0.76260	5	-0.05	0%	0
019.99	Calcium, Miscellaneous (%)	0100	1.6350	0.03000	2.1979	1.5404	0.76260	5	1.39	4%	0
019.99	Calcium, Miscellaneous (%)	2105	4.9500	3.7000	2.1979	1.5404	0.76260	5	38.31	114%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	3.7500	0.40000	4.8141	0.97589	0.29375	4	-1.09	11%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	4.3500	0.30000	4.8141	0.97589	0.29375	4	-0.48	5%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	5.1650	0.39000	4.8141	0.97589	0.29375	4	0.36	4%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0904	5.9915	0.08500	4.8141	0.97589	0.29375	4	1.21	12%	0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	4.4200	0.20000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	2.8600	0.16000				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	2.9000	0.20000				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0848	2.9300	0.00000				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	2053	3.8000	0.20000	4.0626	0.24805	0.29056	5	-1.06	3%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	3.8300	0.38000	4.0626	0.24805	0.29056	5	-0.94	3%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	4.1000	0.20000	4.0626	0.24805	0.29056	5	0.15	0%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	4.2000	0.00000	4.0626	0.24805	0.29056	5	0.55	2%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	2051	4.3832	0.67280	4.0626	0.24805	0.29056	5	1.29	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	3.7900	0.04000	4.3532	0.45966	0.15744	8	-1.23	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	4.1050	0.03000	4.3532	0.45966	0.15744	8	-0.54	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	4.1150	0.03000	4.3532	0.45966	0.15744	8	-0.52	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	4.2300	0.06000	4.3532	0.45966	0.15744	8	-0.27	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	4.3200	0.04000	4.3532	0.45966	0.15744	8	-0.07	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	4.4000	0.20000	4.3532	0.45966	0.15744	8	0.10	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	4.8230	0.26160	4.3532	0.45966	0.15744	8	1.02	5%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0032	5.2188	0.59790	4.3532	0.45966	0.15744	8	1.88	10%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	3.3600	0.00000				2			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	4.0600	0.02000				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	3.6760	0.23400				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	4.1699	0.33380				2			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	23.000	2.0000	27.620	3.1268	1.9921	12	-1.48	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	24.875	5.7500	27.620	3.1268	1.9921	12	-0.88	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	25.685	0.75000	27.620	3.1268	1.9921	12	-0.62	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	26.100	2.4000	27.620	3.1268	1.9921	12	-0.49	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	26.125	0.03550	27.620	3.1268	1.9921	12	-0.48	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	26.730	0.42000	27.620	3.1268	1.9921	12	-0.28	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	
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	27.000	2.0000	27.620	3.1268	1.9921	12	-0.20	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0884	29.050	1.5000	27.620	3.1268	1.9921	12	0.46	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	29.300	0.80000	27.620	3.1268	1.9921	12	0.54	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	30.265	2.6500	27.620	3.1268	1.9921	12	0.85	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	31.000	0.00000	27.620	3.1268	1.9921	12	1.08	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2062	32.600	5.6000	27.620	3.1268	1.9921	12	1.59	9%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	32.500	2.2000				2			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	34.215	5.9100				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0035	23.500	1.0000				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	25.865	0.61000				2			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	24.500	1.0000	26.690	1.6779	1.1658	19	-1.31	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	24.812	0.87050	26.690	1.6779	1.1658	19	-1.12	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	25.000	0.40000	26.690	1.6779	1.1658	19	-1.01	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2144	25.400	0.80000	26.690	1.6779	1.1658	19	-0.77	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	25.540	1.7200	26.690	1.6779	1.1658	19	-0.69	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0848	25.810	0.28000	26.690	1.6779	1.1658	19	-0.52	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	25.990	1.5200	26.690	1.6779	1.1658	19	-0.42	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	26.000	2.0000	26.690	1.6779	1.1658	19	-0.41	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	26.000	0.00000	26.690	1.6779	1.1658	19	-0.41	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	26.060	0.26000	26.690	1.6779	1.1658	19	-0.38	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	26.500	1.0000	26.690	1.6779	1.1658	19	-0.11	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	27.000	0.00000	26.690	1.6779	1.1658	19	0.18	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	27.270	3.8200	26.690	1.6779	1.1658	19	0.35	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	27.770	0.68000	26.690	1.6779	1.1658	19	0.64	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	28.050	0.70000	26.690	1.6779	1.1658	19	0.81	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	28.420	1.7800	26.690	1.6779	1.1658	19	1.03	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	28.630	3.0200	26.690	1.6779	1.1658	19	1.16	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	29.150	0.30000	26.690	1.6779	1.1658	19	1.47	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	31.000	2.0000	26.690	1.6779	1.1658	19	2.57	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	3.0505	0.32900	26.690	1.6779	1.1658	19	-14.09	44%	2
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0026	13.060	1.0000	27.511	2.8541	1.5789	24	-5.06	26%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	18.300	1.0000	27.511	2.8541	1.5789	24	-3.23	17%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	23.000	4.0000	27.511	2.8541	1.5789	24	-1.58	8%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2053	23.350	0.30000	27.511	2.8541	1.5789	24	-1.46	8%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	24.500	3.0000	27.511	2.8541	1.5789	24	-1.06	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	26.350	1.1000	27.511	2.8541	1.5789	24	-0.41	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	26.600	0.20000	27.511	2.8541	1.5789	24	-0.32	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	26.700	2.4000	27.511	2.8541	1.5789	24	-0.28	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	26.905	4.6700	27.511	2.8541	1.5789	24	-0.21	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	27.495	0.47000	27.511	2.8541	1.5789	24	-0.01	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	27.950	2.3000	27.511	2.8541	1.5789	24	0.15	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	28.150	2.1000	27.511	2.8541	1.5789	24	0.22	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	28.150	1.1000	27.511	2.8541	1.5789	24	0.22	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	28.175	0.25000	27.511	2.8541	1.5789	24	0.23	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	28.275	0.91000	27.511	2.8541	1.5789	24	0.27	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	28.500	1.8000	27.511	2.8541	1.5789	24	0.35	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	28.561	1.6000	27.511	2.8541	1.5789	24	0.37	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2051	28.983	1.4840	27.511	2.8541	1.5789	24	0.52	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	29.000	2.0000	27.511	2.8541	1.5789	24	0.52	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2110	29.500	1.0000	27.511	2.8541	1.5789	24	0.70	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	29.515	1.4500	27.511	2.8541	1.5789	24	0.70	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	30.340	0.12000	27.511	2.8541	1.5789	24	0.99	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	33.270	2.3400	27.511	2.8541	1.5789	24	2.02	10%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	41.650	1.3000	27.511	2.8541	1.5789	24	4.95	26%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	145.00	0.00000	27.511	2.8541	1.5789	24	41.16	214%	2
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	24.000	0.00000	26.424	1.3746	0.89252	21	-1.76	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	25.000	0.00000	26.424	1.3746	0.89252	21	-1.04	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	25.140	1.8400	26.424	1.3746	0.89252	21	-0.93	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0032	25.292	3.2318	26.424	1.3746	0.89252	21	-0.82	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	25.350	0.50000	26.424	1.3746	0.89252	21	-0.78	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2055	25.450	0.50000	26.424	1.3746	0.89252	21	-0.71	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	25.745	0.03000	26.424	1.3746	0.89252	21	-0.49	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	25.925	0.13000	26.424	1.3746	0.89252	21	-0.36	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	26.000	0.00000	26.424	1.3746	0.89252	21	-0.31	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	26.000	0.00000	26.424	1.3746	0.89252	21	-0.31	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	26.000	0.00000	26.424	1.3746	0.89252	21	-0.31	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	26.350	0.50000	26.424	1.3746	0.89252	21	-0.05	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0668	26.600	2.4000	26.424	1.3746	0.89252	21	0.13	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	26.700	0.20000	26.424	1.3746	0.89252	21	0.20	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	27.000	0.00000	26.424	1.3746	0.89252	21	0.42	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	27.300	0.20000	26.424	1.3746	0.89252	21	0.64	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	27.310	1.1400	26.424	1.3746	0.89252	21	0.64	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	28.100	0.00000	26.424	1.3746	0.89252	21	1.22	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	28.300	3.2000	26.424	1.3746	0.89252	21	1.37	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	29.354	0.87120	26.424	1.3746	0.89252	21	2.13	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	32.000	4.0000	26.424	1.3746	0.89252	21	4.06	11%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	32.500	7.0000	26.424	1.3746	0.89252	21	4.42	11%	1
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	27.750	2.5000				1			0
022.51	Copper, ICP-MS, Dry ash (mg / kg (ppm))	2146	28.481	2.2890				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0016	23.800	0.40000				2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	25.350	0.50000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	27.450	0.70000				2			0

Test Material Code # 201632

Method Proficiency Testing Report

Issue Date : 01/31/2017

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			
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2033	28.000	0.00000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	25.550	0.50000	26.734	1.1500	1.2875	4	-1.03	2%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	26.000	2.0000	26.734	1.1500	1.2875	4	-0.64	1%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	27.385	0.65000	26.734	1.1500	1.2875	4	0.57	1%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	28.000	2.0000	26.734	1.1500	1.2875	4	1.10	2%	0
024.99	Iodine, Miscellaneous (mg / kg (ppm))	0171	5.7500	0.30000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	196.50	13.000	222.19	23.152	6.5950	14	-1.11	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	198.50	3.0000	222.19	23.152	6.5950	14	-1.02	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	203.50	3.0000	222.19	23.152	6.5950	14	-0.81	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	205.00	10.000	222.19	23.152	6.5950	14	-0.74	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2062	210.85	3.5000	222.19	23.152	6.5950	14	-0.49	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	215.50	1.0000	222.19	23.152	6.5950	14	-0.29	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	216.00	2.0000	222.19	23.152	6.5950	14	-0.27	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	220.97	8.9100	222.19	23.152	6.5950	14	-0.05	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	222.00	7.2500	222.19	23.152	6.5950	14	-0.01	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	223.57	19.370	222.19	23.152	6.5950	14	0.06	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	234.50	13.000	222.19	23.152	6.5950	14	0.53	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	250.00	4.0000	222.19	23.152	6.5950	14	1.20	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0884	266.55	0.30000	222.19	23.152	6.5950	14	1.92	10%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	287.00	4.0000	222.19	23.152	6.5950	14	2.80	15%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	211.80	14.200				1			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0035	214.00	18.000				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	166.00	4.0000	213.72	9.8574	6.4271	19	-4.84	11%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	201.50	3.0000	213.72	9.8574	6.4271	19	-1.24	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	203.50	1.0000	213.72	9.8574	6.4271	19	-1.04	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	203.50	1.0000	213.72	9.8574	6.4271	19	-1.04	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	205.70	7.2000	213.72	9.8574	6.4271	19	-0.81	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	206.50	3.0000	213.72	9.8574	6.4271	19	-0.73	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	210.00	0.00000	213.72	9.8574	6.4271	19	-0.38	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	211.00	4.0000	213.72	9.8574	6.4271	19	-0.28	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	211.71	5.8500	213.72	9.8574	6.4271	19	-0.20	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	214.15	0.50000	213.72	9.8574	6.4271	19	0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	217.00	3.6842	213.72	9.8574	6.4271	19	0.33	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	218.20	0.00000	213.72	9.8574	6.4271	19	0.45	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	220.57	7.3500	213.72	9.8574	6.4271	19	0.69	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	221.00	24.000	213.72	9.8574	6.4271	19	0.74	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	221.30	10.250	213.72	9.8574	6.4271	19	0.77	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	221.90	10.000	213.72	9.8574	6.4271	19	0.83	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2144	222.75	2.6200	213.72	9.8574	6.4271	19	0.92	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	223.00	16.000	213.72	9.8574	6.4271	19	0.94	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	250.22	18.660	213.72	9.8574	6.4271	19	3.70	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	17.560	0.50000	213.72	9.8574	6.4271	19	-19.90	46%	2
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	87.755	2.1100	195.32	32.239	7.7986	20	-3.34	28%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2051	103.65	5.6210	195.32	32.239	7.7986	20	-2.84	23%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0026	141.95	10.100	195.32	32.239	7.7986	20	-1.66	14%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	157.50	15.000	195.32	32.239	7.7986	20	-1.17	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	167.50	11.000	195.32	32.239	7.7986	20	-0.86	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	176.15	6.3000	195.32	32.239	7.7986	20	-0.59	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	191.40	24.800	195.32	32.239	7.7986	20	-0.12	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	197.00	2.0000	195.32	32.239	7.7986	20	0.05	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	205.00	6.0000	195.32	32.239	7.7986	20	0.30	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	205.35	0.50000	195.32	32.239	7.7986	20	0.31	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	206.50	15.000	195.32	32.239	7.7986	20	0.35	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	207.00	2.0000	195.32	32.239	7.7986	20	0.36	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	209.00	6.0000	195.32	32.239	7.7986	20	0.42	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	209.50	9.0000	195.32	32.239	7.7986	20	0.44	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	212.52	4.2400	195.32	32.239	7.7986	20	0.53	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	213.70	0.00000	195.32	32.239	7.7986	20	0.57	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	215.35	4.7000	195.32	32.239	7.7986	20	0.62	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	222.00	2.0000	195.32	32.239	7.7986	20	0.83	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	233.60	0.60000	195.32	32.239	7.7986	20	1.19	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	236.50	29.000	195.32	32.239	7.7986	20	1.28	11%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	177.18	24.940	205.86	16.668	6.8682	21	-1.72	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	179.50	1.0000	205.86	16.668	6.8682	21	-1.58	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	182.50	3.0000	205.86	16.668	6.8682	21	-1.40	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	183.50	1.0000	205.86	16.668	6.8682	21	-1.34	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	193.50	3.0000	205.86	16.668	6.8682	21	-0.74	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	199.50	3.0000	205.86	16.668	6.8682	21	-0.38	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	201.59	9.5600	205.86	16.668	6.8682	21	-0.26	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	205.00	7.0000	205.86	16.668	6.8682	21	-0.05	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	207.00	6.2000	205.86	16.668	6.8682	21	0.07	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2033	207.50	3.0000	205.86	16.668	6.8682	21	0.10	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	209.00	0.00000	205.86	16.668	6.8682	21	0.19	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	209.30	0.00000	205.86	16.668	6.8682	21	0.21	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0668	209.50	9.0000	205.86	16.668	6.8682	21	0.22	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	211.50	7.0000	205.86	16.668	6.8682	21	0.34	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	211.95	5.2300	205.86	16.668	6.8682	21	0.37	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	214.00	4.0000	205.86	16.668	6.8682	21	0.49	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	216.10	1.2000	205.86	16.668	6.8682	21	0.61	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	220.00	6.0000	205.86	16.668	6.8682	21	0.85	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	222.05	15.056	205.86	16.668	6.8682	21	0.97	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	227.00	26.000	205.86	16.668	6.8682	21	1.27	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0032	232.23	9.0468	205.86	16.668	6.8682	21	1.58	6%	0
025.51	Iron, ICP-MS, Dry ash (mg / kg (ppm))	2146	237.89	21.290				1			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	183.30	14.130				1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	197.00	2.0000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	204.00	0.00000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.25000	0.00000	0.27840	0.01627	0.00707	14	-1.75	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.25500	0.01000	0.27840	0.01627	0.00707	14	-1.44	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.26000	0.02000	0.27840	0.01627	0.00707	14	-1.13	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.27005	0.00350	0.27840	0.01627	0.00707	14	-0.51	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.27500	0.01000	0.27840	0.01627	0.00707	14	-0.21	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.28000	0.01400	0.27840	0.01627	0.00707	14	0.10	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.28000	0.00000	0.27840	0.01627	0.00707	14	0.10	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.28200	0.00200	0.27840	0.01627	0.00707	14	0.22	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.28500	0.01000	0.27840	0.01627	0.00707	14	0.41	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.28500	0.01200	0.27840	0.01627	0.00707	14	0.41	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.28500	0.01000	0.27840	0.01627	0.00707	14	0.41	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.29000	0.00000	0.27840	0.01627	0.00707	14	0.71	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.29375	0.00750	0.27840	0.01627	0.00707	14	0.94	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.31000	0.00000	0.27840	0.01627	0.00707	14	1.94	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.30780	0.04320	0.27840	0.01627	0.00707	14	1.81	5%	1
027.32	Magnesium, AAS, Open vessel (%)	0169	0.23900	0.00400				3			0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.26705	0.00170				3			0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.29200	0.00800				3			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.26500	0.01000				3			0
027.33	Magnesium, AAS, Microwave (%)	0504	0.27850	0.00700				3			0
027.33	Magnesium, AAS, Microwave (%)	0035	0.28500	0.01000				3			0
027.41	Magnesium, ICP, Dry ash (%)	0848	0.26000	0.00000	0.28670	0.00667	0.00551	20	-4.00	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.27020	0.00680	0.28670	0.00667	0.00551	20	-2.47	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.28000	0.02000	0.28670	0.00667	0.00551	20	-1.00	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.28000	0.00000	0.28670	0.00667	0.00551	20	-1.00	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.28150	0.00100	0.28670	0.00667	0.00551	20	-0.78	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.28200	0.00200	0.28670	0.00667	0.00551	20	-0.70	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.28400	0.00000	0.28670	0.00667	0.00551	20	-0.40	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.28500	0.01000	0.28670	0.00667	0.00551	20	-0.26	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.28500	0.01000	0.28670	0.00667	0.00551	20	-0.26	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.28595	0.00330	0.28670	0.00667	0.00551	20	-0.11	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.28950	0.00500	0.28670	0.00667	0.00551	20	0.42	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.29000	0.00000	0.28670	0.00667	0.00551	20	0.49	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.29000	0.00000	0.28670	0.00667	0.00551	20	0.49	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.29000	0.00000	0.28670	0.00667	0.00551	20	0.49	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.29000	0.02000	0.28670	0.00667	0.00551	20	0.49	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.41	Magnesium, ICP, Dry ash (%)	0139	0.29150	0.00300	0.28670	0.00667	0.00551	20	0.72	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.29200	0.01600	0.28670	0.00667	0.00551	20	0.79	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.29250	0.00300	0.28670	0.00667	0.00551	20	0.87	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.29500	0.01000	0.28670	0.00667	0.00551	20	1.24	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.30000	0.00000	0.28670	0.00667	0.00551	20	1.99	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.03770	0.00020	0.28670	0.00667	0.00551	20	-37.31	43%	2
027.42	Magnesium, ICP, Open vessel (%)	0026	0.24500	0.03000	0.28737	0.02166	0.00800	21	-1.96	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.25405	0.00650	0.28737	0.02166	0.00800	21	-1.54	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2051	0.25500	0.03400	0.28737	0.02166	0.00800	21	-1.49	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.27000	0.02000	0.28737	0.02166	0.00800	21	-0.80	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.27140	0.00480	0.28737	0.02166	0.00800	21	-0.74	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.27465	0.00610	0.28737	0.02166	0.00800	21	-0.59	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.27800	0.00200	0.28737	0.02166	0.00800	21	-0.43	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.28185	0.00450	0.28737	0.02166	0.00800	21	-0.26	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.28500	0.01000	0.28737	0.02166	0.00800	21	-0.11	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.29000	0.00000	0.28737	0.02166	0.00800	21	0.12	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.29000	0.00000	0.28737	0.02166	0.00800	21	0.12	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.29000	0.00000	0.28737	0.02166	0.00800	21	0.12	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.29000	0.02000	0.28737	0.02166	0.00800	21	0.12	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.29500	0.01000	0.28737	0.02166	0.00800	21	0.35	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.30000	0.00000	0.28737	0.02166	0.00800	21	0.58	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.30145	0.00570	0.28737	0.02166	0.00800	21	0.65	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.30350	0.00300	0.28737	0.02166	0.00800	21	0.74	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.30535	0.00070	0.28737	0.02166	0.00800	21	0.83	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.31000	0.00000	0.28737	0.02166	0.00800	21	1.04	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.31500	0.01000	0.28737	0.02166	0.00800	21	1.28	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.31885	0.00070	0.28737	0.02166	0.00800	21	1.45	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.25850	0.04900	0.28737	0.02166	0.00800	21	-1.33	5%	1
027.43	Magnesium, ICP, Microwave (%)	0202	0.25000	0.00000	0.28515	0.01850	0.00786	20	-1.90	6%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.25000	0.02000	0.28515	0.01850	0.00786	20	-1.90	6%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.27000	0.00000	0.28515	0.01850	0.00786	20	-0.82	3%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.27250	0.00900	0.28515	0.01850	0.00786	20	-0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.27500	0.01000	0.28515	0.01850	0.00786	20	-0.55	2%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.27500	0.01000	0.28515	0.01850	0.00786	20	-0.55	2%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.27500	0.01000	0.28515	0.01850	0.00786	20	-0.55	2%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.27850	0.01700	0.28515	0.01850	0.00786	20	-0.36	1%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.28050	0.00100	0.28515	0.01850	0.00786	20	-0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.28500	0.01000	0.28515	0.01850	0.00786	20	-0.01	0%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.28500	0.01000	0.28515	0.01850	0.00786	20	-0.01	0%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.28600	0.00600	0.28515	0.01850	0.00786	20	0.05	0%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.28700	0.00600	0.28515	0.01850	0.00786	20	0.10	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	
027.43	Magnesium, ICP, Microwave (%)	0861	0.29000	0.00400	0.28515	0.01850	0.00786	20	0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.29500	0.02000	0.28515	0.01850	0.00786	20	0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.29500	0.01000	0.28515	0.01850	0.00786	20	0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.30000	0.00000	0.28515	0.01850	0.00786	20	0.80	3%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.31945	0.00110	0.28515	0.01850	0.00786	20	1.85	6%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.32500	0.01000	0.28515	0.01850	0.00786	20	2.15	7%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.33250	0.00300	0.28515	0.01850	0.00786	20	2.56	8%	0
027.43	Magnesium, ICP, Microwave (%)	2033	2.9850	0.15000	0.28515	0.01850	0.00786	20	145.93	473%	2
027.44	Magnesium, ICP, Dry ash (%)	2004	0.28300	0.00600				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.26500	0.00500				1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.29050	0.04100				1			0
027.99	Magnesium, Miscellaneous (%)	0242	0.26000	0.00000	0.27875	0.03425	0.00750	4	-0.58	0%	0
027.99	Magnesium, Miscellaneous (%)	0889	0.26000	0.02000	0.27875	0.03425	0.00750	4	-0.58	0%	0
027.99	Magnesium, Miscellaneous (%)	0590	0.26500	0.01000	0.27875	0.03425	0.00750	4	1.15	1%	0
027.99	Magnesium, Miscellaneous (%)	0100	0.33000	0.00000	0.27875	0.03425	0.00750	4	23.67	13%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	127.00	10.000	142.55	9.1636	4.9243	14	-1.70	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	133.13	6.7500	142.55	9.1636	4.9243	14	-1.03	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	136.10	11.200	142.55	9.1636	4.9243	14	-0.70	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2062	136.70	4.8000	142.55	9.1636	4.9243	14	-0.64	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	137.40	3.4300	142.55	9.1636	4.9243	14	-0.56	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0884	139.70	4.0000	142.55	9.1636	4.9243	14	-0.31	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	140.00	0.00000	142.55	9.1636	4.9243	14	-0.28	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	140.65	1.1000	142.55	9.1636	4.9243	14	-0.21	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	145.47	1.8799	142.55	9.1636	4.9243	14	0.32	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	147.36	0.92000	142.55	9.1636	4.9243	14	0.52	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	149.50	1.0000	142.55	9.1636	4.9243	14	0.76	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	152.50	5.0000	142.55	9.1636	4.9243	14	1.09	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	154.00	8.0000	142.55	9.1636	4.9243	14	1.25	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	154.40	10.860	142.55	9.1636	4.9243	14	1.29	4%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	139.95	8.1000				3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	144.00	10.000				3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0013	153.00	8.0000				3			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	125.25	9.4370				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	149.05	22.500				2			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	114.00	4.0000	139.93	9.2672	3.6516	19	-2.80	9%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2145	122.00	0.00000	139.93	9.2672	3.6516	19	-1.93	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	133.00	2.0000	139.93	9.2672	3.6516	19	-0.75	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2144	133.43	0.59000	139.93	9.2672	3.6516	19	-0.70	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	133.50	3.0000	139.93	9.2672	3.6516	19	-0.69	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	136.20	7.4000	139.93	9.2672	3.6516	19	-0.40	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	136.50	3.0000	139.93	9.2672	3.6516	19	-0.37	1%	0

Test Material Code # 201632

Method Proficiency Testing Report

Issue Date : 01/31/2017

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))	0049	138.21	10.560	139.93	9.2672	3.6516	19	-0.19	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	138.55	5.7000	139.93	9.2672	3.6516	19	-0.15	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	140.00	2.0000	139.93	9.2672	3.6516	19	0.01	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	140.00	4.0000	139.93	9.2672	3.6516	19	0.01	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	140.45	3.2700	139.93	9.2672	3.6516	19	0.06	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	141.20	0.20000	139.93	9.2672	3.6516	19	0.14	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	141.72	2.1595	139.93	9.2672	3.6516	19	0.19	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	144.20	0.20000	139.93	9.2672	3.6516	19	0.46	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	151.00	6.0000	139.93	9.2672	3.6516	19	1.19	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	151.00	0.00000	139.93	9.2672	3.6516	19	1.19	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	153.78	12.950	139.93	9.2672	3.6516	19	1.49	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	156.61	2.3500	139.93	9.2672	3.6516	19	1.80	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	11.780	0.40000	139.93	9.2672	3.6516	19	-13.83	46%	2
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	39.550	3.1000	143.54	13.475	5.1453	24	-7.72	36%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	89.885	19.690	143.54	13.475	5.1453	24	-3.98	19%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	116.00	2.0000	143.54	13.475	5.1453	24	-2.04	10%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	126.89	1.4900	143.54	13.475	5.1453	24	-1.24	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	133.10	12.000	143.54	13.475	5.1453	24	-0.77	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	136.00	0.00000	143.54	13.475	5.1453	24	-0.56	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	138.00	16.000	143.54	13.475	5.1453	24	-0.41	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	139.75	4.3000	143.54	13.475	5.1453	24	-0.28	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	141.50	1.0000	143.54	13.475	5.1453	24	-0.15	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	142.00	0.00000	143.54	13.475	5.1453	24	-0.11	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	143.00	2.0000	143.54	13.475	5.1453	24	-0.04	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	144.00	0.00000	143.54	13.475	5.1453	24	0.03	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	145.01	0.78000	143.54	13.475	5.1453	24	0.11	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	145.50	1.0000	143.54	13.475	5.1453	24	0.15	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	147.30	4.0000	143.54	13.475	5.1453	24	0.28	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	147.50	9.0000	143.54	13.475	5.1453	24	0.29	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	147.91	6.5920	143.54	13.475	5.1453	24	0.32	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2129	149.50	2.6000	143.54	13.475	5.1453	24	0.44	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	150.50	11.000	143.54	13.475	5.1453	24	0.52	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	150.80	5.6000	143.54	13.475	5.1453	24	0.54	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	159.10	3.2000	143.54	13.475	5.1453	24	1.15	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	160.15	0.90000	143.54	13.475	5.1453	24	1.23	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2051	177.96	13.794	143.54	13.475	5.1453	24	2.55	12%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	195.08	3.4400	143.54	13.475	5.1453	24	3.82	18%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	124.00	4.0000	141.66	4.4053	3.7024	23	-4.01	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	128.00	6.0000	141.66	4.4053	3.7024	23	-3.10	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	128.50	3.0000	141.66	4.4053	3.7024	23	-2.99	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	137.50	3.0000	141.66	4.4053	3.7024	23	-0.95	1%	0

Test Material Code # 201632

Method Proficiency Testing Report

Issue Date : 01/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	138.70	3.8000	141.66	4.4053	3.7024	23	-0.67	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	139.50	7.0000	141.66	4.4053	3.7024	23	-0.49	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	139.50	1.0000	141.66	4.4053	3.7024	23	-0.49	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	139.57	2.7400	141.66	4.4053	3.7024	23	-0.48	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	140.50	1.0000	141.66	4.4053	3.7024	23	-0.26	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	140.50	3.0000	141.66	4.4053	3.7024	23	-0.26	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	141.00	2.0000	141.66	4.4053	3.7024	23	-0.15	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	142.00	12.000	141.66	4.4053	3.7024	23	0.08	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	142.00	2.0000	141.66	4.4053	3.7024	23	0.08	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0668	142.50	11.000	141.66	4.4053	3.7024	23	0.19	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	144.12	0.55340	141.66	4.4053	3.7024	23	0.56	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	144.25	2.7000	141.66	4.4053	3.7024	23	0.59	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	144.42	2.5800	141.66	4.4053	3.7024	23	0.63	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	144.50	3.0000	141.66	4.4053	3.7024	23	0.64	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	144.88	0.00000	141.66	4.4053	3.7024	23	0.73	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	145.00	0.00000	141.66	4.4053	3.7024	23	0.76	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	146.13	3.1700	141.66	4.4053	3.7024	23	1.01	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	153.96	5.5130	141.66	4.4053	3.7024	23	2.79	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0032	155.06	6.0979	141.66	4.4053	3.7024	23	3.04	5%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	140.21	5.5800				1			0
028.51	Manganese, ICP-MS, Dry ash (mg / kg (ppm))	2146	159.30	8.1100				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	120.60	0.60000				1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	143.00	6.0000				1			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	138.10	0.20000	144.65	7.5248	5.8000	4	-0.87	2%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0035	142.50	1.0000	144.65	7.5248	5.8000	4	-0.29	1%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	142.50	11.000	144.65	7.5248	5.8000	4	-0.29	1%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	155.50	11.000	144.65	7.5248	5.8000	4	1.44	4%	0
031.01	Phosphorus, Photometric (%)	0108	0.53500	0.05000	0.61931	0.02552	0.01163	43	-3.30	7%	0
031.01	Phosphorus, Photometric (%)	0689	0.53500	0.01000	0.61931	0.02552	0.01163	43	-3.30	7%	0
031.01	Phosphorus, Photometric (%)	0035	0.54500	0.03000	0.61931	0.02552	0.01163	43	-2.91	6%	0
031.01	Phosphorus, Photometric (%)	0874	0.55975	0.00090	0.61931	0.02552	0.01163	43	-2.33	5%	0
031.01	Phosphorus, Photometric (%)	0152	0.57000	0.00000	0.61931	0.02552	0.01163	43	-1.93	4%	0
031.01	Phosphorus, Photometric (%)	0529	0.58500	0.05000	0.61931	0.02552	0.01163	43	-1.34	3%	0
031.01	Phosphorus, Photometric (%)	0651	0.59700	0.00000	0.61931	0.02552	0.01163	43	-0.87	2%	0
031.01	Phosphorus, Photometric (%)	0885	0.59905	0.00050	0.61931	0.02552	0.01163	43	-0.79	2%	0
031.01	Phosphorus, Photometric (%)	0233	0.60000	0.00000	0.61931	0.02552	0.01163	43	-0.76	2%	0
031.01	Phosphorus, Photometric (%)	0674	0.60000	0.00000	0.61931	0.02552	0.01163	43	-0.76	2%	0
031.01	Phosphorus, Photometric (%)	2009	0.60295	0.00070	0.61931	0.02552	0.01163	43	-0.64	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.60500	0.01000	0.61931	0.02552	0.01163	43	-0.56	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.60500	0.01000	0.61931	0.02552	0.01163	43	-0.56	1%	0
031.01	Phosphorus, Photometric (%)	0016	0.61000	0.00000	0.61931	0.02552	0.01163	43	-0.36	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0552	0.61000	0.04000	0.61931	0.02552	0.01163	43	-0.36	1%	0
031.01	Phosphorus, Photometric (%)	0884	0.61500	0.01000	0.61931	0.02552	0.01163	43	-0.17	0%	0
031.01	Phosphorus, Photometric (%)	2144	0.61500	0.01000	0.61931	0.02552	0.01163	43	-0.17	0%	0
031.01	Phosphorus, Photometric (%)	0038	0.61700	0.01800	0.61931	0.02552	0.01163	43	-0.09	0%	0
031.01	Phosphorus, Photometric (%)	0653	0.61700	0.00600	0.61931	0.02552	0.01163	43	-0.09	0%	0
031.01	Phosphorus, Photometric (%)	0626	0.61800	0.00400	0.61931	0.02552	0.01163	43	-0.05	0%	0
031.01	Phosphorus, Photometric (%)	0354	0.62000	0.00000	0.61931	0.02552	0.01163	43	0.03	0%	0
031.01	Phosphorus, Photometric (%)	0590	0.62000	0.00000	0.61931	0.02552	0.01163	43	0.03	0%	0
031.01	Phosphorus, Photometric (%)	0948	0.62000	0.02000	0.61931	0.02552	0.01163	43	0.03	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.62330	0.00400	0.61931	0.02552	0.01163	43	0.16	0%	0
031.01	Phosphorus, Photometric (%)	0175	0.62500	0.01000	0.61931	0.02552	0.01163	43	0.22	0%	0
031.01	Phosphorus, Photometric (%)	0687	0.62500	0.05000	0.61931	0.02552	0.01163	43	0.22	0%	0
031.01	Phosphorus, Photometric (%)	0650	0.62550	0.00500	0.61931	0.02552	0.01163	43	0.24	1%	0
031.01	Phosphorus, Photometric (%)	0849	0.62850	0.00300	0.61931	0.02552	0.01163	43	0.36	1%	0
031.01	Phosphorus, Photometric (%)	0868	0.63000	0.00000	0.61931	0.02552	0.01163	43	0.42	1%	0
031.01	Phosphorus, Photometric (%)	0904	0.63000	0.00000	0.61931	0.02552	0.01163	43	0.42	1%	0
031.01	Phosphorus, Photometric (%)	0940	0.63000	0.04000	0.61931	0.02552	0.01163	43	0.42	1%	0
031.01	Phosphorus, Photometric (%)	2109	0.63000	0.01200	0.61931	0.02552	0.01163	43	0.42	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.63100	0.01000	0.61931	0.02552	0.01163	43	0.46	1%	0
031.01	Phosphorus, Photometric (%)	2062	0.63480	0.00300	0.61931	0.02552	0.01163	43	0.61	1%	0
031.01	Phosphorus, Photometric (%)	0018	0.64200	0.01000	0.61931	0.02552	0.01163	43	0.89	2%	0
031.01	Phosphorus, Photometric (%)	0881	0.64500	0.00400	0.61931	0.02552	0.01163	43	1.01	2%	0
031.01	Phosphorus, Photometric (%)	2068	0.64500	0.01000	0.61931	0.02552	0.01163	43	1.01	2%	0
031.01	Phosphorus, Photometric (%)	0142	0.64540	0.00040	0.61931	0.02552	0.01163	43	1.02	2%	0
031.01	Phosphorus, Photometric (%)	0263	0.65080	0.00460	0.61931	0.02552	0.01163	43	1.23	3%	0
031.01	Phosphorus, Photometric (%)	0939	0.65500	0.01000	0.61931	0.02552	0.01163	43	1.40	3%	0
031.01	Phosphorus, Photometric (%)	0208	0.65800	0.01400	0.61931	0.02552	0.01163	43	1.52	3%	0
031.01	Phosphorus, Photometric (%)	0683	0.66000	0.02000	0.61931	0.02552	0.01163	43	1.59	3%	0
031.01	Phosphorus, Photometric (%)	0511	0.69000	0.02000	0.61931	0.02552	0.01163	43	2.77	6%	0
031.01	Phosphorus, Photometric (%)	0620	0.51175	0.08930	0.61931	0.02552	0.01163	43	-4.21	9%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.63000	0.00000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.64000	0.00000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.65500	0.03000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.58000	0.00000	0.61541	0.02617	0.00958	5	-1.35	3%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.60500	0.01000	0.61541	0.02617	0.00958	5	-0.40	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.61050	0.01700	0.61541	0.02617	0.00958	5	-0.19	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.63500	0.01000	0.61541	0.02617	0.00958	5	0.75	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.64655	0.01090	0.61541	0.02617	0.00958	5	1.19	3%	0
031.06	Phosphorus, Hach Method (%)	0138	0.64050	0.00500				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.40500	0.01000	0.62537	0.02327	0.00885	24	-9.47	18%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.57500	0.01000	0.62537	0.02327	0.00885	24	-2.16	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.59000	0.02000	0.62537	0.02327	0.00885	24	-1.52	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.60500	0.01000	0.62537	0.02327	0.00885	24	-0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2145	0.61000	0.00000	0.62537	0.02327	0.00885	24	-0.66	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.61250	0.00100	0.62537	0.02327	0.00885	24	-0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.61500	0.01000	0.62537	0.02327	0.00885	24	-0.45	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.61500	0.01000	0.62537	0.02327	0.00885	24	-0.45	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.61600	0.00600	0.62537	0.02327	0.00885	24	-0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.62000	0.02000	0.62537	0.02327	0.00885	24	-0.23	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.62000	0.02000	0.62537	0.02327	0.00885	24	-0.23	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.62300	0.00200	0.62537	0.02327	0.00885	24	-0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.62650	0.00900	0.62537	0.02327	0.00885	24	0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.62770	0.01400	0.62537	0.02327	0.00885	24	0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.63000	0.00000	0.62537	0.02327	0.00885	24	0.20	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.63320	0.01860	0.62537	0.02327	0.00885	24	0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.63500	0.01000	0.62537	0.02327	0.00885	24	0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.63500	0.01000	0.62537	0.02327	0.00885	24	0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.64000	0.00000	0.62537	0.02327	0.00885	24	0.63	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.65000	0.00000	0.62537	0.02327	0.00885	24	1.06	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.65320	0.00580	0.62537	0.02327	0.00885	24	1.20	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.65500	0.00600	0.62537	0.02327	0.00885	24	1.27	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.65500	0.01000	0.62537	0.02327	0.00885	24	1.27	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.66500	0.01000	0.62537	0.02327	0.00885	24	1.70	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.76000	0.04000	0.62537	0.02327	0.00885	24	5.79	11%	1
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.06190	0.00040	0.62537	0.02327	0.00885	24	-24.22	45%	2
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.54435	0.04030	0.63199	0.03606	0.01659	23	-2.43	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	2051	0.57150	0.02500	0.63199	0.03606	0.01659	23	-1.68	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.59500	0.03000	0.63199	0.03606	0.01659	23	-1.03	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	0.60275	0.01890	0.63199	0.03606	0.01659	23	-0.81	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.60385	0.00470	0.63199	0.03606	0.01659	23	-0.78	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.60550	0.00900	0.63199	0.03606	0.01659	23	-0.73	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.61050	0.02500	0.63199	0.03606	0.01659	23	-0.60	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.61680	0.00080	0.63199	0.03606	0.01659	23	-0.42	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.62500	0.03000	0.63199	0.03606	0.01659	23	-0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.62600	0.02000	0.63199	0.03606	0.01659	23	-0.17	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.62625	0.01130	0.63199	0.03606	0.01659	23	-0.16	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.62650	0.00700	0.63199	0.03606	0.01659	23	-0.15	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.62705	0.00050	0.63199	0.03606	0.01659	23	-0.14	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.63000	0.02000	0.63199	0.03606	0.01659	23	-0.06	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.63900	0.01000	0.63199	0.03606	0.01659	23	0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.64500	0.01000	0.63199	0.03606	0.01659	23	0.36	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.65550	0.01500	0.63199	0.03606	0.01659	23	0.65	2%	0

Test Material Code # 201632

Method Proficiency Testing Report

Issue Date : 01/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.66000	0.00000	0.63199	0.03606	0.01659	23	0.78	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.67000	0.00000	0.63199	0.03606	0.01659	23	1.05	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.67500	0.05000	0.63199	0.03606	0.01659	23	1.19	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.67685	0.00110	0.63199	0.03606	0.01659	23	1.24	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.68000	0.02000	0.63199	0.03606	0.01659	23	1.33	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.68335	0.03290	0.63199	0.03606	0.01659	23	1.42	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.52000	0.10000	0.63199	0.03606	0.01659	23	-3.11	9%	1
031.43	Phosphorus, ICP, Microwave (%)	0297	0.54500	0.01000	0.63147	0.04152	0.00999	24	-2.08	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.54500	0.01000	0.63147	0.04152	0.00999	24	-2.08	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.59000	0.02000	0.63147	0.04152	0.00999	24	-1.00	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.59000	0.02000	0.63147	0.04152	0.00999	24	-1.00	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.59500	0.01000	0.63147	0.04152	0.00999	24	-0.88	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.59500	0.01000	0.63147	0.04152	0.00999	24	-0.88	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.59500	0.01000	0.63147	0.04152	0.00999	24	-0.88	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.60100	0.00000	0.63147	0.04152	0.00999	24	-0.73	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.62050	0.02500	0.63147	0.04152	0.00999	24	-0.26	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.62500	0.01000	0.63147	0.04152	0.00999	24	-0.16	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.62800	0.01600	0.63147	0.04152	0.00999	24	-0.08	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.63000	0.00000	0.63147	0.04152	0.00999	24	-0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	0.64000	0.02000	0.63147	0.04152	0.00999	24	0.21	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.64250	0.00300	0.63147	0.04152	0.00999	24	0.27	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.64700	0.01000	0.63147	0.04152	0.00999	24	0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.65350	0.00700	0.63147	0.04152	0.00999	24	0.53	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.65455	0.00030	0.63147	0.04152	0.00999	24	0.56	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.65500	0.01000	0.63147	0.04152	0.00999	24	0.57	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	0.66000	0.00000	0.63147	0.04152	0.00999	24	0.69	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	0.66600	0.01800	0.63147	0.04152	0.00999	24	0.83	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.67460	0.00480	0.63147	0.04152	0.00999	24	1.04	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.67650	0.00700	0.63147	0.04152	0.00999	24	1.08	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.68400	0.00860	0.63147	0.04152	0.00999	24	1.27	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.70500	0.01000	0.63147	0.04152	0.00999	24	1.77	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.59590	0.07500	0.63147	0.04152	0.00999	24	-0.86	3%	1
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.60800	0.00600				1			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.64285	0.00590				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.57315	0.01810				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.68100	0.02600				1			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.57500	0.01000	0.61750	0.03428	0.02500	4	-1.24	3%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.60500	0.03000	0.61750	0.03428	0.02500	4	-0.36	1%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.64000	0.00000	0.61750	0.03428	0.02500	4	0.66	2%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.65000	0.06000	0.61750	0.03428	0.02500	4	0.95	3%	0
032.02	Potassium, Flame Emission (%)	0884	1.1700	0.04000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.02	Potassium, Flame Emission (%)	0504	1.2650	0.01000				3			0
032.02	Potassium, Flame Emission (%)	0881	1.2715	0.00300				3			0
032.31	Potassium, AAS, Dry ash (%)	0505	1.0750	0.05000	1.2284	0.06633	0.04223	18	-2.31	6%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.1198	0.02150	1.2284	0.06633	0.04223	18	-1.64	4%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.1550	0.11000	1.2284	0.06633	0.04223	18	-1.11	3%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.1650	0.07000	1.2284	0.06633	0.04223	18	-0.96	3%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.2050	0.03000	1.2284	0.06633	0.04223	18	-0.35	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.2149	0.00460	1.2284	0.06633	0.04223	18	-0.20	1%	0
032.31	Potassium, AAS, Dry ash (%)	0683	1.2150	0.01000	1.2284	0.06633	0.04223	18	-0.20	1%	0
032.31	Potassium, AAS, Dry ash (%)	0904	1.2200	0.06000	1.2284	0.06633	0.04223	18	-0.13	0%	0
032.31	Potassium, AAS, Dry ash (%)	0014	1.2300	0.02000	1.2284	0.06633	0.04223	18	0.02	0%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.2300	0.02000	1.2284	0.06633	0.04223	18	0.02	0%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.2300	0.02000	1.2284	0.06633	0.04223	18	0.02	0%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.2500	0.02000	1.2284	0.06633	0.04223	18	0.33	1%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.2600	0.04000	1.2284	0.06633	0.04223	18	0.48	1%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.2600	0.02000	1.2284	0.06633	0.04223	18	0.48	1%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.2650	0.01000	1.2284	0.06633	0.04223	18	0.55	1%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.3050	0.07000	1.2284	0.06633	0.04223	18	1.16	3%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.3200	0.08000	1.2284	0.06633	0.04223	18	1.38	4%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.4340	0.10400	1.2284	0.06633	0.04223	18	3.10	8%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.0150	0.01000				3			0
032.32	Potassium, AAS, Open vessel (%)	0263	1.1870	0.00960				3			0
032.32	Potassium, AAS, Open vessel (%)	0013	1.2350	0.03000				3			0
032.41	Potassium, ICP, Dry ash (%)	0619	1.1500	0.02000	1.2281	0.05082	0.02041	21	-1.54	3%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.1850	0.01000	1.2281	0.05082	0.02041	21	-0.85	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.1889	0.01570	1.2281	0.05082	0.02041	21	-0.77	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.1895	0.00100	1.2281	0.05082	0.02041	21	-0.76	2%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.1900	0.00000	1.2281	0.05082	0.02041	21	-0.75	2%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.1900	0.00000	1.2281	0.05082	0.02041	21	-0.75	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.1930	0.02600	1.2281	0.05082	0.02041	21	-0.69	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.1975	0.03500	1.2281	0.05082	0.02041	21	-0.60	1%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.2050	0.05000	1.2281	0.05082	0.02041	21	-0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.2050	0.01000	1.2281	0.05082	0.02041	21	-0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.2100	0.02000	1.2281	0.05082	0.02041	21	-0.36	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.2350	0.05000	1.2281	0.05082	0.02041	21	0.13	0%	0
032.41	Potassium, ICP, Dry ash (%)	0083	1.2360	0.00600	1.2281	0.05082	0.02041	21	0.15	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.2500	0.00000	1.2281	0.05082	0.02041	21	0.43	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.2550	0.05000	1.2281	0.05082	0.02041	21	0.53	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.2600	0.04000	1.2281	0.05082	0.02041	21	0.63	1%	0
032.41	Potassium, ICP, Dry ash (%)	0848	1.2600	0.00000	1.2281	0.05082	0.02041	21	0.63	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.2780	0.01000	1.2281	0.05082	0.02041	21	0.98	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	
032.41	Potassium, ICP, Dry ash (%)	0139	1.3025	0.02500	1.2281	0.05082	0.02041	21	1.46	3%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.3150	0.01000	1.2281	0.05082	0.02041	21	1.71	4%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.3850	0.05000	1.2281	0.05082	0.02041	21	3.09	6%	0
032.41	Potassium, ICP, Dry ash (%)	0405	0.12975	0.00230	1.2281	0.05082	0.02041	21	-21.61	45%	2
032.42	Potassium, ICP, Open vessel (%)	2051	1.1580	0.05400	1.2776	0.05660	0.02704	23	-2.11	5%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.2150	0.01000	1.2776	0.05660	0.02704	23	-1.11	2%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.2150	0.01000	1.2776	0.05660	0.02704	23	-1.11	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.2230	0.02200	1.2776	0.05660	0.02704	23	-0.96	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.2250	0.05000	1.2776	0.05660	0.02704	23	-0.93	2%	0
032.42	Potassium, ICP, Open vessel (%)	0555	1.2422	0.03570	1.2776	0.05660	0.02704	23	-0.63	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.2500	0.00000	1.2776	0.05660	0.02704	23	-0.49	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.2520	0.00200	1.2776	0.05660	0.02704	23	-0.45	1%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.2550	0.03000	1.2776	0.05660	0.02704	23	-0.40	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.2607	0.00130	1.2776	0.05660	0.02704	23	-0.30	1%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.2675	0.01300	1.2776	0.05660	0.02704	23	-0.18	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.2750	0.01000	1.2776	0.05660	0.02704	23	-0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.2750	0.07000	1.2776	0.05660	0.02704	23	-0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0613	1.2800	0.02000	1.2776	0.05660	0.02704	23	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.2850	0.05000	1.2776	0.05660	0.02704	23	0.13	0%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.2900	0.10000	1.2776	0.05660	0.02704	23	0.22	0%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.3050	0.01000	1.2776	0.05660	0.02704	23	0.48	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.3275	0.00300	1.2776	0.05660	0.02704	23	0.88	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.3300	0.02000	1.2776	0.05660	0.02704	23	0.93	2%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.3400	0.00000	1.2776	0.05660	0.02704	23	1.10	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.3545	0.01100	1.2776	0.05660	0.02704	23	1.36	3%	0
032.42	Potassium, ICP, Open vessel (%)	2110	1.4000	0.00000	1.2776	0.05660	0.02704	23	2.16	5%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.4500	0.10000	1.2776	0.05660	0.02704	23	3.05	7%	0
032.42	Potassium, ICP, Open vessel (%)	0026	0.93500	0.25000	1.2776	0.05660	0.02704	23	-6.05	13%	1
032.43	Potassium, ICP, Microwave (%)	0675	1.1300	0.02000	1.2609	0.07255	0.03076	22	-1.80	5%	0
032.43	Potassium, ICP, Microwave (%)	0043	1.1350	0.01000	1.2609	0.07255	0.03076	22	-1.74	5%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.1350	0.01000	1.2609	0.07255	0.03076	22	-1.74	5%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.1600	0.04000	1.2609	0.07255	0.03076	22	-1.39	4%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.2150	0.07000	1.2609	0.07255	0.03076	22	-0.63	2%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.2350	0.03000	1.2609	0.07255	0.03076	22	-0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.2400	0.02000	1.2609	0.07255	0.03076	22	-0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0032	1.2480	0.07610	1.2609	0.07255	0.03076	22	-0.18	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.2500	0.00000	1.2609	0.07255	0.03076	22	-0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.2560	0.01400	1.2609	0.07255	0.03076	22	-0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.2562	0.03540	1.2609	0.07255	0.03076	22	-0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0668	1.2700	0.04000	1.2609	0.07255	0.03076	22	0.13	0%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.2750	0.01000	1.2609	0.07255	0.03076	22	0.19	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0098	1.2850	0.07000	1.2609	0.07255	0.03076	22	0.33	1%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.3015	0.03900	1.2609	0.07255	0.03076	22	0.56	2%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.3050	0.01000	1.2609	0.07255	0.03076	22	0.61	2%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.3055	0.00100	1.2609	0.07255	0.03076	22	0.61	2%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.3150	0.01000	1.2609	0.07255	0.03076	22	0.75	2%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.3250	0.11000	1.2609	0.07255	0.03076	22	0.88	3%	0
032.43	Potassium, ICP, Microwave (%)	0028	1.3300	0.00000	1.2609	0.07255	0.03076	22	0.95	3%	0
032.43	Potassium, ICP, Microwave (%)	0034	1.3423	0.05130	1.2609	0.07255	0.03076	22	1.12	3%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.3950	0.01000	1.2609	0.07255	0.03076	22	1.85	5%	0
032.43	Potassium, ICP, Microwave (%)	0861	0.11750	0.00700	1.2609	0.07255	0.03076	22	-15.76	45%	2
032.44	Potassium, ICP, Dry ash (%)	2004	1.2300	0.02000				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.1773	0.02010				1			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.3450	0.23000				1			0
032.99	Potassium, Miscellaneous (%)	0889	1.0750	0.05000	1.2102	0.09325	0.04567	6	-1.45	6%	0
032.99	Potassium, Miscellaneous (%)	0590	1.1400	0.12000	1.2102	0.09325	0.04567	6	-0.75	3%	0
032.99	Potassium, Miscellaneous (%)	0242	1.2550	0.01000	1.2102	0.09325	0.04567	6	0.48	2%	0
032.99	Potassium, Miscellaneous (%)	0100	1.2600	0.02000	1.2102	0.09325	0.04567	6	0.53	2%	0
032.99	Potassium, Miscellaneous (%)	0035	1.2650	0.07000	1.2102	0.09325	0.04567	6	0.59	2%	0
032.99	Potassium, Miscellaneous (%)	0001	1.2660	0.00400	1.2102	0.09325	0.04567	6	0.60	2%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.1775	0.00900	1.7139	0.06384	0.02670	22	-8.40	16%	0
033.00	Salt as chloride, Sol Cl (%)	0298	1.5400	0.02000	1.7139	0.06384	0.02670	22	-2.72	5%	0
033.00	Salt as chloride, Sol Cl (%)	0675	1.5900	0.02000	1.7139	0.06384	0.02670	22	-1.94	4%	0
033.00	Salt as chloride, Sol Cl (%)	0881	1.6420	0.01000	1.7139	0.06384	0.02670	22	-1.13	2%	0
033.00	Salt as chloride, Sol Cl (%)	0674	1.6700	0.00000	1.7139	0.06384	0.02670	22	-0.69	1%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.6839	0.00610	1.7139	0.06384	0.02670	22	-0.47	1%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.6850	0.03000	1.7139	0.06384	0.02670	22	-0.45	1%	0
033.00	Salt as chloride, Sol Cl (%)	2145	1.6900	0.02000	1.7139	0.06384	0.02670	22	-0.37	1%	0
033.00	Salt as chloride, Sol Cl (%)	2068	1.7000	0.00000	1.7139	0.06384	0.02670	22	-0.22	0%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.7150	0.11000	1.7139	0.06384	0.02670	22	0.02	0%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.7150	0.01000	1.7139	0.06384	0.02670	22	0.02	0%	0
033.00	Salt as chloride, Sol Cl (%)	0504	1.7200	0.04000	1.7139	0.06384	0.02670	22	0.10	0%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.7250	0.01000	1.7139	0.06384	0.02670	22	0.17	0%	0
033.00	Salt as chloride, Sol Cl (%)	0169	1.7400	0.02000	1.7139	0.06384	0.02670	22	0.41	1%	0
033.00	Salt as chloride, Sol Cl (%)	0885	1.7488	0.00650	1.7139	0.06384	0.02670	22	0.55	1%	0
033.00	Salt as chloride, Sol Cl (%)	2062	1.7534	0.00140	1.7139	0.06384	0.02670	22	0.62	1%	0
033.00	Salt as chloride, Sol Cl (%)	0897	1.7550	0.01000	1.7139	0.06384	0.02670	22	0.64	1%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.7650	0.03000	1.7139	0.06384	0.02670	22	0.80	1%	0
033.00	Salt as chloride, Sol Cl (%)	0921	1.7700	0.08000	1.7139	0.06384	0.02670	22	0.88	2%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.7783	0.00440	1.7139	0.06384	0.02670	22	1.01	2%	0
033.00	Salt as chloride, Sol Cl (%)	0366	1.7850	0.11000	1.7139	0.06384	0.02670	22	1.11	2%	0
033.00	Salt as chloride, Sol Cl (%)	2146	1.8800	0.04000	1.7139	0.06384	0.02670	22	2.60	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	
033.01	Salt as chloride, Poten Cl (%)	0619	1.5000	0.02000	1.7895	0.03687	0.01805	28	-7.85	8%	0
033.01	Salt as chloride, Poten Cl (%)	2109	1.5745	0.04500	1.7895	0.03687	0.01805	28	-5.83	6%	0
033.01	Salt as chloride, Poten Cl (%)	0964	1.6975	0.00300	1.7895	0.03687	0.01805	28	-2.49	3%	0
033.01	Salt as chloride, Poten Cl (%)	0003	1.7500	0.10000	1.7895	0.03687	0.01805	28	-1.07	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.7550	0.01000	1.7895	0.03687	0.01805	28	-0.94	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.7600	0.02000	1.7895	0.03687	0.01805	28	-0.80	1%	0
033.01	Salt as chloride, Poten Cl (%)	0861	1.7600	0.04000	1.7895	0.03687	0.01805	28	-0.80	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.7690	0.00400	1.7895	0.03687	0.01805	28	-0.56	1%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.7700	0.02000	1.7895	0.03687	0.01805	28	-0.53	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.7750	0.01000	1.7895	0.03687	0.01805	28	-0.39	0%	0
033.01	Salt as chloride, Poten Cl (%)	0425	1.7750	0.01000	1.7895	0.03687	0.01805	28	-0.39	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.7800	0.00000	1.7895	0.03687	0.01805	28	-0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.7850	0.03000	1.7895	0.03687	0.01805	28	-0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.7900	0.02000	1.7895	0.03687	0.01805	28	0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.7990	0.00200	1.7895	0.03687	0.01805	28	0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	1.8000	0.00000	1.7895	0.03687	0.01805	28	0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.8000	0.00000	1.7895	0.03687	0.01805	28	0.29	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.8050	0.01000	1.7895	0.03687	0.01805	28	0.42	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.8050	0.01000	1.7895	0.03687	0.01805	28	0.42	0%	0
033.01	Salt as chloride, Poten Cl (%)	0629	1.8100	0.00000	1.7895	0.03687	0.01805	28	0.56	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.8100	0.02000	1.7895	0.03687	0.01805	28	0.56	1%	0
033.01	Salt as chloride, Poten Cl (%)	0644	1.8162	0.05510	1.7895	0.03687	0.01805	28	0.72	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.8200	0.02000	1.7895	0.03687	0.01805	28	0.83	1%	0
033.01	Salt as chloride, Poten Cl (%)	2144	1.8200	0.02000	1.7895	0.03687	0.01805	28	0.83	1%	0
033.01	Salt as chloride, Poten Cl (%)	0650	1.8250	0.01000	1.7895	0.03687	0.01805	28	0.96	1%	0
033.01	Salt as chloride, Poten Cl (%)	0874	1.8392	0.01640	1.7895	0.03687	0.01805	28	1.35	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	1.8400	0.00000	1.7895	0.03687	0.01805	28	1.37	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.8850	0.01000	1.7895	0.03687	0.01805	28	2.59	3%	0
033.01	Salt as chloride, Poten Cl (%)	0868	38.880	74.240	1.7895	0.03687	0.01805	28	1005.96	1036%	2
033.03	Salt as chloride, Quantab (%)	0529	1.4800	0.00000	1.8458	0.47170	0.04167	6	-0.78	10%	0
033.03	Salt as chloride, Quantab (%)	0726	1.5800	0.16000	1.8458	0.47170	0.04167	6	-0.56	7%	0
033.03	Salt as chloride, Quantab (%)	0505	1.6000	0.08000	1.8458	0.47170	0.04167	6	-0.52	7%	0
033.03	Salt as chloride, Quantab (%)	0144	1.6600	0.00000	1.8458	0.47170	0.04167	6	-0.39	5%	0
033.03	Salt as chloride, Quantab (%)	0190	2.3650	0.01000	1.8458	0.47170	0.04167	6	1.10	14%	0
033.03	Salt as chloride, Quantab (%)	0265	2.3900	0.00000	1.8458	0.47170	0.04167	6	1.15	15%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	1.7050	0.03000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.8000	0.00000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2129	2.0400	0.60000				3			0
033.99	Salt, Miscellaneous (%)	0358	0.95000	0.06000	1.6995	0.23313	0.02506	7	-3.22	22%	0
033.99	Salt, Miscellaneous (%)	0613	1.5169	0.01540	1.6995	0.23313	0.02506	7	-0.78	5%	0
033.99	Salt, Miscellaneous (%)	0910	1.6550	0.03000	1.6995	0.23313	0.02506	7	-0.19	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.99	Salt, Miscellaneous (%)	2073	1.7950	0.01000	1.6995	0.23313	0.02506	7	0.41	3%	0
033.99	Salt, Miscellaneous (%)	0208	1.8200	0.04000	1.6995	0.23313	0.02506	7	0.52	4%	0
033.99	Salt, Miscellaneous (%)	0939	1.8200	0.02000	1.6995	0.23313	0.02506	7	0.52	4%	0
033.99	Salt, Miscellaneous (%)	0682	1.9400	0.00000	1.6995	0.23313	0.02506	7	1.03	7%	0
033.99	Salt, Miscellaneous (%)	0552	1.7000	0.20000	1.6995	0.23313	0.02506	7	0.00	0%	1
034.01	Selenium, Fluor (mg / kg (ppm))	0038	1.6900	0.16000				2			0
034.01	Selenium, Fluor (mg / kg (ppm))	0098	1.7800	0.12000				2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	0.59000	0.08000	1.4250	0.30679	0.05143	7	-2.72	29%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	1.1300	0.00000	1.4250	0.30679	0.05143	7	-0.96	10%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	1.4500	0.10000	1.4250	0.30679	0.05143	7	0.08	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	2053	1.5500	0.02000	1.4250	0.30679	0.05143	7	0.41	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	1.5900	0.04000	1.4250	0.30679	0.05143	7	0.54	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	1.6400	0.04000	1.4250	0.30679	0.05143	7	0.70	8%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	1.6500	0.08000	1.4250	0.30679	0.05143	7	0.73	8%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	1.4100	0.10000				2			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0512	1.4820	0.09200				2			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	1.7500	0.30000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	1.1000	0.04000				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	1.6848	0.05200				2			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	1.5000	0.04000	1.7550	0.30021	0.05400	5	-0.85	7%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.5500	0.14000	1.7550	0.30021	0.05400	5	-0.68	6%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0560	1.6750	0.01000	1.7550	0.30021	0.05400	5	-0.27	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	1.8000	0.02000	1.7550	0.30021	0.05400	5	0.15	1%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0016	2.2500	0.06000	1.7550	0.30021	0.05400	5	1.65	14%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	1.2350	0.27000				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	1.9284	0.08370				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	2.8475	0.33100				3			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	1.5850	0.17000				2			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	3.7000	0.20000				2			0
035.01	Sodium, Ion-selective electrode (%)	0881	0.36950	0.00300	0.41163	0.04535	0.00575	4	-0.93	5%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.38400	0.01000	0.41163	0.04535	0.00575	4	-0.61	3%	0
035.01	Sodium, Ion-selective electrode (%)	2006	0.42200	0.00400	0.41163	0.04535	0.00575	4	0.23	1%	0
035.01	Sodium, Ion-selective electrode (%)	2109	0.47100	0.00600	0.41163	0.04535	0.00575	4	1.31	7%	0
035.02	Sodium, Em Spect (%)	0884	0.37000	0.00000				1			0
035.05	Sodium, Flame Emission (%)	0504	0.38500	0.01000				3			0
035.05	Sodium, Flame Emission (%)	0152	0.39500	0.01000				3			0
035.05	Sodium, Flame Emission (%)	0108	0.40500	0.01000				3			0
035.31	Sodium, AAS, Dry ash (%)	0650	0.33200	0.03000	0.36812	0.01616	0.01235	17	-2.24	5%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.35150	0.00700	0.36812	0.01616	0.01235	17	-1.03	2%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.35315	0.02350	0.36812	0.01616	0.01235	17	-0.93	2%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.35500	0.01000	0.36812	0.01616	0.01235	17	-0.81	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 (%)	0233	0.36000	0.00000	0.36812	0.01616	0.01235	17	-0.50	1%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.36000	0.02000	0.36812	0.01616	0.01235	17	-0.50	1%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.36000	0.02000	0.36812	0.01616	0.01235	17	-0.50	1%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.36220	0.00040	0.36812	0.01616	0.01235	17	-0.37	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.36500	0.01000	0.36812	0.01616	0.01235	17	-0.19	0%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.37000	0.00000	0.36812	0.01616	0.01235	17	0.12	0%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.37500	0.01000	0.36812	0.01616	0.01235	17	0.43	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.37650	0.00300	0.36812	0.01616	0.01235	17	0.52	1%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.37700	0.03800	0.36812	0.01616	0.01235	17	0.55	1%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.38000	0.00000	0.36812	0.01616	0.01235	17	0.74	2%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.38650	0.02100	0.36812	0.01616	0.01235	17	1.14	2%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.39000	0.00000	0.36812	0.01616	0.01235	17	1.35	3%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.43550	0.01700	0.36812	0.01616	0.01235	17	4.17	9%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.30900	0.00000				2			0
035.32	Sodium, AAS, Open vessel (%)	0263	0.37310	0.00020				2			0
035.41	Sodium, ICP, Dry ash (%)	0089	0.34000	0.00000	0.36676	0.01794	0.00816	22	-1.49	4%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.34000	0.00000	0.36676	0.01794	0.00816	22	-1.49	4%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.34880	0.00760	0.36676	0.01794	0.00816	22	-1.00	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.35050	0.00300	0.36676	0.01794	0.00816	22	-0.91	2%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.35500	0.01000	0.36676	0.01794	0.00816	22	-0.66	2%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.35715	0.00790	0.36676	0.01794	0.00816	22	-0.54	1%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.36000	0.02000	0.36676	0.01794	0.00816	22	-0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.36000	0.02000	0.36676	0.01794	0.00816	22	-0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.36000	0.00000	0.36676	0.01794	0.00816	22	-0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.36500	0.01000	0.36676	0.01794	0.00816	22	-0.10	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.36500	0.00000	0.36676	0.01794	0.00816	22	-0.10	0%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.36500	0.01000	0.36676	0.01794	0.00816	22	-0.10	0%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.36650	0.00100	0.36676	0.01794	0.00816	22	-0.01	0%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.36750	0.00900	0.36676	0.01794	0.00816	22	0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.37200	0.00200	0.36676	0.01794	0.00816	22	0.29	1%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.37350	0.00300	0.36676	0.01794	0.00816	22	0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.37500	0.03000	0.36676	0.01794	0.00816	22	0.46	1%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.38050	0.01500	0.36676	0.01794	0.00816	22	0.77	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.39000	0.00000	0.36676	0.01794	0.00816	22	1.30	3%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.39000	0.00000	0.36676	0.01794	0.00816	22	1.30	3%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.42000	0.01000	0.36676	0.01794	0.00816	22	2.97	7%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.43050	0.02100	0.36676	0.01794	0.00816	22	3.55	9%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.03750	0.00040	0.36676	0.01794	0.00816	22	-18.36	45%	2
035.42	Sodium, ICP, Open vessel (%)	0366	0.33000	0.02000	0.37692	0.02319	0.01141	19	-2.02	6%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.34700	0.00000	0.37692	0.02319	0.01141	19	-1.29	4%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.35500	0.01000	0.37692	0.02319	0.01141	19	-0.95	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.42	Sodium, ICP, Open vessel (%)	2051	0.35550	0.00900	0.37692	0.02319	0.01141	19	-0.92	3%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.36250	0.00300	0.37692	0.02319	0.01141	19	-0.62	2%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.36370	0.01360	0.37692	0.02319	0.01141	19	-0.57	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.36500	0.00600	0.37692	0.02319	0.01141	19	-0.51	2%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.36815	0.00570	0.37692	0.02319	0.01141	19	-0.38	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.37200	0.01600	0.37692	0.02319	0.01141	19	-0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.37340	0.01320	0.37692	0.02319	0.01141	19	-0.15	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.38500	0.01000	0.37692	0.02319	0.01141	19	0.35	1%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.38500	0.01000	0.37692	0.02319	0.01141	19	0.35	1%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.38545	0.00270	0.37692	0.02319	0.01141	19	0.37	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.39395	0.02650	0.37692	0.02319	0.01141	19	0.73	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.39500	0.01000	0.37692	0.02319	0.01141	19	0.78	2%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.39500	0.01000	0.37692	0.02319	0.01141	19	0.78	2%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.39500	0.03000	0.37692	0.02319	0.01141	19	0.78	2%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.41095	0.00110	0.37692	0.02319	0.01141	19	1.47	5%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.42000	0.02000	0.37692	0.02319	0.01141	19	1.86	6%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.32500	0.05400	0.37692	0.02319	0.01141	19	-2.24	7%	1
035.43	Sodium, ICP, Microwave (%)	0297	0.33000	0.04000	0.36331	0.02414	0.01300	20	-1.38	5%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.33000	0.00000	0.36331	0.02414	0.01300	20	-1.38	5%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.33500	0.03000	0.36331	0.02414	0.01300	20	-1.17	4%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.33500	0.00000	0.36331	0.02414	0.01300	20	-1.17	4%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.33700	0.00000	0.36331	0.02414	0.01300	20	-1.09	4%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.34500	0.01000	0.36331	0.02414	0.01300	20	-0.76	3%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.36100	0.01000	0.36331	0.02414	0.01300	20	-0.10	0%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.36200	0.00200	0.36331	0.02414	0.01300	20	-0.05	0%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.36500	0.01000	0.36331	0.02414	0.01300	20	0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.37000	0.00000	0.36331	0.02414	0.01300	20	0.28	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.37200	0.00200	0.36331	0.02414	0.01300	20	0.36	1%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.37250	0.00100	0.36331	0.02414	0.01300	20	0.38	1%	0
035.43	Sodium, ICP, Microwave (%)	0032	0.37305	0.03450	0.36331	0.02414	0.01300	20	0.40	1%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.37365	0.02510	0.36331	0.02414	0.01300	20	0.43	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.37500	0.03000	0.36331	0.02414	0.01300	20	0.48	2%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.37500	0.01000	0.36331	0.02414	0.01300	20	0.48	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.37500	0.01000	0.36331	0.02414	0.01300	20	0.48	2%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.38100	0.02000	0.36331	0.02414	0.01300	20	0.73	2%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.41000	0.02000	0.36331	0.02414	0.01300	20	1.93	6%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.42555	0.00530	0.36331	0.02414	0.01300	20	2.58	9%	0
035.43	Sodium, ICP, Microwave (%)	2033	3.8950	0.13000	0.36331	0.02414	0.01300	20	146.28	486%	2
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.34930	0.00340				1			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.38000	0.03600				1			0
035.99	Sodium, Miscellaneous (%)	2105	0.24500	0.01000	0.34500	0.05863	0.00600	5	-1.71	14%	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	
035.99	Sodium, Miscellaneous (%)	0035	0.35500	0.01000	0.34500	0.05863	0.00600	5	0.17	1%	0
035.99	Sodium, Miscellaneous (%)	0590	0.36000	0.00000	0.34500	0.05863	0.00600	5	0.26	2%	0
035.99	Sodium, Miscellaneous (%)	0242	0.36500	0.01000	0.34500	0.05863	0.00600	5	0.34	3%	0
035.99	Sodium, Miscellaneous (%)	0100	0.40000	0.00000	0.34500	0.05863	0.00600	5	0.94	8%	0
035.99	Sodium, Miscellaneous (%)	0889	0.47500	0.07000	0.34500	0.05863	0.00600	5	2.22	19%	1
036.00	Sulfur, Gravimetric (%)	0038	0.28250	0.00900				1			0
036.04	Sulfur, LECO (%)	0610	0.27000	0.00000	0.27625	0.00479	0.00750	4	-1.31	1%	0
036.04	Sulfur, LECO (%)	0226	0.27500	0.01000	0.27625	0.00479	0.00750	4	-0.26	0%	0
036.04	Sulfur, LECO (%)	0098	0.28000	0.00000	0.27625	0.00479	0.00750	4	0.78	1%	0
036.04	Sulfur, LECO (%)	0229	0.28000	0.02000	0.27625	0.00479	0.00750	4	0.78	1%	0
036.42	Sulfur, ICP, Open vessel (%)	2051	0.22500	0.01400	0.28523	0.02181	0.01112	22	-2.76	11%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.23500	0.00600	0.28523	0.02181	0.01112	22	-2.30	9%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.25500	0.01000	0.28523	0.02181	0.01112	22	-1.39	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.26500	0.01000	0.28523	0.02181	0.01112	22	-0.93	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.26950	0.01100	0.28523	0.02181	0.01112	22	-0.72	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.27025	0.00090	0.28523	0.02181	0.01112	22	-0.69	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.27355	0.01310	0.28523	0.02181	0.01112	22	-0.54	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.28225	0.00350	0.28523	0.02181	0.01112	22	-0.14	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.28350	0.01300	0.28523	0.02181	0.01112	22	-0.08	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.28500	0.03000	0.28523	0.02181	0.01112	22	-0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.28550	0.00500	0.28523	0.02181	0.01112	22	0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.28635	0.01470	0.28523	0.02181	0.01112	22	0.05	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.28970	0.00500	0.28523	0.02181	0.01112	22	0.20	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.29000	0.02000	0.28523	0.02181	0.01112	22	0.22	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.29000	0.02000	0.28523	0.02181	0.01112	22	0.22	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.29440	0.00160	0.28523	0.02181	0.01112	22	0.42	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.29605	0.00070	0.28523	0.02181	0.01112	22	0.50	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.30500	0.03000	0.28523	0.02181	0.01112	22	0.91	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.30500	0.01000	0.28523	0.02181	0.01112	22	0.91	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.31000	0.00000	0.28523	0.02181	0.01112	22	1.14	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.31605	0.00610	0.28523	0.02181	0.01112	22	1.41	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.34000	0.02000	0.28523	0.02181	0.01112	22	2.51	10%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.24000	0.00000	0.28720	0.02270	0.00548	15	-2.08	8%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.25000	0.00000	0.28720	0.02270	0.00548	15	-1.64	6%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.26700	0.00000	0.28720	0.02270	0.00548	15	-0.89	4%	0
036.43	Sulfur, ICP, Microwave (%)	0668	0.27300	0.01400	0.28720	0.02270	0.00548	15	-0.63	2%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.27800	0.00200	0.28720	0.02270	0.00548	15	-0.41	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.28000	0.00000	0.28720	0.02270	0.00548	15	-0.32	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.28600	0.00200	0.28720	0.02270	0.00548	15	-0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.29000	0.00200	0.28720	0.02270	0.00548	15	0.12	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.29180	0.01380	0.28720	0.02270	0.00548	15	0.20	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	
036.43	Sulfur, ICP, Microwave (%)	0964	0.29570	0.00500	0.28720	0.02270	0.00548	15	0.37	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.30000	0.00000	0.28720	0.02270	0.00548	15	0.56	2%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.30400	0.00340	0.28720	0.02270	0.00548	15	0.74	3%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.30500	0.01000	0.28720	0.02270	0.00548	15	0.78	3%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.31000	0.02000	0.28720	0.02270	0.00548	15	1.00	4%	0
036.43	Sulfur, ICP, Microwave (%)	2033	0.32500	0.01000	0.28720	0.02270	0.00548	15	1.67	7%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.26380	0.02380				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.29000	0.00000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.31000	0.02000				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2062	223.45	4.3000	250.72	21.016	8.0149	15	-1.30	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	227.90	4.4000	250.72	21.016	8.0149	15	-1.09	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	228.00	31.400	250.72	21.016	8.0149	15	-1.08	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	233.40	4.4000	250.72	21.016	8.0149	15	-0.82	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	239.75	2.0000	250.72	21.016	8.0149	15	-0.52	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	241.86	6.2900	250.72	21.016	8.0149	15	-0.42	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	242.50	2.8100	250.72	21.016	8.0149	15	-0.39	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	250.50	1.0000	250.72	21.016	8.0149	15	-0.01	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	250.86	0.29280	250.72	21.016	8.0149	15	0.01	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	263.50	5.0000	250.72	21.016	8.0149	15	0.61	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	265.00	10.000	250.72	21.016	8.0149	15	0.68	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	271.00	8.0000	250.72	21.016	8.0149	15	0.97	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	272.21	18.230	250.72	21.016	8.0149	15	1.02	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	275.00	6.0000	250.72	21.016	8.0149	15	1.16	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0884	275.85	16.100	250.72	21.016	8.0149	15	1.20	5%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	246.50	5.0000				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0013	257.00	8.0000				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	270.90	15.400				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	256.95	28.100				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	265.00	10.000				2			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	21.655	1.4500	253.77	12.413	5.0157	19	-18.70	46%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	227.52	0.25000	253.77	12.413	5.0157	19	-2.11	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2144	237.54	3.6100	253.77	12.413	5.0157	19	-1.31	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	245.00	2.0000	253.77	12.413	5.0157	19	-0.71	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	247.50	1.0000	253.77	12.413	5.0157	19	-0.50	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	247.55	0.70000	253.77	12.413	5.0157	19	-0.50	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	248.50	5.0000	253.77	12.413	5.0157	19	-0.42	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	252.60	0.60000	253.77	12.413	5.0157	19	-0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	252.82	10.920	253.77	12.413	5.0157	19	-0.08	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	253.13	3.0781	253.77	12.413	5.0157	19	-0.05	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	255.50	9.0000	253.77	12.413	5.0157	19	0.14	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	257.13	11.580	253.77	12.413	5.0157	19	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	
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	259.00	6.0000	253.77	12.413	5.0157	19	0.42	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	261.65	0.50000	253.77	12.413	5.0157	19	0.63	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	263.00	16.000	253.77	12.413	5.0157	19	0.74	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	263.65	2.7000	253.77	12.413	5.0157	19	0.80	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	263.84	10.910	253.77	12.413	5.0157	19	0.81	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	270.50	9.0000	253.77	12.413	5.0157	19	1.35	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	274.50	1.0000	253.77	12.413	5.0157	19	1.67	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	392.72	42.250	253.77	12.413	5.0157	19	11.19	27%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	164.15	0.70000	249.14	24.257	8.2993	22	-3.50	17%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2051	202.01	1.3540	249.14	24.257	8.2993	22	-1.94	9%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	215.38	0.04000	249.14	24.257	8.2993	22	-1.39	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2110	225.00	10.000	249.14	24.257	8.2993	22	-1.00	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	227.00	8.0000	249.14	24.257	8.2993	22	-0.91	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	227.00	4.0000	249.14	24.257	8.2993	22	-0.91	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	239.15	0.70000	249.14	24.257	8.2993	22	-0.41	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	245.45	4.1000	249.14	24.257	8.2993	22	-0.15	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	247.50	37.000	249.14	24.257	8.2993	22	-0.07	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	247.50	27.000	249.14	24.257	8.2993	22	-0.07	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	250.50	13.000	249.14	24.257	8.2993	22	0.06	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	252.81	2.6200	249.14	24.257	8.2993	22	0.15	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	258.50	3.0000	249.14	24.257	8.2993	22	0.39	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	260.00	14.000	249.14	24.257	8.2993	22	0.45	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	260.24	7.2800	249.14	24.257	8.2993	22	0.46	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	260.50	17.000	249.14	24.257	8.2993	22	0.47	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	264.50	0.99100	249.14	24.257	8.2993	22	0.63	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	270.90	0.20000	249.14	24.257	8.2993	22	0.90	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	271.90	10.800	249.14	24.257	8.2993	22	0.94	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	272.00	10.000	249.14	24.257	8.2993	22	0.94	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	276.00	10.000	249.14	24.257	8.2993	22	1.11	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	283.70	0.80000	249.14	24.257	8.2993	22	1.42	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	271.75	57.300	249.14	24.257	8.2993	22	0.93	5%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	207.00	0.00000	257.61	15.775	7.2041	22	-3.21	10%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	234.50	11.000	257.61	15.775	7.2041	22	-1.46	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	236.50	3.0000	257.61	15.775	7.2041	22	-1.34	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	241.00	2.0000	257.61	15.775	7.2041	22	-1.05	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	248.81	2.0500	257.61	15.775	7.2041	22	-0.56	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0668	250.50	5.0000	257.61	15.775	7.2041	22	-0.45	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	252.00	2.0000	257.61	15.775	7.2041	22	-0.36	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	252.81	5.8000	257.61	15.775	7.2041	22	-0.30	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	255.00	6.0000	257.61	15.775	7.2041	22	-0.17	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	256.00	4.0000	257.61	15.775	7.2041	22	-0.10	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	256.65	2.6900	257.61	15.775	7.2041	22	-0.06	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	258.95	28.700	257.61	15.775	7.2041	22	0.09	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0032	259.03	16.854	257.61	15.775	7.2041	22	0.09	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	259.50	3.0000	257.61	15.775	7.2041	22	0.12	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	260.78	0.00000	257.61	15.775	7.2041	22	0.20	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	263.15	13.500	257.61	15.775	7.2041	22	0.35	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	266.69	5.3732	257.61	15.775	7.2041	22	0.58	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	267.00	2.0000	257.61	15.775	7.2041	22	0.60	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	271.50	9.0000	257.61	15.775	7.2041	22	0.88	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	280.50	1.0000	257.61	15.775	7.2041	22	1.45	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	287.00	16.000	257.61	15.775	7.2041	22	1.86	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	288.01	19.523	257.61	15.775	7.2041	22	1.93	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	256.00	50.000	257.61	15.775	7.2041	22	-0.10	0%	1
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	255.82	3.6400				1			0
037.51	Zinc, ICP-MS, Dry ash (mg / kg (ppm))	2146	253.18	15.404				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	222.30	1.0000				1			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	272.50	15.000				1			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	233.50	9.0000	255.37	22.158	7.8200	5	-0.99	4%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	237.85	1.1000	255.37	22.158	7.8200	5	-0.79	3%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	252.00	4.0000	255.37	22.158	7.8200	5	-0.15	1%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	265.50	11.000	255.37	22.158	7.8200	5	0.46	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0035	288.00	14.000	255.37	22.158	7.8200	5	1.47	6%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	2.9000	0.60000				2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	3.5550	0.09000				2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	3.2450	0.03000	3.7950	0.47288	0.17500	4	-1.16	7%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	3.6000	0.20000	3.7950	0.47288	0.17500	4	-0.41	3%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	4.0050	0.11000	3.7950	0.47288	0.17500	4	0.44	3%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	4.3300	0.36000	3.7950	0.47288	0.17500	4	1.13	7%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	3.2300	0.04000	3.6721	0.17676	0.14688	8	-2.50	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	3.5750	0.19000	3.6721	0.17676	0.14688	8	-0.55	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	3.6150	0.25000	3.6721	0.17676	0.14688	8	-0.32	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	3.6365	0.06020	3.6721	0.17676	0.14688	8	-0.20	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	3.7000	0.00000	3.6721	0.17676	0.14688	8	0.16	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	3.7000	0.00000	3.6721	0.17676	0.14688	8	0.16	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	3.8063	0.23690	3.6721	0.17676	0.14688	8	0.76	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0032	4.4159	0.39790	3.6721	0.17676	0.14688	8	4.21	10%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	3.3200	0.38000				1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	3.1960	0.04200				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	3.8502	0.16890				2			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	10.450	0.30000				1			0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	2055	9.2000	0.80000				1			0

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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			
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	9.9556	0.16660				1			0
042.00	Chloride, Titrimetric (%)	0297	1.0800	0.00000				2			0
042.00	Chloride, Titrimetric (%)	0948	1.0950	0.01000				2			0
042.02	Chloride, Ion Chromatography (%)	0413	1.6600	0.14000				1			0
042.99	Chloride, Miscellaneous (%)	0613	0.98500	0.01000				1			0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0043	42.700	0.20000	50.002	7.2178	1.3700	6	-1.01	7%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0218	44.846	1.4694	50.002	7.2178	1.3700	6	-0.71	5%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0027	46.665	3.0300	50.002	7.2178	1.3700	6	-0.46	3%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0511	53.000	2.0000	50.002	7.2178	1.3700	6	0.42	3%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0035	53.190	0.22000	50.002	7.2178	1.3700	6	0.44	3%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0964	59.613	1.3007	50.002	7.2178	1.3700	6	1.33	10%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0917	31.650	3.9000	44.156	8.8007	3.7653	15	-1.42	14%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0016	32.750	0.10000	44.156	8.8007	3.7653	15	-1.30	13%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0004	37.000	2.0000	44.156	8.8007	3.7653	15	-0.81	8%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0910	40.500	3.0000	44.156	8.8007	3.7653	15	-0.42	4%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0038	42.015	4.4100	44.156	8.8007	3.7653	15	-0.24	2%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	2053	42.050	4.1000	44.156	8.8007	3.7653	15	-0.24	2%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0032	42.070	0.88000	44.156	8.8007	3.7653	15	-0.24	2%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0033	42.400	1.6000	44.156	8.8007	3.7653	15	-0.20	2%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0010	42.950	2.7000	44.156	8.8007	3.7653	15	-0.14	1%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0036	44.450	1.3000	44.156	8.8007	3.7653	15	0.03	0%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0512	46.595	5.0900	44.156	8.8007	3.7653	15	0.28	3%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	2127	49.500	9.0000	44.156	8.8007	3.7653	15	0.61	6%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0001	53.700	5.0000	44.156	8.8007	3.7653	15	1.08	11%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0028	70.450	4.7000	44.156	8.8007	3.7653	15	2.99	30%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0884	89.250	8.7000	44.156	8.8007	3.7653	15	5.12	51%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	2053	24.150	0.70000	26.386	0.46508	0.88125	8	-4.81	4%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0036	26.250	0.30000	26.386	0.46508	0.88125	8	-0.29	0%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0629	26.250	0.10000	26.386	0.46508	0.88125	8	-0.29	0%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0218	26.265	1.3500	26.386	0.46508	0.88125	8	-0.26	0%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0004	26.350	0.10000	26.386	0.46508	0.88125	8	-0.08	0%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0910	26.400	3.0000	26.386	0.46508	0.88125	8	0.03	0%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0010	26.800	0.20000	26.386	0.46508	0.88125	8	0.89	1%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	2127	48.550	1.3000	26.386	0.46508	0.88125	8	47.66	42%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0032	23.680	1.1000	25.830	1.7525	1.0544	8	-1.23	4%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0964	24.035	3.8050	25.830	1.7525	1.0544	8	-1.02	3%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0512	24.850	0.80000	25.830	1.7525	1.0544	8	-0.56	2%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0033	26.000	0.00000	25.830	1.7525	1.0544	8	0.10	0%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0001	26.200	0.20000	25.830	1.7525	1.0544	8	0.21	1%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0014	26.700	1.4000	25.830	1.7525	1.0544	8	0.50	2%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0013	26.950	0.70000	25.830	1.7525	1.0544	8	0.64	2%	0

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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	
054.02	Decoquinat e, LC (mg / kg (ppm))	0038	28.225	0.43000	25.830	1.7525	1.0544	8	1.37	5%	0
054.99	Decoquinat e, Miscellaneous (mg / kg (ppm))	0610	19.600	0.20000				1			0
061.00	Lasalocid Sodium, Microbiological (mg / kg (ppm))	0043	19.500	1.2000				1			0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0043	19.950	1.1200	22.179	2.0545	0.97333	9	-1.08	5%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0910	20.050	0.70000	22.179	2.0545	0.97333	9	-1.04	5%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0032	20.480	0.44000	22.179	2.0545	0.97333	9	-0.83	4%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0036	22.100	1.0000	22.179	2.0545	0.97333	9	-0.04	0%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	2053	22.100	0.80000	22.179	2.0545	0.97333	9	-0.04	0%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0629	22.450	0.10000	22.179	2.0545	0.97333	9	0.13	1%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0218	23.300	1.2000	22.179	2.0545	0.97333	9	0.55	3%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0010	23.920	1.5400	22.179	2.0545	0.97333	9	0.85	4%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0028	35.410	1.8600	22.179	2.0545	0.97333	9	6.44	30%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0013	21.100	0.60000	24.346	2.0517	1.2886	9	-1.58	7%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0009	22.462	2.0240	24.346	2.0517	1.2886	9	-0.92	4%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0033	23.400	0.60000	24.346	2.0517	1.2886	9	-0.46	2%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0512	23.570	0.82000	24.346	2.0517	1.2886	9	-0.38	2%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0016	24.450	0.10000	24.346	2.0517	1.2886	9	0.05	0%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0964	25.262	0.05370	24.346	2.0517	1.2886	9	0.45	2%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0001	25.950	0.50000	24.346	2.0517	1.2886	9	0.78	3%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0014	26.300	3.4000	24.346	2.0517	1.2886	9	0.95	4%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	2127	26.450	3.5000	24.346	2.0517	1.2886	9	1.03	4%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0038	31.295	12.890	24.346	2.0517	1.2886	9	3.39	14%	1
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	0553	23.760	0.10000	26.978	2.7772	3.4500	4	-0.86	5%	0
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	0610	25.700	2.0000	26.978	2.7772	3.4500	4	-0.24	1%	0
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	2055	28.500	11.000	26.978	2.7772	3.4500	4	0.64	4%	0
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	0555	29.950	0.70000	26.978	2.7772	3.4500	4	1.10	7%	0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0227	1,575.0	170.00				1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	1,110.0	40.000				1			0
101.99	Choline Chloride, Miscellaneous (mg / kg (ppm))	0644	1,014.3	2.2800				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	913.50	29.000				1			0
102.02	Niacin, LC (mg / kg (ppm))	0675	625.38	12.900				2			0
102.02	Niacin, LC (mg / kg (ppm))	0904	844.42	4.9300				2			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	11.425	3.5500				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	3.7050	0.97000				1			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	2.1100	0.54000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0208	2.4100	0.14000				2			0
105.00	Thiamine, LC (mg / kg (ppm))	0208	3.9695	0.36100				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	4.3150	0.05000				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0629	4.6350	0.01000				3			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	6.6550	0.05000				1			0
106.00	Vitamin A, Color (KU / kg)	0964	24.326	2.4074				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			
106.00	Vitamin A, Color (KU / kg)	0171	32.400	1.0000				2			0
106.01	Vitamin A, UV (KU / kg)	0098	25.950	5.5000				1			0
106.02	Vitamin A, LC (KU / kg)	0555	13.700	4.0000	24.972	5.2094	3.9253	25	-2.16	23%	0
106.02	Vitamin A, LC (KU / kg)	0905	16.170	5.4690	24.972	5.2094	3.9253	25	-1.69	18%	0
106.02	Vitamin A, LC (KU / kg)	0563	17.847	0.27450	24.972	5.2094	3.9253	25	-1.37	14%	0
106.02	Vitamin A, LC (KU / kg)	0689	20.050	0.50000	24.972	5.2094	3.9253	25	-0.94	10%	0
106.02	Vitamin A, LC (KU / kg)	2053	21.200	0.80000	24.972	5.2094	3.9253	25	-0.72	8%	0
106.02	Vitamin A, LC (KU / kg)	0028	21.300	0.20000	24.972	5.2094	3.9253	25	-0.70	7%	0
106.02	Vitamin A, LC (KU / kg)	0004	21.640	0.10000	24.972	5.2094	3.9253	25	-0.64	7%	0
106.02	Vitamin A, LC (KU / kg)	0941	21.995	0.00000	24.972	5.2094	3.9253	25	-0.57	6%	0
106.02	Vitamin A, LC (KU / kg)	0904	22.235	1.5300	24.972	5.2094	3.9253	25	-0.53	5%	0
106.02	Vitamin A, LC (KU / kg)	0910	22.300	0.40000	24.972	5.2094	3.9253	25	-0.51	5%	0
106.02	Vitamin A, LC (KU / kg)	0861	23.450	2.9000	24.972	5.2094	3.9253	25	-0.29	3%	0
106.02	Vitamin A, LC (KU / kg)	0016	25.300	15.000	24.972	5.2094	3.9253	25	0.06	1%	0
106.02	Vitamin A, LC (KU / kg)	0033	25.800	4.0000	24.972	5.2094	3.9253	25	0.16	2%	0
106.02	Vitamin A, LC (KU / kg)	0148	26.058	1.5220	24.972	5.2094	3.9253	25	0.21	2%	0
106.02	Vitamin A, LC (KU / kg)	0676	26.150	2.7000	24.972	5.2094	3.9253	25	0.23	2%	0
106.02	Vitamin A, LC (KU / kg)	2103	26.260	2.4000	24.972	5.2094	3.9253	25	0.25	3%	0
106.02	Vitamin A, LC (KU / kg)	2004	26.700	1.2000	24.972	5.2094	3.9253	25	0.33	3%	0
106.02	Vitamin A, LC (KU / kg)	0003	27.640	0.28000	24.972	5.2094	3.9253	25	0.51	5%	0
106.02	Vitamin A, LC (KU / kg)	0610	28.800	0.40000	24.972	5.2094	3.9253	25	0.73	8%	0
106.02	Vitamin A, LC (KU / kg)	0227	29.550	4.3000	24.972	5.2094	3.9253	25	0.88	9%	0
106.02	Vitamin A, LC (KU / kg)	0169	30.500	1.0000	24.972	5.2094	3.9253	25	1.06	11%	0
106.02	Vitamin A, LC (KU / kg)	0208	30.534	12.567	24.972	5.2094	3.9253	25	1.07	11%	0
106.02	Vitamin A, LC (KU / kg)	0038	30.795	14.410	24.972	5.2094	3.9253	25	1.12	12%	0
106.02	Vitamin A, LC (KU / kg)	0014	31.100	6.2000	24.972	5.2094	3.9253	25	1.18	12%	0
106.02	Vitamin A, LC (KU / kg)	0675	39.940	15.980	24.972	5.2094	3.9253	25	2.87	30%	0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	8.5700	0.28000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	2.5000	1.0000				1			0
108.02	Vitamin D3, LC (KU / kg)	0610	3.0500	0.50000	4.4280	1.2412	0.46400	5	-1.11	16%	0
108.02	Vitamin D3, LC (KU / kg)	0904	3.2700	0.40000	4.4280	1.2412	0.46400	5	-0.93	13%	0
108.02	Vitamin D3, LC (KU / kg)	0227	4.6250	0.63000	4.4280	1.2412	0.46400	5	0.16	2%	0
108.02	Vitamin D3, LC (KU / kg)	0675	5.3250	0.67000	4.4280	1.2412	0.46400	5	0.72	10%	0
108.02	Vitamin D3, LC (KU / kg)	0208	5.8700	0.12000	4.4280	1.2412	0.46400	5	1.16	16%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	5.4050	0.53000				1			0
109.02	Vitamin E, LC (IU/kg)	0169	92.500	5.0000	210.81	38.112	6.3118	15	-3.10	28%	0
109.02	Vitamin E, LC (IU/kg)	0555	146.65	0.10000	210.81	38.112	6.3118	15	-1.68	15%	0
109.02	Vitamin E, LC (IU/kg)	0905	179.00	2.0000	210.81	38.112	6.3118	15	-0.83	8%	0
109.02	Vitamin E, LC (IU/kg)	0208	193.15	3.6440	210.81	38.112	6.3118	15	-0.46	4%	0
109.02	Vitamin E, LC (IU/kg)	0098	194.50	3.0000	210.81	38.112	6.3118	15	-0.43	4%	0
109.02	Vitamin E, LC (IU/kg)	0941	199.52	8.9900	210.81	38.112	6.3118	15	-0.30	3%	0

Test Material Code # 201632

Method Proficiency Testing Report

Issue Date : 01/31/2017

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	
109.02	Vitamin E, LC (IU/kg)	0910	211.00	10.200	210.81	38.112	6.3118	15	0.00	0%	0
109.02	Vitamin E, LC (IU/kg)	0148	212.20	2.4000	210.81	38.112	6.3118	15	0.04	0%	0
109.02	Vitamin E, LC (IU/kg)	2103	213.50	11.000	210.81	38.112	6.3118	15	0.07	1%	0
109.02	Vitamin E, LC (IU/kg)	0610	221.00	16.000	210.81	38.112	6.3118	15	0.27	2%	0
109.02	Vitamin E, LC (IU/kg)	0861	225.00	10.000	210.81	38.112	6.3118	15	0.37	3%	0
109.02	Vitamin E, LC (IU/kg)	0227	238.00	4.0000	210.81	38.112	6.3118	15	0.71	6%	0
109.02	Vitamin E, LC (IU/kg)	0676	241.00	2.6000	210.81	38.112	6.3118	15	0.79	7%	0
109.02	Vitamin E, LC (IU/kg)	0675	259.05	15.150	210.81	38.112	6.3118	15	1.27	11%	0
109.02	Vitamin E, LC (IU/kg)	0563	313.60	0.59240	210.81	38.112	6.3118	15	2.70	24%	0
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	203.00	20.000				1			0
112.01	Pyridoxine, LC (µg / g)	0227	5.2050	1.2500				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	0.46750	0.05500				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.47350	0.04300				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.85500	0.01000	0.89601	0.01579	0.00844	16	-2.60	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.87500	0.01000	0.89601	0.01579	0.00844	16	-1.33	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.87900	0.00000	0.89601	0.01579	0.00844	16	-1.08	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.88500	0.01000	0.89601	0.01579	0.00844	16	-0.70	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.89000	0.00000	0.89601	0.01579	0.00844	16	-0.38	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.89000	0.02000	0.89601	0.01579	0.00844	16	-0.38	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.89000	0.02000	0.89601	0.01579	0.00844	16	-0.38	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.89700	0.01000	0.89601	0.01579	0.00844	16	0.06	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.89750	0.00300	0.89601	0.01579	0.00844	16	0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.90050	0.01100	0.89601	0.01579	0.00844	16	0.28	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.90350	0.00900	0.89601	0.01579	0.00844	16	0.47	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.90350	0.00100	0.89601	0.01579	0.00844	16	0.47	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.90900	0.00200	0.89601	0.01579	0.00844	16	0.82	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.90965	0.00050	0.89601	0.01579	0.00844	16	0.86	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.91575	0.01750	0.89601	0.01579	0.00844	16	1.25	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.91850	0.01100	0.89601	0.01579	0.00844	16	1.42	1%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.92050	0.02500				1			0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.83700	0.06400				2			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.84850	0.00300				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.1348	0.01120	1.2239	0.04252	0.01454	16	-2.10	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.1377	0.00750	1.2239	0.04252	0.01454	16	-2.03	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.1750	0.01000	1.2239	0.04252	0.01454	16	-1.15	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.1900	0.04000	1.2239	0.04252	0.01454	16	-0.80	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.2140	0.01400	1.2239	0.04252	0.01454	16	-0.23	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.2200	0.02000	1.2239	0.04252	0.01454	16	-0.09	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.2215	0.02300	1.2239	0.04252	0.01454	16	-0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.2250	0.01000	1.2239	0.04252	0.01454	16	0.02	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.2275	0.00500	1.2239	0.04252	0.01454	16	0.08	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.2350	0.00200	1.2239	0.04252	0.01454	16	0.26	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.2350	0.03000	1.2239	0.04252	0.01454	16	0.26	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.2450	0.01000	1.2239	0.04252	0.01454	16	0.50	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.2570	0.01200	1.2239	0.04252	0.01454	16	0.78	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.2600	0.00800	1.2239	0.04252	0.01454	16	0.85	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.2700	0.02000	1.2239	0.04252	0.01454	16	1.08	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.4350	0.01000	1.2239	0.04252	0.01454	16	4.96	9%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.2240	0.00400				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.1810	0.02400				2			0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.2030	0.11400				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.6550	0.01000	1.7277	0.03391	0.01789	16	-2.14	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.6850	0.05000	1.7277	0.03391	0.01789	16	-1.26	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.7000	0.01600	1.7277	0.03391	0.01789	16	-0.82	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.7050	0.01000	1.7277	0.03391	0.01789	16	-0.67	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.7085	0.04500	1.7277	0.03391	0.01789	16	-0.57	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.7125	0.00100	1.7277	0.03391	0.01789	16	-0.45	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.7245	0.00700	1.7277	0.03391	0.01789	16	-0.09	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.7250	0.00200	1.7277	0.03391	0.01789	16	-0.08	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.7265	0.00500	1.7277	0.03391	0.01789	16	-0.04	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.7320	0.03000	1.7277	0.03391	0.01789	16	0.13	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.7350	0.01000	1.7277	0.03391	0.01789	16	0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.7450	0.01000	1.7277	0.03391	0.01789	16	0.51	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.7500	0.04000	1.7277	0.03391	0.01789	16	0.66	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.7603	0.00650	1.7277	0.03391	0.01789	16	0.96	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.7789	0.03370	1.7277	0.03391	0.01789	16	1.51	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.8950	0.01000	1.7277	0.03391	0.01789	16	4.93	5%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.7250	0.05800				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.6155	0.03300				2			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.6185	0.16500				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0870	0.27900	0.01020	0.31498	0.02060	0.00707	16	-1.75	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0504	0.29000	0.00000	0.31498	0.02060	0.00707	16	-1.21	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0227	0.29500	0.01000	0.31498	0.02060	0.00707	16	-0.97	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0644	0.29850	0.00500	0.31498	0.02060	0.00707	16	-0.80	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0652	0.30000	0.00000	0.31498	0.02060	0.00707	16	-0.73	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0918	0.31315	0.00590	0.31498	0.02060	0.00707	16	-0.09	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0968	0.31350	0.00300	0.31498	0.02060	0.00707	16	-0.07	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0675	0.31500	0.01000	0.31498	0.02060	0.00707	16	0.00	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0354	0.31550	0.02500	0.31498	0.02060	0.00707	16	0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0872	0.31750	0.00500	0.31498	0.02060	0.00707	16	0.12	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0571	0.31900	0.00600	0.31498	0.02060	0.00707	16	0.20	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0941	0.32850	0.02300	0.31498	0.02060	0.00707	16	0.66	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	
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.32950	0.00300	0.31498	0.02060	0.00707	16	0.71	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.33000	0.00000	0.31498	0.02060	0.00707	16	0.73	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.34450	0.00700	0.31498	0.02060	0.00707	16	1.43	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.40300	0.00000	0.31498	0.02060	0.00707	16	4.27	14%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.32650	0.00500				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.34500	0.01000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.2820	0.08800	3.3576	0.05648	0.03672	16	-1.34	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.2915	0.02900	3.3576	0.05648	0.03672	16	-1.17	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.3150	0.01000	3.3576	0.05648	0.03672	16	-0.75	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.3150	0.07000	3.3576	0.05648	0.03672	16	-0.75	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.3235	0.03500	3.3576	0.05648	0.03672	16	-0.60	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.3300	0.02000	3.3576	0.05648	0.03672	16	-0.49	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.3370	0.03600	3.3576	0.05648	0.03672	16	-0.36	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.3520	0.01000	3.3576	0.05648	0.03672	16	-0.10	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.3525	0.02700	3.3576	0.05648	0.03672	16	-0.09	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.3640	0.11510	3.3576	0.05648	0.03672	16	0.11	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.3700	0.04000	3.3576	0.05648	0.03672	16	0.22	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.3785	0.00300	3.3576	0.05648	0.03672	16	0.37	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.4100	0.04000	3.3576	0.05648	0.03672	16	0.93	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.4156	0.01440	3.3576	0.05648	0.03672	16	1.03	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.5050	0.01000	3.3576	0.05648	0.03672	16	2.61	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.9000	0.04000	3.3576	0.05648	0.03672	16	9.60	8%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.3365	0.10700				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.1390	0.27000				2			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.2320	0.06600				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.82530	0.01320	0.84526	0.01229	0.01008	16	-1.62	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.83000	0.00000	0.84526	0.01229	0.01008	16	-1.24	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.83500	0.01000	0.84526	0.01229	0.01008	16	-0.83	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.83500	0.00400	0.84526	0.01229	0.01008	16	-0.83	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.83700	0.00200	0.84526	0.01229	0.01008	16	-0.67	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.84000	0.02000	0.84526	0.01229	0.01008	16	-0.43	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.84250	0.01500	0.84526	0.01229	0.01008	16	-0.22	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.84500	0.03000	0.84526	0.01229	0.01008	16	-0.02	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.84500	0.03000	0.84526	0.01229	0.01008	16	-0.02	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.84950	0.00700	0.84526	0.01229	0.01008	16	0.34	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.85100	0.01200	0.84526	0.01229	0.01008	16	0.47	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.85250	0.00100	0.84526	0.01229	0.01008	16	0.59	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.85550	0.00700	0.84526	0.01229	0.01008	16	0.83	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.85565	0.00410	0.84526	0.01229	0.01008	16	0.85	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.86000	0.00000	0.84526	0.01229	0.01008	16	1.20	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.96000	0.00600	0.84526	0.01229	0.01008	16	9.34	7%	0

Test Material Code # 201632

Method Proficiency Testing Report

Issue Date : 01/31/2017

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			
126.02	Glycine, Post-col OPA Der (%)	0098	0.83200	0.05600				1			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.75400	0.01200				2			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.84900	0.02000				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.44500	0.01000	0.48032	0.02137	0.00761	16	-1.65	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.45750	0.00900	0.48032	0.02137	0.00761	16	-1.07	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.46100	0.00200	0.48032	0.02137	0.00761	16	-0.90	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.46250	0.00400	0.48032	0.02137	0.00761	16	-0.83	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.47045	0.02270	0.48032	0.02137	0.00761	16	-0.46	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.47200	0.00400	0.48032	0.02137	0.00761	16	-0.39	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.47450	0.01300	0.48032	0.02137	0.00761	16	-0.27	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.47500	0.01000	0.48032	0.02137	0.00761	16	-0.25	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.47650	0.00500	0.48032	0.02137	0.00761	16	-0.18	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.48000	0.00200	0.48032	0.02137	0.00761	16	-0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.49500	0.01000	0.48032	0.02137	0.00761	16	0.69	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.49500	0.01000	0.48032	0.02137	0.00761	16	0.69	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.50000	0.00800	0.48032	0.02137	0.00761	16	0.92	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.50000	0.00000	0.48032	0.02137	0.00761	16	0.92	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.50500	0.01000	0.48032	0.02137	0.00761	16	1.16	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.62500	0.00200	0.48032	0.02137	0.00761	16	6.77	15%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.47550	0.00700				1			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.44250	0.00700				2			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.45650	0.02100				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.59500	0.01000	0.71415	0.04031	0.01279	16	-2.96	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.64250	0.02260	0.71415	0.04031	0.01279	16	-1.78	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.66600	0.02200	0.71415	0.04031	0.01279	16	-1.19	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.69350	0.00100	0.71415	0.04031	0.01279	16	-0.51	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.69800	0.01400	0.71415	0.04031	0.01279	16	-0.40	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.70500	0.01000	0.71415	0.04031	0.01279	16	-0.23	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.70500	0.01000	0.71415	0.04031	0.01279	16	-0.23	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.71050	0.00700	0.71415	0.04031	0.01279	16	-0.09	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.71850	0.00900	0.71415	0.04031	0.01279	16	0.11	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.73000	0.00800	0.71415	0.04031	0.01279	16	0.39	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.73500	0.01000	0.71415	0.04031	0.01279	16	0.52	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.73500	0.01000	0.71415	0.04031	0.01279	16	0.52	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.73900	0.01000	0.71415	0.04031	0.01279	16	0.62	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.75450	0.02100	0.71415	0.04031	0.01279	16	1.00	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.76400	0.01000	0.71415	0.04031	0.01279	16	1.24	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.76500	0.03000	0.71415	0.04031	0.01279	16	1.26	4%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.74350	0.00900				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.68750	0.05500				2			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.73300	0.00400				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 (%)	0675	1.3000	0.02000	1.4065	0.02887	0.01732	16	-3.69	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.3407	0.00080	1.4065	0.02887	0.01732	16	-2.28	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.3850	0.01000	1.4065	0.02887	0.01732	16	-0.74	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.3860	0.00200	1.4065	0.02887	0.01732	16	-0.71	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.3900	0.02000	1.4065	0.02887	0.01732	16	-0.57	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.3955	0.01500	1.4065	0.02887	0.01732	16	-0.38	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.4015	0.03700	1.4065	0.02887	0.01732	16	-0.17	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.4050	0.01000	1.4065	0.02887	0.01732	16	-0.05	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.4100	0.00400	1.4065	0.02887	0.01732	16	0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.4100	0.01000	1.4065	0.02887	0.01732	16	0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.4200	0.01400	1.4065	0.02887	0.01732	16	0.47	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.4250	0.03000	1.4065	0.02887	0.01732	16	0.64	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.4280	0.02800	1.4065	0.02887	0.01732	16	0.75	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.4300	0.02000	1.4065	0.02887	0.01732	16	0.81	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.4416	0.03630	1.4065	0.02887	0.01732	16	1.21	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.5400	0.02000	1.4065	0.02887	0.01732	16	4.62	5%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.4265	0.02500				1			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.3235	0.09500				2			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.3965	0.00500				2			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.89790	0.00760	0.92494	0.02233	0.01351	16	-1.21	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.90000	0.02000	0.92494	0.02233	0.01351	16	-1.12	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.90500	0.01000	0.92494	0.02233	0.01351	16	-0.89	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.90500	0.01000	0.92494	0.02233	0.01351	16	-0.89	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.91000	0.02000	0.92494	0.02233	0.01351	16	-0.67	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.91100	0.01200	0.92494	0.02233	0.01351	16	-0.62	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.91950	0.00500	0.92494	0.02233	0.01351	16	-0.24	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.92350	0.00700	0.92494	0.02233	0.01351	16	-0.06	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.92450	0.01300	0.92494	0.02233	0.01351	16	-0.02	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.92500	0.01000	0.92494	0.02233	0.01351	16	0.00	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.93500	0.01000	0.92494	0.02233	0.01351	16	0.45	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.94000	0.04000	0.92494	0.02233	0.01351	16	0.67	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.94230	0.00460	0.92494	0.02233	0.01351	16	0.78	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.94350	0.01700	0.92494	0.02233	0.01351	16	0.83	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.97500	0.01000	0.92494	0.02233	0.01351	16	2.24	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.0500	0.02000	0.92494	0.02233	0.01351	16	5.60	7%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.94650	0.00700				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.88900	0.06800				2			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.91700	0.01200				2			0
130.99	L-Lysine, Miscellaneous (%)	2053	0.83150	0.00700				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.24400	0.00000	0.27242	0.01353	0.00499	16	-2.10	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.26000	0.00000	0.27242	0.01353	0.00499	16	-0.92	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.26200	0.00400	0.27242	0.01353	0.00499	16	-0.77	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.26450	0.00100	0.27242	0.01353	0.00499	16	-0.59	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.26500	0.01000	0.27242	0.01353	0.00499	16	-0.55	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.26600	0.00200	0.27242	0.01353	0.00499	16	-0.47	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.26700	0.00000	0.27242	0.01353	0.00499	16	-0.40	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.27000	0.02000	0.27242	0.01353	0.00499	16	-0.18	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.27000	0.02000	0.27242	0.01353	0.00499	16	-0.18	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.27215	0.00190	0.27242	0.01353	0.00499	16	-0.02	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.27400	0.00000	0.27242	0.01353	0.00499	16	0.12	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.28000	0.00800	0.27242	0.01353	0.00499	16	0.56	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.28050	0.00700	0.27242	0.01353	0.00499	16	0.60	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.29005	0.00390	0.27242	0.01353	0.00499	16	1.30	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.30000	0.00000	0.27242	0.01353	0.00499	16	2.04	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.33400	0.00200	0.27242	0.01353	0.00499	16	4.55	11%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.25350	0.00300				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.24450	0.00700				1			0
131.99	Methionine, Miscellaneous (%)	2053	0.31550	0.02300				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.82350	0.01700	0.85318	0.02493	0.01806	16	-1.19	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.82500	0.01000	0.85318	0.02493	0.01806	16	-1.13	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.82665	0.00410	0.85318	0.02493	0.01806	16	-1.06	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.83450	0.00100	0.85318	0.02493	0.01806	16	-0.75	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.84000	0.04000	0.85318	0.02493	0.01806	16	-0.53	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.84500	0.03000	0.85318	0.02493	0.01806	16	-0.33	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.84500	0.01000	0.85318	0.02493	0.01806	16	-0.33	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.84550	0.01700	0.85318	0.02493	0.01806	16	-0.31	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.85000	0.02000	0.85318	0.02493	0.01806	16	-0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.85715	0.03790	0.85318	0.02493	0.01806	16	0.16	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.85950	0.01300	0.85318	0.02493	0.01806	16	0.25	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.86000	0.00000	0.85318	0.02493	0.01806	16	0.27	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.88150	0.01500	0.85318	0.02493	0.01806	16	1.14	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.88200	0.04600	0.85318	0.02493	0.01806	16	1.16	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.88500	0.01400	0.85318	0.02493	0.01806	16	1.28	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.98000	0.01400	0.85318	0.02493	0.01806	16	5.09	7%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.85600	0.01000				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.81550	0.05900				2			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.84550	0.00700				2			0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.0450	0.01000	1.0805	0.02500	0.01260	14	-1.42	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.0465	0.01500	1.0805	0.02500	0.01260	14	-1.36	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.0600	0.00000	1.0805	0.02500	0.01260	14	-0.82	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.0650	0.01000	1.0805	0.02500	0.01260	14	-0.62	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.0665	0.00100	1.0805	0.02500	0.01260	14	-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	
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.0705	0.03300	1.0805	0.02500	0.01260	14	-0.40	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.0840	0.00400	1.0805	0.02500	0.01260	14	0.14	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.0850	0.01000	1.0805	0.02500	0.01260	14	0.18	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.0885	0.01910	1.0805	0.02500	0.01260	14	0.32	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.0910	0.00800	1.0805	0.02500	0.01260	14	0.42	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.1000	0.02000	1.0805	0.02500	0.01260	14	0.78	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.1045	0.01700	1.0805	0.02500	0.01260	14	0.96	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.1087	0.02930	1.0805	0.02500	0.01260	14	1.13	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.1120	0.00000	1.0805	0.02500	0.01260	14	1.26	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.1250	0.19000	1.0805	0.02500	0.01260	14	1.78	2%	1
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.5600	0.02000	1.0805	0.02500	0.01260	14	19.18	22%	2
133.05	Proline, Pre-col AQC Der (%)	0626	0.98800	0.00800				2			0
133.05	Proline, Pre-col AQC Der (%)	0676	1.0830	0.08600				2			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.78000	0.02000	0.87588	0.02277	0.01752	16	-4.21	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.84550	0.01500	0.87588	0.02277	0.01752	16	-1.33	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.86200	0.02000	0.87588	0.02277	0.01752	16	-0.61	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.86300	0.00200	0.87588	0.02277	0.01752	16	-0.57	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.86500	0.01000	0.87588	0.02277	0.01752	16	-0.48	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.87000	0.06000	0.87588	0.02277	0.01752	16	-0.26	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.87000	0.02000	0.87588	0.02277	0.01752	16	-0.26	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.87350	0.01300	0.87588	0.02277	0.01752	16	-0.10	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.87500	0.01000	0.87588	0.02277	0.01752	16	-0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.87700	0.00400	0.87588	0.02277	0.01752	16	0.05	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.87750	0.01300	0.87588	0.02277	0.01752	16	0.07	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.88000	0.02000	0.87588	0.02277	0.01752	16	0.18	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.88785	0.04150	0.87588	0.02277	0.01752	16	0.53	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.90600	0.00400	0.87588	0.02277	0.01752	16	1.32	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.93290	0.00980	0.87588	0.02277	0.01752	16	2.50	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.97000	0.01800	0.87588	0.02277	0.01752	16	4.13	5%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.77650	0.02300				1			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.78500	0.02800				2			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.80950	0.01500				2			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.64500	0.01000	0.67612	0.02219	0.00717	16	-1.40	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.65500	0.01000	0.67612	0.02219	0.00717	16	-0.95	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.65700	0.01600	0.67612	0.02219	0.00717	16	-0.86	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.66000	0.02000	0.67612	0.02219	0.00717	16	-0.73	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.66000	0.00000	0.67612	0.02219	0.00717	16	-0.73	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.66000	0.00000	0.67612	0.02219	0.00717	16	-0.73	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.67000	0.00000	0.67612	0.02219	0.00717	16	-0.28	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.67350	0.00900	0.67612	0.02219	0.00717	16	-0.12	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.67600	0.00600	0.67612	0.02219	0.00717	16	-0.01	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.67650	0.00300	0.67612	0.02219	0.00717	16	0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.69000	0.02000	0.67612	0.02219	0.00717	16	0.63	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.69195	0.01270	0.67612	0.02219	0.00717	16	0.71	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.69210	0.00000	0.67612	0.02219	0.00717	16	0.72	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.69300	0.00200	0.67612	0.02219	0.00717	16	0.76	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.70850	0.00100	0.67612	0.02219	0.00717	16	1.46	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.73750	0.00500	0.67612	0.02219	0.00717	16	2.77	5%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.65200	0.00600				1			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.64050	0.05900				2			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.70100	0.00800				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.19225	0.01650	0.23243	0.03240	0.01840	4	-0.95	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.22600	0.00000	0.23243	0.03240	0.01840	4	-0.09	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.24145	0.05710	0.23243	0.03240	0.01840	4	0.31	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.27000	0.00000	0.23243	0.03240	0.01840	4	1.04	9%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.23750	0.00100				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.25200	0.00000				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.24000	0.00200				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.23200	0.00800				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.23600	0.00400				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.24300	0.00400				3			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.22500	0.01000				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.30000	0.10000	0.55013	0.05845	0.02304	12	-4.28	23%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.35610	0.00400	0.55013	0.05845	0.02304	12	-3.32	18%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.53335	0.00750	0.55013	0.05845	0.02304	12	-0.29	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.53500	0.01000	0.55013	0.05845	0.02304	12	-0.26	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.53500	0.03000	0.55013	0.05845	0.02304	12	-0.26	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.55500	0.01000	0.55013	0.05845	0.02304	12	0.08	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.56000	0.06000	0.55013	0.05845	0.02304	12	0.17	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.56050	0.00100	0.55013	0.05845	0.02304	12	0.18	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.56400	0.03200	0.55013	0.05845	0.02304	12	0.24	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.58350	0.01700	0.55013	0.05845	0.02304	12	0.57	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.61250	0.00500	0.55013	0.05845	0.02304	12	1.07	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.65200	0.00000	0.55013	0.05845	0.02304	12	1.74	9%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.60400	0.02000				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.46950	0.00100				2			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.61650	0.06700				2			0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.75500	0.01000	0.85666	0.04127	0.01311	15	-2.46	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.78805	0.00610	0.85666	0.04127	0.01311	15	-1.66	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.82500	0.01000	0.85666	0.04127	0.01311	15	-0.77	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.82500	0.01000	0.85666	0.04127	0.01311	15	-0.77	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.83045	0.04250	0.85666	0.04127	0.01311	15	-0.64	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	
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.84000	0.00000	0.85666	0.04127	0.01311	15	-0.40	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.84850	0.00700	0.85666	0.04127	0.01311	15	-0.20	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.86650	0.00700	0.85666	0.04127	0.01311	15	0.24	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.87550	0.00900	0.85666	0.04127	0.01311	15	0.46	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.88650	0.02900	0.85666	0.04127	0.01311	15	0.72	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.88800	0.00200	0.85666	0.04127	0.01311	15	0.76	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.89000	0.00000	0.85666	0.04127	0.01311	15	0.81	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.89500	0.03000	0.85666	0.04127	0.01311	15	0.93	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.89500	0.00400	0.85666	0.04127	0.01311	15	0.93	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.89500	0.03000	0.85666	0.04127	0.01311	15	0.93	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.72100	0.27200	0.85666	0.04127	0.01311	15	-3.29	8%	1
138.02	Valine, Post-col OPA Der (%)	0098	0.87550	0.01700				1			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.82050	0.01100				2			0
138.05	Valine, Pre-col AQC Der (%)	0676	0.87200	0.08400				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.04000	0.02000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.16000	0.04000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0619	0.19850	0.00300	0.30588	0.07977	0.02975	4	-1.02	16%	0
160.99	Fructose, Miscellaneous (%)	0297	0.29500	0.01600	0.30588	0.07977	0.02975	4	0.04	1%	0
160.99	Fructose, Miscellaneous (%)	0861	0.35000	0.10000	0.30588	0.07977	0.02975	4	0.65	10%	0
160.99	Fructose, Miscellaneous (%)	0227	0.38000	0.00000	0.30588	0.07977	0.02975	4	0.98	15%	0
162.99	Glucose, Miscellaneous (%)	0619	0.15450	0.00100				3			0
162.99	Glucose, Miscellaneous (%)	0861	0.40000	0.20000				3			0
162.99	Glucose, Miscellaneous (%)	0227	0.42000	0.06000				3			0
162.99	Glucose, Miscellaneous (%)	0297	0.00000	0.00000				3			4
163.99	Lactose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0861	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	0861	0.25000	0.10000				2			0
164.99	Maltose, Miscellaneous (%)	0297	0.35450	0.00300				2			0
165.99	Sucrose, Miscellaneous (%)	0629	2.4550	0.01000	2.9372	0.32635	0.04920	5	-1.48	8%	0
165.99	Sucrose, Miscellaneous (%)	0227	2.7400	0.02000	2.9372	0.32635	0.04920	5	-0.60	3%	0
165.99	Sucrose, Miscellaneous (%)	0861	3.1500	0.10000	2.9372	0.32635	0.04920	5	0.65	4%	0
165.99	Sucrose, Miscellaneous (%)	0619	3.1550	0.03000	2.9372	0.32635	0.04920	5	0.67	4%	0
165.99	Sucrose, Miscellaneous (%)	0297	3.1860	0.08600	2.9372	0.32635	0.04920	5	0.76	4%	0
166.99	Raffinose, Miscellaneous (%)	0227	0.68000	0.00000				3			0
166.99	Raffinose, Miscellaneous (%)	0619	0.74050	0.00500				3			0
166.99	Raffinose, Miscellaneous (%)	0297	0.93250	0.02100				3			0
167.99	Stachyose, Miscellaneous (%)	0297	1.0000	0.05600				3			0
167.99	Stachyose, Miscellaneous (%)	0227	1.0150	0.01000				3			0
167.99	Stachyose, Miscellaneous (%)	0619	1.2550	0.01000				3			0
351.05	Chlortetracycline, residual, LC-MS/MS (µg / kg (p	2144	34.615	0.49000				1			0

Test Material Code # 201632

Method Proficiency Testing Report

Issue Date : 01/31/2017

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			
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (p	2144	11.193	0.91500				1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.37745	0.00070	0.44885	0.04954	0.00667	6	-1.44	8%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.43850	0.00700	0.44885	0.04954	0.00667	6	-0.21	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.44160	0.00120	0.44885	0.04954	0.00667	6	-0.15	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.44650	0.00700	0.44885	0.04954	0.00667	6	-0.05	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2109	0.48720	0.01220	0.44885	0.04954	0.00667	6	0.77	4%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.50185	0.01190	0.44885	0.04954	0.00667	6	1.07	6%	0
400.99	Water activity, Miscellaneous (Units)	0843	0.42500	0.00600				2			0
400.99	Water activity, Miscellaneous (Units)	2073	0.43600	0.00600				2			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0045	0.09050	0.00100				2			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.09500	0.01000				2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppr	2146	0.09770	0.03800				2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppr	0910	0.10000	0.00000				2			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.10910	0.03180				3			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.12150	0.00700				3			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.25450	0.01700				3			0
518.34	Cadmium, AAS, Graphite furnace (mg / kg (ppm))	0610	0.07500	0.01000				1			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.03450	0.00700				2			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.08500	0.01000				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.05285	0.00770				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.08500	0.01000				2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.08050	0.00700				3			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.08640	0.00520				3			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.09300	0.00600				3			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	2.0000	0.40000				2			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	2.3200	0.06000				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	3.8900	0.12000				1			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	3.5000	0.02000				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.5955	0.50050				1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.18500	0.03000				1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.00000	0.00000				1			4
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.14000	0.00000				2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.20340	0.02700				2			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.14750	0.01300				3			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.15150	0.02500				3			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.15620	0.03080				3			0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	2.4000	0.40000				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	2.3667	0.09120				1			0

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 8 = Analyst data exempt and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in this case the Z Scores may be included for information only (Grey, No Action!). Flag 3

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			

indicates not used in statistics.