



Swine Feed, Medicated

Animal Feed Scheme

Labs Reporting: 201

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

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	0.20000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	4.2750	0.05000	6.6268	0.87213	0.05426	8	-2.70	18%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0620	5.5238	0.07410	6.6268	0.87213	0.05426	8	-1.26	8%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0016	6.6100	0.10000	6.6268	0.87213	0.05426	8	-0.02	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	6.9750	0.03000	6.6268	0.87213	0.05426	8	0.40	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.0720	0.13000	6.6268	0.87213	0.05426	8	0.51	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.1450	0.03000	6.6268	0.87213	0.05426	8	0.59	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.1650	0.01000	6.6268	0.87213	0.05426	8	0.62	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.2050	0.01000	6.6268	0.87213	0.05426	8	0.66	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	7.0150	0.69000	6.6268	0.87213	0.05426	8	0.45	3%	1
001.03	Loss on Drying, Low temp. methods (%)	0619	6.9050	0.05000				2			0
001.03	Loss on Drying, Low temp. methods (%)	0868	7.1800	0.04000				2			0
001.05	Loss on Drying, LECO (%)	0610	6.9050	0.01000				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	6.4500	0.10000	7.1058	0.37535	0.11919	37	-1.75	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	6.5600	0.44000	7.1058	0.37535	0.11919	37	-1.45	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	6.5650	0.03000	7.1058	0.37535	0.11919	37	-1.44	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	6.6000	0.56000	7.1058	0.37535	0.11919	37	-1.35	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	6.7400	0.02000	7.1058	0.37535	0.11919	37	-0.97	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	6.7500	0.02000	7.1058	0.37535	0.11919	37	-0.95	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	6.7550	0.09000	7.1058	0.37535	0.11919	37	-0.93	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	6.8800	0.22000	7.1058	0.37535	0.11919	37	-0.60	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	6.9000	0.20000	7.1058	0.37535	0.11919	37	-0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	6.9250	0.01000	7.1058	0.37535	0.11919	37	-0.48	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	6.9300	0.08000	7.1058	0.37535	0.11919	37	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	6.9400	0.04000	7.1058	0.37535	0.11919	37	-0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	6.9465	0.00000	7.1058	0.37535	0.11919	37	-0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	6.9500	0.02000	7.1058	0.37535	0.11919	37	-0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	6.9800	0.16000	7.1058	0.37535	0.11919	37	-0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	7.0300	0.06000	7.1058	0.37535	0.11919	37	-0.20	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	7.0450	0.05000	7.1058	0.37535	0.11919	37	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.0500	0.04000	7.1058	0.37535	0.11919	37	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.0600	0.54000	7.1058	0.37535	0.11919	37	-0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.0650	0.03000	7.1058	0.37535	0.11919	37	-0.11	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	7.1100	0.04000	7.1058	0.37535	0.11919	37	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	7.1150	0.07000	7.1058	0.37535	0.11919	37	0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.2000	0.00000	7.1058	0.37535	0.11919	37	0.25	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.2300	0.10000	7.1058	0.37535	0.11919	37	0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	7.2300	0.02000	7.1058	0.37535	0.11919	37	0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	7.2390	0.05800	7.1058	0.37535	0.11919	37	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	7.2500	0.02000	7.1058	0.37535	0.11919	37	0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	7.3060	0.13200	7.1058	0.37535	0.11919	37	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.3450	0.13000	7.1058	0.37535	0.11919	37	0.64	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.3700	0.00000	7.1058	0.37535	0.11919	37	0.70	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	7.3750	0.01000	7.1058	0.37535	0.11919	37	0.72	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	7.6050	0.37000	7.1058	0.37535	0.11919	37	1.33	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	7.6500	0.30000	7.1058	0.37535	0.11919	37	1.45	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.6900	0.02000	7.1058	0.37535	0.11919	37	1.56	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	7.9000	0.18000	7.1058	0.37535	0.11919	37	2.12	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	8.0450	0.03000	7.1058	0.37535	0.11919	37	2.50	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.8900	0.22000	7.1058	0.37535	0.11919	37	4.75	13%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	7.5050	0.73000	7.1058	0.37535	0.11919	37	1.06	3%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	0.52500	0.03000	7.1058	0.37535	0.11919	37	-17.53	46%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	7.0750	0.47000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	7.5000	0.80000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0852	5.4150	0.03000	6.8424	0.77383	0.11784	19	-1.84	10%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	5.6800	0.16000	6.8424	0.77383	0.11784	19	-1.50	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	5.7000	0.00000	6.8424	0.77383	0.11784	19	-1.48	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	6.1500	0.14000	6.8424	0.77383	0.11784	19	-0.89	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	6.4150	0.15000	6.8424	0.77383	0.11784	19	-0.55	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	6.4850	0.07000	6.8424	0.77383	0.11784	19	-0.46	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	6.7150	0.07000	6.8424	0.77383	0.11784	19	-0.16	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	6.7600	0.20000	6.8424	0.77383	0.11784	19	-0.11	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	6.8050	0.13000	6.8424	0.77383	0.11784	19	-0.05	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	6.9500	0.10000	6.8424	0.77383	0.11784	19	0.14	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	7.0693	0.04910	6.8424	0.77383	0.11784	19	0.29	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2080	7.0900	0.10000	6.8424	0.77383	0.11784	19	0.32	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0644	7.1350	0.15000	6.8424	0.77383	0.11784	19	0.38	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	7.4191	0.35980	6.8424	0.77383	0.11784	19	0.75	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	7.4300	0.32000	6.8424	0.77383	0.11784	19	0.76	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	7.4400	0.08000	6.8424	0.77383	0.11784	19	0.77	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	7.4700	0.04000	6.8424	0.77383	0.11784	19	0.81	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	7.6050	0.09000	6.8424	0.77383	0.11784	19	0.99	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.0700	0.00000	6.8424	0.77383	0.11784	19	1.59	9%	0
002.00	Protein, Crude (%)	2109	20.140	0.08000				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			
002.00	Protein, Crude (%)	0940	20.485	0.15000				3			0
002.00	Protein, Crude (%)	0169	21.085	0.09000				3			0
002.01	Protein, Auto Kjel-Foss (%)	0870	20.011	0.00690	20.476	0.30148	0.07106	15	-1.54	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	20.075	0.01000	20.476	0.30148	0.07106	15	-1.33	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0910	20.150	0.10000	20.476	0.30148	0.07106	15	-1.08	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0062	20.350	0.02000	20.476	0.30148	0.07106	15	-0.42	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0723	20.367	0.00000	20.476	0.30148	0.07106	15	-0.36	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0043	20.385	0.15000	20.476	0.30148	0.07106	15	-0.30	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	20.400	0.20000	20.476	0.30148	0.07106	15	-0.25	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0653	20.505	0.09000	20.476	0.30148	0.07106	15	0.10	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	20.535	0.03000	20.476	0.30148	0.07106	15	0.19	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	20.559	0.15900	20.476	0.30148	0.07106	15	0.27	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0028	20.620	0.04000	20.476	0.30148	0.07106	15	0.48	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	20.650	0.10000	20.476	0.30148	0.07106	15	0.58	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	20.750	0.10000	20.476	0.30148	0.07106	15	0.91	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	20.865	0.03000	20.476	0.30148	0.07106	15	1.29	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0662	20.909	0.03000	20.476	0.30148	0.07106	15	1.44	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	20.501	0.15390				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	20.620	0.16000				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	20.635	0.07000				3			0
002.04	Protein, Copper Catalyst (%)	0187	18.965	0.15000	20.716	1.0131	0.14667	6	-1.73	4%	0
002.04	Protein, Copper Catalyst (%)	0874	20.515	0.49000	20.716	1.0131	0.14667	6	-0.20	0%	0
002.04	Protein, Copper Catalyst (%)	0504	20.725	0.03000	20.716	1.0131	0.14667	6	0.01	0%	0
002.04	Protein, Copper Catalyst (%)	0728	20.730	0.00000	20.716	1.0131	0.14667	6	0.01	0%	0
002.04	Protein, Copper Catalyst (%)	2057	20.895	0.19000	20.716	1.0131	0.14667	6	0.18	0%	0
002.04	Protein, Copper Catalyst (%)	0405	25.180	0.02000	20.716	1.0131	0.14667	6	4.41	11%	0
002.05	Protein, Copper, Boric Acid (%)	0620	19.462	0.00000	20.456	0.29932	0.14003	27	-3.32	2%	0
002.05	Protein, Copper, Boric Acid (%)	0651	19.954	0.10500	20.456	0.29932	0.14003	27	-1.68	1%	0
002.05	Protein, Copper, Boric Acid (%)	2106	19.980	0.60000	20.456	0.29932	0.14003	27	-1.59	1%	0
002.05	Protein, Copper, Boric Acid (%)	0939	20.060	0.08000	20.456	0.29932	0.14003	27	-1.32	1%	0
002.05	Protein, Copper, Boric Acid (%)	2146	20.105	0.57000	20.456	0.29932	0.14003	27	-1.17	1%	0
002.05	Protein, Copper, Boric Acid (%)	2012	20.190	0.14000	20.456	0.29932	0.14003	27	-0.89	1%	0
002.05	Protein, Copper, Boric Acid (%)	2006	20.337	0.03300	20.456	0.29932	0.14003	27	-0.40	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	20.340	0.16000	20.456	0.29932	0.14003	27	-0.39	0%	0
002.05	Protein, Copper, Boric Acid (%)	0881	20.393	0.03100	20.456	0.29932	0.14003	27	-0.21	0%	0
002.05	Protein, Copper, Boric Acid (%)	0596	20.400	0.52000	20.456	0.29932	0.14003	27	-0.19	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	20.424	0.14210	20.456	0.29932	0.14003	27	-0.11	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	20.450	0.00000	20.456	0.29932	0.14003	27	-0.02	0%	0
002.05	Protein, Copper, Boric Acid (%)	0955	20.450	0.10000	20.456	0.29932	0.14003	27	-0.02	0%	0
002.05	Protein, Copper, Boric Acid (%)	0622	20.457	0.03680	20.456	0.29932	0.14003	27	0.00	0%	0
002.05	Protein, Copper, Boric Acid (%)	0552	20.490	0.06000	20.456	0.29932	0.14003	27	0.11	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	
002.05	Protein, Copper, Boric Acid (%)	0354	20.495	0.01000	20.456	0.29932	0.14003	27	0.13	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	20.500	0.00000	20.456	0.29932	0.14003	27	0.15	0%	0
002.05	Protein, Copper, Boric Acid (%)	0015	20.520	0.34000	20.456	0.29932	0.14003	27	0.21	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	20.630	0.14000	20.456	0.29932	0.14003	27	0.58	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	20.630	0.04000	20.456	0.29932	0.14003	27	0.58	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	20.650	0.12000	20.456	0.29932	0.14003	27	0.65	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	20.690	0.06000	20.456	0.29932	0.14003	27	0.78	1%	0
002.05	Protein, Copper, Boric Acid (%)	0683	20.775	0.13000	20.456	0.29932	0.14003	27	1.07	1%	0
002.05	Protein, Copper, Boric Acid (%)	0849	20.787	0.05300	20.456	0.29932	0.14003	27	1.10	1%	0
002.05	Protein, Copper, Boric Acid (%)	2073	20.810	0.18000	20.456	0.29932	0.14003	27	1.18	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	20.850	0.10000	20.456	0.29932	0.14003	27	1.32	1%	0
002.05	Protein, Copper, Boric Acid (%)	0897	20.865	0.03000	20.456	0.29932	0.14003	27	1.37	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	16.765	0.09000	20.456	0.29932	0.14003	27	-12.33	9%	2
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	19.755	0.45000	20.779	0.24421	0.14862	128	-4.19	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	19.777	0.16700	20.779	0.24421	0.14862	128	-4.10	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2051	19.968	0.68000	20.779	0.24421	0.14862	128	-3.32	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	20.035	0.25000	20.779	0.24421	0.14862	128	-3.04	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	20.270	0.32000	20.779	0.24421	0.14862	128	-2.08	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	20.305	0.03000	20.779	0.24421	0.14862	128	-1.94	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	20.350	0.30000	20.779	0.24421	0.14862	128	-1.75	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	20.400	0.20000	20.779	0.24421	0.14862	128	-1.55	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	20.400	0.40000	20.779	0.24421	0.14862	128	-1.55	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	20.438	0.00000	20.779	0.24421	0.14862	128	-1.40	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	20.440	0.06000	20.779	0.24421	0.14862	128	-1.39	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	20.440	0.10000	20.779	0.24421	0.14862	128	-1.39	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	20.450	0.10000	20.779	0.24421	0.14862	128	-1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	20.500	0.12000	20.779	0.24421	0.14862	128	-1.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	20.500	0.20000	20.779	0.24421	0.14862	128	-1.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	20.520	0.04000	20.779	0.24421	0.14862	128	-1.06	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	20.530	0.04000	20.779	0.24421	0.14862	128	-1.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	20.530	0.02000	20.779	0.24421	0.14862	128	-1.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	20.530	0.06000	20.779	0.24421	0.14862	128	-1.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	20.541	0.08500	20.779	0.24421	0.14862	128	-0.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	20.545	0.07800	20.779	0.24421	0.14862	128	-0.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	20.545	0.37000	20.779	0.24421	0.14862	128	-0.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	20.550	0.56000	20.779	0.24421	0.14862	128	-0.94	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	20.555	0.03000	20.779	0.24421	0.14862	128	-0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	20.565	0.03000	20.779	0.24421	0.14862	128	-0.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	20.570	0.22000	20.779	0.24421	0.14862	128	-0.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	20.585	0.31000	20.779	0.24421	0.14862	128	-0.79	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	20.594	0.31700	20.779	0.24421	0.14862	128	-0.76	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 (%)	0553	20.600	0.20000	20.779	0.24421	0.14862	128	-0.73	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	20.600	0.04000	20.779	0.24421	0.14862	128	-0.73	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	20.605	0.00300	20.779	0.24421	0.14862	128	-0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	20.610	0.06000	20.779	0.24421	0.14862	128	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0039	20.614	0.08400	20.779	0.24421	0.14862	128	-0.67	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	20.620	0.04000	20.779	0.24421	0.14862	128	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	20.630	0.10000	20.779	0.24421	0.14862	128	-0.61	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	20.650	0.10000	20.779	0.24421	0.14862	128	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	20.650	0.10000	20.779	0.24421	0.14862	128	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	20.655	0.03000	20.779	0.24421	0.14862	128	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	20.660	0.36000	20.779	0.24421	0.14862	128	-0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	20.660	0.06000	20.779	0.24421	0.14862	128	-0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	20.680	0.04000	20.779	0.24421	0.14862	128	-0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0123	20.685	0.03000	20.779	0.24421	0.14862	128	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	20.688	0.19800	20.779	0.24421	0.14862	128	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0596	20.690	0.22000	20.779	0.24421	0.14862	128	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	20.690	0.04000	20.779	0.24421	0.14862	128	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	20.695	0.07000	20.779	0.24421	0.14862	128	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	20.700	0.00000	20.779	0.24421	0.14862	128	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	20.700	0.02000	20.779	0.24421	0.14862	128	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	20.700	0.06000	20.779	0.24421	0.14862	128	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	20.710	0.02000	20.779	0.24421	0.14862	128	-0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	20.710	0.14000	20.779	0.24421	0.14862	128	-0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	20.715	0.31000	20.779	0.24421	0.14862	128	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	20.720	0.10000	20.779	0.24421	0.14862	128	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	20.720	0.04000	20.779	0.24421	0.14862	128	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	20.720	0.16000	20.779	0.24421	0.14862	128	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	20.732	0.05800	20.779	0.24421	0.14862	128	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	20.733	0.01600	20.779	0.24421	0.14862	128	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	20.736	0.05200	20.779	0.24421	0.14862	128	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	20.745	0.01000	20.779	0.24421	0.14862	128	-0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	20.750	0.10000	20.779	0.24421	0.14862	128	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	20.760	0.36000	20.779	0.24421	0.14862	128	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	20.770	0.30800	20.779	0.24421	0.14862	128	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0546	20.780	0.48900	20.779	0.24421	0.14862	128	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	20.780	0.30000	20.779	0.24421	0.14862	128	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	20.780	0.14600	20.779	0.24421	0.14862	128	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	20.780	0.02000	20.779	0.24421	0.14862	128	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	20.785	0.07000	20.779	0.24421	0.14862	128	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	20.790	0.20000	20.779	0.24421	0.14862	128	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	20.800	0.20000	20.779	0.24421	0.14862	128	0.09	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 (%)	0619	20.800	0.00000	20.779	0.24421	0.14862	128	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	20.805	0.03000	20.779	0.24421	0.14862	128	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	20.805	0.03000	20.779	0.24421	0.14862	128	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	20.810	0.20000	20.779	0.24421	0.14862	128	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	20.815	0.09000	20.779	0.24421	0.14862	128	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	20.820	0.02000	20.779	0.24421	0.14862	128	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	20.834	0.02500	20.779	0.24421	0.14862	128	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	20.835	0.07000	20.779	0.24421	0.14862	128	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	20.835	0.05000	20.779	0.24421	0.14862	128	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0563	20.844	0.05100	20.779	0.24421	0.14862	128	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	20.845	0.03000	20.779	0.24421	0.14862	128	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	20.850	0.10000	20.779	0.24421	0.14862	128	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	20.850	0.30000	20.779	0.24421	0.14862	128	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	20.850	0.10000	20.779	0.24421	0.14862	128	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	20.860	0.18000	20.779	0.24421	0.14862	128	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	20.860	0.06000	20.779	0.24421	0.14862	128	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	20.874	0.07500	20.779	0.24421	0.14862	128	0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	20.875	0.01000	20.779	0.24421	0.14862	128	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	20.875	0.03000	20.779	0.24421	0.14862	128	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	20.875	0.63000	20.779	0.24421	0.14862	128	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	20.880	0.02000	20.779	0.24421	0.14862	128	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	20.890	0.00000	20.779	0.24421	0.14862	128	0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	20.900	0.00000	20.779	0.24421	0.14862	128	0.50	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	20.900	0.20000	20.779	0.24421	0.14862	128	0.50	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	20.910	0.54000	20.779	0.24421	0.14862	128	0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	20.925	0.13000	20.779	0.24421	0.14862	128	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	20.925	0.07000	20.779	0.24421	0.14862	128	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	20.930	0.06000	20.779	0.24421	0.14862	128	0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	20.935	0.07000	20.779	0.24421	0.14862	128	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	20.950	0.10000	20.779	0.24421	0.14862	128	0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	20.950	0.30000	20.779	0.24421	0.14862	128	0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	20.970	0.08000	20.779	0.24421	0.14862	128	0.78	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	20.975	0.01000	20.779	0.24421	0.14862	128	0.80	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	20.975	0.11000	20.779	0.24421	0.14862	128	0.80	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2057	20.979	0.21200	20.779	0.24421	0.14862	128	0.82	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	20.980	0.18000	20.779	0.24421	0.14862	128	0.83	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	21.000	0.00000	20.779	0.24421	0.14862	128	0.91	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	21.023	0.24680	20.779	0.24421	0.14862	128	1.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	21.040	0.14000	20.779	0.24421	0.14862	128	1.07	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	21.040	0.54000	20.779	0.24421	0.14862	128	1.07	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	21.050	0.10000	20.779	0.24421	0.14862	128	1.11	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 (%)	0047	21.060	0.32000	20.779	0.24421	0.14862	128	1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	21.060	0.32000	20.779	0.24421	0.14862	128	1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	21.060	0.08000	20.779	0.24421	0.14862	128	1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	21.075	0.29000	20.779	0.24421	0.14862	128	1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	21.135	0.07000	20.779	0.24421	0.14862	128	1.46	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	21.154	0.13200	20.779	0.24421	0.14862	128	1.54	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2080	21.165	0.09000	20.779	0.24421	0.14862	128	1.58	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	21.205	0.59000	20.779	0.24421	0.14862	128	1.75	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	21.215	0.01000	20.779	0.24421	0.14862	128	1.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	21.225	0.13000	20.779	0.24421	0.14862	128	1.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	21.250	0.08000	20.779	0.24421	0.14862	128	1.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	21.315	0.09000	20.779	0.24421	0.14862	128	2.20	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	21.350	0.10000	20.779	0.24421	0.14862	128	2.34	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2150	21.430	0.28000	20.779	0.24421	0.14862	128	2.67	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	21.490	0.01100	20.779	0.24421	0.14862	128	2.91	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	21.500	0.20000	20.779	0.24421	0.14862	128	2.95	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	21.800	0.20000	20.779	0.24421	0.14862	128	4.18	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	22.675	0.35000	20.779	0.24421	0.14862	128	7.77	5%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	20.301	0.86310	20.779	0.24421	0.14862	128	-1.96	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	20.495	1.0900	20.779	0.24421	0.14862	128	-1.16	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	21.105	0.79000	20.779	0.24421	0.14862	128	1.34	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	2.5400	0.24000	20.779	0.24421	0.14862	128	-74.68	44%	2
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	7.9500	0.10000	20.779	0.24421	0.14862	128	-52.53	31%	2
002.08	Protein, Cu/Ti (%)	0563	19.522	0.32230	20.379	0.58420	0.16308	4	-1.47	2%	0
002.08	Protein, Cu/Ti (%)	0098	20.505	0.15000	20.379	0.58420	0.16308	4	0.22	0%	0
002.08	Protein, Cu/Ti (%)	0598	20.690	0.18000	20.379	0.58420	0.16308	4	0.53	1%	0
002.08	Protein, Cu/Ti (%)	0208	20.800	0.00000	20.379	0.58420	0.16308	4	0.72	1%	0
002.10	Protein, Block dig/distillation (%)	0629	21.170	0.04000				1			0
002.11	Protein, NIR (%)	0613	20.075	0.15000	22.158	2.0480	0.12111	9	-1.02	5%	0
002.11	Protein, NIR (%)	0852	20.260	0.16000	22.158	2.0480	0.12111	9	-0.93	4%	0
002.11	Protein, NIR (%)	0889	20.655	0.13000	22.158	2.0480	0.12111	9	-0.73	3%	0
002.11	Protein, NIR (%)	0011	21.430	0.18000	22.158	2.0480	0.12111	9	-0.36	2%	0
002.11	Protein, NIR (%)	0596	21.620	0.00000	22.158	2.0480	0.12111	9	-0.26	1%	0
002.11	Protein, NIR (%)	0297	22.635	0.05000	22.158	2.0480	0.12111	9	0.23	1%	0
002.11	Protein, NIR (%)	2121	23.390	0.28000	22.158	2.0480	0.12111	9	0.60	3%	0
002.11	Protein, NIR (%)	2120	24.130	0.10000	22.158	2.0480	0.12111	9	0.96	4%	0
002.11	Protein, NIR (%)	0720	25.940	0.04000	22.158	2.0480	0.12111	9	1.85	9%	0
002.99	Protein, Miscellaneous (%)	2105	20.065	0.13000	20.699	0.54219	0.11460	5	-1.17	2%	0
002.99	Protein, Miscellaneous (%)	2004	20.650	0.10000	20.699	0.54219	0.11460	5	-0.09	0%	0
002.99	Protein, Miscellaneous (%)	0644	20.691	0.19300	20.699	0.54219	0.11460	5	-0.02	0%	0
002.99	Protein, Miscellaneous (%)	0643	21.390	0.06000	20.699	0.54219	0.11460	5	1.27	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	
002.99	Protein, Miscellaneous (%)	0681	25.735	0.09000	20.699	0.54219	0.11460	5	9.29	12%	0
003.00	Fat, Eth Ext., Direct (%)	0345	4.9750	0.15000	5.5462	0.43643	0.12079	14	-1.31	5%	0
003.00	Fat, Eth Ext., Direct (%)	0939	5.0550	0.13000	5.5462	0.43643	0.12079	14	-1.13	4%	0
003.00	Fat, Eth Ext., Direct (%)	0142	5.0900	0.08000	5.5462	0.43643	0.12079	14	-1.05	4%	0
003.00	Fat, Eth Ext., Direct (%)	2106	5.1200	0.36000	5.5462	0.43643	0.12079	14	-0.98	4%	0
003.00	Fat, Eth Ext., Direct (%)	0596	5.2250	0.13000	5.5462	0.43643	0.12079	14	-0.74	3%	0
003.00	Fat, Eth Ext., Direct (%)	0615	5.5150	0.17000	5.5462	0.43643	0.12079	14	-0.07	0%	0
003.00	Fat, Eth Ext., Direct (%)	0653	5.5900	0.02000	5.5462	0.43643	0.12079	14	0.10	0%	0
003.00	Fat, Eth Ext., Direct (%)	2053	5.7050	0.05000	5.5462	0.43643	0.12079	14	0.36	1%	0
003.00	Fat, Eth Ext., Direct (%)	0885	5.7511	0.12940	5.5462	0.43643	0.12079	14	0.47	2%	0
003.00	Fat, Eth Ext., Direct (%)	0354	5.8250	0.01000	5.5462	0.43643	0.12079	14	0.64	3%	0
003.00	Fat, Eth Ext., Direct (%)	0026	5.8700	0.20000	5.5462	0.43643	0.12079	14	0.74	3%	0
003.00	Fat, Eth Ext., Direct (%)	0175	5.8700	0.04000	5.5462	0.43643	0.12079	14	0.74	3%	0
003.00	Fat, Eth Ext., Direct (%)	2109	5.8800	0.16000	5.5462	0.43643	0.12079	14	0.76	3%	0
003.00	Fat, Eth Ext., Direct (%)	0309	6.1756	0.06170	5.5462	0.43643	0.12079	14	1.44	6%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	6.3700	1.0000				1			0
003.06	Fat, Pet Ether (%)	0918	4.1250	0.11000	5.6206	0.24199	0.09173	16	-6.18	13%	0
003.06	Fat, Pet Ether (%)	0563	5.2715	0.09770	5.6206	0.24199	0.09173	16	-1.44	3%	0
003.06	Fat, Pet Ether (%)	0294	5.3250	0.01000	5.6206	0.24199	0.09173	16	-1.22	3%	0
003.06	Fat, Pet Ether (%)	0164	5.4750	0.03000	5.6206	0.24199	0.09173	16	-0.60	1%	0
003.06	Fat, Pet Ether (%)	0682	5.4800	0.00000	5.6206	0.24199	0.09173	16	-0.58	1%	0
003.06	Fat, Pet Ether (%)	0425	5.4950	0.03000	5.6206	0.24199	0.09173	16	-0.52	1%	0
003.06	Fat, Pet Ether (%)	0687	5.6000	0.20000	5.6206	0.24199	0.09173	16	-0.08	0%	0
003.06	Fat, Pet Ether (%)	0297	5.6100	0.00000	5.6206	0.24199	0.09173	16	-0.04	0%	0
003.06	Fat, Pet Ether (%)	0552	5.7200	0.00000	5.6206	0.24199	0.09173	16	0.41	1%	0
003.06	Fat, Pet Ether (%)	0511	5.7750	0.23000	5.6206	0.24199	0.09173	16	0.64	1%	0
003.06	Fat, Pet Ether (%)	0229	5.7850	0.15000	5.6206	0.24199	0.09173	16	0.68	1%	0
003.06	Fat, Pet Ether (%)	0083	5.8000	0.08000	5.6206	0.24199	0.09173	16	0.74	2%	0
003.06	Fat, Pet Ether (%)	0884	5.8000	0.00000	5.6206	0.24199	0.09173	16	0.74	2%	0
003.06	Fat, Pet Ether (%)	0910	5.8000	0.12000	5.6206	0.24199	0.09173	16	0.74	2%	0
003.06	Fat, Pet Ether (%)	0148	5.8150	0.03000	5.6206	0.24199	0.09173	16	0.80	2%	0
003.06	Fat, Pet Ether (%)	0852	5.9200	0.38000	5.6206	0.24199	0.09173	16	1.24	3%	0
003.06	Fat, Pet Ether (%)	0300	5.6135	0.63760	5.6206	0.24199	0.09173	16	-0.03	0%	1
003.09	Fat, Soxtec, Eth Ext (%)	0675	5.0800	0.12000	5.7085	0.30178	0.09779	17	-2.08	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	5.1300	0.04000	5.7085	0.30178	0.09779	17	-1.92	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	5.1500	0.10000	5.7085	0.30178	0.09779	17	-1.85	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0512	5.4925	0.12900	5.7085	0.30178	0.09779	17	-0.72	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	5.5200	0.48000	5.7085	0.30178	0.09779	17	-0.62	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	5.5550	0.09000	5.7085	0.30178	0.09779	17	-0.51	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	5.7600	0.06000	5.7085	0.30178	0.09779	17	0.17	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	5.8000	0.02000	5.7085	0.30178	0.09779	17	0.30	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	
003.09	Fat, Soxtec, Eth Ext (%)	0353	5.8000	0.04000	5.7085	0.30178	0.09779	17	0.30	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	5.8322	0.17340	5.7085	0.30178	0.09779	17	0.41	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	5.8450	0.19000	5.7085	0.30178	0.09779	17	0.45	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	5.8800	0.02000	5.7085	0.30178	0.09779	17	0.57	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	5.8800	0.00000	5.7085	0.30178	0.09779	17	0.57	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	5.9200	0.00000	5.7085	0.30178	0.09779	17	0.70	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	5.9500	0.10000	5.7085	0.30178	0.09779	17	0.80	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	5.9930	0.00000	5.7085	0.30178	0.09779	17	0.94	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	6.0500	0.10000	5.7085	0.30178	0.09779	17	1.13	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	5.5750	0.65000	5.7085	0.30178	0.09779	17	-0.44	1%	1
003.10	Fat, Soxtec, Pet Ether (%)	2073	4.6500	0.02000	5.6187	0.25572	0.13464	29	-3.79	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	4.9900	0.02000	5.6187	0.25572	0.13464	29	-2.46	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0968	5.2175	0.39100	5.6187	0.25572	0.13464	29	-1.57	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	2068	5.3050	0.01000	5.6187	0.25572	0.13464	29	-1.23	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0662	5.3625	0.10510	5.6187	0.25572	0.13464	29	-1.00	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	5.3800	0.02000	5.6187	0.25572	0.13464	29	-0.93	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	5.3900	0.16000	5.6187	0.25572	0.13464	29	-0.89	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	5.4187	0.06540	5.6187	0.25572	0.13464	29	-0.78	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	5.4550	0.23000	5.6187	0.25572	0.13464	29	-0.64	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	5.4900	0.10000	5.6187	0.25572	0.13464	29	-0.50	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	5.5000	0.00000	5.6187	0.25572	0.13464	29	-0.46	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	5.6175	0.11700	5.6187	0.25572	0.13464	29	0.00	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	5.6450	0.01000	5.6187	0.25572	0.13464	29	0.10	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	5.6500	0.02000	5.6187	0.25572	0.13464	29	0.12	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	5.6750	0.29000	5.6187	0.25572	0.13464	29	0.22	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	5.6900	0.22000	5.6187	0.25572	0.13464	29	0.28	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	5.7000	0.00000	5.6187	0.25572	0.13464	29	0.32	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	5.7100	0.06000	5.6187	0.25572	0.13464	29	0.36	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	5.7650	0.27000	5.6187	0.25572	0.13464	29	0.57	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	5.7900	0.10000	5.6187	0.25572	0.13464	29	0.67	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	5.7902	0.24620	5.6187	0.25572	0.13464	29	0.67	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	5.8200	0.02000	5.6187	0.25572	0.13464	29	0.79	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	5.8200	0.08000	5.6187	0.25572	0.13464	29	0.79	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	5.8250	0.05000	5.6187	0.25572	0.13464	29	0.81	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	5.8250	0.09000	5.6187	0.25572	0.13464	29	0.81	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	5.8400	0.06000	5.6187	0.25572	0.13464	29	0.87	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	5.8500	0.04000	5.6187	0.25572	0.13464	29	0.90	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	5.9200	0.34000	5.6187	0.25572	0.13464	29	1.18	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	6.5250	0.77000	5.6187	0.25572	0.13464	29	3.54	8%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	5.9555	0.94100	5.6187	0.25572	0.13464	29	1.32	3%	1
003.11	Fat, NIR (%)	0720	4.4050	0.05000	5.4756	0.45128	0.02600	10	-2.37	10%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.11	Fat, NIR (%)	0889	5.0650	0.01000	5.4756	0.45128	0.02600	10	-0.91	4%	0
003.11	Fat, NIR (%)	2120	5.1250	0.03000	5.4756	0.45128	0.02600	10	-0.78	3%	0
003.11	Fat, NIR (%)	0852	5.4250	0.05000	5.4756	0.45128	0.02600	10	-0.11	0%	0
003.11	Fat, NIR (%)	0613	5.4900	0.00000	5.4756	0.45128	0.02600	10	0.03	0%	0
003.11	Fat, NIR (%)	2121	5.5500	0.10000	5.4756	0.45128	0.02600	10	0.16	1%	0
003.11	Fat, NIR (%)	0011	5.6050	0.01000	5.4756	0.45128	0.02600	10	0.29	1%	0
003.11	Fat, NIR (%)	0297	5.6750	0.01000	5.4756	0.45128	0.02600	10	0.44	2%	0
003.11	Fat, NIR (%)	0596	5.8700	0.00000	5.4756	0.45128	0.02600	10	0.87	4%	0
003.11	Fat, NIR (%)	2135	6.2000	0.00000	5.4756	0.45128	0.02600	10	1.61	7%	0
003.12	Fat, Hexane Ext (%)	0940	4.7600	0.46000	5.3088	0.46816	0.17250	4	-1.17	5%	0
003.12	Fat, Hexane Ext (%)	0028	5.0950	0.11000	5.3088	0.46816	0.17250	4	-0.46	2%	0
003.12	Fat, Hexane Ext (%)	0897	5.5900	0.04000	5.3088	0.46816	0.17250	4	0.60	3%	0
003.12	Fat, Hexane Ext (%)	0171	5.7900	0.08000	5.3088	0.46816	0.17250	4	1.03	5%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	4.9800	0.88000	5.6291	0.43868	0.28515	10	-1.48	6%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	5.3050	0.23000	5.6291	0.43868	0.28515	10	-0.74	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	5.3250	0.11000	5.6291	0.43868	0.28515	10	-0.69	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0039	5.4412	0.44850	5.6291	0.43868	0.28515	10	-0.43	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	5.5400	0.18000	5.6291	0.43868	0.28515	10	-0.20	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	5.7175	0.02300	5.6291	0.43868	0.28515	10	0.20	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	5.7850	0.01000	5.6291	0.43868	0.28515	10	0.36	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	5.8950	0.03000	5.6291	0.43868	0.28515	10	0.61	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	6.0150	0.11000	5.6291	0.43868	0.28515	10	0.88	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	6.3450	0.83000	5.6291	0.43868	0.28515	10	1.63	6%	0
003.14	Fat, Ankom (%)	0175	3.8450	0.05000	4.8467	0.41321	0.16908	40	-2.42	10%	0
003.14	Fat, Ankom (%)	0613	4.0800	0.08000	4.8467	0.41321	0.16908	40	-1.86	8%	0
003.14	Fat, Ankom (%)	0574	4.1100	0.06000	4.8467	0.41321	0.16908	40	-1.78	8%	0
003.14	Fat, Ankom (%)	0066	4.3300	0.08000	4.8467	0.41321	0.16908	40	-1.25	5%	0
003.14	Fat, Ankom (%)	0144	4.4000	0.32000	4.8467	0.41321	0.16908	40	-1.08	5%	0
003.14	Fat, Ankom (%)	0358	4.4600	0.14000	4.8467	0.41321	0.16908	40	-0.94	4%	0
003.14	Fat, Ankom (%)	2075	4.5150	0.01000	4.8467	0.41321	0.16908	40	-0.80	3%	0
003.14	Fat, Ankom (%)	0202	4.5400	0.08000	4.8467	0.41321	0.16908	40	-0.74	3%	0
003.14	Fat, Ankom (%)	0229	4.5450	0.31000	4.8467	0.41321	0.16908	40	-0.73	3%	0
003.14	Fat, Ankom (%)	2129	4.5600	0.12000	4.8467	0.41321	0.16908	40	-0.69	3%	0
003.14	Fat, Ankom (%)	0034	4.5850	0.27000	4.8467	0.41321	0.16908	40	-0.63	3%	0
003.14	Fat, Ankom (%)	0037	4.6000	0.08000	4.8467	0.41321	0.16908	40	-0.60	3%	0
003.14	Fat, Ankom (%)	0956	4.6500	0.10000	4.8467	0.41321	0.16908	40	-0.48	2%	0
003.14	Fat, Ankom (%)	0955	4.7000	0.08000	4.8467	0.41321	0.16908	40	-0.35	2%	0
003.14	Fat, Ankom (%)	0049	4.7200	0.32000	4.8467	0.41321	0.16908	40	-0.31	1%	0
003.14	Fat, Ankom (%)	0581	4.7200	0.06000	4.8467	0.41321	0.16908	40	-0.31	1%	0
003.14	Fat, Ankom (%)	0357	4.7500	0.10000	4.8467	0.41321	0.16908	40	-0.23	1%	0
003.14	Fat, Ankom (%)	0692	4.7500	0.70000	4.8467	0.41321	0.16908	40	-0.23	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Ankom (%)	0019	4.8050	0.29000	4.8467	0.41321	0.16908	40	-0.10	0%	0
003.14	Fat, Ankom (%)	0598	4.8050	0.01000	4.8467	0.41321	0.16908	40	-0.10	0%	0
003.14	Fat, Ankom (%)	0089	4.8200	0.00000	4.8467	0.41321	0.16908	40	-0.06	0%	0
003.14	Fat, Ankom (%)	0968	4.8295	0.03300	4.8467	0.41321	0.16908	40	-0.04	0%	0
003.14	Fat, Ankom (%)	0407	4.8310	0.13810	4.8467	0.41321	0.16908	40	-0.04	0%	0
003.14	Fat, Ankom (%)	0001	4.8860	0.02200	4.8467	0.41321	0.16908	40	0.10	0%	0
003.14	Fat, Ankom (%)	0683	4.9300	0.16000	4.8467	0.41321	0.16908	40	0.20	1%	0
003.14	Fat, Ankom (%)	0876	4.9350	0.07000	4.8467	0.41321	0.16908	40	0.21	1%	0
003.14	Fat, Ankom (%)	0843	4.9550	0.67000	4.8467	0.41321	0.16908	40	0.26	1%	0
003.14	Fat, Ankom (%)	0619	4.9700	0.18000	4.8467	0.41321	0.16908	40	0.30	1%	0
003.14	Fat, Ankom (%)	0278	5.0000	0.40000	4.8467	0.41321	0.16908	40	0.37	2%	0
003.14	Fat, Ankom (%)	0868	5.0100	0.10000	4.8467	0.41321	0.16908	40	0.40	2%	0
003.14	Fat, Ankom (%)	0265	5.2350	0.01000	4.8467	0.41321	0.16908	40	0.94	4%	0
003.14	Fat, Ankom (%)	0848	5.2500	0.22000	4.8467	0.41321	0.16908	40	0.98	4%	0
003.14	Fat, Ankom (%)	0009	5.2600	0.12000	4.8467	0.41321	0.16908	40	1.00	4%	0
003.14	Fat, Ankom (%)	0004	5.3150	0.23000	4.8467	0.41321	0.16908	40	1.13	5%	0
003.14	Fat, Ankom (%)	0726	5.3550	0.03000	4.8467	0.41321	0.16908	40	1.23	5%	0
003.14	Fat, Ankom (%)	0948	5.3600	0.08000	4.8467	0.41321	0.16908	40	1.24	5%	0
003.14	Fat, Ankom (%)	0015	5.4100	0.18000	4.8467	0.41321	0.16908	40	1.36	6%	0
003.14	Fat, Ankom (%)	0108	5.6050	0.57000	4.8467	0.41321	0.16908	40	1.84	8%	0
003.14	Fat, Ankom (%)	0190	5.7050	0.03000	4.8467	0.41321	0.16908	40	2.08	9%	0
003.14	Fat, Ankom (%)	0529	6.2300	0.26000	4.8467	0.41321	0.16908	40	3.35	14%	0
003.99	Fat, Miscellaneous (%)	2080	4.7000	0.00000	5.9657	0.66831	0.12222	9	-1.89	11%	0
003.99	Fat, Miscellaneous (%)	0546	5.4450	0.15000	5.9657	0.66831	0.12222	9	-0.78	4%	0
003.99	Fat, Miscellaneous (%)	0644	5.7450	0.11000	5.9657	0.66831	0.12222	9	-0.33	2%	0
003.99	Fat, Miscellaneous (%)	0016	5.8450	0.37000	5.9657	0.66831	0.12222	9	-0.18	1%	0
003.99	Fat, Miscellaneous (%)	0875	6.0100	0.00000	5.9657	0.66831	0.12222	9	0.07	0%	0
003.99	Fat, Miscellaneous (%)	0047	6.0300	0.00000	5.9657	0.66831	0.12222	9	0.10	1%	0
003.99	Fat, Miscellaneous (%)	0941	6.0550	0.25000	5.9657	0.66831	0.12222	9	0.13	1%	0
003.99	Fat, Miscellaneous (%)	1019	6.6300	0.22000	5.9657	0.66831	0.12222	9	0.99	6%	0
003.99	Fat, Miscellaneous (%)	0880	10.000	0.00000	5.9657	0.66831	0.12222	9	6.04	34%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	2.1250	0.05000	2.6272	0.32922	0.18274	16	-1.53	10%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	2.3450	0.09000	2.6272	0.32922	0.18274	16	-0.86	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0596	2.3550	0.05000	2.6272	0.32922	0.18274	16	-0.83	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	2.4093	0.12380	2.6272	0.32922	0.18274	16	-0.66	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	2.5000	0.00000	2.6272	0.32922	0.18274	16	-0.39	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	2.5000	0.00000	2.6272	0.32922	0.18274	16	-0.39	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	2.5050	0.05000	2.6272	0.32922	0.18274	16	-0.37	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	2.5100	0.18000	2.6272	0.32922	0.18274	16	-0.36	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	2.5450	0.09000	2.6272	0.32922	0.18274	16	-0.25	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	2.6500	0.30000	2.6272	0.32922	0.18274	16	0.07	0%	0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.00	Fiber, Crude, Asbestos Free (%)	0298	2.7000	0.20000	2.6272	0.32922	0.18274	16	0.22	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	2.7150	0.13000	2.6272	0.32922	0.18274	16	0.27	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	2.8500	0.10000	2.6272	0.32922	0.18274	16	0.68	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	3.0750	0.69000	2.6272	0.32922	0.18274	16	1.36	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	3.1850	0.45000	2.6272	0.32922	0.18274	16	1.69	11%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	3.4400	0.42000	2.6272	0.32922	0.18274	16	2.47	15%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	2.9500	1.1000	2.6272	0.32922	0.18274	16	0.98	6%	1
004.01	Fiber, Sing Filt (%)	0366	3.1000	0.80000				1			0
004.03	Fiber, Fritted Glass (%)	2089	1.1400	0.14000	2.3783	1.0017	0.09667	6	-1.24	26%	0
004.03	Fiber, Fritted Glass (%)	0921	1.7900	0.08000	2.3783	1.0017	0.09667	6	-0.59	12%	0
004.03	Fiber, Fritted Glass (%)	0626	2.0900	0.10000	2.3783	1.0017	0.09667	6	-0.29	6%	0
004.03	Fiber, Fritted Glass (%)	0353	2.6950	0.03000	2.3783	1.0017	0.09667	6	0.32	7%	0
004.03	Fiber, Fritted Glass (%)	0693	2.9450	0.15000	2.3783	1.0017	0.09667	6	0.57	12%	0
004.03	Fiber, Fritted Glass (%)	0045	3.6100	0.08000	2.3783	1.0017	0.09667	6	1.23	26%	0
004.06	Fiber, Fibertec (%)	2022	1.9800	0.02000	2.6449	0.45513	0.11053	23	-1.46	13%	0
004.06	Fiber, Fibertec (%)	0675	1.9900	0.30000	2.6449	0.45513	0.11053	23	-1.44	12%	0
004.06	Fiber, Fibertec (%)	0590	2.1550	0.23000	2.6449	0.45513	0.11053	23	-1.08	9%	0
004.06	Fiber, Fibertec (%)	0948	2.1750	0.03000	2.6449	0.45513	0.11053	23	-1.03	9%	0
004.06	Fiber, Fibertec (%)	0098	2.3800	0.04000	2.6449	0.45513	0.11053	23	-0.58	5%	0
004.06	Fiber, Fibertec (%)	0968	2.3910	0.07000	2.6449	0.45513	0.11053	23	-0.56	5%	0
004.06	Fiber, Fibertec (%)	0689	2.4000	0.00000	2.6449	0.45513	0.11053	23	-0.54	5%	0
004.06	Fiber, Fibertec (%)	0512	2.4460	0.05400	2.6449	0.45513	0.11053	23	-0.44	4%	0
004.06	Fiber, Fibertec (%)	2006	2.4750	0.09000	2.6449	0.45513	0.11053	23	-0.37	3%	0
004.06	Fiber, Fibertec (%)	0885	2.5123	0.14220	2.6449	0.45513	0.11053	23	-0.29	3%	0
004.06	Fiber, Fibertec (%)	0723	2.6203	0.00000	2.6449	0.45513	0.11053	23	-0.05	0%	0
004.06	Fiber, Fibertec (%)	2068	2.6400	0.06000	2.6449	0.45513	0.11053	23	-0.01	0%	0
004.06	Fiber, Fibertec (%)	0674	2.6600	0.00000	2.6449	0.45513	0.11053	23	0.03	0%	0
004.06	Fiber, Fibertec (%)	0941	2.7100	0.08000	2.6449	0.45513	0.11053	23	0.14	1%	0
004.06	Fiber, Fibertec (%)	0897	2.7150	0.33000	2.6449	0.45513	0.11053	23	0.15	1%	0
004.06	Fiber, Fibertec (%)	0205	2.7900	0.08000	2.6449	0.45513	0.11053	23	0.32	3%	0
004.06	Fiber, Fibertec (%)	0027	2.7950	0.05000	2.6449	0.45513	0.11053	23	0.33	3%	0
004.06	Fiber, Fibertec (%)	0609	2.8000	0.18000	2.6449	0.45513	0.11053	23	0.34	3%	0
004.06	Fiber, Fibertec (%)	0868	2.9900	0.14000	2.6449	0.45513	0.11053	23	0.76	7%	0
004.06	Fiber, Fibertec (%)	0720	3.2250	0.15000	2.6449	0.45513	0.11053	23	1.27	11%	0
004.06	Fiber, Fibertec (%)	2080	3.4130	0.13600	2.6449	0.45513	0.11053	23	1.69	15%	0
004.06	Fiber, Fibertec (%)	0728	3.7200	0.24000	2.6449	0.45513	0.11053	23	2.36	20%	0
004.06	Fiber, Fibertec (%)	0918	5.6400	0.12000	2.6449	0.45513	0.11053	23	6.58	57%	0
004.07	Fiber, ANKOM (%)	2012	1.4750	0.05000	2.4017	0.45328	0.14462	63	-2.04	19%	0
004.07	Fiber, ANKOM (%)	0123	1.5100	0.10000	2.4017	0.45328	0.14462	63	-1.97	19%	0
004.07	Fiber, ANKOM (%)	0563	1.5706	0.04380	2.4017	0.45328	0.14462	63	-1.83	17%	0
004.07	Fiber, ANKOM (%)	0505	1.7250	0.09000	2.4017	0.45328	0.14462	63	-1.49	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	
004.07	Fiber, ANKOM (%)	0619	1.7400	0.14000	2.4017	0.45328	0.14462	63	-1.46	14%	0
004.07	Fiber, ANKOM (%)	0035	1.7650	0.07000	2.4017	0.45328	0.14462	63	-1.40	13%	0
004.07	Fiber, ANKOM (%)	0026	1.8500	0.10000	2.4017	0.45328	0.14462	63	-1.22	11%	0
004.07	Fiber, ANKOM (%)	0726	1.8850	0.05000	2.4017	0.45328	0.14462	63	-1.14	11%	0
004.07	Fiber, ANKOM (%)	0144	1.9000	0.02000	2.4017	0.45328	0.14462	63	-1.11	10%	0
004.07	Fiber, ANKOM (%)	0004	1.9400	0.08000	2.4017	0.45328	0.14462	63	-1.02	10%	0
004.07	Fiber, ANKOM (%)	0229	2.0500	0.10000	2.4017	0.45328	0.14462	63	-0.78	7%	0
004.07	Fiber, ANKOM (%)	0683	2.0600	0.16000	2.4017	0.45328	0.14462	63	-0.75	7%	0
004.07	Fiber, ANKOM (%)	2053	2.0650	0.03000	2.4017	0.45328	0.14462	63	-0.74	7%	0
004.07	Fiber, ANKOM (%)	0042	2.1000	0.18000	2.4017	0.45328	0.14462	63	-0.67	6%	0
004.07	Fiber, ANKOM (%)	0910	2.1000	0.40000	2.4017	0.45328	0.14462	63	-0.67	6%	0
004.07	Fiber, ANKOM (%)	0552	2.1050	0.01000	2.4017	0.45328	0.14462	63	-0.65	6%	0
004.07	Fiber, ANKOM (%)	0033	2.1400	0.04000	2.4017	0.45328	0.14462	63	-0.58	5%	0
004.07	Fiber, ANKOM (%)	0098	2.1750	0.19000	2.4017	0.45328	0.14462	63	-0.50	5%	0
004.07	Fiber, ANKOM (%)	0529	2.1750	0.03000	2.4017	0.45328	0.14462	63	-0.50	5%	0
004.07	Fiber, ANKOM (%)	0100	2.1850	0.09000	2.4017	0.45328	0.14462	63	-0.48	5%	0
004.07	Fiber, ANKOM (%)	0265	2.2000	0.20000	2.4017	0.45328	0.14462	63	-0.44	4%	0
004.07	Fiber, ANKOM (%)	0297	2.2050	0.13000	2.4017	0.45328	0.14462	63	-0.43	4%	0
004.07	Fiber, ANKOM (%)	0861	2.2250	0.13000	2.4017	0.45328	0.14462	63	-0.39	4%	0
004.07	Fiber, ANKOM (%)	0948	2.2300	0.08000	2.4017	0.45328	0.14462	63	-0.38	4%	0
004.07	Fiber, ANKOM (%)	0038	2.2400	0.20000	2.4017	0.45328	0.14462	63	-0.36	3%	0
004.07	Fiber, ANKOM (%)	0028	2.2500	0.30000	2.4017	0.45328	0.14462	63	-0.33	3%	0
004.07	Fiber, ANKOM (%)	0015	2.2550	0.13000	2.4017	0.45328	0.14462	63	-0.32	3%	0
004.07	Fiber, ANKOM (%)	0202	2.2950	0.23000	2.4017	0.45328	0.14462	63	-0.24	2%	0
004.07	Fiber, ANKOM (%)	0553	2.3450	0.17000	2.4017	0.45328	0.14462	63	-0.13	1%	0
004.07	Fiber, ANKOM (%)	0708	2.3450	0.03000	2.4017	0.45328	0.14462	63	-0.13	1%	0
004.07	Fiber, ANKOM (%)	0294	2.3500	0.30000	2.4017	0.45328	0.14462	63	-0.11	1%	0
004.07	Fiber, ANKOM (%)	0009	2.3850	0.07000	2.4017	0.45328	0.14462	63	-0.04	0%	0
004.07	Fiber, ANKOM (%)	0510	2.4000	0.20000	2.4017	0.45328	0.14462	63	0.00	0%	0
004.07	Fiber, ANKOM (%)	0939	2.4450	0.05000	2.4017	0.45328	0.14462	63	0.10	1%	0
004.07	Fiber, ANKOM (%)	0278	2.4500	0.10000	2.4017	0.45328	0.14462	63	0.11	1%	0
004.07	Fiber, ANKOM (%)	0682	2.5000	0.00000	2.4017	0.45328	0.14462	63	0.22	2%	0
004.07	Fiber, ANKOM (%)	0653	2.5150	0.01000	2.4017	0.45328	0.14462	63	0.25	2%	0
004.07	Fiber, ANKOM (%)	2109	2.5150	0.11000	2.4017	0.45328	0.14462	63	0.25	2%	0
004.07	Fiber, ANKOM (%)	0003	2.5300	0.24000	2.4017	0.45328	0.14462	63	0.28	3%	0
004.07	Fiber, ANKOM (%)	0646	2.5350	0.39000	2.4017	0.45328	0.14462	63	0.29	3%	0
004.07	Fiber, ANKOM (%)	0870	2.5446	0.09660	2.4017	0.45328	0.14462	63	0.32	3%	0
004.07	Fiber, ANKOM (%)	0598	2.5500	0.14000	2.4017	0.45328	0.14462	63	0.33	3%	0
004.07	Fiber, ANKOM (%)	0083	2.5850	0.09000	2.4017	0.45328	0.14462	63	0.40	4%	0
004.07	Fiber, ANKOM (%)	0968	2.5980	0.04400	2.4017	0.45328	0.14462	63	0.43	4%	0
004.07	Fiber, ANKOM (%)	0190	2.6000	0.20000	2.4017	0.45328	0.14462	63	0.44	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	
004.07	Fiber, ANKOM (%)	0066	2.6400	0.18000	2.4017	0.45328	0.14462	63	0.53	5%	0
004.07	Fiber, ANKOM (%)	0956	2.6500	0.10000	2.4017	0.45328	0.14462	63	0.55	5%	0
004.07	Fiber, ANKOM (%)	0849	2.6575	0.02500	2.4017	0.45328	0.14462	63	0.56	5%	0
004.07	Fiber, ANKOM (%)	0089	2.7350	0.01000	2.4017	0.45328	0.14462	63	0.74	7%	0
004.07	Fiber, ANKOM (%)	0581	2.7500	0.10000	2.4017	0.45328	0.14462	63	0.77	7%	0
004.07	Fiber, ANKOM (%)	0074	2.7950	0.39000	2.4017	0.45328	0.14462	63	0.87	8%	0
004.07	Fiber, ANKOM (%)	0613	2.8000	0.14000	2.4017	0.45328	0.14462	63	0.88	8%	0
004.07	Fiber, ANKOM (%)	2075	2.8000	0.20000	2.4017	0.45328	0.14462	63	0.88	8%	0
004.07	Fiber, ANKOM (%)	0876	2.8300	0.06000	2.4017	0.45328	0.14462	63	0.94	9%	0
004.07	Fiber, ANKOM (%)	0955	2.8350	0.07000	2.4017	0.45328	0.14462	63	0.96	9%	0
004.07	Fiber, ANKOM (%)	0848	3.0400	0.08000	2.4017	0.45328	0.14462	63	1.41	13%	0
004.07	Fiber, ANKOM (%)	0019	3.0650	0.33000	2.4017	0.45328	0.14462	63	1.46	14%	0
004.07	Fiber, ANKOM (%)	0643	3.0900	0.20000	2.4017	0.45328	0.14462	63	1.52	14%	0
004.07	Fiber, ANKOM (%)	0354	3.1800	0.02000	2.4017	0.45328	0.14462	63	1.72	16%	0
004.07	Fiber, ANKOM (%)	0016	3.1900	0.42000	2.4017	0.45328	0.14462	63	1.74	16%	0
004.07	Fiber, ANKOM (%)	0034	3.2000	0.44000	2.4017	0.45328	0.14462	63	1.76	17%	0
004.07	Fiber, ANKOM (%)	0407	3.6242	0.21190	2.4017	0.45328	0.14462	63	2.70	25%	0
004.07	Fiber, ANKOM (%)	0242	3.7100	0.52000	2.4017	0.45328	0.14462	63	2.89	27%	0
004.07	Fiber, ANKOM (%)	0692	2.8500	0.70000	2.4017	0.45328	0.14462	63	0.99	9%	1
004.11	Fiber, NIR (%)	0596	1.8300	0.00000	2.5490	0.57847	0.05375	8	-1.24	14%	0
004.11	Fiber, NIR (%)	0011	1.9700	0.06000	2.5490	0.57847	0.05375	8	-1.00	11%	0
004.11	Fiber, NIR (%)	0720	2.4000	0.00000	2.5490	0.57847	0.05375	8	-0.26	3%	0
004.11	Fiber, NIR (%)	0613	2.4800	0.14000	2.5490	0.57847	0.05375	8	-0.12	1%	0
004.11	Fiber, NIR (%)	0889	2.6350	0.03000	2.5490	0.57847	0.05375	8	0.15	2%	0
004.11	Fiber, NIR (%)	2121	2.7200	0.02000	2.5490	0.57847	0.05375	8	0.30	3%	0
004.11	Fiber, NIR (%)	2120	2.9400	0.14000	2.5490	0.57847	0.05375	8	0.68	8%	0
004.11	Fiber, NIR (%)	0852	3.9600	0.04000	2.5490	0.57847	0.05375	8	2.44	28%	0
004.99	Fiber, Miscellaneous (%)	0629	1.8250	0.05000	2.3225	0.45259	0.18700	4	-1.10	11%	0
004.99	Fiber, Miscellaneous (%)	0610	2.1500	0.10000	2.3225	0.45259	0.18700	4	-0.38	4%	0
004.99	Fiber, Miscellaneous (%)	0940	2.4200	0.28000	2.3225	0.45259	0.18700	4	0.22	2%	0
004.99	Fiber, Miscellaneous (%)	0644	2.8950	0.31800	2.3225	0.45259	0.18700	4	1.26	12%	0
005.00	Ash, 2h @ 600°C (%)	0874	5.7500	0.16000	6.4549	0.15320	0.06740	100	-4.60	5%	0
005.00	Ash, 2h @ 600°C (%)	0876	5.9050	0.03000	6.4549	0.15320	0.06740	100	-3.59	4%	0
005.00	Ash, 2h @ 600°C (%)	0169	6.0900	0.10000	6.4549	0.15320	0.06740	100	-2.38	3%	0
005.00	Ash, 2h @ 600°C (%)	0529	6.1400	0.38000	6.4549	0.15320	0.06740	100	-2.06	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	6.1800	0.20000	6.4549	0.15320	0.06740	100	-1.79	2%	0
005.00	Ash, 2h @ 600°C (%)	0049	6.2200	0.00000	6.4549	0.15320	0.06740	100	-1.53	2%	0
005.00	Ash, 2h @ 600°C (%)	0208	6.2200	0.06000	6.4549	0.15320	0.06740	100	-1.53	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	6.2250	0.01000	6.4549	0.15320	0.06740	100	-1.50	2%	0
005.00	Ash, 2h @ 600°C (%)	0144	6.2400	0.04000	6.4549	0.15320	0.06740	100	-1.40	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	6.2500	0.00000	6.4549	0.15320	0.06740	100	-1.34	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0148	6.2500	0.04000	6.4549	0.15320	0.06740	100	-1.34	2%	0
005.00	Ash, 2h @ 600°C (%)	0552	6.2500	0.00000	6.4549	0.15320	0.06740	100	-1.34	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	6.2700	0.14000	6.4549	0.15320	0.06740	100	-1.21	1%	0
005.00	Ash, 2h @ 600°C (%)	0957	6.2750	0.13000	6.4549	0.15320	0.06740	100	-1.17	1%	0
005.00	Ash, 2h @ 600°C (%)	0881	6.2855	0.03100	6.4549	0.15320	0.06740	100	-1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0620	6.2893	0.03000	6.4549	0.15320	0.06740	100	-1.08	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	6.2950	0.01000	6.4549	0.15320	0.06740	100	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	6.3050	0.03000	6.4549	0.15320	0.06740	100	-0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	6.3100	0.06000	6.4549	0.15320	0.06740	100	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	6.3100	0.12000	6.4549	0.15320	0.06740	100	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	6.3150	0.01000	6.4549	0.15320	0.06740	100	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0511	6.3250	0.03000	6.4549	0.15320	0.06740	100	-0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	6.3275	0.09920	6.4549	0.15320	0.06740	100	-0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0062	6.3300	0.02000	6.4549	0.15320	0.06740	100	-0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0205	6.3330	0.01200	6.4549	0.15320	0.06740	100	-0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	6.3450	0.21000	6.4549	0.15320	0.06740	100	-0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	6.3550	0.11000	6.4549	0.15320	0.06740	100	-0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	2068	6.3600	0.00000	6.4549	0.15320	0.06740	100	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	6.3650	0.01000	6.4549	0.15320	0.06740	100	-0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0596	6.3800	0.06000	6.4549	0.15320	0.06740	100	-0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	6.3800	0.12000	6.4549	0.15320	0.06740	100	-0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	6.3850	0.07000	6.4549	0.15320	0.06740	100	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	6.3850	0.03000	6.4549	0.15320	0.06740	100	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	6.3850	0.33000	6.4549	0.15320	0.06740	100	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0297	6.4000	0.20000	6.4549	0.15320	0.06740	100	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	6.4000	0.08000	6.4549	0.15320	0.06740	100	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	6.4050	0.07000	6.4549	0.15320	0.06740	100	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	6.4150	0.01000	6.4549	0.15320	0.06740	100	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	6.4200	0.30000	6.4549	0.15320	0.06740	100	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	2106	6.4200	0.12000	6.4549	0.15320	0.06740	100	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	6.4250	0.01000	6.4549	0.15320	0.06740	100	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	6.4314	0.04980	6.4549	0.15320	0.06740	100	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	6.4350	0.03000	6.4549	0.15320	0.06740	100	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	6.4400	0.02000	6.4549	0.15320	0.06740	100	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	6.4400	0.02000	6.4549	0.15320	0.06740	100	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	6.4550	0.05000	6.4549	0.15320	0.06740	100	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	6.4600	0.00000	6.4549	0.15320	0.06740	100	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0512	6.4620	0.05800	6.4549	0.15320	0.06740	100	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	6.4750	0.03000	6.4549	0.15320	0.06740	100	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	6.4800	0.02000	6.4549	0.15320	0.06740	100	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	6.4800	0.00000	6.4549	0.15320	0.06740	100	0.16	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0407	6.4806	0.00640	6.4549	0.15320	0.06740	100	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	6.4850	0.03000	6.4549	0.15320	0.06740	100	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	6.4850	0.05000	6.4549	0.15320	0.06740	100	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0047	6.4950	0.35000	6.4549	0.15320	0.06740	100	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	6.5000	0.06000	6.4549	0.15320	0.06740	100	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	6.5000	0.06000	6.4549	0.15320	0.06740	100	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0187	6.5100	0.00000	6.4549	0.15320	0.06740	100	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	6.5100	0.02000	6.4549	0.15320	0.06740	100	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	6.5200	0.12000	6.4549	0.15320	0.06740	100	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	6.5200	0.08000	6.4549	0.15320	0.06740	100	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	6.5200	0.06000	6.4549	0.15320	0.06740	100	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	2012	6.5200	0.00000	6.4549	0.15320	0.06740	100	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0723	6.5268	0.00000	6.4549	0.15320	0.06740	100	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	6.5299	0.00500	6.4549	0.15320	0.06740	100	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	6.5300	0.02000	6.4549	0.15320	0.06740	100	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	6.5300	0.02000	6.4549	0.15320	0.06740	100	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	6.5300	0.00000	6.4549	0.15320	0.06740	100	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	6.5305	0.00900	6.4549	0.15320	0.06740	100	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	6.5350	0.07000	6.4549	0.15320	0.06740	100	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	6.5400	0.02000	6.4549	0.15320	0.06740	100	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	6.5450	0.05000	6.4549	0.15320	0.06740	100	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0646	6.5500	0.10000	6.4549	0.15320	0.06740	100	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	6.5500	0.00000	6.4549	0.15320	0.06740	100	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	6.5500	0.10000	6.4549	0.15320	0.06740	100	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	6.5500	0.30000	6.4549	0.15320	0.06740	100	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	6.5550	0.01000	6.4549	0.15320	0.06740	100	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	6.5550	0.03000	6.4549	0.15320	0.06740	100	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	6.5750	0.01000	6.4549	0.15320	0.06740	100	0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	6.5750	0.15000	6.4549	0.15320	0.06740	100	0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0138	6.5815	0.00900	6.4549	0.15320	0.06740	100	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	6.5850	0.07000	6.4549	0.15320	0.06740	100	0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0609	6.5850	0.13000	6.4549	0.15320	0.06740	100	0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	6.5860	0.13600	6.4549	0.15320	0.06740	100	0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	6.5950	0.09000	6.4549	0.15320	0.06740	100	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	6.5950	0.11000	6.4549	0.15320	0.06740	100	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0152	6.6000	0.00000	6.4549	0.15320	0.06740	100	0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	6.6000	0.00000	6.4549	0.15320	0.06740	100	0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0615	6.6050	0.13000	6.4549	0.15320	0.06740	100	0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	6.6145	0.00760	6.4549	0.15320	0.06740	100	1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	6.6150	0.03000	6.4549	0.15320	0.06740	100	1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	6.6300	0.02000	6.4549	0.15320	0.06740	100	1.14	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 (%)	0309	6.6575	0.01700	6.4549	0.15320	0.06740	100	1.32	2%	0
005.00	Ash, 2h @ 600°C (%)	0852	6.6850	0.01000	6.4549	0.15320	0.06740	100	1.50	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	6.7000	0.00000	6.4549	0.15320	0.06740	100	1.60	2%	0
005.00	Ash, 2h @ 600°C (%)	0681	6.7150	0.13000	6.4549	0.15320	0.06740	100	1.70	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	6.7300	0.04000	6.4549	0.15320	0.06740	100	1.80	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	6.8550	0.23000	6.4549	0.15320	0.06740	100	2.61	3%	0
005.00	Ash, 2h @ 600°C (%)	0226	7.2000	0.00000	6.4549	0.15320	0.06740	100	4.86	6%	0
005.00	Ash, 2h @ 600°C (%)	0918	7.6500	0.10000	6.4549	0.15320	0.06740	100	7.80	9%	0
005.00	Ash, 2h @ 600°C (%)	0880	5.8985	1.1030	6.4549	0.15320	0.06740	100	-3.63	4%	1
005.00	Ash, 2h @ 600°C (%)	1019	4.7950	0.15000	6.4549	0.15320	0.06740	100	-10.83	13%	2
005.02	Ash, LECO (%)	2075	6.5400	0.00000				1			0
005.05	Ash, 3h @ 550°C (%)	0294	6.0500	0.10000	6.6099	0.11649	0.04931	24	-4.81	4%	0
005.05	Ash, 3h @ 550°C (%)	0726	6.3600	0.04000	6.6099	0.11649	0.04931	24	-2.15	2%	0
005.05	Ash, 3h @ 550°C (%)	0692	6.4500	0.10000	6.6099	0.11649	0.04931	24	-1.37	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	6.4950	0.09000	6.6099	0.11649	0.04931	24	-0.99	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	6.5150	0.07000	6.6099	0.11649	0.04931	24	-0.81	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	6.5200	0.02000	6.6099	0.11649	0.04931	24	-0.77	1%	0
005.05	Ash, 3h @ 550°C (%)	0940	6.5550	0.07000	6.6099	0.11649	0.04931	24	-0.47	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	6.5750	0.01000	6.6099	0.11649	0.04931	24	-0.30	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	6.5800	0.06000	6.6099	0.11649	0.04931	24	-0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	6.5950	0.01000	6.6099	0.11649	0.04931	24	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	6.6050	0.09000	6.6099	0.11649	0.04931	24	-0.04	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	6.6125	0.01500	6.6099	0.11649	0.04931	24	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	6.6200	0.08000	6.6099	0.11649	0.04931	24	0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	6.6306	0.01840	6.6099	0.11649	0.04931	24	0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	6.6350	0.03000	6.6099	0.11649	0.04931	24	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	6.6350	0.01000	6.6099	0.11649	0.04931	24	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	6.6400	0.06000	6.6099	0.11649	0.04931	24	0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0190	6.6600	0.08000	6.6099	0.11649	0.04931	24	0.43	0%	0
005.05	Ash, 3h @ 550°C (%)	2129	6.6750	0.01000	6.6099	0.11649	0.04931	24	0.56	0%	0
005.05	Ash, 3h @ 550°C (%)	0941	6.6950	0.13000	6.6099	0.11649	0.04931	24	0.73	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	6.7200	0.02000	6.6099	0.11649	0.04931	24	0.95	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	6.7850	0.01000	6.6099	0.11649	0.04931	24	1.50	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	6.7900	0.00000	6.6099	0.11649	0.04931	24	1.55	1%	0
005.05	Ash, 3h @ 550°C (%)	0592	6.8200	0.06000	6.6099	0.11649	0.04931	24	1.80	2%	0
005.05	Ash, 3h @ 550°C (%)	0038	6.5650	0.33000	6.6099	0.11649	0.04931	24	-0.39	0%	1
005.11	Ash, NIR (%)	0720	4.3700	0.12000	8.1375	2.8225	0.15250	8	-1.33	23%	0
005.11	Ash, NIR (%)	0596	6.5300	0.00000	8.1375	2.8225	0.15250	8	-0.57	10%	0
005.11	Ash, NIR (%)	0613	6.5300	0.10000	8.1375	2.8225	0.15250	8	-0.57	10%	0
005.11	Ash, NIR (%)	0297	6.7100	0.14000	8.1375	2.8225	0.15250	8	-0.51	9%	0
005.11	Ash, NIR (%)	0889	8.7100	0.44000	8.1375	2.8225	0.15250	8	0.20	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	
005.11	Ash, NIR (%)	2120	10.115	0.23000	8.1375	2.8225	0.15250	8	0.70	12%	0
005.11	Ash, NIR (%)	2121	10.540	0.08000	8.1375	2.8225	0.15250	8	0.85	15%	0
005.11	Ash, NIR (%)	0852	11.595	0.11000	8.1375	2.8225	0.15250	8	1.22	21%	0
005.99	Ash, Miscellaneous (%)	0202	6.2400	0.00000	6.5223	0.16400	0.07867	15	-1.72	2%	0
005.99	Ash, Miscellaneous (%)	0875	6.3650	0.01000	6.5223	0.16400	0.07867	15	-0.96	1%	0
005.99	Ash, Miscellaneous (%)	0003	6.3850	0.03000	6.5223	0.16400	0.07867	15	-0.84	1%	0
005.99	Ash, Miscellaneous (%)	0574	6.3850	0.01000	6.5223	0.16400	0.07867	15	-0.84	1%	0
005.99	Ash, Miscellaneous (%)	0910	6.4000	0.20000	6.5223	0.16400	0.07867	15	-0.75	1%	0
005.99	Ash, Miscellaneous (%)	0652	6.4500	0.30000	6.5223	0.16400	0.07867	15	-0.44	1%	0
005.99	Ash, Miscellaneous (%)	0546	6.4900	0.00000	6.5223	0.16400	0.07867	15	-0.20	0%	0
005.99	Ash, Miscellaneous (%)	2080	6.5150	0.03000	6.5223	0.16400	0.07867	15	-0.04	0%	0
005.99	Ash, Miscellaneous (%)	0644	6.5700	0.28000	6.5223	0.16400	0.07867	15	0.29	0%	0
005.99	Ash, Miscellaneous (%)	2004	6.5700	0.00000	6.5223	0.16400	0.07867	15	0.29	0%	0
005.99	Ash, Miscellaneous (%)	0629	6.6450	0.01000	6.5223	0.16400	0.07867	15	0.75	1%	0
005.99	Ash, Miscellaneous (%)	0728	6.6450	0.05000	6.5223	0.16400	0.07867	15	0.75	1%	0
005.99	Ash, Miscellaneous (%)	0676	6.6750	0.05000	6.5223	0.16400	0.07867	15	0.93	1%	0
005.99	Ash, Miscellaneous (%)	0613	6.6950	0.21000	6.5223	0.16400	0.07867	15	1.05	1%	0
005.99	Ash, Miscellaneous (%)	0884	6.8000	0.00000	6.5223	0.16400	0.07867	15	1.69	2%	0
006.00	Total sugars, As sucrose (%)	0910	6.2650	0.63000				1			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	8.9050	0.05000				1			0
006.99	Total sugars, Miscellaneous (%)	2004	2.2700	0.22000				3			0
006.99	Total sugars, Miscellaneous (%)	0720	7.1200	0.00000				3			0
006.99	Total sugars, Miscellaneous (%)	0956	8.3000	0.60000				3			0
008.02	Fiber, Acid Detergent (%)	0405	1.4700	0.04000	3.6192	0.74799	0.26693	16	-2.87	30%	0
008.02	Fiber, Acid Detergent (%)	0590	2.7500	0.30000	3.6192	0.74799	0.26693	16	-1.16	12%	0
008.02	Fiber, Acid Detergent (%)	0098	2.8700	0.06000	3.6192	0.74799	0.26693	16	-1.00	10%	0
008.02	Fiber, Acid Detergent (%)	0948	3.0300	0.20000	3.6192	0.74799	0.26693	16	-0.79	8%	0
008.02	Fiber, Acid Detergent (%)	0885	3.1335	0.45210	3.6192	0.74799	0.26693	16	-0.65	7%	0
008.02	Fiber, Acid Detergent (%)	0609	3.4550	0.07000	3.6192	0.74799	0.26693	16	-0.22	2%	0
008.02	Fiber, Acid Detergent (%)	0675	3.5350	0.33000	3.6192	0.74799	0.26693	16	-0.11	1%	0
008.02	Fiber, Acid Detergent (%)	0353	3.5600	0.70000	3.6192	0.74799	0.26693	16	-0.08	1%	0
008.02	Fiber, Acid Detergent (%)	0208	3.7000	0.68000	3.6192	0.74799	0.26693	16	0.11	1%	0
008.02	Fiber, Acid Detergent (%)	0728	3.7350	0.09000	3.6192	0.74799	0.26693	16	0.15	2%	0
008.02	Fiber, Acid Detergent (%)	0504	3.8250	0.19000	3.6192	0.74799	0.26693	16	0.28	3%	0
008.02	Fiber, Acid Detergent (%)	0309	3.9989	0.02870	3.6192	0.74799	0.26693	16	0.51	5%	0
008.02	Fiber, Acid Detergent (%)	0038	4.1200	0.62000	3.6192	0.74799	0.26693	16	0.67	7%	0
008.02	Fiber, Acid Detergent (%)	0148	4.2150	0.03000	3.6192	0.74799	0.26693	16	0.80	8%	0
008.02	Fiber, Acid Detergent (%)	0226	4.9500	0.30000	3.6192	0.74799	0.26693	16	1.78	18%	0
008.02	Fiber, Acid Detergent (%)	0187	5.4600	0.18000	3.6192	0.74799	0.26693	16	2.46	25%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	4.2000	0.20000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0016	2.4050	0.17000	3.6393	0.84729	0.25674	42	-1.46	17%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	2.4405	0.17100	3.6393	0.84729	0.25674	42	-1.41	16%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	2.6000	0.00000	3.6393	0.84729	0.25674	42	-1.23	14%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	2.6300	0.38000	3.6393	0.84729	0.25674	42	-1.19	14%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	2.7200	0.12000	3.6393	0.84729	0.25674	42	-1.08	13%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	2.7500	0.08000	3.6393	0.84729	0.25674	42	-1.05	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0033	2.7600	0.18000	3.6393	0.84729	0.25674	42	-1.04	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0868	2.8700	0.36000	3.6393	0.84729	0.25674	42	-0.91	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	2.9200	0.22000	3.6393	0.84729	0.25674	42	-0.85	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	2.9400	0.18000	3.6393	0.84729	0.25674	42	-0.83	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	3.0000	0.00000	3.6393	0.84729	0.25674	42	-0.75	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	3.0200	0.02000	3.6393	0.84729	0.25674	42	-0.73	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	3.0600	0.10000	3.6393	0.84729	0.25674	42	-0.68	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	3.0900	0.14000	3.6393	0.84729	0.25674	42	-0.65	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	3.2120	0.02510	3.6393	0.84729	0.25674	42	-0.50	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0596	3.3000	0.40000	3.6393	0.84729	0.25674	42	-0.40	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	3.4000	0.17010	3.6393	0.84729	0.25674	42	-0.28	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	3.4000	0.20000	3.6393	0.84729	0.25674	42	-0.28	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0939	3.4050	0.17000	3.6393	0.84729	0.25674	42	-0.28	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	3.4200	0.44000	3.6393	0.84729	0.25674	42	-0.26	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	3.4350	0.45000	3.6393	0.84729	0.25674	42	-0.24	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0653	3.5600	0.14000	3.6393	0.84729	0.25674	42	-0.09	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	3.8100	0.28000	3.6393	0.84729	0.25674	42	0.20	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	3.9400	0.70000	3.6393	0.84729	0.25674	42	0.35	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2129	3.9650	0.13000	3.6393	0.84729	0.25674	42	0.38	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	4.0050	0.01000	3.6393	0.84729	0.25674	42	0.43	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	4.0150	0.39000	3.6393	0.84729	0.25674	42	0.44	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	4.1115	0.04700	3.6393	0.84729	0.25674	42	0.56	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	4.1350	0.27000	3.6393	0.84729	0.25674	42	0.59	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	4.1450	0.21000	3.6393	0.84729	0.25674	42	0.60	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	4.1650	0.11000	3.6393	0.84729	0.25674	42	0.62	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	4.2000	0.24000	3.6393	0.84729	0.25674	42	0.66	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	4.2500	0.54000	3.6393	0.84729	0.25674	42	0.72	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	4.2500	0.70000	3.6393	0.84729	0.25674	42	0.72	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	4.3050	0.53000	3.6393	0.84729	0.25674	42	0.79	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	4.4500	0.30000	3.6393	0.84729	0.25674	42	0.96	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	4.5350	0.01000	3.6393	0.84729	0.25674	42	1.06	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	4.5900	0.70000	3.6393	0.84729	0.25674	42	1.12	13%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	5.2950	0.63000	3.6393	0.84729	0.25674	42	1.95	23%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	5.5200	0.26000	3.6393	0.84729	0.25674	42	2.22	26%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	5.8000	0.00000	3.6393	0.84729	0.25674	42	2.55	30%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	8.4520	0.61000	3.6393	0.84729	0.25674	42	5.68	66%	0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	6.1000	3.6000	3.6393	0.84729	0.25674	42	2.90	34%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	0613	3.2250	0.35000	3.4183	0.27250	0.16750	4	-0.71	3%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	3.3000	0.20000	3.4183	0.27250	0.16750	4	-0.43	2%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0723	3.7300	0.00000	3.4183	0.27250	0.16750	4	1.14	5%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	7.7900	0.12000	3.4183	0.27250	0.16750	4	16.04	64%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	13.135	0.97000				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	6.4050	0.07000	8.3388	1.6949	0.24486	9	-1.14	12%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0910	6.4500	0.30000	8.3388	1.6949	0.24486	9	-1.11	11%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	7.3600	0.18000	8.3388	1.6949	0.24486	9	-0.58	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	7.8450	0.63000	8.3388	1.6949	0.24486	9	-0.29	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	8.1900	0.20000	8.3388	1.6949	0.24486	9	-0.09	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0038	8.9000	0.62000	8.3388	1.6949	0.24486	9	0.33	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	9.3500	0.10000	8.3388	1.6949	0.24486	9	0.60	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	9.7700	0.10000	8.3388	1.6949	0.24486	9	0.84	9%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	10.779	0.00370	8.3388	1.6949	0.24486	9	1.44	15%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0590	10.100	3.6000	8.3388	1.6949	0.24486	9	1.04	11%	1
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	5.1150	0.05000	8.4802	1.8812	0.25158	36	-1.79	20%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	5.5000	0.00000	8.4802	1.8812	0.25158	36	-1.58	18%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	5.7750	0.13000	8.4802	1.8812	0.25158	36	-1.44	16%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	5.9700	0.08000	8.4802	1.8812	0.25158	36	-1.33	15%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	6.3745	0.16100	8.4802	1.8812	0.25158	36	-1.12	12%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	6.7500	0.10000	8.4802	1.8812	0.25158	36	-0.92	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	6.8350	0.09000	8.4802	1.8812	0.25158	36	-0.87	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0868	6.9600	0.20000	8.4802	1.8812	0.25158	36	-0.81	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	7.0868	0.22090	8.4802	1.8812	0.25158	36	-0.74	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	7.5250	0.35000	8.4802	1.8812	0.25158	36	-0.51	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	7.6150	0.55000	8.4802	1.8812	0.25158	36	-0.46	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	7.9450	0.23000	8.4802	1.8812	0.25158	36	-0.28	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	8.0000	0.14000	8.4802	1.8812	0.25158	36	-0.26	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	8.0750	0.31000	8.4802	1.8812	0.25158	36	-0.22	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0358	8.0900	0.22000	8.4802	1.8812	0.25158	36	-0.21	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	8.1500	0.10000	8.4802	1.8812	0.25158	36	-0.18	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	8.2050	0.01000	8.4802	1.8812	0.25158	36	-0.15	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0849	8.2825	0.28500	8.4802	1.8812	0.25158	36	-0.11	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	8.5500	0.30000	8.4802	1.8812	0.25158	36	0.04	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0596	8.6000	0.00000	8.4802	1.8812	0.25158	36	0.06	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	8.6900	0.10000	8.4802	1.8812	0.25158	36	0.11	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	8.7600	0.10000	8.4802	1.8812	0.25158	36	0.15	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	8.9250	0.05000	8.4802	1.8812	0.25158	36	0.24	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	9.1100	0.72000	8.4802	1.8812	0.25158	36	0.33	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	9.1184	0.11810	8.4802	1.8812	0.25158	36	0.34	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	
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	9.1300	0.60000	8.4802	1.8812	0.25158	36	0.35	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	9.5000	0.60000	8.4802	1.8812	0.25158	36	0.54	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	9.5000	0.40000	8.4802	1.8812	0.25158	36	0.54	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	9.7000	0.20000	8.4802	1.8812	0.25158	36	0.65	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	10.272	1.0280	8.4802	1.8812	0.25158	36	0.95	11%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0653	10.290	0.16000	8.4802	1.8812	0.25158	36	0.96	11%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	11.050	0.10000	8.4802	1.8812	0.25158	36	1.37	15%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0726	11.230	0.52000	8.4802	1.8812	0.25158	36	1.46	16%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	13.165	0.13000	8.4802	1.8812	0.25158	36	2.49	28%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	13.230	0.68000	8.4802	1.8812	0.25158	36	2.52	28%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	17.539	0.02380	8.4802	1.8812	0.25158	36	4.82	53%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	11.555	7.1900	8.4802	1.8812	0.25158	36	1.63	18%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	5.4350	0.77000	7.4650	1.7437	0.53800	5	-1.16	14%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0723	6.5200	0.00000	7.4650	1.7437	0.53800	5	-0.54	6%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	6.8100	0.00000	7.4650	1.7437	0.53800	5	-0.38	4%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	9.0250	1.0500	7.4650	1.7437	0.53800	5	0.89	10%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	9.5350	0.87000	7.4650	1.7437	0.53800	5	1.19	14%	0
010.03	Moisture, Karl-Fischer (%)	0208	7.3650	0.09000				3			0
010.03	Moisture, Karl-Fischer (%)	0164	7.4800	0.02000				3			0
010.03	Moisture, Karl-Fischer (%)	0843	7.7850	0.01000				3			0
010.11	Moisture, NIR (%)	0889	6.5250	0.07000	7.5226	0.88549	0.02667	6	-1.13	7%	0
010.11	Moisture, NIR (%)	0720	7.1450	0.03000	7.5226	0.88549	0.02667	6	-0.43	3%	0
010.11	Moisture, NIR (%)	2120	7.3750	0.01000	7.5226	0.88549	0.02667	6	-0.17	1%	0
010.11	Moisture, NIR (%)	2121	7.3900	0.02000	7.5226	0.88549	0.02667	6	-0.15	1%	0
010.11	Moisture, NIR (%)	0596	7.8500	0.00000	7.5226	0.88549	0.02667	6	0.37	2%	0
010.11	Moisture, NIR (%)	0852	9.5950	0.03000	7.5226	0.88549	0.02667	6	2.34	14%	0
010.99	Moisture, Miscellaneous (%)	2051	4.5000	0.20000	7.2863	0.63371	0.19722	18	-4.40	19%	0
010.99	Moisture, Miscellaneous (%)	0692	6.4550	0.53000	7.2863	0.63371	0.19722	18	-1.31	6%	0
010.99	Moisture, Miscellaneous (%)	0546	6.5500	0.06000	7.2863	0.63371	0.19722	18	-1.16	5%	0
010.99	Moisture, Miscellaneous (%)	0948	6.7150	0.07000	7.2863	0.63371	0.19722	18	-0.90	4%	0
010.99	Moisture, Miscellaneous (%)	0917	6.8500	0.10000	7.2863	0.63371	0.19722	18	-0.69	3%	0
010.99	Moisture, Miscellaneous (%)	0939	6.9050	0.07000	7.2863	0.63371	0.19722	18	-0.60	3%	0
010.99	Moisture, Miscellaneous (%)	0019	7.2000	0.42000	7.2863	0.63371	0.19722	18	-0.14	1%	0
010.99	Moisture, Miscellaneous (%)	0884	7.2000	0.00000	7.2863	0.63371	0.19722	18	-0.14	1%	0
010.99	Moisture, Miscellaneous (%)	2129	7.3600	0.26000	7.2863	0.63371	0.19722	18	0.12	1%	0
010.99	Moisture, Miscellaneous (%)	0921	7.3750	0.05000	7.2863	0.63371	0.19722	18	0.14	1%	0
010.99	Moisture, Miscellaneous (%)	2089	7.3950	0.39000	7.2863	0.63371	0.19722	18	0.17	1%	0
010.99	Moisture, Miscellaneous (%)	2150	7.4450	0.35000	7.2863	0.63371	0.19722	18	0.25	1%	0
010.99	Moisture, Miscellaneous (%)	0190	7.5700	0.04000	7.2863	0.63371	0.19722	18	0.45	2%	0
010.99	Moisture, Miscellaneous (%)	2043	7.8500	0.50000	7.2863	0.63371	0.19722	18	0.89	4%	0
010.99	Moisture, Miscellaneous (%)	2127	7.8900	0.22000	7.2863	0.63371	0.19722	18	0.95	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	
010.99	Moisture, Miscellaneous (%)	0726	7.9100	0.22000	7.2863	0.63371	0.19722	18	0.98	4%	0
010.99	Moisture, Miscellaneous (%)	2105	7.9100	0.06000	7.2863	0.63371	0.19722	18	0.98	4%	0
010.99	Moisture, Miscellaneous (%)	0405	8.3950	0.01000	7.2863	0.63371	0.19722	18	1.75	8%	0
010.99	Moisture, Miscellaneous (%)	2004	35.150	0.90000	7.2863	0.63371	0.19722	18	43.97	191%	2
011.01	Loss on Drying, 135°C 2hr (%)	0138	4.5305	0.00900	7.9287	0.39028	0.11305	72	-8.71	21%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	6.1100	0.04000	7.9287	0.39028	0.11305	72	-4.66	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	6.2185	0.08500	7.9287	0.39028	0.11305	72	-4.38	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	7.1784	0.09580	7.9287	0.39028	0.11305	72	-1.92	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	7.2000	0.04000	7.9287	0.39028	0.11305	72	-1.87	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	7.2000	0.00000	7.9287	0.39028	0.11305	72	-1.87	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	7.3250	0.57000	7.9287	0.39028	0.11305	72	-1.55	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	7.3500	0.16000	7.9287	0.39028	0.11305	72	-1.48	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	7.3550	0.05000	7.9287	0.39028	0.11305	72	-1.47	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	7.3644	0.03830	7.9287	0.39028	0.11305	72	-1.45	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	7.4500	0.10000	7.9287	0.39028	0.11305	72	-1.23	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	7.5050	0.11000	7.9287	0.39028	0.11305	72	-1.09	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	7.5500	0.30000	7.9287	0.39028	0.11305	72	-0.97	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	7.5650	0.03000	7.9287	0.39028	0.11305	72	-0.93	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	7.5950	0.61000	7.9287	0.39028	0.11305	72	-0.85	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	7.6350	0.09000	7.9287	0.39028	0.11305	72	-0.75	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	7.6700	0.40000	7.9287	0.39028	0.11305	72	-0.66	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	7.6750	0.01000	7.9287	0.39028	0.11305	72	-0.65	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	7.6850	0.21000	7.9287	0.39028	0.11305	72	-0.62	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	7.7250	0.31000	7.9287	0.39028	0.11305	72	-0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	7.7500	0.04000	7.9287	0.39028	0.11305	72	-0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	7.7500	0.30000	7.9287	0.39028	0.11305	72	-0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	7.8133	0.14980	7.9287	0.39028	0.11305	72	-0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	7.8650	0.25000	7.9287	0.39028	0.11305	72	-0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	7.8865	0.14100	7.9287	0.39028	0.11305	72	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	7.8900	0.00000	7.9287	0.39028	0.11305	72	-0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	7.9000	0.10000	7.9287	0.39028	0.11305	72	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	7.9000	0.00000	7.9287	0.39028	0.11305	72	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	7.9100	0.02000	7.9287	0.39028	0.11305	72	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	7.9100	0.18000	7.9287	0.39028	0.11305	72	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	7.9200	0.02000	7.9287	0.39028	0.11305	72	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	7.9250	0.01000	7.9287	0.39028	0.11305	72	-0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	7.9350	0.01000	7.9287	0.39028	0.11305	72	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	7.9549	0.00000	7.9287	0.39028	0.11305	72	0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	7.9550	0.01000	7.9287	0.39028	0.11305	72	0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	7.9550	0.03000	7.9287	0.39028	0.11305	72	0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	7.9581	0.41800	7.9287	0.39028	0.11305	72	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	
011.01	Loss on Drying, 135°C 2hr (%)	0148	7.9650	0.03000	7.9287	0.39028	0.11305	72	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	7.9650	0.03000	7.9287	0.39028	0.11305	72	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	7.9800	0.00000	7.9287	0.39028	0.11305	72	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	7.9850	0.05000	7.9287	0.39028	0.11305	72	0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	8.0100	0.00000	7.9287	0.39028	0.11305	72	0.21	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	8.0350	0.09000	7.9287	0.39028	0.11305	72	0.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	8.0500	0.08000	7.9287	0.39028	0.11305	72	0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	8.0550	0.13000	7.9287	0.39028	0.11305	72	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	8.0600	0.06000	7.9287	0.39028	0.11305	72	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	8.0600	0.18000	7.9287	0.39028	0.11305	72	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	8.0700	0.04000	7.9287	0.39028	0.11305	72	0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	8.0850	0.01000	7.9287	0.39028	0.11305	72	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	8.0935	0.10300	7.9287	0.39028	0.11305	72	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.1000	0.04000	7.9287	0.39028	0.11305	72	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.1050	0.09000	7.9287	0.39028	0.11305	72	0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	8.1150	0.05000	7.9287	0.39028	0.11305	72	0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	8.1200	0.12000	7.9287	0.39028	0.11305	72	0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	8.1300	0.10000	7.9287	0.39028	0.11305	72	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	8.1500	0.58000	7.9287	0.39028	0.11305	72	0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	8.1588	0.05240	7.9287	0.39028	0.11305	72	0.59	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	8.1950	0.17000	7.9287	0.39028	0.11305	72	0.68	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	8.2850	0.31000	7.9287	0.39028	0.11305	72	0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	8.2900	0.06000	7.9287	0.39028	0.11305	72	0.93	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	8.2950	0.01000	7.9287	0.39028	0.11305	72	0.94	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	8.3000	0.00000	7.9287	0.39028	0.11305	72	0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	8.3150	0.09000	7.9287	0.39028	0.11305	72	0.99	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	8.3300	0.04000	7.9287	0.39028	0.11305	72	1.03	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	8.3680	0.09600	7.9287	0.39028	0.11305	72	1.13	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	8.4050	0.05000	7.9287	0.39028	0.11305	72	1.22	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	8.5200	0.08000	7.9287	0.39028	0.11305	72	1.52	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	8.6400	0.04000	7.9287	0.39028	0.11305	72	1.82	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	8.6500	0.06000	7.9287	0.39028	0.11305	72	1.85	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	8.7600	0.36000	7.9287	0.39028	0.11305	72	2.13	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	8.8165	0.00100	7.9287	0.39028	0.11305	72	2.27	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	8.9000	0.00000	7.9287	0.39028	0.11305	72	2.49	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	6.1000	0.94000	7.9287	0.39028	0.11305	72	-4.69	12%	1
011.01	Loss on Drying, 135°C 2hr (%)	0880	7.5250	1.0900	7.9287	0.39028	0.11305	72	-1.03	3%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	7.6850	0.17000				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	7.9900	0.02000				2			0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0681	5.3050	0.01000				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneo	0541	7.5350	0.17000	7.8475	0.22115	0.11000	4	-1.41	2%	0

Test Material Code # 201631

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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	
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	7.8500	0.10000	7.8475	0.22115	0.11000	4	0.01	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	7.9800	0.08000	7.8475	0.22115	0.11000	4	0.60	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	8.0250	0.09000	7.8475	0.22115	0.11000	4	0.80	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	33.910	0.00000	38.659	0.97643	0.34222	9	-4.86	6%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	37.970	0.28000	38.659	0.97643	0.34222	9	-0.71	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	38.190	0.38000	38.659	0.97643	0.34222	9	-0.48	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	38.400	0.40000	38.659	0.97643	0.34222	9	-0.27	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	38.630	0.52000	38.659	0.97643	0.34222	9	-0.03	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	38.900	0.20000	38.659	0.97643	0.34222	9	0.25	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	38.950	1.1000	38.659	0.97643	0.34222	9	0.30	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	39.700	0.00000	38.659	0.97643	0.34222	9	1.07	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	40.000	0.20000	38.659	0.97643	0.34222	9	1.37	2%	0
012.01	Starch, Megazyme (%)	2004	6.6000	0.00000	32.271	4.6476	0.79438	9	-5.52	40%	0
012.01	Starch, Megazyme (%)	0918	19.826	1.2775	32.271	4.6476	0.79438	9	-2.68	19%	0
012.01	Starch, Megazyme (%)	0676	32.115	0.13000	32.271	4.6476	0.79438	9	-0.03	0%	0
012.01	Starch, Megazyme (%)	0164	33.750	0.50000	32.271	4.6476	0.79438	9	0.32	2%	0
012.01	Starch, Megazyme (%)	0613	33.755	1.4700	32.271	4.6476	0.79438	9	0.32	2%	0
012.01	Starch, Megazyme (%)	0265	34.050	0.70000	32.271	4.6476	0.79438	9	0.38	3%	0
012.01	Starch, Megazyme (%)	0956	34.900	1.0000	32.271	4.6476	0.79438	9	0.57	4%	0
012.01	Starch, Megazyme (%)	0870	35.469	1.2719	32.271	4.6476	0.79438	9	0.69	5%	0
012.01	Starch, Megazyme (%)	0045	35.800	0.80000	32.271	4.6476	0.79438	9	0.76	5%	0
012.02	Starch, Colorimetric (GOP) (%)	0955	38.550	0.90000				2			0
012.02	Starch, Colorimetric (GOP) (%)	2089	40.580	0.76000				2			0
012.03	Starch, Enzymatic (%)	0885	33.560	0.08470	35.435	1.5060	0.55494	5	-1.24	3%	0
012.03	Starch, Enzymatic (%)	0098	34.100	1.0000	35.435	1.5060	0.55494	5	-0.89	2%	0
012.03	Starch, Enzymatic (%)	0407	36.055	0.91000	35.435	1.5060	0.55494	5	0.41	1%	0
012.03	Starch, Enzymatic (%)	0889	36.595	0.53000	35.435	1.5060	0.55494	5	0.77	2%	0
012.03	Starch, Enzymatic (%)	0297	36.865	0.25000	35.435	1.5060	0.55494	5	0.95	2%	0
012.04	Starch, YSI Analyzer (%)	0278	32.050	0.90000	34.796	1.6108	0.55600	5	-1.70	4%	0
012.04	Starch, YSI Analyzer (%)	0948	34.900	0.40000	34.796	1.6108	0.55600	5	0.06	0%	0
012.04	Starch, YSI Analyzer (%)	0510	35.100	0.20000	34.796	1.6108	0.55600	5	0.19	0%	0
012.04	Starch, YSI Analyzer (%)	0160	35.935	0.81000	34.796	1.6108	0.55600	5	0.71	2%	0
012.04	Starch, YSI Analyzer (%)	0353	35.995	0.47000	34.796	1.6108	0.55600	5	0.74	2%	0
012.11	Starch, NIR (%)	0852	28.200	0.22000	34.764	4.4337	0.20750	4	-1.48	9%	0
012.11	Starch, NIR (%)	0720	35.950	0.04000	34.764	4.4337	0.20750	4	0.27	2%	0
012.11	Starch, NIR (%)	0889	37.340	0.32000	34.764	4.4337	0.20750	4	0.58	4%	0
012.11	Starch, NIR (%)	0297	37.565	0.25000	34.764	4.4337	0.20750	4	0.63	4%	0
013.00	Fat, Acid hydrolysis (%)	2146	5.6050	0.25000	6.5269	0.60312	0.13211	21	-1.53	7%	0
013.00	Fat, Acid hydrolysis (%)	0297	5.6950	0.03000	6.5269	0.60312	0.13211	21	-1.38	6%	0
013.00	Fat, Acid hydrolysis (%)	0083	5.8700	0.08000	6.5269	0.60312	0.13211	21	-1.09	5%	0
013.00	Fat, Acid hydrolysis (%)	2080	5.9150	0.09000	6.5269	0.60312	0.13211	21	-1.01	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	
013.00	Fat, Acid hydrolysis (%)	0689	6.1000	0.00000	6.5269	0.60312	0.13211	21	-0.71	3%	0
013.00	Fat, Acid hydrolysis (%)	0504	6.2100	0.50000	6.5269	0.60312	0.13211	21	-0.53	2%	0
013.00	Fat, Acid hydrolysis (%)	0948	6.2600	0.04000	6.5269	0.60312	0.13211	21	-0.44	2%	0
013.00	Fat, Acid hydrolysis (%)	0541	6.3850	0.19000	6.5269	0.60312	0.13211	21	-0.24	1%	0
013.00	Fat, Acid hydrolysis (%)	0242	6.3900	0.06000	6.5269	0.60312	0.13211	21	-0.23	1%	0
013.00	Fat, Acid hydrolysis (%)	0681	6.4400	0.08000	6.5269	0.60312	0.13211	21	-0.14	1%	0
013.00	Fat, Acid hydrolysis (%)	0652	6.5000	0.20000	6.5269	0.60312	0.13211	21	-0.04	0%	0
013.00	Fat, Acid hydrolysis (%)	0910	6.5300	0.18000	6.5269	0.60312	0.13211	21	0.01	0%	0
013.00	Fat, Acid hydrolysis (%)	0884	6.5500	0.10000	6.5269	0.60312	0.13211	21	0.04	0%	0
013.00	Fat, Acid hydrolysis (%)	0309	6.6604	0.16440	6.5269	0.60312	0.13211	21	0.22	1%	0
013.00	Fat, Acid hydrolysis (%)	0615	6.8850	0.09000	6.5269	0.60312	0.13211	21	0.59	3%	0
013.00	Fat, Acid hydrolysis (%)	0229	6.9400	0.20000	6.5269	0.60312	0.13211	21	0.68	3%	0
013.00	Fat, Acid hydrolysis (%)	0098	6.9600	0.04000	6.5269	0.60312	0.13211	21	0.72	3%	0
013.00	Fat, Acid hydrolysis (%)	0139	6.9950	0.03000	6.5269	0.60312	0.13211	21	0.78	4%	0
013.00	Fat, Acid hydrolysis (%)	2076	7.3400	0.34000	6.5269	0.60312	0.13211	21	1.35	6%	0
013.00	Fat, Acid hydrolysis (%)	0202	7.3850	0.09000	6.5269	0.60312	0.13211	21	1.42	7%	0
013.00	Fat, Acid hydrolysis (%)	2057	7.4500	0.02000	6.5269	0.60312	0.13211	21	1.53	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	5.0050	0.63000	6.9131	0.50899	0.19094	21	-3.75	14%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2150	5.4750	0.05000	6.9131	0.50899	0.19094	21	-2.83	10%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	6.2000	0.00000	6.9131	0.50899	0.19094	21	-1.40	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	6.2100	0.02000	6.9131	0.50899	0.19094	21	-1.38	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	6.5850	0.13000	6.9131	0.50899	0.19094	21	-0.64	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	6.6200	0.10000	6.9131	0.50899	0.19094	21	-0.58	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	6.7350	0.17000	6.9131	0.50899	0.19094	21	-0.35	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	6.8050	0.05000	6.9131	0.50899	0.19094	21	-0.21	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	6.9150	0.09000	6.9131	0.50899	0.19094	21	0.00	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	6.9350	0.19000	6.9131	0.50899	0.19094	21	0.04	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	7.0350	0.07000	6.9131	0.50899	0.19094	21	0.24	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0074	7.0450	0.21000	6.9131	0.50899	0.19094	21	0.26	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	7.0761	0.24970	6.9131	0.50899	0.19094	21	0.32	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	7.1150	0.03000	6.9131	0.50899	0.19094	21	0.40	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	7.2000	0.00000	6.9131	0.50899	0.19094	21	0.56	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	7.3000	0.48000	6.9131	0.50899	0.19094	21	0.76	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	7.3800	0.44000	6.9131	0.50899	0.19094	21	0.92	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	7.3850	0.49000	6.9131	0.50899	0.19094	21	0.93	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	7.4100	0.32000	6.9131	0.50899	0.19094	21	0.98	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	7.4500	0.10000	6.9131	0.50899	0.19094	21	1.05	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0011	7.4750	0.19000	6.9131	0.50899	0.19094	21	1.10	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	6.0465	0.03580	6.4233	0.56484	0.15116	5	-0.67	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	6.0550	0.15000	6.4233	0.56484	0.15116	5	-0.65	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	6.1200	0.18000	6.4233	0.56484	0.15116	5	-0.54	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	
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	6.5250	0.19000	6.4233	0.56484	0.15116	5	0.18	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	7.3700	0.20000	6.4233	0.56484	0.15116	5	1.68	7%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	6.0865	0.04300	6.6029	0.36650	0.15325	4	-1.41	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	6.6600	0.40000	6.6029	0.36650	0.15325	4	0.16	0%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	6.7150	0.07000	6.6029	0.36650	0.15325	4	0.31	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	6.9500	0.10000	6.6029	0.36650	0.15325	4	0.95	3%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	660.49	11.010				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	746.00	8.0000				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	806.00	0.00000				3			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	631.45	27.500				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	330.29	1.1420	561.56	191.39	6.4284	5	-1.21	21%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	425.50	3.0000	561.56	191.39	6.4284	5	-0.71	12%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	587.50	13.000	561.56	191.39	6.4284	5	0.14	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	644.00	14.000	561.56	191.39	6.4284	5	0.43	7%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	820.50	1.0000	561.56	191.39	6.4284	5	1.35	23%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	2080	459.56	38.840				1			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0413	566.01	51.108				2			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	855.50	31.000				2			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	14.875	0.19000	16.671	1.2253	0.45250	4	-1.47	5%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	16.905	0.35000	16.671	1.2253	0.45250	4	0.19	1%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	17.420	1.1200	16.671	1.2253	0.45250	4	0.61	2%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	17.485	0.15000	16.671	1.2253	0.45250	4	0.66	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	14.400	2.0000	15.846	1.4824	0.95750	4	-0.98	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	14.750	0.10000	15.846	1.4824	0.95750	4	-0.74	3%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	16.935	0.53000	15.846	1.4824	0.95750	4	0.73	3%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	17.300	1.2000	15.846	1.4824	0.95750	4	0.98	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	2.0000	0.00000	11.667	8.3865	0.06250	4	-1.15	41%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	10.975	0.25000	11.667	8.3865	0.06250	4	-0.08	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	16.000	0.00000	11.667	8.3865	0.06250	4	0.52	19%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	17.000	0.00000	11.667	8.3865	0.06250	4	0.64	23%	0
017.52	Boron, ICP-MS, Open vessel (mg / kg (ppm))	2080	15.035	0.75000				1			0
017.53	Boron, ICP-MS, Microwave (mg / kg (ppm))	0413	17.017	0.00060				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	0.56650	0.00100	1.0478	0.11458	0.03048	13	-4.20	23%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	0.92800	0.04200	1.0478	0.11458	0.03048	13	-1.05	6%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	0.94500	0.05000	1.0478	0.11458	0.03048	13	-0.90	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.0185	0.03100	1.0478	0.11458	0.03048	13	-0.26	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.0200	0.08000	1.0478	0.11458	0.03048	13	-0.24	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.0233	0.01520	1.0478	0.11458	0.03048	13	-0.21	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0868	1.0250	0.03000	1.0478	0.11458	0.03048	13	-0.20	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	1.0550	0.03000	1.0478	0.11458	0.03048	13	0.06	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.0555	0.02700	1.0478	0.11458	0.03048	13	0.07	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.1050	0.01000	1.0478	0.11458	0.03048	13	0.50	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.1650	0.05000	1.0478	0.11458	0.03048	13	1.02	6%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.1900	0.00000	1.0478	0.11458	0.03048	13	1.24	7%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	1.2150	0.03000	1.0478	0.11458	0.03048	13	1.46	8%	0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.1268	0.00540				1			0
019.08	Calcium, EDTA (%)	0940	0.98000	0.00000	1.0650	0.06000	0.00783	8	-1.42	4%	0
019.08	Calcium, EDTA (%)	0849	1.0185	0.00300	1.0650	0.06000	0.00783	8	-0.78	2%	0
019.08	Calcium, EDTA (%)	0138	1.0460	0.00600	1.0650	0.06000	0.00783	8	-0.32	1%	0
019.08	Calcium, EDTA (%)	0885	1.0606	0.01360	1.0650	0.06000	0.00783	8	-0.07	0%	0
019.08	Calcium, EDTA (%)	0629	1.0750	0.01000	1.0650	0.06000	0.00783	8	0.17	0%	0
019.08	Calcium, EDTA (%)	0689	1.0850	0.03000	1.0650	0.06000	0.00783	8	0.33	1%	0
019.08	Calcium, EDTA (%)	0590	1.1000	0.00000	1.0650	0.06000	0.00783	8	0.58	2%	0
019.08	Calcium, EDTA (%)	0852	1.3000	0.00000	1.0650	0.06000	0.00783	8	3.92	11%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.0200	0.00600				1			0
019.31	Calcium, AAS, Dry ash (%)	0948	0.88000	0.02000	1.0308	0.04010	0.02881	23	-3.76	7%	0
019.31	Calcium, AAS, Dry ash (%)	0596	0.92500	0.01000	1.0308	0.04010	0.02881	23	-2.64	5%	0
019.31	Calcium, AAS, Dry ash (%)	0233	0.98000	0.00000	1.0308	0.04010	0.02881	23	-1.27	2%	0
019.31	Calcium, AAS, Dry ash (%)	0152	0.98500	0.01000	1.0308	0.04010	0.02881	23	-1.14	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	0.99965	0.00410	1.0308	0.04010	0.02881	23	-0.78	2%	0
019.31	Calcium, AAS, Dry ash (%)	0653	1.0070	0.02400	1.0308	0.04010	0.02881	23	-0.59	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.0100	0.02000	1.0308	0.04010	0.02881	23	-0.52	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.0145	0.03300	1.0308	0.04010	0.02881	23	-0.41	1%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.0250	0.01000	1.0308	0.04010	0.02881	23	-0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	0066	1.0250	0.03000	1.0308	0.04010	0.02881	23	-0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	0723	1.0259	0.00000	1.0308	0.04010	0.02881	23	-0.12	0%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.0263	0.07340	1.0308	0.04010	0.02881	23	-0.11	0%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.0400	0.08000	1.0308	0.04010	0.02881	23	0.23	0%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.0450	0.05000	1.0308	0.04010	0.02881	23	0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.0492	0.00010	1.0308	0.04010	0.02881	23	0.46	1%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.0500	0.00000	1.0308	0.04010	0.02881	23	0.48	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.0500	0.06000	1.0308	0.04010	0.02881	23	0.48	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.0530	0.07800	1.0308	0.04010	0.02881	23	0.55	1%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.0550	0.03000	1.0308	0.04010	0.02881	23	0.60	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.0650	0.01000	1.0308	0.04010	0.02881	23	0.85	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.0800	0.00000	1.0308	0.04010	0.02881	23	1.23	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.1000	0.00000	1.0308	0.04010	0.02881	23	1.73	3%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.2100	0.12000	1.0308	0.04010	0.02881	23	4.47	9%	0
019.31	Calcium, AAS, Dry ash (%)	0874	0.20620	0.00200	1.0308	0.04010	0.02881	23	-20.57	40%	2
019.32	Calcium, AAS, Open vessel (%)	0504	1.0330	0.00600	1.0945	0.06543	0.03400	4	-0.94	3%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.0450	0.07000	1.0945	0.06543	0.03400	4	-0.76	2%	0
019.32	Calcium, AAS, Open vessel (%)	0609	1.1350	0.03000	1.0945	0.06543	0.03400	4	0.62	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	
019.32	Calcium, AAS, Open vessel (%)	0612	1.1650	0.03000	1.0945	0.06543	0.03400	4	1.08	3%	0
019.33	Calcium, AAS, Microwave (%)	0504	1.0895	0.02100				2			0
019.33	Calcium, AAS, Microwave (%)	0010	1.1150	0.05000				2			0
019.41	Calcium, ICP, Dry ash (%)	0144	0.94000	0.02000	1.0469	0.04317	0.01742	32	-2.48	5%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.98000	0.00000	1.0469	0.04317	0.01742	32	-1.55	3%	0
019.41	Calcium, ICP, Dry ash (%)	0098	0.98500	0.01000	1.0469	0.04317	0.01742	32	-1.43	3%	0
019.41	Calcium, ICP, Dry ash (%)	0089	0.99000	0.00000	1.0469	0.04317	0.01742	32	-1.32	3%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.0000	0.00000	1.0469	0.04317	0.01742	32	-1.09	2%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.0000	0.00000	1.0469	0.04317	0.01742	32	-1.09	2%	0
019.41	Calcium, ICP, Dry ash (%)	0300	1.0115	0.04900	1.0469	0.04317	0.01742	32	-0.82	2%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.0250	0.03000	1.0469	0.04317	0.01742	32	-0.51	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.0250	0.01000	1.0469	0.04317	0.01742	32	-0.51	1%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.0300	0.00000	1.0469	0.04317	0.01742	32	-0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.0350	0.01000	1.0469	0.04317	0.01742	32	-0.28	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.0400	0.02000	1.0469	0.04317	0.01742	32	-0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0512	1.0400	0.01800	1.0469	0.04317	0.01742	32	-0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.0470	0.04020	1.0469	0.04317	0.01742	32	0.00	0%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.0484	0.01520	1.0469	0.04317	0.01742	32	0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.0500	0.00000	1.0469	0.04317	0.01742	32	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.0500	0.02000	1.0469	0.04317	0.01742	32	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.0500	0.00000	1.0469	0.04317	0.01742	32	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0868	1.0500	0.10000	1.0469	0.04317	0.01742	32	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.0510	0.01800	1.0469	0.04317	0.01742	32	0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0083	1.0545	0.00700	1.0469	0.04317	0.01742	32	0.18	0%	0
019.41	Calcium, ICP, Dry ash (%)	0720	1.0550	0.01000	1.0469	0.04317	0.01742	32	0.19	0%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.0600	0.02000	1.0469	0.04317	0.01742	32	0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.0650	0.03000	1.0469	0.04317	0.01742	32	0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.0700	0.00000	1.0469	0.04317	0.01742	32	0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0610	1.0800	0.00000	1.0469	0.04317	0.01742	32	0.77	2%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.0950	0.01000	1.0469	0.04317	0.01742	32	1.11	2%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.0950	0.01000	1.0469	0.04317	0.01742	32	1.11	2%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.1000	0.08000	1.0469	0.04317	0.01742	32	1.23	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.1200	0.00000	1.0469	0.04317	0.01742	32	1.69	3%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.1200	0.02000	1.0469	0.04317	0.01742	32	1.69	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.1210	0.01000	1.0469	0.04317	0.01742	32	1.72	4%	0
019.41	Calcium, ICP, Dry ash (%)	0405	12.860	1.9800	1.0469	0.04317	0.01742	32	273.62	564%	2
019.42	Calcium, ICP, Open vessel (%)	0026	0.90500	0.01000	1.0343	0.08156	0.02906	22	-1.59	6%	0
019.42	Calcium, ICP, Open vessel (%)	0265	0.94000	0.10000	1.0343	0.08156	0.02906	22	-1.16	5%	0
019.42	Calcium, ICP, Open vessel (%)	0692	0.95000	0.12000	1.0343	0.08156	0.02906	22	-1.03	4%	0
019.42	Calcium, ICP, Open vessel (%)	0042	0.95250	0.00300	1.0343	0.08156	0.02906	22	-1.00	4%	0
019.42	Calcium, ICP, Open vessel (%)	0693	0.97100	0.02600	1.0343	0.08156	0.02906	22	-0.78	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	
019.42	Calcium, ICP, Open vessel (%)	0035	0.98000	0.00000	1.0343	0.08156	0.02906	22	-0.67	3%	0
019.42	Calcium, ICP, Open vessel (%)	0870	0.98975	0.04050	1.0343	0.08156	0.02906	22	-0.55	2%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.0050	0.03000	1.0343	0.08156	0.02906	22	-0.36	1%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.0055	0.02900	1.0343	0.08156	0.02906	22	-0.35	1%	0
019.42	Calcium, ICP, Open vessel (%)	0555	1.0117	0.01710	1.0343	0.08156	0.02906	22	-0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.0285	0.00500	1.0343	0.08156	0.02906	22	-0.07	0%	0
019.42	Calcium, ICP, Open vessel (%)	0202	1.0300	0.00000	1.0343	0.08156	0.02906	22	-0.05	0%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.0350	0.01000	1.0343	0.08156	0.02906	22	0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.0400	0.04000	1.0343	0.08156	0.02906	22	0.07	0%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.0700	0.08000	1.0343	0.08156	0.02906	22	0.44	2%	0
019.42	Calcium, ICP, Open vessel (%)	0613	1.0700	0.00000	1.0343	0.08156	0.02906	22	0.44	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.0770	0.08000	1.0343	0.08156	0.02906	22	0.52	2%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.1000	0.02000	1.0343	0.08156	0.02906	22	0.81	3%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.1300	0.00000	1.0343	0.08156	0.02906	22	1.17	5%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.1437	0.00480	1.0343	0.08156	0.02906	22	1.34	5%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.1740	0.00400	1.0343	0.08156	0.02906	22	1.71	7%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.2000	0.02000	1.0343	0.08156	0.02906	22	2.03	8%	0
019.42	Calcium, ICP, Open vessel (%)	2051	0.91550	0.18700	1.0343	0.08156	0.02906	22	-1.46	6%	1
019.43	Calcium, ICP, Microwave (%)	0510	0.97500	0.03000	1.0473	0.05608	0.03155	22	-1.29	3%	0
019.43	Calcium, ICP, Microwave (%)	0038	0.97550	0.04100	1.0473	0.05608	0.03155	22	-1.28	3%	0
019.43	Calcium, ICP, Microwave (%)	0028	0.99000	0.00000	1.0473	0.05608	0.03155	22	-1.02	3%	0
019.43	Calcium, ICP, Microwave (%)	0297	0.99500	0.01000	1.0473	0.05608	0.03155	22	-0.93	2%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.0000	0.02000	1.0473	0.05608	0.03155	22	-0.84	2%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.0000	0.00000	1.0473	0.05608	0.03155	22	-0.84	2%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.0050	0.01000	1.0473	0.05608	0.03155	22	-0.75	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.0087	0.04720	1.0473	0.05608	0.03155	22	-0.69	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.0350	0.01000	1.0473	0.05608	0.03155	22	-0.22	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.0360	0.01200	1.0473	0.05608	0.03155	22	-0.20	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.0400	0.00000	1.0473	0.05608	0.03155	22	-0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.0450	0.09000	1.0473	0.05608	0.03155	22	-0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.0550	0.01000	1.0473	0.05608	0.03155	22	0.14	0%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.0650	0.01000	1.0473	0.05608	0.03155	22	0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.0800	0.00000	1.0473	0.05608	0.03155	22	0.58	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.0870	0.00200	1.0473	0.05608	0.03155	22	0.71	2%	0
019.43	Calcium, ICP, Microwave (%)	0034	1.0885	0.04100	1.0473	0.05608	0.03155	22	0.73	2%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.0900	0.02000	1.0473	0.05608	0.03155	22	0.76	2%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.1000	0.08000	1.0473	0.05608	0.03155	22	0.94	3%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.1193	0.12100	1.0473	0.05608	0.03155	22	1.28	3%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.1200	0.06000	1.0473	0.05608	0.03155	22	1.30	3%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.4950	0.08000	1.0473	0.05608	0.03155	22	7.98	21%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.99650	0.00100				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			
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.0200	0.01020				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	2080	1.0350	0.05000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.0100	0.04000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0413	1.0318	0.00300				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.1150	0.05000				3			0
019.99	Calcium, Miscellaneous (%)	0889	0.97000	0.00000	1.0450	0.07100	0.06667	6	-1.06	4%	0
019.99	Calcium, Miscellaneous (%)	0676	0.97500	0.09000	1.0450	0.07100	0.06667	6	-0.99	3%	0
019.99	Calcium, Miscellaneous (%)	2105	1.0500	0.26000	1.0450	0.07100	0.06667	6	0.07	0%	0
019.99	Calcium, Miscellaneous (%)	0242	1.0600	0.00000	1.0450	0.07100	0.06667	6	0.21	1%	0
019.99	Calcium, Miscellaneous (%)	0035	1.0850	0.01000	1.0450	0.07100	0.06667	6	0.56	2%	0
019.99	Calcium, Miscellaneous (%)	0100	1.1300	0.04000	1.0450	0.07100	0.06667	6	1.20	4%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	2.5000	0.20000				2			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	3.0650	0.45000				2			0
021.32	Cobalt, AAS, Open vessel (mg / kg (ppm))	0366	2.1000	0.40000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	1.5350	0.03000				2			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	2.2500	0.10000				2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	1.5750	0.19000				2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	2.1500	0.10000				2			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	1.6550	0.45000	2.3298	0.45252	0.21283	7	-1.49	14%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	1.9500	0.04000	2.3298	0.45252	0.21283	7	-0.84	8%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	2.2250	0.09000	2.3298	0.45252	0.21283	7	-0.23	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	2.5537	0.17980	2.3298	0.45252	0.21283	7	0.49	5%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	2.6000	0.40000	2.3298	0.45252	0.21283	7	0.60	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	2.6500	0.24000	2.3298	0.45252	0.21283	7	0.71	7%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	2.6750	0.09000	2.3298	0.45252	0.21283	7	0.76	7%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.2400	0.38000				2			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	2080	1.6660	0.08200				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.85200	0.06400	2.6365	1.3627	0.22305	4	-1.31	34%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	2.7200	0.32000	2.6365	1.3627	0.22305	4	0.06	2%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0413	2.8042	0.17440	2.6365	1.3627	0.22305	4	0.12	3%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	4.1699	0.33380	2.6365	1.3627	0.22305	4	1.13	29%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	265.00	0.00000	306.44	20.196	5.7798	12	-2.05	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0653	288.95	2.3000	306.44	20.196	5.7798	12	-0.87	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	293.83	0.74800	306.44	20.196	5.7798	12	-0.62	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	300.00	8.0000	306.44	20.196	5.7798	12	-0.32	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	302.40	1.8000	306.44	20.196	5.7798	12	-0.20	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	302.69	10.130	306.44	20.196	5.7798	12	-0.19	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	302.84	1.8800	306.44	20.196	5.7798	12	-0.18	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	306.00	0.00000	306.44	20.196	5.7798	12	-0.02	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	310.00	4.0000	306.44	20.196	5.7798	12	0.18	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	322.15	6.1000	306.44	20.196	5.7798	12	0.78	3%	0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

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))	0208	335.50	25.000	306.44	20.196	5.7798	12	1.44	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0884	347.80	9.4000	306.44	20.196	5.7798	12	2.05	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	262.57	55.870	306.44	20.196	5.7798	12	-2.17	7%	1
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	332.50	15.000				3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	341.75	15.500				3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	359.00	24.000				3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	295.20	2.5710				3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0035	323.50	5.0000				3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	335.15	7.9000				3			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	256.00	2.0000	300.92	28.198	9.6480	21	-1.59	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	258.50	1.0000	300.92	28.198	9.6480	21	-1.50	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	263.30	7.0000	300.92	28.198	9.6480	21	-1.33	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	269.03	10.740	300.92	28.198	9.6480	21	-1.13	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	272.33	27.160	300.92	28.198	9.6480	21	-1.01	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	286.25	0.30000	300.92	28.198	9.6480	21	-0.52	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	289.00	1.2000	300.92	28.198	9.6480	21	-0.42	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	294.12	0.90830	300.92	28.198	9.6480	21	-0.24	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	296.72	0.83000	300.92	28.198	9.6480	21	-0.15	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	298.00	12.000	300.92	28.198	9.6480	21	-0.10	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	307.50	41.000	300.92	28.198	9.6480	21	0.23	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	314.62	16.320	300.92	28.198	9.6480	21	0.49	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	316.50	3.0000	300.92	28.198	9.6480	21	0.55	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	317.50	17.000	300.92	28.198	9.6480	21	0.59	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	319.50	3.0000	300.92	28.198	9.6480	21	0.66	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0868	320.00	0.00000	300.92	28.198	9.6480	21	0.68	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	320.15	0.70000	300.92	28.198	9.6480	21	0.68	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	325.00	30.000	300.92	28.198	9.6480	21	0.85	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	328.64	14.450	300.92	28.198	9.6480	21	0.98	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0610	331.00	10.000	300.92	28.198	9.6480	21	1.07	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	333.00	4.0000	300.92	28.198	9.6480	21	1.14	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	24.335	1.4700	300.92	28.198	9.6480	21	-9.81	46%	2
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	288.50	17.000	332.35	20.095	12.910	20	-2.18	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	300.50	1.0000	332.35	20.095	12.910	20	-1.59	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	305.90	8.4000	332.35	20.095	12.910	20	-1.32	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	316.70	0.60000	332.35	20.095	12.910	20	-0.78	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	323.52	5.0300	332.35	20.095	12.910	20	-0.44	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	324.45	0.70000	332.35	20.095	12.910	20	-0.39	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	325.92	0.57000	332.35	20.095	12.910	20	-0.32	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	329.65	0.30000	332.35	20.095	12.910	20	-0.13	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	331.65	8.9000	332.35	20.095	12.910	20	-0.03	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	332.50	13.000	332.35	20.095	12.910	20	0.01	0%	0

Test Material Code # 201631

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Issue Date : 12/31/2016

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))	0042	334.00	4.0000	332.35	20.095	12.910	20	0.08	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	334.00	22.000	332.35	20.095	12.910	20	0.08	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	334.00	24.000	332.35	20.095	12.910	20	0.08	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	334.24	5.7200	332.35	20.095	12.910	20	0.09	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	336.20	1.1150	332.35	20.095	12.910	20	0.19	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	346.20	7.3900	332.35	20.095	12.910	20	0.69	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	351.71	3.7800	332.35	20.095	12.910	20	0.96	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	357.00	12.000	332.35	20.095	12.910	20	1.23	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	400.00	4.0000	332.35	20.095	12.910	20	3.37	10%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	466.25	118.70	332.35	20.095	12.910	20	6.66	20%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	406.00	156.00	332.35	20.095	12.910	20	3.67	11%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	313.20	0.00000	331.51	17.602	8.3116	18	-1.04	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	315.00	4.0000	331.51	17.602	8.3116	18	-0.94	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	316.00	0.00000	331.51	17.602	8.3116	18	-0.88	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	316.59	4.0500	331.51	17.602	8.3116	18	-0.85	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	318.85	15.100	331.51	17.602	8.3116	18	-0.72	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	319.00	2.0000	331.51	17.602	8.3116	18	-0.71	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	323.50	1.0000	331.51	17.602	8.3116	18	-0.46	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0504	324.75	16.300	331.51	17.602	8.3116	18	-0.38	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	325.00	0.00000	331.51	17.602	8.3116	18	-0.37	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	325.50	1.0000	331.51	17.602	8.3116	18	-0.34	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	330.33	5.8400	331.51	17.602	8.3116	18	-0.07	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	335.00	8.0000	331.51	17.602	8.3116	18	0.20	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	343.00	8.0000	331.51	17.602	8.3116	18	0.65	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	343.45	9.5000	331.51	17.602	8.3116	18	0.68	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	345.20	21.819	331.51	17.602	8.3116	18	0.78	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	357.00	12.000	331.51	17.602	8.3116	18	1.45	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	367.00	16.000	331.51	17.602	8.3116	18	2.02	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	397.50	25.000	331.51	17.602	8.3116	18	3.75	10%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	25.140	1.8400	331.51	17.602	8.3116	18	-17.41	46%	2
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	2080	360.86	13.700				1			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	291.00	16.000	311.68	17.449	14.733	4	-1.19	3%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0413	303.74	14.932	311.68	17.449	14.733	4	-0.46	1%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	323.50	27.000	311.68	17.449	14.733	4	0.68	2%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	328.50	1.0000	311.68	17.449	14.733	4	0.96	3%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	300.00	32.000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	331.00	6.0000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	335.00	4.0000				3			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	24.750	0.10000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	476.00	8.0000	523.68	42.884	8.9758	12	-1.11	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	481.00	6.0000	523.68	42.884	8.9758	12	-1.00	4%	0

Test Material Code # 201631

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Issue Date : 12/31/2016

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	
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	488.00	0.00000	523.68	42.884	8.9758	12	-0.83	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	490.50	9.0000	523.68	42.884	8.9758	12	-0.77	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	495.00	10.000	523.68	42.884	8.9758	12	-0.67	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	515.00	10.000	523.68	42.884	8.9758	12	-0.20	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	539.00	2.0000	523.68	42.884	8.9758	12	0.36	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	541.29	8.7000	523.68	42.884	8.9758	12	0.41	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	542.00	12.000	523.68	42.884	8.9758	12	0.43	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	558.34	12.310	523.68	42.884	8.9758	12	0.81	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	570.00	26.000	523.68	42.884	8.9758	12	1.08	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0884	678.25	3.7000	523.68	42.884	8.9758	12	3.60	15%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	540.00	46.000	523.68	42.884	8.9758	12	0.38	2%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	529.35	36.900				2			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	529.50	21.000				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	515.65	7.9000				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	429.00	2.0000	507.31	34.744	11.763	21	-2.25	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	440.95	1.7000	507.31	34.744	11.763	21	-1.91	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	445.54	16.560	507.31	34.744	11.763	21	-1.78	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	466.50	9.0000	507.31	34.744	11.763	21	-1.17	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	469.85	3.1000	507.31	34.744	11.763	21	-1.08	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	479.36	11.540	507.31	34.744	11.763	21	-0.80	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	500.93	9.3025	507.31	34.744	11.763	21	-0.18	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	503.80	6.9900	507.31	34.744	11.763	21	-0.10	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	509.00	8.0000	507.31	34.744	11.763	21	0.05	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	517.80	2.4000	507.31	34.744	11.763	21	0.30	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	522.50	3.0000	507.31	34.744	11.763	21	0.44	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	523.60	11.000	507.31	34.744	11.763	21	0.47	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	525.00	22.000	507.31	34.744	11.763	21	0.51	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0868	525.00	10.000	507.31	34.744	11.763	21	0.51	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	528.43	16.490	507.31	34.744	11.763	21	0.61	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	531.00	32.000	507.31	34.744	11.763	21	0.68	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	531.50	9.0000	507.31	34.744	11.763	21	0.70	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0610	534.50	45.000	507.31	34.744	11.763	21	0.78	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	539.00	20.000	507.31	34.744	11.763	21	0.91	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	539.50	6.4300	507.31	34.744	11.763	21	0.93	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	540.75	1.5000	507.31	34.744	11.763	21	0.96	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	537.50	87.000	507.31	34.744	11.763	21	0.87	3%	1
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	40.040	0.30000	507.31	34.744	11.763	21	-13.45	46%	2
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	108.08	4.1500	384.90	85.485	12.281	16	-3.24	36%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	179.50	9.0000	384.90	85.485	12.281	16	-2.40	27%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	280.00	2.0000	384.90	85.485	12.281	16	-1.23	14%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	329.50	45.000	384.90	85.485	12.281	16	-0.65	7%	0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

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	
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	354.70	4.6000	384.90	85.485	12.281	16	-0.35	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	358.50	7.4000	384.90	85.485	12.281	16	-0.31	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	366.60	6.8000	384.90	85.485	12.281	16	-0.21	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	393.35	16.300	384.90	85.485	12.281	16	0.10	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	404.50	15.000	384.90	85.485	12.281	16	0.23	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	421.50	1.0000	384.90	85.485	12.281	16	0.43	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	424.00	32.000	384.90	85.485	12.281	16	0.46	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	432.00	26.000	384.90	85.485	12.281	16	0.55	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	448.43	16.950	384.90	85.485	12.281	16	0.74	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	460.43	5.2000	384.90	85.485	12.281	16	0.88	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	467.00	0.00000	384.90	85.485	12.281	16	0.96	11%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	504.55	5.1000	384.90	85.485	12.281	16	1.40	16%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	211.95	5.2300	464.96	80.983	13.185	17	-3.12	27%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	355.50	13.000	464.96	80.983	13.185	17	-1.35	12%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	358.00	10.000	464.96	80.983	13.185	17	-1.32	12%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	427.50	3.0000	464.96	80.983	13.185	17	-0.46	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	428.00	20.000	464.96	80.983	13.185	17	-0.46	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	435.54	6.5200	464.96	80.983	13.185	17	-0.36	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	437.40	5.0500	464.96	80.983	13.185	17	-0.34	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	446.65	17.900	464.96	80.983	13.185	17	-0.23	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	470.50	11.000	464.96	80.983	13.185	17	0.07	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	480.60	0.00000	464.96	80.983	13.185	17	0.19	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	482.85	32.300	464.96	80.983	13.185	17	0.22	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	498.50	5.0000	464.96	80.983	13.185	17	0.41	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	517.00	22.000	464.96	80.983	13.185	17	0.64	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	526.00	2.0000	464.96	80.983	13.185	17	0.75	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	557.50	3.0000	464.96	80.983	13.185	17	1.14	10%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	564.83	37.142	464.96	80.983	13.185	17	1.23	11%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	574.50	31.000	464.96	80.983	13.185	17	1.35	12%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	2080	421.54	1.9100				2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	465.28	34.570				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0413	398.41	43.807				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	536.00	6.0000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	391.00	2.0000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	411.50	1.0000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.17000	0.00000	0.18137	0.00914	0.00481	14	-1.24	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.17000	0.00000	0.18137	0.00914	0.00481	14	-1.24	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.17500	0.01000	0.18137	0.00914	0.00481	14	-0.70	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.17500	0.01000	0.18137	0.00914	0.00481	14	-0.70	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.17825	0.00010	0.18137	0.00914	0.00481	14	-0.34	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.17875	0.00570	0.18137	0.00914	0.00481	14	-0.29	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.31	Magnesium, AAS, Dry ash (%)	0038	0.18000	0.00600	0.18137	0.00914	0.00481	14	-0.15	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.18045	0.00010	0.18137	0.00914	0.00481	14	-0.10	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.18110	0.00040	0.18137	0.00914	0.00481	14	-0.03	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.18400	0.00200	0.18137	0.00914	0.00481	14	0.29	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.18600	0.00200	0.18137	0.00914	0.00481	14	0.51	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.19050	0.00100	0.18137	0.00914	0.00481	14	1.00	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.19500	0.01000	0.18137	0.00914	0.00481	14	1.49	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.21000	0.02000	0.18137	0.00914	0.00481	14	3.13	8%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.16000	0.00000				3			0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.17100	0.01200				3			0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.18500	0.00800				3			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.15000	0.00000				3			0
027.33	Magnesium, AAS, Microwave (%)	0504	0.17300	0.00600				3			0
027.33	Magnesium, AAS, Microwave (%)	0035	0.18000	0.00000				3			0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.17000	0.00000	0.18035	0.00642	0.00381	24	-1.61	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.17190	0.00640	0.18035	0.00642	0.00381	24	-1.31	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.17300	0.00400	0.18035	0.00642	0.00381	24	-1.14	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.17500	0.01000	0.18035	0.00642	0.00381	24	-0.83	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.17500	0.01000	0.18035	0.00642	0.00381	24	-0.83	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.17500	0.01000	0.18035	0.00642	0.00381	24	-0.83	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.17550	0.00100	0.18035	0.00642	0.00381	24	-0.75	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.17800	0.00200	0.18035	0.00642	0.00381	24	-0.37	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.17905	0.00070	0.18035	0.00642	0.00381	24	-0.20	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.17950	0.00300	0.18035	0.00642	0.00381	24	-0.13	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.18000	0.00000	0.18035	0.00642	0.00381	24	-0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.18000	0.00000	0.18035	0.00642	0.00381	24	-0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.18000	0.00000	0.18035	0.00642	0.00381	24	-0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.18000	0.00000	0.18035	0.00642	0.00381	24	-0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.18000	0.00000	0.18035	0.00642	0.00381	24	-0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0610	0.18000	0.00000	0.18035	0.00642	0.00381	24	-0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.18350	0.00300	0.18035	0.00642	0.00381	24	0.49	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.18470	0.00140	0.18035	0.00642	0.00381	24	0.68	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.18500	0.01000	0.18035	0.00642	0.00381	24	0.72	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0868	0.18500	0.01000	0.18035	0.00642	0.00381	24	0.72	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.18750	0.00100	0.18035	0.00642	0.00381	24	1.11	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.19000	0.00400	0.18035	0.00642	0.00381	24	1.50	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.19500	0.01000	0.18035	0.00642	0.00381	24	2.28	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.19750	0.00500	0.18035	0.00642	0.00381	24	2.67	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	2.2750	0.03000	0.18035	0.00642	0.00381	24	326.12	581%	2
027.42	Magnesium, ICP, Open vessel (%)	2051	0.06400	0.01000	0.17410	0.01351	0.00580	21	-8.15	32%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.15000	0.02000	0.17410	0.01351	0.00580	21	-1.78	7%	0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.42	Magnesium, ICP, Open vessel (%)	0555	0.15985	0.00110	0.17410	0.01351	0.00580	21	-1.06	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.16000	0.02000	0.17410	0.01351	0.00580	21	-1.04	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.16415	0.00290	0.17410	0.01351	0.00580	21	-0.74	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.16500	0.01000	0.17410	0.01351	0.00580	21	-0.67	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.16900	0.00540	0.17410	0.01351	0.00580	21	-0.38	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.17000	0.00000	0.17410	0.01351	0.00580	21	-0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.17050	0.00100	0.17410	0.01351	0.00580	21	-0.27	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.17450	0.00300	0.17410	0.01351	0.00580	21	0.03	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.17500	0.01000	0.17410	0.01351	0.00580	21	0.07	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.17500	0.01000	0.17410	0.01351	0.00580	21	0.07	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.17500	0.01000	0.17410	0.01351	0.00580	21	0.07	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.18000	0.00000	0.17410	0.01351	0.00580	21	0.44	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.18000	0.00000	0.17410	0.01351	0.00580	21	0.44	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.18250	0.00380	0.17410	0.01351	0.00580	21	0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.18745	0.00090	0.17410	0.01351	0.00580	21	0.99	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.18750	0.00300	0.17410	0.01351	0.00580	21	0.99	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.18870	0.00080	0.17410	0.01351	0.00580	21	1.08	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.19000	0.00000	0.17410	0.01351	0.00580	21	1.18	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.19500	0.01000	0.17410	0.01351	0.00580	21	1.55	6%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.14500	0.01000	0.18009	0.00934	0.00502	18	-3.76	10%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.17000	0.00000	0.18009	0.00934	0.00502	18	-1.08	3%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.17000	0.00000	0.18009	0.00934	0.00502	18	-1.08	3%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.17050	0.00100	0.18009	0.00934	0.00502	18	-1.03	3%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.17050	0.00100	0.18009	0.00934	0.00502	18	-1.03	3%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.17500	0.01000	0.18009	0.00934	0.00502	18	-0.54	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.18000	0.00000	0.18009	0.00934	0.00502	18	-0.01	0%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.18000	0.00000	0.18009	0.00934	0.00502	18	-0.01	0%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.18000	0.00000	0.18009	0.00934	0.00502	18	-0.01	0%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.18250	0.00900	0.18009	0.00934	0.00502	18	0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.18250	0.01100	0.18009	0.00934	0.00502	18	0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.18400	0.00200	0.18009	0.00934	0.00502	18	0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.18500	0.01000	0.18009	0.00934	0.00502	18	0.53	1%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.18500	0.01000	0.18009	0.00934	0.00502	18	0.53	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.18500	0.01000	0.18009	0.00934	0.00502	18	0.53	1%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.18730	0.00180	0.18009	0.00934	0.00502	18	0.77	2%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.20295	0.00850	0.18009	0.00934	0.00502	18	2.45	6%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.28600	0.00600	0.18009	0.00934	0.00502	18	11.34	29%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.17660	0.00320				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	2080	0.17825	0.00610				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0413	0.17295	0.00010	0.18515	0.01618	37.006	4	-0.75	3%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.17900	0.01200	0.18515	0.01618	37.006	4	-0.38	2%	0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

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	
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.20350	0.01100	0.18515	0.01618	37.006	4	1.13	5%	0
027.53	Magnesium, ICP-MS, Microwave (%)	2055	1,512.0	148.00	0.18515	0.01618	37.006	4	93455.09	408268%	0
027.99	Magnesium, Miscellaneous (%)	0242	0.16000	0.00000	0.18667	0.02309	0.00250	4	-1.15	7%	0
027.99	Magnesium, Miscellaneous (%)	0590	0.17500	0.01000	0.18667	0.02309	0.00250	4	-0.51	3%	0
027.99	Magnesium, Miscellaneous (%)	0100	0.20000	0.00000	0.18667	0.02309	0.00250	4	0.58	4%	0
027.99	Magnesium, Miscellaneous (%)	0889	0.20000	0.00000	0.18667	0.02309	0.00250	4	0.58	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	53.000	0.00000	59.990	4.4643	2.0880	12	-1.57	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	53.450	2.1000	59.990	4.4643	2.0880	12	-1.46	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	57.000	2.0000	59.990	4.4643	2.0880	12	-0.67	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	58.475	2.1500	59.990	4.4643	2.0880	12	-0.34	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	59.280	1.0000	59.990	4.4643	2.0880	12	-0.16	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	60.232	0.36580	59.990	4.4643	2.0880	12	0.05	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	61.065	3.6300	59.990	4.4643	2.0880	12	0.24	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	62.000	2.0000	59.990	4.4643	2.0880	12	0.45	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	62.435	1.5100	59.990	4.4643	2.0880	12	0.55	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0884	62.450	1.7000	59.990	4.4643	2.0880	12	0.55	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	64.200	4.6000	59.990	4.4643	2.0880	12	0.94	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	66.000	4.0000	59.990	4.4643	2.0880	12	1.35	5%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	57.800	0.20000				3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	61.875	0.11000				3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	64.000	0.00000				3			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	53.553	0.25500				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	57.085	5.6900				2			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	50.665	1.8900	59.775	2.3943	1.2025	22	-3.81	8%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	53.945	0.03000	59.775	2.3943	1.2025	22	-2.44	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	57.000	4.0000	59.775	2.3943	1.2025	22	-1.16	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	57.500	1.0000	59.775	2.3943	1.2025	22	-0.95	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	58.600	0.60000	59.775	2.3943	1.2025	22	-0.49	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	58.640	0.20000	59.775	2.3943	1.2025	22	-0.47	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	58.650	1.3000	59.775	2.3943	1.2025	22	-0.47	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	59.000	2.0000	59.775	2.3943	1.2025	22	-0.32	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0610	59.000	0.00000	59.775	2.3943	1.2025	22	-0.32	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	59.000	0.00000	59.775	2.3943	1.2025	22	-0.32	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	59.254	3.9359	59.775	2.3943	1.2025	22	-0.22	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	59.960	1.8400	59.775	2.3943	1.2025	22	0.08	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	60.100	0.34000	59.775	2.3943	1.2025	22	0.14	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	60.200	0.12000	59.775	2.3943	1.2025	22	0.18	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0868	60.500	1.0000	59.775	2.3943	1.2025	22	0.30	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	61.000	0.00000	59.775	2.3943	1.2025	22	0.51	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	61.340	3.6800	59.775	2.3943	1.2025	22	0.65	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	61.345	1.3300	59.775	2.3943	1.2025	22	0.66	1%	0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

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))	0358	61.500	0.42000	59.775	2.3943	1.2025	22	0.72	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	63.500	1.0000	59.775	2.3943	1.2025	22	1.56	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	63.765	0.31000	59.775	2.3943	1.2025	22	1.67	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2089	65.550	1.4600	59.775	2.3943	1.2025	22	2.41	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	64.000	10.000	59.775	2.3943	1.2025	22	1.76	4%	1
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	5.5600	0.19400	59.775	2.3943	1.2025	22	-22.64	45%	2
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	49.215	2.1300	60.766	7.2928	2.1993	19	-1.58	10%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	50.500	5.0000	60.766	7.2928	2.1993	19	-1.41	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	51.900	0.02000	60.766	7.2928	2.1993	19	-1.22	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	54.970	1.3200	60.766	7.2928	2.1993	19	-0.79	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	57.500	3.0000	60.766	7.2928	2.1993	19	-0.45	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	58.000	8.0000	60.766	7.2928	2.1993	19	-0.38	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	58.450	0.70000	60.766	7.2928	2.1993	19	-0.32	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	59.000	2.0000	60.766	7.2928	2.1993	19	-0.24	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	60.450	1.3000	60.766	7.2928	2.1993	19	-0.04	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	60.500	1.0000	60.766	7.2928	2.1993	19	-0.04	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	60.505	0.93000	60.766	7.2928	2.1993	19	-0.04	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	61.250	0.30000	60.766	7.2928	2.1993	19	0.07	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	63.450	4.1000	60.766	7.2928	2.1993	19	0.37	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	64.212	0.17600	60.766	7.2928	2.1993	19	0.47	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	65.000	6.0000	60.766	7.2928	2.1993	19	0.58	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	66.365	0.59000	60.766	7.2928	2.1993	19	0.77	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	69.265	0.99000	60.766	7.2928	2.1993	19	1.17	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	76.050	3.3000	60.766	7.2928	2.1993	19	2.10	13%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	76.445	0.93000	60.766	7.2928	2.1993	19	2.15	13%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	72.500	27.000	60.766	7.2928	2.1993	19	1.61	10%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	56.000	0.00000	59.949	3.4108	1.4408	16	-1.16	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	56.000	0.00000	59.949	3.4108	1.4408	16	-1.16	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	56.400	2.4000	59.949	3.4108	1.4408	16	-1.04	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	57.195	0.99000	59.949	3.4108	1.4408	16	-0.81	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	58.700	1.4000	59.949	3.4108	1.4408	16	-0.37	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	58.900	1.8000	59.949	3.4108	1.4408	16	-0.31	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	59.250	0.50000	59.949	3.4108	1.4408	16	-0.20	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	59.450	0.10000	59.949	3.4108	1.4408	16	-0.15	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	59.500	1.0000	59.949	3.4108	1.4408	16	-0.13	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	60.000	4.0000	59.949	3.4108	1.4408	16	0.02	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	60.400	0.60000	59.949	3.4108	1.4408	16	0.13	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	60.500	1.0000	59.949	3.4108	1.4408	16	0.16	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	61.900	0.00000	59.949	3.4108	1.4408	16	0.57	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	64.855	2.5900	59.949	3.4108	1.4408	16	1.44	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	65.950	2.3000	59.949	3.4108	1.4408	16	1.76	5%	0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

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))	0964	69.561	4.3733	59.949	3.4108	1.4408	16	2.82	8%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	146.13	3.1700	59.949	3.4108	1.4408	16	25.27	72%	2
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	2080	66.405	1.5300				1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2055	54.400	3.2000	60.307	4.5292	3.1894	4	-1.30	5%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0413	59.628	0.95760	60.307	4.5292	3.1894	4	-0.15	1%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	62.100	1.8000	60.307	4.5292	3.1894	4	0.40	1%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	65.100	6.8000	60.307	4.5292	3.1894	4	1.06	4%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	59.000	2.0000	61.750	2.7234	1.5000	4	-1.01	2%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	61.000	0.00000	61.750	2.7234	1.5000	4	-0.28	1%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0035	61.500	3.0000	61.750	2.7234	1.5000	4	-0.09	0%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	65.500	1.0000	61.750	2.7234	1.5000	4	1.38	3%	0
031.01	Phosphorus, Photometric (%)	0108	0.60000	0.04000	0.69044	0.02998	0.01118	42	-3.02	7%	0
031.01	Phosphorus, Photometric (%)	0620	0.60305	0.06450	0.69044	0.02998	0.01118	42	-2.91	6%	0
031.01	Phosphorus, Photometric (%)	0596	0.63500	0.01000	0.69044	0.02998	0.01118	42	-1.85	4%	0
031.01	Phosphorus, Photometric (%)	0874	0.63710	0.00280	0.69044	0.02998	0.01118	42	-1.78	4%	0
031.01	Phosphorus, Photometric (%)	0629	0.65250	0.00500	0.69044	0.02998	0.01118	42	-1.27	3%	0
031.01	Phosphorus, Photometric (%)	0175	0.65500	0.01000	0.69044	0.02998	0.01118	42	-1.18	3%	0
031.01	Phosphorus, Photometric (%)	0529	0.65500	0.03000	0.69044	0.02998	0.01118	42	-1.18	3%	0
031.01	Phosphorus, Photometric (%)	0651	0.66250	0.00700	0.69044	0.02998	0.01118	42	-0.93	2%	0
031.01	Phosphorus, Photometric (%)	0885	0.67140	0.00500	0.69044	0.02998	0.01118	42	-0.63	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.67500	0.01000	0.69044	0.02998	0.01118	42	-0.51	1%	0
031.01	Phosphorus, Photometric (%)	0940	0.67500	0.01000	0.69044	0.02998	0.01118	42	-0.51	1%	0
031.01	Phosphorus, Photometric (%)	0622	0.67615	0.00150	0.69044	0.02998	0.01118	42	-0.48	1%	0
031.01	Phosphorus, Photometric (%)	0233	0.68000	0.00000	0.69044	0.02998	0.01118	42	-0.35	1%	0
031.01	Phosphorus, Photometric (%)	0354	0.68000	0.00000	0.69044	0.02998	0.01118	42	-0.35	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.68050	0.01300	0.69044	0.02998	0.01118	42	-0.33	1%	0
031.01	Phosphorus, Photometric (%)	0563	0.68095	0.00390	0.69044	0.02998	0.01118	42	-0.32	1%	0
031.01	Phosphorus, Photometric (%)	2080	0.68250	0.00900	0.69044	0.02998	0.01118	42	-0.26	1%	0
031.01	Phosphorus, Photometric (%)	0849	0.68450	0.00900	0.69044	0.02998	0.01118	42	-0.20	0%	0
031.01	Phosphorus, Photometric (%)	0152	0.68500	0.01000	0.69044	0.02998	0.01118	42	-0.18	0%	0
031.01	Phosphorus, Photometric (%)	0687	0.68500	0.05000	0.69044	0.02998	0.01118	42	-0.18	0%	0
031.01	Phosphorus, Photometric (%)	0939	0.68500	0.01000	0.69044	0.02998	0.01118	42	-0.18	0%	0
031.01	Phosphorus, Photometric (%)	0016	0.68950	0.00900	0.69044	0.02998	0.01118	42	-0.03	0%	0
031.01	Phosphorus, Photometric (%)	0142	0.69135	0.00690	0.69044	0.02998	0.01118	42	0.03	0%	0
031.01	Phosphorus, Photometric (%)	0590	0.69500	0.01000	0.69044	0.02998	0.01118	42	0.15	0%	0
031.01	Phosphorus, Photometric (%)	0609	0.69500	0.01000	0.69044	0.02998	0.01118	42	0.15	0%	0
031.01	Phosphorus, Photometric (%)	0653	0.69800	0.00000	0.69044	0.02998	0.01118	42	0.25	1%	0
031.01	Phosphorus, Photometric (%)	0626	0.70050	0.00700	0.69044	0.02998	0.01118	42	0.34	1%	0
031.01	Phosphorus, Photometric (%)	2109	0.70400	0.01200	0.69044	0.02998	0.01118	42	0.45	1%	0
031.01	Phosphorus, Photometric (%)	0650	0.70500	0.01000	0.69044	0.02998	0.01118	42	0.49	1%	0
031.01	Phosphorus, Photometric (%)	0868	0.70500	0.01000	0.69044	0.02998	0.01118	42	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	
031.01	Phosphorus, Photometric (%)	0674	0.71000	0.00000	0.69044	0.02998	0.01118	42	0.65	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.71000	0.00000	0.69044	0.02998	0.01118	42	0.65	1%	0
031.01	Phosphorus, Photometric (%)	0723	0.71390	0.00000	0.69044	0.02998	0.01118	42	0.78	2%	0
031.01	Phosphorus, Photometric (%)	0552	0.71500	0.01000	0.69044	0.02998	0.01118	42	0.82	2%	0
031.01	Phosphorus, Photometric (%)	0683	0.71500	0.01000	0.69044	0.02998	0.01118	42	0.82	2%	0
031.01	Phosphorus, Photometric (%)	2022	0.71500	0.01000	0.69044	0.02998	0.01118	42	0.82	2%	0
031.01	Phosphorus, Photometric (%)	0948	0.72000	0.00000	0.69044	0.02998	0.01118	42	0.99	2%	0
031.01	Phosphorus, Photometric (%)	2006	0.72700	0.00600	0.69044	0.02998	0.01118	42	1.22	3%	0
031.01	Phosphorus, Photometric (%)	0208	0.73500	0.00800	0.69044	0.02998	0.01118	42	1.49	3%	0
031.01	Phosphorus, Photometric (%)	0066	0.76500	0.01000	0.69044	0.02998	0.01118	42	2.49	5%	0
031.01	Phosphorus, Photometric (%)	2068	0.79000	0.00000	0.69044	0.02998	0.01118	42	3.32	7%	0
031.01	Phosphorus, Photometric (%)	0884	0.83000	0.04000	0.69044	0.02998	0.01118	42	4.66	10%	0
031.01	Phosphorus, Photometric (%)	0511	0.73000	0.08000	0.69044	0.02998	0.01118	42	1.32	3%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.64000	0.00000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.71000	0.00000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.71500	0.01000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.65000	0.00000	0.67891	0.02410	0.00482	5	-1.20	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.66500	0.01000	0.67891	0.02410	0.00482	5	-0.58	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.67650	0.00100	0.67891	0.02410	0.00482	5	-0.10	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.69000	0.00000	0.67891	0.02410	0.00482	5	0.46	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.71305	0.01310	0.67891	0.02410	0.00482	5	1.42	3%	0
031.06	Phosphorus, Hach Method (%)	0138	0.69400	0.01400				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.11000	0.00000	0.68789	0.03174	0.01001	31	-18.21	42%	0
031.41	Phosphorus, ICP, Dry ash (%)	0610	0.61500	0.01000	0.68789	0.03174	0.01001	31	-2.30	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.63500	0.01000	0.68789	0.03174	0.01001	31	-1.67	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.64500	0.01000	0.68789	0.03174	0.01001	31	-1.35	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.66000	0.00000	0.68789	0.03174	0.01001	31	-0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.66000	0.00000	0.68789	0.03174	0.01001	31	-0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.66200	0.00600	0.68789	0.03174	0.01001	31	-0.82	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.67000	0.02000	0.68789	0.03174	0.01001	31	-0.56	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.67500	0.01000	0.68789	0.03174	0.01001	31	-0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.67500	0.01000	0.68789	0.03174	0.01001	31	-0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.67500	0.01000	0.68789	0.03174	0.01001	31	-0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.68250	0.04900	0.68789	0.03174	0.01001	31	-0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.68550	0.01900	0.68789	0.03174	0.01001	31	-0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.68875	0.01470	0.68789	0.03174	0.01001	31	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.69000	0.00000	0.68789	0.03174	0.01001	31	0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.69000	0.00000	0.68789	0.03174	0.01001	31	0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.69000	0.00000	0.68789	0.03174	0.01001	31	0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.69050	0.00100	0.68789	0.03174	0.01001	31	0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.69115	0.01090	0.68789	0.03174	0.01001	31	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	
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.69500	0.01000	0.68789	0.03174	0.01001	31	0.22	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.69500	0.01000	0.68789	0.03174	0.01001	31	0.22	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	0.69835	0.00370	0.68789	0.03174	0.01001	31	0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.70000	0.02000	0.68789	0.03174	0.01001	31	0.38	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.70500	0.01000	0.68789	0.03174	0.01001	31	0.54	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.70500	0.01000	0.68789	0.03174	0.01001	31	0.54	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.70850	0.00300	0.68789	0.03174	0.01001	31	0.65	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.72500	0.01000	0.68789	0.03174	0.01001	31	1.17	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.73500	0.01000	0.68789	0.03174	0.01001	31	1.48	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.74350	0.03700	0.68789	0.03174	0.01001	31	1.75	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.75420	0.00200	0.68789	0.03174	0.01001	31	2.09	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.76890	0.00400	0.68789	0.03174	0.01001	31	2.55	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	6.7650	0.09000	0.68789	0.03174	0.01001	31	191.48	442%	2
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.58720	0.00260	0.67781	0.05225	0.02732	23	-1.73	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.60000	0.04000	0.67781	0.05225	0.02732	23	-1.49	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	2051	0.60900	0.08600	0.67781	0.05225	0.02732	23	-1.32	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.61435	0.00330	0.67781	0.05225	0.02732	23	-1.21	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.62500	0.01000	0.67781	0.05225	0.02732	23	-1.01	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.62500	0.05000	0.67781	0.05225	0.02732	23	-1.01	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.66000	0.00000	0.67781	0.05225	0.02732	23	-0.34	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.66500	0.09000	0.67781	0.05225	0.02732	23	-0.25	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	0.66590	0.01840	0.67781	0.05225	0.02732	23	-0.23	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.68500	0.01000	0.67781	0.05225	0.02732	23	0.14	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.68715	0.02390	0.67781	0.05225	0.02732	23	0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.69000	0.00000	0.67781	0.05225	0.02732	23	0.23	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.69500	0.01000	0.67781	0.05225	0.02732	23	0.33	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.69950	0.00900	0.67781	0.05225	0.02732	23	0.42	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.70200	0.03000	0.67781	0.05225	0.02732	23	0.46	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.70330	0.00100	0.67781	0.05225	0.02732	23	0.49	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.70500	0.03000	0.67781	0.05225	0.02732	23	0.52	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.70500	0.07400	0.67781	0.05225	0.02732	23	0.52	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.70550	0.00500	0.67781	0.05225	0.02732	23	0.53	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.71850	0.02700	0.67781	0.05225	0.02732	23	0.78	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.72600	0.08600	0.67781	0.05225	0.02732	23	0.92	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.74775	0.00210	0.67781	0.05225	0.02732	23	1.34	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.77000	0.02000	0.67781	0.05225	0.02732	23	1.76	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.62050	0.02500	0.68749	0.03132	0.01095	20	-2.14	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.64500	0.01000	0.68749	0.03132	0.01095	20	-1.36	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.65500	0.01000	0.68749	0.03132	0.01095	20	-1.04	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.65500	0.03000	0.68749	0.03132	0.01095	20	-1.04	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	0.66500	0.01000	0.68749	0.03132	0.01095	20	-0.72	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	0425	0.67000	0.00000	0.68749	0.03132	0.01095	20	-0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.67000	0.00000	0.68749	0.03132	0.01095	20	-0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.67300	0.00000	0.68749	0.03132	0.01095	20	-0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.68400	0.02400	0.68749	0.03132	0.01095	20	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.68500	0.03000	0.68749	0.03132	0.01095	20	-0.08	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.69000	0.00000	0.68749	0.03132	0.01095	20	0.08	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.69750	0.00500	0.68749	0.03132	0.01095	20	0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.69950	0.00300	0.68749	0.03132	0.01095	20	0.38	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.70500	0.01000	0.68749	0.03132	0.01095	20	0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.71110	0.00180	0.68749	0.03132	0.01095	20	0.75	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.71400	0.00000	0.68749	0.03132	0.01095	20	0.85	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.71425	0.03950	0.68749	0.03132	0.01095	20	0.85	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.71855	0.00470	0.68749	0.03132	0.01095	20	0.99	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.72300	0.00600	0.68749	0.03132	0.01095	20	1.13	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.74500	0.01000	0.68749	0.03132	0.01095	20	1.84	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.74840	0.06120	0.68749	0.03132	0.01095	20	1.94	4%	1
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.62820	0.04220				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.67000	0.02400				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.68600	0.00000				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0413	0.74130	0.00360				3			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.57750	0.02100	0.68875	0.01031	0.01420	5	-10.79	8%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.67500	0.01000	0.68875	0.01031	0.01420	5	-1.33	1%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.69000	0.02000	0.68875	0.01031	0.01420	5	0.12	0%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.69000	0.02000	0.68875	0.01031	0.01420	5	0.12	0%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.70000	0.00000	0.68875	0.01031	0.01420	5	1.09	1%	0
032.02	Potassium, Flame Emission (%)	0884	1.0250	0.01000				2			0
032.02	Potassium, Flame Emission (%)	0504	1.0450	0.05000				2			0
032.31	Potassium, AAS, Dry ash (%)	0505	0.87500	0.01000	0.99555	0.06443	0.02347	15	-1.87	6%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.92500	0.01000	0.99555	0.06443	0.02347	15	-1.09	4%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.94000	0.00000	0.99555	0.06443	0.02347	15	-0.86	3%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.94500	0.01000	0.99555	0.06443	0.02347	15	-0.78	3%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.94905	0.01030	0.99555	0.06443	0.02347	15	-0.72	2%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.95500	0.01000	0.99555	0.06443	0.02347	15	-0.63	2%	0
032.31	Potassium, AAS, Dry ash (%)	0066	1.0000	0.02000	0.99555	0.06443	0.02347	15	0.07	0%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.0128	0.00850	0.99555	0.06443	0.02347	15	0.27	1%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.0155	0.06500	0.99555	0.06443	0.02347	15	0.31	1%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.0198	0.01820	0.99555	0.06443	0.02347	15	0.38	1%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.0250	0.05000	0.99555	0.06443	0.02347	15	0.46	1%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.0350	0.01000	0.99555	0.06443	0.02347	15	0.61	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.0550	0.01000	0.99555	0.06443	0.02347	15	0.92	3%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.0650	0.09000	0.99555	0.06443	0.02347	15	1.08	3%	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	
032.31	Potassium, AAS, Dry ash (%)	0650	1.1050	0.03000	0.99555	0.06443	0.02347	15	1.70	5%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.85000	0.00200				2			0
032.32	Potassium, AAS, Open vessel (%)	0609	0.99500	0.01000				2			0
032.41	Potassium, ICP, Dry ash (%)	0720	0.79500	0.01000	0.98489	0.03776	0.01989	24	-5.03	10%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.94000	0.02000	0.98489	0.03776	0.01989	24	-1.19	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.94500	0.07000	0.98489	0.03776	0.01989	24	-1.06	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.94800	0.00400	0.98489	0.03776	0.01989	24	-0.98	2%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.95000	0.02000	0.98489	0.03776	0.01989	24	-0.92	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.95500	0.01000	0.98489	0.03776	0.01989	24	-0.79	2%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.96000	0.02000	0.98489	0.03776	0.01989	24	-0.66	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.96100	0.00600	0.98489	0.03776	0.01989	24	-0.63	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.96500	0.01000	0.98489	0.03776	0.01989	24	-0.53	1%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.96950	0.00300	0.98489	0.03776	0.01989	24	-0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.98250	0.00300	0.98489	0.03776	0.01989	24	-0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0011	0.98370	0.01200	0.98489	0.03776	0.01989	24	-0.03	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.98705	0.04570	0.98489	0.03776	0.01989	24	0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.99340	0.00520	0.98489	0.03776	0.01989	24	0.23	0%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.99500	0.03000	0.98489	0.03776	0.01989	24	0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0610	1.0000	0.00000	0.98489	0.03776	0.01989	24	0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0868	1.0000	0.00000	0.98489	0.03776	0.01989	24	0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0083	1.0008	0.01840	0.98489	0.03776	0.01989	24	0.42	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.0100	0.02000	0.98489	0.03776	0.01989	24	0.67	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.0150	0.01000	0.98489	0.03776	0.01989	24	0.80	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.0300	0.00000	0.98489	0.03776	0.01989	24	1.19	2%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.0350	0.01000	0.98489	0.03776	0.01989	24	1.33	3%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.0500	0.04000	0.98489	0.03776	0.01989	24	1.72	3%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.0650	0.11000	0.98489	0.03776	0.01989	24	2.12	4%	0
032.41	Potassium, ICP, Dry ash (%)	0405	9.9950	0.57000	0.98489	0.03776	0.01989	24	238.60	457%	2
032.42	Potassium, ICP, Open vessel (%)	2051	0.84550	0.10300	1.0229	0.05705	0.02658	22	-3.11	9%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.94000	0.00000	1.0229	0.05705	0.02658	22	-1.45	4%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.96915	0.03450	1.0229	0.05705	0.02658	22	-0.94	3%	0
032.42	Potassium, ICP, Open vessel (%)	0202	0.97000	0.02000	1.0229	0.05705	0.02658	22	-0.93	3%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.98550	0.04900	1.0229	0.05705	0.02658	22	-0.66	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.99400	0.03200	1.0229	0.05705	0.02658	22	-0.51	1%	0
032.42	Potassium, ICP, Open vessel (%)	0555	0.99905	0.00390	1.0229	0.05705	0.02658	22	-0.42	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.0000	0.02000	1.0229	0.05705	0.02658	22	-0.40	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.0100	0.02000	1.0229	0.05705	0.02658	22	-0.23	1%	0
032.42	Potassium, ICP, Open vessel (%)	0613	1.0150	0.01000	1.0229	0.05705	0.02658	22	-0.14	0%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.0190	0.00400	1.0229	0.05705	0.02658	22	-0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.0200	0.04000	1.0229	0.05705	0.02658	22	-0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.0250	0.03000	1.0229	0.05705	0.02658	22	0.04	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	
032.42	Potassium, ICP, Open vessel (%)	0187	1.0250	0.01000	1.0229	0.05705	0.02658	22	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.0300	0.02000	1.0229	0.05705	0.02658	22	0.12	0%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.0440	0.06400	1.0229	0.05705	0.02658	22	0.37	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.0445	0.00130	1.0229	0.05705	0.02658	22	0.38	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.0500	0.04000	1.0229	0.05705	0.02658	22	0.48	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.1005	0.00300	1.0229	0.05705	0.02658	22	1.36	4%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.1200	0.02000	1.0229	0.05705	0.02658	22	1.70	5%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.1350	0.03000	1.0229	0.05705	0.02658	22	1.97	5%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.1750	0.03000	1.0229	0.05705	0.02658	22	2.67	7%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.89500	0.01000	0.99433	0.07037	0.01515	17	-1.41	5%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.91050	0.00700	0.99433	0.07037	0.01515	17	-1.19	4%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.91500	0.01000	0.99433	0.07037	0.01515	17	-1.13	4%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.94500	0.01000	0.99433	0.07037	0.01515	17	-0.70	2%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.95000	0.02000	0.99433	0.07037	0.01515	17	-0.63	2%	0
032.43	Potassium, ICP, Microwave (%)	0043	0.96000	0.00000	0.99433	0.07037	0.01515	17	-0.49	2%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.97000	0.00000	0.99433	0.07037	0.01515	17	-0.35	1%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.97500	0.01000	0.99433	0.07037	0.01515	17	-0.27	1%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.98350	0.00300	0.99433	0.07037	0.01515	17	-0.15	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.0198	0.01360	0.99433	0.07037	0.01515	17	0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.0200	0.00000	0.99433	0.07037	0.01515	17	0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.0300	0.04000	0.99433	0.07037	0.01515	17	0.51	2%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.0350	0.03000	0.99433	0.07037	0.01515	17	0.58	2%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.0350	0.01000	0.99433	0.07037	0.01515	17	0.58	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.0750	0.03000	0.99433	0.07037	0.01515	17	1.15	4%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.0850	0.05000	0.99433	0.07037	0.01515	17	1.29	5%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.2560	0.01400	0.99433	0.07037	0.01515	17	3.72	13%	0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.99565	0.01590				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	2080	1.0098	0.04220				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0413	1.0012	0.00050				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.0150	0.03000				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.0185	0.06300				3			0
032.99	Potassium, Miscellaneous (%)	0590	0.99000	0.04000	1.0340	0.04068	0.02800	5	-1.08	2%	0
032.99	Potassium, Miscellaneous (%)	0242	1.0050	0.01000	1.0340	0.04068	0.02800	5	-0.71	1%	0
032.99	Potassium, Miscellaneous (%)	0035	1.0350	0.05000	1.0340	0.04068	0.02800	5	0.02	0%	0
032.99	Potassium, Miscellaneous (%)	0889	1.0450	0.01000	1.0340	0.04068	0.02800	5	0.27	1%	0
032.99	Potassium, Miscellaneous (%)	0100	1.0950	0.03000	1.0340	0.04068	0.02800	5	1.50	3%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.22500	0.03000	0.33909	0.04699	0.01622	20	-2.43	17%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.27500	0.03000	0.33909	0.04699	0.01622	20	-1.36	9%	0
033.00	Salt as chloride, Sol Cl (%)	2068	0.28000	0.00000	0.33909	0.04699	0.01622	20	-1.26	9%	0
033.00	Salt as chloride, Sol Cl (%)	0868	0.30000	0.00000	0.33909	0.04699	0.01622	20	-0.83	6%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.30050	0.06300	0.33909	0.04699	0.01622	20	-0.82	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.00	Salt as chloride, Sol Cl (%)	0674	0.31000	0.00000	0.33909	0.04699	0.01622	20	-0.62	4%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.31950	0.00300	0.33909	0.04699	0.01622	20	-0.42	3%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.32000	0.02000	0.33909	0.04699	0.01622	20	-0.41	3%	0
033.00	Salt as chloride, Sol Cl (%)	0512	0.34130	0.03520	0.33909	0.04699	0.01622	20	0.05	0%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.34510	0.01100	0.33909	0.04699	0.01622	20	0.13	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.35000	0.00000	0.33909	0.04699	0.01622	20	0.23	2%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.35000	0.00000	0.33909	0.04699	0.01622	20	0.23	2%	0
033.00	Salt as chloride, Sol Cl (%)	0169	0.35500	0.01000	0.33909	0.04699	0.01622	20	0.34	2%	0
033.00	Salt as chloride, Sol Cl (%)	0921	0.35500	0.01000	0.33909	0.04699	0.01622	20	0.34	2%	0
033.00	Salt as chloride, Sol Cl (%)	0723	0.36000	0.00000	0.33909	0.04699	0.01622	20	0.44	3%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.37000	0.00000	0.33909	0.04699	0.01622	20	0.66	5%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.37730	0.00220	0.33909	0.04699	0.01622	20	0.81	6%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.39500	0.03000	0.33909	0.04699	0.01622	20	1.19	8%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.40000	0.08000	0.33909	0.04699	0.01622	20	1.30	9%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.49000	0.00000	0.33909	0.04699	0.01622	20	3.21	22%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.33500	0.01000	0.38067	0.02062	0.01008	29	-2.22	6%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.34500	0.00400	0.38067	0.02062	0.01008	29	-1.73	5%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.35000	0.00000	0.38067	0.02062	0.01008	29	-1.49	4%	0
033.01	Salt as chloride, Poten Cl (%)	0021	0.36000	0.02000	0.38067	0.02062	0.01008	29	-1.00	3%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.36400	0.00000	0.38067	0.02062	0.01008	29	-0.81	2%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.36500	0.01000	0.38067	0.02062	0.01008	29	-0.76	2%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.36650	0.00100	0.38067	0.02062	0.01008	29	-0.69	2%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.37000	0.02000	0.38067	0.02062	0.01008	29	-0.52	1%	0
033.01	Salt as chloride, Poten Cl (%)	0683	0.37000	0.00000	0.38067	0.02062	0.01008	29	-0.52	1%	0
033.01	Salt as chloride, Poten Cl (%)	0861	0.37000	0.00000	0.38067	0.02062	0.01008	29	-0.52	1%	0
033.01	Salt as chloride, Poten Cl (%)	0011	0.37205	0.00370	0.38067	0.02062	0.01008	29	-0.42	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	0.37500	0.01000	0.38067	0.02062	0.01008	29	-0.28	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	0.37950	0.00300	0.38067	0.02062	0.01008	29	-0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.38000	0.00000	0.38067	0.02062	0.01008	29	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.38000	0.04000	0.38067	0.02062	0.01008	29	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.38000	0.02000	0.38067	0.02062	0.01008	29	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0629	0.38000	0.00000	0.38067	0.02062	0.01008	29	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.38500	0.01000	0.38067	0.02062	0.01008	29	0.21	1%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.38500	0.01000	0.38067	0.02062	0.01008	29	0.21	1%	0
033.01	Salt as chloride, Poten Cl (%)	0644	0.38820	0.01260	0.38067	0.02062	0.01008	29	0.36	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.39000	0.00000	0.38067	0.02062	0.01008	29	0.45	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.39500	0.03000	0.38067	0.02062	0.01008	29	0.69	2%	0
033.01	Salt as chloride, Poten Cl (%)	0650	0.39500	0.03000	0.38067	0.02062	0.01008	29	0.69	2%	0
033.01	Salt as chloride, Poten Cl (%)	0003	0.40000	0.00000	0.38067	0.02062	0.01008	29	0.94	3%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.40000	0.00000	0.38067	0.02062	0.01008	29	0.94	3%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.40500	0.03000	0.38067	0.02062	0.01008	29	1.18	3%	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	
033.01	Salt as chloride, Poten Cl (%)	2109	0.41800	0.02800	0.38067	0.02062	0.01008	29	1.81	5%	0
033.01	Salt as chloride, Poten Cl (%)	0874	0.42900	0.00000	0.38067	0.02062	0.01008	29	2.34	6%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.44000	0.00000	0.38067	0.02062	0.01008	29	2.88	8%	0
033.03	Salt as chloride, Quantab (%)	0726	0.27000	0.02000	0.33875	0.04589	0.02200	5	-1.50	10%	0
033.03	Salt as chloride, Quantab (%)	0144	0.36000	0.00000	0.33875	0.04589	0.02200	5	0.46	3%	0
033.03	Salt as chloride, Quantab (%)	0265	0.36000	0.00000	0.33875	0.04589	0.02200	5	0.46	3%	0
033.03	Salt as chloride, Quantab (%)	0505	0.36500	0.01000	0.33875	0.04589	0.02200	5	0.57	4%	0
033.03	Salt as chloride, Quantab (%)	0190	0.40000	0.08000	0.33875	0.04589	0.02200	5	1.33	9%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.36000	0.02000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.40500	0.01000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	0.58000	0.04000				3			0
033.99	Salt, Miscellaneous (%)	0358	0.26000	0.00000	0.35393	0.04304	0.01633	9	-2.18	13%	0
033.99	Salt, Miscellaneous (%)	0613	0.32350	0.03100	0.35393	0.04304	0.01633	9	-0.71	4%	0
033.99	Salt, Miscellaneous (%)	0910	0.33000	0.00000	0.35393	0.04304	0.01633	9	-0.56	3%	0
033.99	Salt, Miscellaneous (%)	0208	0.34400	0.01600	0.35393	0.04304	0.01633	9	-0.23	1%	0
033.99	Salt, Miscellaneous (%)	0552	0.35000	0.02000	0.35393	0.04304	0.01633	9	-0.09	1%	0
033.99	Salt, Miscellaneous (%)	2073	0.37000	0.04000	0.35393	0.04304	0.01633	9	0.37	2%	0
033.99	Salt, Miscellaneous (%)	0682	0.38000	0.00000	0.35393	0.04304	0.01633	9	0.61	4%	0
033.99	Salt, Miscellaneous (%)	0939	0.38000	0.00000	0.35393	0.04304	0.01633	9	0.61	4%	0
033.99	Salt, Miscellaneous (%)	0681	0.95000	0.04000	0.35393	0.04304	0.01633	9	13.85	84%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	0.43000	0.00600				2			0
034.01	Selenium, Fluor (mg / kg (ppm))	0098	0.44500	0.00200				2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.41500	0.01000	0.47800	0.06695	0.02400	5	-0.94	7%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	2053	0.43000	0.04000	0.47800	0.06695	0.02400	5	-0.72	5%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.44500	0.05000	0.47800	0.06695	0.02400	5	-0.49	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.54000	0.02000	0.47800	0.06695	0.02400	5	0.93	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.56000	0.00000	0.47800	0.06695	0.02400	5	1.22	9%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0512	0.41430	0.02300				2			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.85850	0.01900				2			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	1.0700	0.08000				1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	2080	0.34500	0.01000	0.55680	0.17271	0.04640	5	-1.23	19%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.44500	0.05000	0.55680	0.17271	0.04640	5	-0.65	10%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.57300	0.03800	0.55680	0.17271	0.04640	5	0.09	1%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0016	0.62550	0.04700	0.55680	0.17271	0.04640	5	0.40	6%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.79550	0.08700	0.55680	0.17271	0.04640	5	1.38	21%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	0.47000	0.04000	0.63459	0.17056	0.09240	5	-0.96	13%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.52950	0.04900	0.63459	0.17056	0.09240	5	-0.62	8%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.68950	0.13700	0.63459	0.17056	0.09240	5	0.32	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0413	0.84935	0.15230	0.63459	0.17056	0.09240	5	1.26	17%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	1.9284	0.08370	0.63459	0.17056	0.09240	5	7.59	102%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	0.45500	0.01000				2			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			
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	2.7300	0.06000				2			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.11550	0.00100				3			0
035.01	Sodium, Ion-selective electrode (%)	2109	0.12050	0.00100				3			0
035.01	Sodium, Ion-selective electrode (%)	0138	0.12800	0.00600				3			0
035.02	Sodium, Em Spect (%)	0884	0.11000	0.00000				1			0
035.05	Sodium, Flame Emission (%)	0504	0.11000	0.00000	0.11700	0.00582	0.00400	4	-1.20	3%	0
035.05	Sodium, Flame Emission (%)	0108	0.11500	0.01000	0.11700	0.00582	0.00400	4	-0.34	1%	0
035.05	Sodium, Flame Emission (%)	0152	0.11950	0.00300	0.11700	0.00582	0.00400	4	0.43	1%	0
035.05	Sodium, Flame Emission (%)	0066	0.12350	0.00300	0.11700	0.00582	0.00400	4	1.12	3%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.09000	0.00000	0.10514	0.01093	0.00523	17	-1.38	7%	0
035.31	Sodium, AAS, Dry ash (%)	2080	0.09150	0.00700	0.10514	0.01093	0.00523	17	-1.25	6%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.09350	0.00000	0.10514	0.01093	0.00523	17	-1.06	6%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.10000	0.02000	0.10514	0.01093	0.00523	17	-0.47	2%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.10000	0.00400	0.10514	0.01093	0.00523	17	-0.47	2%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.10000	0.00000	0.10514	0.01093	0.00523	17	-0.47	2%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.10000	0.00000	0.10514	0.01093	0.00523	17	-0.47	2%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.10250	0.01500	0.10514	0.01093	0.00523	17	-0.24	1%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.10360	0.00160	0.10514	0.01093	0.00523	17	-0.14	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.10500	0.01000	0.10514	0.01093	0.00523	17	-0.01	0%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.10795	0.00210	0.10514	0.01093	0.00523	17	0.26	1%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.11000	0.00000	0.10514	0.01093	0.00523	17	0.44	2%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.11000	0.00000	0.10514	0.01093	0.00523	17	0.44	2%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.11120	0.00420	0.10514	0.01093	0.00523	17	0.55	3%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.11900	0.01200	0.10514	0.01093	0.00523	17	1.27	7%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.12650	0.00300	0.10514	0.01093	0.00523	17	1.95	10%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.15500	0.01000	0.10514	0.01093	0.00523	17	4.56	24%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.10350	0.00100				2			0
035.32	Sodium, AAS, Open vessel (%)	0609	0.14000	0.00000				2			0
035.41	Sodium, ICP, Dry ash (%)	0610	0.09000	0.00000	0.10932	0.01261	0.00412	25	-1.53	9%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.09805	0.00030	0.10932	0.01261	0.00412	25	-0.89	5%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.10000	0.00000	0.10932	0.01261	0.00412	25	-0.74	4%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.10000	0.00000	0.10932	0.01261	0.00412	25	-0.74	4%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.10000	0.00000	0.10932	0.01261	0.00412	25	-0.74	4%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.10000	0.00000	0.10932	0.01261	0.00412	25	-0.74	4%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.10100	0.00200	0.10932	0.01261	0.00412	25	-0.66	4%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.10200	0.00500	0.10932	0.01261	0.00412	25	-0.58	3%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.10250	0.00100	0.10932	0.01261	0.00412	25	-0.54	3%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.10300	0.00200	0.10932	0.01261	0.00412	25	-0.50	3%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.10350	0.00100	0.10932	0.01261	0.00412	25	-0.46	3%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.10450	0.00100	0.10932	0.01261	0.00412	25	-0.38	2%	0
035.41	Sodium, ICP, Dry ash (%)	0868	0.10500	0.01000	0.10932	0.01261	0.00412	25	-0.34	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	
035.41	Sodium, ICP, Dry ash (%)	0598	0.10545	0.00170	0.10932	0.01261	0.00412	25	-0.31	2%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.11000	0.02000	0.10932	0.01261	0.00412	25	0.05	0%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.11000	0.02000	0.10932	0.01261	0.00412	25	0.05	0%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.11000	0.00000	0.10932	0.01261	0.00412	25	0.05	0%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.11200	0.00200	0.10932	0.01261	0.00412	25	0.21	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.12000	0.02000	0.10932	0.01261	0.00412	25	0.85	5%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.12000	0.00000	0.10932	0.01261	0.00412	25	0.85	5%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.12500	0.01000	0.10932	0.01261	0.00412	25	1.24	7%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.12600	0.00200	0.10932	0.01261	0.00412	25	1.32	8%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.13250	0.00500	0.10932	0.01261	0.00412	25	1.84	11%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.17000	0.00000	0.10932	0.01261	0.00412	25	4.81	28%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.69000	0.00000	0.10932	0.01261	0.00412	25	46.06	266%	0
035.41	Sodium, ICP, Dry ash (%)	0405	1.0050	0.11000	0.10932	0.01261	0.00412	25	71.05	410%	1
035.42	Sodium, ICP, Open vessel (%)	2051	0.09000	0.01400	0.10533	0.00915	0.00523	20	-1.68	7%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.09340	0.00360	0.10533	0.00915	0.00523	20	-1.30	6%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.09850	0.00100	0.10533	0.00915	0.00523	20	-0.75	3%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.09915	0.00150	0.10533	0.00915	0.00523	20	-0.68	3%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.10000	0.00000	0.10533	0.00915	0.00523	20	-0.58	3%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.10000	0.00000	0.10533	0.00915	0.00523	20	-0.58	3%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.10100	0.00400	0.10533	0.00915	0.00523	20	-0.47	2%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.10165	0.00470	0.10533	0.00915	0.00523	20	-0.40	2%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.10365	0.00210	0.10533	0.00915	0.00523	20	-0.18	1%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.10450	0.00300	0.10533	0.00915	0.00523	20	-0.09	0%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.10470	0.00800	0.10533	0.00915	0.00523	20	-0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.10500	0.01000	0.10533	0.00915	0.00523	20	-0.04	0%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.10500	0.01000	0.10533	0.00915	0.00523	20	-0.04	0%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.10500	0.01000	0.10533	0.00915	0.00523	20	-0.04	0%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.11000	0.00000	0.10533	0.00915	0.00523	20	0.51	2%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.11000	0.00000	0.10533	0.00915	0.00523	20	0.51	2%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.11625	0.00190	0.10533	0.00915	0.00523	20	1.19	5%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.12000	0.02000	0.10533	0.00915	0.00523	20	1.60	7%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.12095	0.00070	0.10533	0.00915	0.00523	20	1.71	7%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.12500	0.01000	0.10533	0.00915	0.00523	20	2.15	9%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.08750	0.00100	0.10222	0.00944	0.00535	15	-1.56	7%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.08800	0.00200	0.10222	0.00944	0.00535	15	-1.51	7%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.09000	0.00000	0.10222	0.00944	0.00535	15	-1.30	6%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.10000	0.00000	0.10222	0.00944	0.00535	15	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.10000	0.00000	0.10222	0.00944	0.00535	15	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.10000	0.00000	0.10222	0.00944	0.00535	15	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.10200	0.00200	0.10222	0.00944	0.00535	15	-0.02	0%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.10400	0.00600	0.10222	0.00944	0.00535	15	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	
035.43	Sodium, ICP, Microwave (%)	0098	0.10500	0.01000	0.10222	0.00944	0.00535	15	0.29	1%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.10500	0.01000	0.10222	0.00944	0.00535	15	0.29	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.10550	0.00100	0.10222	0.00944	0.00535	15	0.35	2%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.10835	0.00030	0.10222	0.00944	0.00535	15	0.65	3%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.11000	0.02000	0.10222	0.00944	0.00535	15	0.82	4%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.11100	0.01800	0.10222	0.00944	0.00535	15	0.93	4%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.12500	0.01000	0.10222	0.00944	0.00535	15	2.41	11%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.37250	0.00100	0.10222	0.00944	0.00535	15	28.63	132%	2
035.52	Sodium, ICP-MS, Open vessel (%)	2080	0.09650	0.00280				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.11360	0.01300				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.10350	0.00900				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.10500	0.00400				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0413	0.10890	0.00120				3			0
035.99	Sodium, Miscellaneous (%)	0035	0.10000	0.00000	0.10817	0.00682	0.01033	6	-1.20	4%	0
035.99	Sodium, Miscellaneous (%)	0242	0.10500	0.01000	0.10817	0.00682	0.01033	6	-0.46	1%	0
035.99	Sodium, Miscellaneous (%)	0590	0.10500	0.01000	0.10817	0.00682	0.01033	6	-0.46	1%	0
035.99	Sodium, Miscellaneous (%)	0881	0.10900	0.00200	0.10817	0.00682	0.01033	6	0.12	0%	0
035.99	Sodium, Miscellaneous (%)	0100	0.11500	0.01000	0.10817	0.00682	0.01033	6	1.00	3%	0
035.99	Sodium, Miscellaneous (%)	2105	0.11500	0.03000	0.10817	0.00682	0.01033	6	1.00	3%	0
035.99	Sodium, Miscellaneous (%)	0889	0.02500	0.05000	0.10817	0.00682	0.01033	6			4
036.00	Sulfur, Gravimetric (%)	0038	0.28350	0.00700				1			0
036.04	Sulfur, LECO (%)	0098	0.28500	0.01000	0.30333	0.01155	0.00250	4	-1.59	3%	0
036.04	Sulfur, LECO (%)	0610	0.29000	0.00000	0.30333	0.01155	0.00250	4	-1.15	2%	0
036.04	Sulfur, LECO (%)	0226	0.31000	0.00000	0.30333	0.01155	0.00250	4	0.58	1%	0
036.04	Sulfur, LECO (%)	0229	0.31000	0.00000	0.30333	0.01155	0.00250	4	0.58	1%	0
036.42	Sulfur, ICP, Open vessel (%)	2051	0.20750	0.00300	0.29943	0.01980	0.01085	22	-4.64	15%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.25690	0.00380	0.29943	0.01980	0.01085	22	-2.15	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.27500	0.03000	0.29943	0.01980	0.01085	22	-1.23	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.27500	0.01000	0.29943	0.01980	0.01085	22	-1.23	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.28500	0.01000	0.29943	0.01980	0.01085	22	-0.73	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.28850	0.01100	0.29943	0.01980	0.01085	22	-0.55	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.29000	0.00000	0.29943	0.01980	0.01085	22	-0.48	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.29000	0.02000	0.29943	0.01980	0.01085	22	-0.48	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.29020	0.00520	0.29943	0.01980	0.01085	22	-0.47	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.30000	0.04200	0.29943	0.01980	0.01085	22	0.03	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.30145	0.00130	0.29943	0.01980	0.01085	22	0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.30500	0.01000	0.29943	0.01980	0.01085	22	0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.30730	0.00940	0.29943	0.01980	0.01085	22	0.40	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.30785	0.00270	0.29943	0.01980	0.01085	22	0.43	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.30900	0.00400	0.29943	0.01980	0.01085	22	0.48	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.31000	0.00000	0.29943	0.01980	0.01085	22	0.53	2%	0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

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	
036.42	Sulfur, ICP, Open vessel (%)	0692	0.31000	0.04000	0.29943	0.01980	0.01085	22	0.53	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.31630	0.01460	0.29943	0.01980	0.01085	22	0.85	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.31720	0.00180	0.29943	0.01980	0.01085	22	0.90	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.32000	0.00000	0.29943	0.01980	0.01085	22	1.04	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.32100	0.01000	0.29943	0.01980	0.01085	22	1.09	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.33500	0.01000	0.29943	0.01980	0.01085	22	1.80	6%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.27000	0.00000	0.30397	0.01758	0.00728	10	-1.93	6%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.28600	0.00200	0.30397	0.01758	0.00728	10	-1.02	3%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.29500	0.01000	0.30397	0.01758	0.00728	10	-0.51	1%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.29600	0.00000	0.30397	0.01758	0.00728	10	-0.45	1%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.30030	0.01180	0.30397	0.01758	0.00728	10	-0.21	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.31000	0.00000	0.30397	0.01758	0.00728	10	0.34	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.31380	0.01900	0.30397	0.01758	0.00728	10	0.56	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.31500	0.01000	0.30397	0.01758	0.00728	10	0.63	2%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.32100	0.01000	0.30397	0.01758	0.00728	10	0.97	3%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.32500	0.01000	0.30397	0.01758	0.00728	10	1.20	3%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.30500	0.05000	0.30397	0.01758	0.00728	10	0.06	0%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	2,853.5	241.00				1			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.30900	0.00600				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.30000	0.00000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.31000	0.00000				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	1,113.0	0.00000	1,242.5	48.266	19.909	15	-2.68	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	1,200.0	0.00000	1,242.5	48.266	19.909	15	-0.88	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	1,205.6	96.250	1,242.5	48.266	19.909	15	-0.76	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	1,210.9	28.700	1,242.5	48.266	19.909	15	-0.66	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	1,225.0	30.000	1,242.5	48.266	19.909	15	-0.36	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	1,225.5	11.000	1,242.5	48.266	19.909	15	-0.35	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0884	1,226.6	1.1000	1,242.5	48.266	19.909	15	-0.33	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0653	1,227.5	7.0000	1,242.5	48.266	19.909	15	-0.31	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	1,247.0	84.000	1,242.5	48.266	19.909	15	0.09	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	1,247.3	17.550	1,242.5	48.266	19.909	15	0.10	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	1,247.5	7.0000	1,242.5	48.266	19.909	15	0.10	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	1,274.5	11.000	1,242.5	48.266	19.909	15	0.66	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	1,300.0	0.00000	1,242.5	48.266	19.909	15	1.19	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	1,346.5	3.0000	1,242.5	48.266	19.909	15	2.16	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	1,357.8	2.0400	1,242.5	48.266	19.909	15	2.39	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	1,255.0	170.00	1,242.5	48.266	19.909	15	0.26	1%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	82.500	5.0000				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	1,110.0	40.000				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	1,234.5	51.000				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	1,233.5	1.0000				2			0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	1,240.0	0.00000				2			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0610	1,166.0	30.000	1,267.2	34.623	27.874	24	-2.92	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	1,220.0	0.00000	1,267.2	34.623	27.874	24	-1.36	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	1,230.5	1.0000	1,267.2	34.623	27.874	24	-1.06	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	1,232.2	16.950	1,267.2	34.623	27.874	24	-1.01	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	1,236.0	42.000	1,267.2	34.623	27.874	24	-0.90	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	1,239.5	1.0000	1,267.2	34.623	27.874	24	-0.80	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	1,240.0	96.000	1,267.2	34.623	27.874	24	-0.78	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	1,240.0	20.000	1,267.2	34.623	27.874	24	-0.78	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	1,254.1	41.210	1,267.2	34.623	27.874	24	-0.38	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	1,260.2	36.110	1,267.2	34.623	27.874	24	-0.20	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	1,261.4	8.9000	1,267.2	34.623	27.874	24	-0.17	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	1,267.0	8.0000	1,267.2	34.623	27.874	24	0.00	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	1,276.5	93.000	1,267.2	34.623	27.874	24	0.27	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	1,276.8	32.170	1,267.2	34.623	27.874	24	0.28	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	1,278.5	33.000	1,267.2	34.623	27.874	24	0.33	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	1,281.0	52.000	1,267.2	34.623	27.874	24	0.40	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	1,283.5	19.000	1,267.2	34.623	27.874	24	0.47	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	1,291.9	6.8750	1,267.2	34.623	27.874	24	0.71	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	1,293.0	46.000	1,267.2	34.623	27.874	24	0.75	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	1,293.3	50.750	1,267.2	34.623	27.874	24	0.76	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0868	1,300.0	0.00000	1,267.2	34.623	27.874	24	0.95	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0512	1,303.0	20.000	1,267.2	34.623	27.874	24	1.04	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	1,323.5	1.0000	1,267.2	34.623	27.874	24	1.63	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	1,380.8	14.020	1,267.2	34.623	27.874	24	3.28	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	1,463.5	195.00	1,267.2	34.623	27.874	24	5.67	8%	1
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	111.95	1.7000	1,267.2	34.623	27.874	24	-33.36	46%	2
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	1,001.1	43.900	1,251.4	83.471	27.526	19	-3.00	10%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	1,140.0	20.000	1,251.4	83.471	27.526	19	-1.33	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	1,149.0	32.470	1,251.4	83.471	27.526	19	-1.23	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	1,178.3	71.500	1,251.4	83.471	27.526	19	-0.88	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	1,190.3	9.7200	1,251.4	83.471	27.526	19	-0.73	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	1,210.0	40.000	1,251.4	83.471	27.526	19	-0.50	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	1,215.0	50.000	1,251.4	83.471	27.526	19	-0.44	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	1,237.5	13.300	1,251.4	83.471	27.526	19	-0.17	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	1,250.0	26.000	1,251.4	83.471	27.526	19	-0.02	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	1,257.5	37.000	1,251.4	83.471	27.526	19	0.07	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	1,258.5	9.0000	1,251.4	83.471	27.526	19	0.09	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	1,261.0	14.000	1,251.4	83.471	27.526	19	0.12	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	1,285.0	50.000	1,251.4	83.471	27.526	19	0.40	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	1,306.1	3.7800	1,251.4	83.471	27.526	19	0.66	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	1,317.0	0.03000	1,251.4	83.471	27.526	19	0.79	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	1,342.5	65.000	1,251.4	83.471	27.526	19	1.09	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	1,343.5	5.0000	1,251.4	83.471	27.526	19	1.10	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	1,352.4	23.290	1,251.4	83.471	27.526	19	1.21	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	1,356.5	9.0000	1,251.4	83.471	27.526	19	1.26	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	106.95	4.3700	1,251.4	83.471	27.526	19	-13.71	46%	2
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	248.81	2.0500	1,279.6	102.56	21.094	20	-10.05	40%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	1,146.0	28.000	1,279.6	102.56	21.094	20	-1.30	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	1,177.5	5.0000	1,279.6	102.56	21.094	20	-1.00	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	1,190.8	0.00000	1,279.6	102.56	21.094	20	-0.87	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	1,203.9	37.780	1,279.6	102.56	21.094	20	-0.74	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	1,214.2	7.0400	1,279.6	102.56	21.094	20	-0.64	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	1,245.5	61.000	1,279.6	102.56	21.094	20	-0.33	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	1,250.0	20.000	1,279.6	102.56	21.094	20	-0.29	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	1,250.5	31.000	1,279.6	102.56	21.094	20	-0.28	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	1,255.0	30.000	1,279.6	102.56	21.094	20	-0.24	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	1,265.5	7.0000	1,279.6	102.56	21.094	20	-0.14	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	1,281.5	13.000	1,279.6	102.56	21.094	20	0.02	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	1,315.0	30.000	1,279.6	102.56	21.094	20	0.35	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	1,316.0	34.000	1,279.6	102.56	21.094	20	0.36	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	1,364.5	1.0000	1,279.6	102.56	21.094	20	0.83	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	1,370.0	24.000	1,279.6	102.56	21.094	20	0.88	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	1,390.0	22.000	1,279.6	102.56	21.094	20	1.08	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	1,393.0	8.0000	1,279.6	102.56	21.094	20	1.11	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0504	1,403.0	28.000	1,279.6	102.56	21.094	20	1.20	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	1,691.5	33.000	1,279.6	102.56	21.094	20	4.02	16%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	1,413.3	331.01	1,279.6	102.56	21.094	20	1.30	5%	1
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	2080	360.86	13.700				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	1,044.0	4.0000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2055	957.00	76.000	1,163.2	161.90	55.172	4	-1.27	9%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0413	1,130.9	74.687	1,163.2	161.90	55.172	4	-0.20	1%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	1,225.0	70.000	1,163.2	161.90	55.172	4	0.38	3%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	1,340.0	0.00000	1,163.2	161.90	55.172	4	1.09	8%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	1,186.5	5.0000	1,293.4	97.186	17.750	4	-1.10	4%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	1,238.5	5.0000	1,293.4	97.186	17.750	4	-0.56	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0035	1,354.0	38.000	1,293.4	97.186	17.750	4	0.62	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	1,394.5	23.000	1,293.4	97.186	17.750	4	1.04	4%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	1.1500	0.10000				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	1.2200	0.04000				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	1.2845	0.02900				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	0.78000	0.00000				3			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.1700	0.00000				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	1.6150	0.01000				3			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	1.0250	0.29000	1.3160	0.18548	0.09857	7	-1.57	11%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	1.2300	0.04000	1.3160	0.18548	0.09857	7	-0.46	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	1.2930	0.07550	1.3160	0.18548	0.09857	7	-0.12	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	1.3150	0.01000	1.3160	0.18548	0.09857	7	-0.01	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	1.3500	0.10000	1.3160	0.18548	0.09857	7	0.18	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	1.3922	0.07450	1.3160	0.18548	0.09857	7	0.41	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.8500	0.10000	1.3160	0.18548	0.09857	7	2.88	20%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0504	3.6350	1.7300	1.3160	0.18548	0.09857	7	12.50	88%	1
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.1250	0.67000				1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	0.79600	0.04800	1.8461	1.3631	0.10690	4	-0.77	28%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0413	1.3584	0.07070	1.8461	1.3631	0.10690	4	-0.36	13%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.3800	0.14000	1.8461	1.3631	0.10690	4	-0.34	13%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	3.8502	0.16890	1.8461	1.3631	0.10690	4	1.47	54%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	14.750	0.10000				1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	2080	8.5600	0.10000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	9.9556	0.16660				1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	2080	1.8445	0.04100				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.7250	0.01000				1			0
042.00	Chloride, Titrimetric (%)	0948	0.21000	0.00000				2			0
042.00	Chloride, Titrimetric (%)	0297	0.22000	0.00000				2			0
042.99	Chloride, Miscellaneous (%)	0613	0.21000	0.02000				1			0
050.01	Carbadox, LC (mg / kg (ppm))	0038	4.3195	3.7510				2			0
050.01	Carbadox, LC (mg / kg (ppm))	0964	16.895	1.9644				2			0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0964	31.995	0.69450	38.755	6.7663	2.8614	6	-1.00	9%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0043	32.050	0.90000	38.755	6.7663	2.8614	6	-0.99	9%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0027	37.445	1.2900	38.755	6.7663	2.8614	6	-0.19	2%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0218	41.003	1.8639	38.755	6.7663	2.8614	6	0.33	3%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0511	44.000	10.000	38.755	6.7663	2.8614	6	0.78	7%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0035	46.040	2.4200	38.755	6.7663	2.8614	6	1.08	9%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0004	30.000	4.0000	40.640	9.7835	3.7285	13	-1.09	13%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	2053	30.000	10.000	40.640	9.7835	3.7285	13	-1.09	13%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0016	33.400	0.40000	40.640	9.7835	3.7285	13	-0.74	9%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0910	34.500	3.0000	40.640	9.7835	3.7285	13	-0.63	8%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0033	35.550	2.9000	40.640	9.7835	3.7285	13	-0.52	6%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0613	36.890	0.98000	40.640	9.7835	3.7285	13	-0.38	5%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	2135	38.420	0.31000	40.640	9.7835	3.7285	13	-0.23	3%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0036	41.750	2.9000	40.640	9.7835	3.7285	13	0.11	1%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0010	42.300	6.4000	40.640	9.7835	3.7285	13	0.17	2%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0038	45.930	8.7800	40.640	9.7835	3.7285	13	0.54	7%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
051.03	Chlortetracycline, LC (mg / kg (ppm))	0013	48.950	1.3000	40.640	9.7835	3.7285	13	0.85	10%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0884	63.100	2.6000	40.640	9.7835	3.7285	13	2.30	28%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0028	76.050	4.9000	40.640	9.7835	3.7285	13	3.62	44%	0
051.99	Chlortetracycline, Miscellaneous (mg / kg (ppm))	2127	69.000	20.000				1			0
057.01	Ethoxyquin, LC (mg / kg (ppm))	0227	2.0000	0.00000				1			0
077.01	Pyrantel Tartrate, LC (mg / kg (ppm))	0038	4.7650	9.5300				0			4
082.00	Sulfamethazine, Spectrophotometer (mg / kg (ppr	0033	49.600	1.2000				2			0
082.00	Sulfamethazine, Spectrophotometer (mg / kg (ppr	0035	57.210	1.6600				2			0
082.01	Sulfamethazine, LC (mg / kg (ppm))	0019	30.050	0.50000	59.320	39.384	2.6235	7	-0.74	25%	0
082.01	Sulfamethazine, LC (mg / kg (ppm))	2053	30.450	4.3000	59.320	39.384	2.6235	7	-0.73	24%	0
082.01	Sulfamethazine, LC (mg / kg (ppm))	0218	44.150	0.10000	59.320	39.384	2.6235	7	-0.39	13%	0
082.01	Sulfamethazine, LC (mg / kg (ppm))	2127	46.000	4.0000	59.320	39.384	2.6235	7	-0.34	11%	0
082.01	Sulfamethazine, LC (mg / kg (ppm))	0001	47.400	7.2000	59.320	39.384	2.6235	7	-0.30	10%	0
082.01	Sulfamethazine, LC (mg / kg (ppm))	0032	100.19	0.26430	59.320	39.384	2.6235	7	1.04	34%	0
082.01	Sulfamethazine, LC (mg / kg (ppm))	0043	117.00	2.0000	59.320	39.384	2.6235	7	1.46	49%	0
086.00	Tiamulin, LC (mg / kg (ppm))	0038	0.00000	0.00000				0			4
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0227	1,725.0	70.000				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	32.850	2.9000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	9.6850	0.83000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	3.7200	0.06000				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	5.0500	0.30000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	1.6950	0.17000				1			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	2.6550	0.27000				1			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	4.3900	0.22000				1			0
106.01	Vitamin A, UV (KU / kg)	0098	0.71500	0.29000				1			0
106.02	Vitamin A, LC (KU / kg)	2053	0.42500	0.33000	12.979	19.554	4.4757	7	-0.64	48%	0
106.02	Vitamin A, LC (KU / kg)	0227	0.43750	0.00700	12.979	19.554	4.4757	7	-0.64	48%	0
106.02	Vitamin A, LC (KU / kg)	0905	0.99750	0.04300	12.979	19.554	4.4757	7	-0.61	46%	0
106.02	Vitamin A, LC (KU / kg)	0910	1.0000	0.00000	12.979	19.554	4.4757	7	-0.61	46%	0
106.02	Vitamin A, LC (KU / kg)	0038	14.870	11.660	12.979	19.554	4.4757	7	0.10	7%	0
106.02	Vitamin A, LC (KU / kg)	0675	30.815	15.290	12.979	19.554	4.4757	7	0.91	69%	0
106.02	Vitamin A, LC (KU / kg)	0169	152.00	4.0000	12.979	19.554	4.4757	7	7.11	536%	0
106.02	Vitamin A, LC (KU / kg)	0148	818.21	35.880	12.979	19.554	4.4757	7	41.18	3102%	1
106.02	Vitamin A, LC (KU / kg)	0861	0.00000	0.00000	12.979	19.554	4.4757	7			4
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	11.800	0.20000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	0.00000	0.00000				0			4
108.02	Vitamin D3, LC (KU / kg)	0675	5.7600	0.80000				1			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0227	0.22450	0.01900				1			0
109.02	Vitamin E, LC (IU/kg)	0169	3.5000	1.0000	11.430	4.2577	1.1222	12	-1.86	35%	0
109.02	Vitamin E, LC (IU/kg)	0555	6.6500	1.7000	11.430	4.2577	1.1222	12	-1.12	21%	0
109.02	Vitamin E, LC (IU/kg)	0910	8.8500	0.10000	11.430	4.2577	1.1222	12	-0.61	11%	0

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109.02	Vitamin E, LC (IU/kg)	0905	9.8000	1.8600	11.430	4.2577	1.1222	12	-0.38	7%	0
109.02	Vitamin E, LC (IU/kg)	0861	10.000	0.00000	11.430	4.2577	1.1222	12	-0.34	6%	0
109.02	Vitamin E, LC (IU/kg)	0676	10.500	0.60000	11.430	4.2577	1.1222	12	-0.22	4%	0
109.02	Vitamin E, LC (IU/kg)	0563	11.427	0.16650	11.430	4.2577	1.1222	12	0.00	0%	0
109.02	Vitamin E, LC (IU/kg)	0610	13.000	2.0000	11.430	4.2577	1.1222	12	0.37	7%	0
109.02	Vitamin E, LC (IU/kg)	0227	13.100	3.8000	11.430	4.2577	1.1222	12	0.39	7%	0
109.02	Vitamin E, LC (IU/kg)	0148	15.105	0.89000	11.430	4.2577	1.1222	12	0.86	16%	0
109.02	Vitamin E, LC (IU/kg)	0723	15.870	0.00000	11.430	4.2577	1.1222	12	1.04	19%	0
109.02	Vitamin E, LC (IU/kg)	0675	39.105	1.3500	11.430	4.2577	1.1222	12	6.50	121%	0
109.02	Vitamin E, LC (IU/kg)	0098	0.00000	0.00000	11.430	4.2577	1.1222	12			4
112.01	Pyridoxine, LC (µg / g)	0227	3.8600	1.1800				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	1.1300	0.04000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.25000	0.00600				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.91575	0.01750	1.0338	0.03221	0.01093	18	-3.66	6%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.94650	0.02100	1.0338	0.03221	0.01093	18	-2.71	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.99500	0.01000	1.0338	0.03221	0.01093	18	-1.20	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.0000	0.02000	1.0338	0.03221	0.01093	18	-1.05	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.0120	0.00400	1.0338	0.03221	0.01093	18	-0.68	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.0300	0.01000	1.0338	0.03221	0.01093	18	-0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.0300	0.00000	1.0338	0.03221	0.01093	18	-0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.0310	0.01200	1.0338	0.03221	0.01093	18	-0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.0400	0.00000	1.0338	0.03221	0.01093	18	0.19	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.0405	0.00100	1.0338	0.03221	0.01093	18	0.21	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.0408	0.00420	1.0338	0.03221	0.01093	18	0.22	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	1.0440	0.01000	1.0338	0.03221	0.01093	18	0.32	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.0530	0.00800	1.0338	0.03221	0.01093	18	0.60	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.0545	0.00500	1.0338	0.03221	0.01093	18	0.64	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.0550	0.01000	1.0338	0.03221	0.01093	18	0.66	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.0550	0.01000	1.0338	0.03221	0.01093	18	0.66	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.0740	0.02200	1.0338	0.03221	0.01093	18	1.25	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	1.1340	0.03200	1.0338	0.03221	0.01093	18	3.11	5%	0
120.02	Alanine, Post-col OPA Der (%)	0098	1.0575	0.03100				1			0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.98750	0.02300				3			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.99700	0.00400				3			0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.0150	0.01000				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.1377	0.00750	1.3167	0.05619	0.01778	18	-3.19	7%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.1858	0.02250	1.3167	0.05619	0.01778	18	-2.33	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.2150	0.03000	1.3167	0.05619	0.01778	18	-1.81	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.2800	0.06000	1.3167	0.05619	0.01778	18	-0.65	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.2850	0.03000	1.3167	0.05619	0.01778	18	-0.56	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.2860	0.02000	1.3167	0.05619	0.01778	18	-0.55	1%	0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

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 (%)	0652	1.3150	0.05000	1.3167	0.05619	0.01778	18	-0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	1.3260	0.00200	1.3167	0.05619	0.01778	18	0.16	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.3270	0.00600	1.3167	0.05619	0.01778	18	0.18	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.3335	0.00700	1.3167	0.05619	0.01778	18	0.30	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.3345	0.00100	1.3167	0.05619	0.01778	18	0.32	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.3350	0.01000	1.3167	0.05619	0.01778	18	0.32	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.3365	0.00700	1.3167	0.05619	0.01778	18	0.35	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.3400	0.00000	1.3167	0.05619	0.01778	18	0.41	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.3550	0.02000	1.3167	0.05619	0.01778	18	0.68	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.3710	0.00600	1.3167	0.05619	0.01778	18	0.97	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.3895	0.00100	1.3167	0.05619	0.01778	18	1.29	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.3900	0.04000	1.3167	0.05619	0.01778	18	1.30	3%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.3495	0.00700				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.3150	0.02800				3			0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.3290	0.01200				3			0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.3950	0.05000				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.7603	0.00650	2.0917	0.04561	0.02677	18	-7.27	8%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.9700	0.06000	2.0917	0.04561	0.02677	18	-2.67	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	2.0300	0.00000	2.0917	0.04561	0.02677	18	-1.35	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	2.0560	0.00600	2.0917	0.04561	0.02677	18	-0.78	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.0650	0.05000	2.0917	0.04561	0.02677	18	-0.59	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	2.0710	0.02600	2.0917	0.04561	0.02677	18	-0.45	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	2.0880	0.02200	2.0917	0.04561	0.02677	18	-0.08	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	2.0900	0.08000	2.0917	0.04561	0.02677	18	-0.04	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.0920	0.00600	2.0917	0.04561	0.02677	18	0.01	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.0955	0.00900	2.0917	0.04561	0.02677	18	0.08	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.1000	0.02000	2.0917	0.04561	0.02677	18	0.18	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	2.1150	0.01000	2.0917	0.04561	0.02677	18	0.51	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.1215	0.03500	2.0917	0.04561	0.02677	18	0.65	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	2.1250	0.02800	2.0917	0.04561	0.02677	18	0.73	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.1252	0.02040	2.0917	0.04561	0.02677	18	0.73	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.1350	0.05000	2.0917	0.04561	0.02677	18	0.95	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.1455	0.01900	2.0917	0.04561	0.02677	18	1.18	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	2.1500	0.03400	2.0917	0.04561	0.02677	18	1.28	1%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	2.1395	0.02100				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	2.0235	0.04700				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.0335	0.00900				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0610	2.1450	0.01000				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0870	0.26095	0.00430	0.31480	0.02289	0.01179	18	-2.35	9%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0227	0.28500	0.01000	0.31480	0.02289	0.01179	18	-1.30	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0872	0.29600	0.01200	0.31480	0.02289	0.01179	18	-0.82	3%	0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

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 (%)	0644	0.29750	0.00100	0.31480	0.02289	0.01179	18	-0.76	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.30000	0.00000	0.31480	0.02289	0.01179	18	-0.65	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.30000	0.02000	0.31480	0.02289	0.01179	18	-0.65	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.31000	0.04000	0.31480	0.02289	0.01179	18	-0.21	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.31100	0.00800	0.31480	0.02289	0.01179	18	-0.17	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.31315	0.00590	0.31480	0.02289	0.01179	18	-0.07	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.31350	0.00700	0.31480	0.02289	0.01179	18	-0.06	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.31650	0.00900	0.31480	0.02289	0.01179	18	0.07	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.31800	0.00400	0.31480	0.02289	0.01179	18	0.14	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.32400	0.00600	0.31480	0.02289	0.01179	18	0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.32550	0.01500	0.31480	0.02289	0.01179	18	0.47	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.33650	0.02100	0.31480	0.02289	0.01179	18	0.95	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.34100	0.02000	0.31480	0.02289	0.01179	18	1.14	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.35150	0.00900	0.31480	0.02289	0.01179	18	1.60	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.39000	0.02000	0.31480	0.02289	0.01179	18	3.29	12%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.33150	0.00500				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0723	0.31580	0.00000				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.34500	0.01000				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.35800	0.00600				3			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.3640	0.11510	3.5854	0.07075	0.03849	18	-3.13	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.4300	0.08000	3.5854	0.07075	0.03849	18	-2.20	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.5300	0.00200	3.5854	0.07075	0.03849	18	-0.78	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	3.5415	0.01100	3.5854	0.07075	0.03849	18	-0.62	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.5450	0.10400	3.5854	0.07075	0.03849	18	-0.57	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.5450	0.07000	3.5854	0.07075	0.03849	18	-0.57	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.5465	0.00300	3.5854	0.07075	0.03849	18	-0.55	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.5580	0.00000	3.5854	0.07075	0.03849	18	-0.39	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.5750	0.05000	3.5854	0.07075	0.03849	18	-0.15	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.6030	0.03000	3.5854	0.07075	0.03849	18	0.25	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.6100	0.00000	3.5854	0.07075	0.03849	18	0.35	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	3.6110	0.03600	3.5854	0.07075	0.03849	18	0.36	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.6145	0.02300	3.5854	0.07075	0.03849	18	0.41	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.6233	0.02770	3.5854	0.07075	0.03849	18	0.53	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.6495	0.00100	3.5854	0.07075	0.03849	18	0.91	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.6550	0.01000	3.5854	0.07075	0.03849	18	0.98	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.6800	0.06000	3.5854	0.07075	0.03849	18	1.34	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.7250	0.07000	3.5854	0.07075	0.03849	18	1.97	2%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.5370	0.15200				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.4750	0.05000				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.4965	0.12100				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0610	3.6800	0.02000				3			0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.82530	0.01320	0.92838	0.02333	0.01033	18	-4.42	6%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.83800	0.02800	0.92838	0.02333	0.01033	18	-3.87	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.87400	0.00600	0.92838	0.02333	0.01033	18	-2.33	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.90500	0.01000	0.92838	0.02333	0.01033	18	-1.00	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.91500	0.01000	0.92838	0.02333	0.01033	18	-0.57	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.92150	0.00700	0.92838	0.02333	0.01033	18	-0.30	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.92500	0.01400	0.92838	0.02333	0.01033	18	-0.15	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.92500	0.01000	0.92838	0.02333	0.01033	18	-0.15	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.93370	0.00080	0.92838	0.02333	0.01033	18	0.23	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.93600	0.00200	0.92838	0.02333	0.01033	18	0.33	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.94000	0.02000	0.92838	0.02333	0.01033	18	0.50	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.94300	0.00800	0.92838	0.02333	0.01033	18	0.63	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.94500	0.01000	0.92838	0.02333	0.01033	18	0.71	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.94500	0.01000	0.92838	0.02333	0.01033	18	0.71	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.94650	0.01300	0.92838	0.02333	0.01033	18	0.78	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.94800	0.00000	0.92838	0.02333	0.01033	18	0.84	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.95050	0.00900	0.92838	0.02333	0.01033	18	0.95	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.95150	0.01500	0.92838	0.02333	0.01033	18	0.99	1%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.95000	0.00000				1			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.86850	0.02100				3			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.94150	0.00300				3			0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.95500	0.01000				3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.47045	0.02270	0.52878	0.02109	0.00752	17	-2.77	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.50370	0.00820	0.52878	0.02109	0.00752	17	-1.19	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.50500	0.00600	0.52878	0.02109	0.00752	17	-1.13	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.50550	0.02100	0.52878	0.02109	0.00752	17	-1.10	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.51950	0.00100	0.52878	0.02109	0.00752	17	-0.44	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.52100	0.01400	0.52878	0.02109	0.00752	17	-0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.52500	0.01000	0.52878	0.02109	0.00752	17	-0.18	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.52900	0.00400	0.52878	0.02109	0.00752	17	0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.53000	0.00000	0.52878	0.02109	0.00752	17	0.06	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.53050	0.00300	0.52878	0.02109	0.00752	17	0.08	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.53350	0.00900	0.52878	0.02109	0.00752	17	0.22	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.53500	0.01000	0.52878	0.02109	0.00752	17	0.29	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.54650	0.01500	0.52878	0.02109	0.00752	17	0.84	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.54750	0.00100	0.52878	0.02109	0.00752	17	0.89	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.55000	0.00000	0.52878	0.02109	0.00752	17	1.01	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.55000	0.00000	0.52878	0.02109	0.00752	17	1.01	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.56350	0.00300	0.52878	0.02109	0.00752	17	1.65	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.55000	0.04000	0.52878	0.02109	0.00752	17	1.01	2%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.53200	0.00400				1			0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
127.05	Histidine, Pre-col AQC Der (%)	0626	0.51650	0.01700				3			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.53300	0.00200				3			0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.61000	0.02000				3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.66600	0.02200	0.85879	0.04796	0.01458	18	-4.02	11%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.77130	0.04340	0.85879	0.04796	0.01458	18	-1.82	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.79500	0.01000	0.85879	0.04796	0.01458	18	-1.33	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.82500	0.00200	0.85879	0.04796	0.01458	18	-0.70	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.83350	0.00500	0.85879	0.04796	0.01458	18	-0.53	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.83400	0.02400	0.85879	0.04796	0.01458	18	-0.52	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.84500	0.03000	0.85879	0.04796	0.01458	18	-0.29	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.85450	0.00500	0.85879	0.04796	0.01458	18	-0.09	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.86000	0.02000	0.85879	0.04796	0.01458	18	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.86650	0.00100	0.85879	0.04796	0.01458	18	0.16	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.87500	0.01000	0.85879	0.04796	0.01458	18	0.34	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.88450	0.02100	0.85879	0.04796	0.01458	18	0.54	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.88550	0.00100	0.85879	0.04796	0.01458	18	0.56	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.88900	0.00200	0.85879	0.04796	0.01458	18	0.63	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.89100	0.00200	0.85879	0.04796	0.01458	18	0.67	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.91000	0.04000	0.85879	0.04796	0.01458	18	1.07	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.91100	0.01400	0.85879	0.04796	0.01458	18	1.09	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.92500	0.01000	0.85879	0.04796	0.01458	18	1.38	4%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.89750	0.01900				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.84700	0.01400				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.90000	0.02000				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.90950	0.02900				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.4416	0.03630	1.6600	0.04719	0.01729	18	-4.63	7%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.5450	0.05000	1.6600	0.04719	0.01729	18	-2.44	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.5910	0.00890	1.6600	0.04719	0.01729	18	-1.46	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.6095	0.00300	1.6600	0.04719	0.01729	18	-1.07	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.6350	0.03000	1.6600	0.04719	0.01729	18	-0.53	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.6500	0.02000	1.6600	0.04719	0.01729	18	-0.21	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.6570	0.00600	1.6600	0.04719	0.01729	18	-0.06	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.6610	0.00800	1.6600	0.04719	0.01729	18	0.02	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.6625	0.00300	1.6600	0.04719	0.01729	18	0.05	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.6655	0.02900	1.6600	0.04719	0.01729	18	0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.6800	0.00000	1.6600	0.04719	0.01729	18	0.42	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.6850	0.01000	1.6600	0.04719	0.01729	18	0.53	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.6880	0.02400	1.6600	0.04719	0.01729	18	0.59	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.6965	0.00900	1.6600	0.04719	0.01729	18	0.77	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.6980	0.02000	1.6600	0.04719	0.01729	18	0.81	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.7050	0.05000	1.6600	0.04719	0.01729	18	0.95	1%	0

Test Material Code # 201631

Method Proficiency Testing Report

Issue Date : 12/31/2016

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 (%)	0571	1.7070	0.00400	1.6600	0.04719	0.01729	18	1.00	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.7100	0.00000	1.6600	0.04719	0.01729	18	1.06	2%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.7125	0.00100				1			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.6160	0.04000				3			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.6905	0.02900				3			0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.7300	0.00000				3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.89790	0.00760	1.2830	0.04204	0.01546	20	-9.16	15%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.1950	0.03000	1.2830	0.04204	0.01546	20	-2.09	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.2350	0.03000	1.2830	0.04204	0.01546	20	-1.14	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.2360	0.00200	1.2830	0.04204	0.01546	20	-1.12	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.2550	0.01000	1.2830	0.04204	0.01546	20	-0.67	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.2580	0.00200	1.2830	0.04204	0.01546	20	-0.59	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	1.2690	0.00400	1.2830	0.04204	0.01546	20	-0.33	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.2750	0.03000	1.2830	0.04204	0.01546	20	-0.19	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.2870	0.00600	1.2830	0.04204	0.01546	20	0.10	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.2895	0.00450	1.2830	0.04204	0.01546	20	0.15	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.2915	0.00500	1.2830	0.04204	0.01546	20	0.20	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.2940	0.01200	1.2830	0.04204	0.01546	20	0.26	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.2950	0.03000	1.2830	0.04204	0.01546	20	0.29	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	1.2950	0.01000	1.2830	0.04204	0.01546	20	0.29	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.3020	0.00800	1.2830	0.04204	0.01546	20	0.45	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.3100	0.04000	1.2830	0.04204	0.01546	20	0.64	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.3150	0.03000	1.2830	0.04204	0.01546	20	0.76	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.3210	0.01200	1.2830	0.04204	0.01546	20	0.90	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0512	1.3630	0.02400	1.2830	0.04204	0.01546	20	1.90	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	1.5120	0.01200	1.2830	0.04204	0.01546	20	5.45	9%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.3490	0.03800				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.2385	0.00500	1.3022	0.05809	0.02933	6	-1.10	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.2470	0.03000	1.3022	0.05809	0.02933	6	-0.95	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.2950	0.01000	1.3022	0.05809	0.02933	6	-0.12	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	1.3300	0.00000	1.3022	0.05809	0.02933	6	0.48	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	1.3375	0.08100	1.3022	0.05809	0.02933	6	0.61	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0016	1.3650	0.05000	1.3022	0.05809	0.02933	6	1.08	2%	0
130.99	L-Lysine, Miscellaneous (%)	2053	1.0650	0.07000				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.20500	0.01000	0.34331	0.01543	0.00576	17	-8.97	20%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.27215	0.00190	0.34331	0.01543	0.00576	17	-4.61	10%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.32550	0.00300	0.34331	0.01543	0.00576	17	-1.15	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.33500	0.01000	0.34331	0.01543	0.00576	17	-0.54	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.33750	0.00500	0.34331	0.01543	0.00576	17	-0.38	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.33800	0.00400	0.34331	0.01543	0.00576	17	-0.34	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.33800	0.00000	0.34331	0.01543	0.00576	17	-0.34	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.33950	0.00100	0.34331	0.01543	0.00576	17	-0.25	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.34400	0.01000	0.34331	0.01543	0.00576	17	0.04	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.34550	0.00700	0.34331	0.01543	0.00576	17	0.14	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.34800	0.01200	0.34331	0.01543	0.00576	17	0.30	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.35000	0.00000	0.34331	0.01543	0.00576	17	0.43	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.35500	0.01000	0.34331	0.01543	0.00576	17	0.76	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.35500	0.01000	0.34331	0.01543	0.00576	17	0.76	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.35700	0.00800	0.34331	0.01543	0.00576	17	0.89	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.36150	0.00300	0.34331	0.01543	0.00576	17	1.18	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.36750	0.00300	0.34331	0.01543	0.00576	17	1.57	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.40135	0.03090	0.34331	0.01543	0.00576	17	3.76	8%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.32800	0.00000				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.32250	0.02100	0.34847	0.02947	8.6665	4	-0.88	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0723	0.34240	0.00000	0.34847	0.02947	8.6665	4	-0.21	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.38050	0.00500	0.34847	0.02947	8.6665	4	1.09	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	17.680	34.640	0.34847	0.02947	8.6665	4	588.07	2487%	0
131.99	Methionine, Miscellaneous (%)	2053	0.28250	0.02900				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.85715	0.03790	0.97781	0.02916	0.01564	18	-4.14	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.93800	0.01400	0.97781	0.02916	0.01564	18	-1.37	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.94090	0.02460	0.97781	0.02916	0.01564	18	-1.27	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.95000	0.06000	0.97781	0.02916	0.01564	18	-0.95	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.96000	0.00000	0.97781	0.02916	0.01564	18	-0.61	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.96850	0.00500	0.97781	0.02916	0.01564	18	-0.32	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.97400	0.00400	0.97781	0.02916	0.01564	18	-0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.97500	0.01000	0.97781	0.02916	0.01564	18	-0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.97850	0.01100	0.97781	0.02916	0.01564	18	0.02	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.98000	0.04000	0.97781	0.02916	0.01564	18	0.08	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.98400	0.00400	0.97781	0.02916	0.01564	18	0.21	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.98950	0.01700	0.97781	0.02916	0.01564	18	0.40	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.99000	0.00000	0.97781	0.02916	0.01564	18	0.42	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.99800	0.02600	0.97781	0.02916	0.01564	18	0.69	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	1.0005	0.00700	0.97781	0.02916	0.01564	18	0.78	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	1.0030	0.00600	0.97781	0.02916	0.01564	18	0.86	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.0150	0.01000	0.97781	0.02916	0.01564	18	1.28	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.0235	0.00500	0.97781	0.02916	0.01564	18	1.57	2%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.98350	0.00700				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.95600	0.01800				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.96800	0.03800				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	1.0400	0.02000				3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.1087	0.02930	1.1514	0.03007	0.01843	18	-1.42	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.1100	0.04000	1.1514	0.03007	0.01843	18	-1.38	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.1120	0.00000	1.1514	0.03007	0.01843	18	-1.31	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.1295	0.03900	1.1514	0.03007	0.01843	18	-0.73	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.1300	0.02000	1.1514	0.03007	0.01843	18	-0.71	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.1368	0.01240	1.1514	0.03007	0.01843	18	-0.49	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.1465	0.00900	1.1514	0.03007	0.01843	18	-0.16	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.1500	0.02000	1.1514	0.03007	0.01843	18	-0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.1510	0.00000	1.1514	0.03007	0.01843	18	-0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.1525	0.01100	1.1514	0.03007	0.01843	18	0.04	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.1600	0.02800	1.1514	0.03007	0.01843	18	0.28	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.1615	0.00700	1.1514	0.03007	0.01843	18	0.33	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.1650	0.01000	1.1514	0.03007	0.01843	18	0.45	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.1695	0.03300	1.1514	0.03007	0.01843	18	0.60	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.1750	0.01000	1.1514	0.03007	0.01843	18	0.78	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.1815	0.01300	1.1514	0.03007	0.01843	18	1.00	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.1900	0.02000	1.1514	0.03007	0.01843	18	1.28	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.2450	0.03000	1.1514	0.03007	0.01843	18	3.11	4%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.0655	0.01300				3			0
133.05	Proline, Pre-col AQC Der (%)	0676	1.1735	0.01500				3			0
133.05	Proline, Pre-col AQC Der (%)	0610	1.1900	0.02000				3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.88785	0.04150	0.99069	0.03391	0.01011	17	-3.03	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.90650	0.00300	0.99069	0.03391	0.01011	17	-2.48	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.96650	0.01300	0.99069	0.03391	0.01011	17	-0.71	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.96800	0.00200	0.99069	0.03391	0.01011	17	-0.67	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.96950	0.01700	0.99069	0.03391	0.01011	17	-0.62	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.97450	0.00100	0.99069	0.03391	0.01011	17	-0.48	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.97500	0.01000	0.99069	0.03391	0.01011	17	-0.46	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.98000	0.04000	0.99069	0.03391	0.01011	17	-0.32	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.99300	0.00400	0.99069	0.03391	0.01011	17	0.07	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.0000	0.02000	0.99069	0.03391	0.01011	17	0.27	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.0065	0.00300	0.99069	0.03391	0.01011	17	0.47	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	1.0100	0.00000	0.99069	0.03391	0.01011	17	0.57	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.0115	0.00100	0.99069	0.03391	0.01011	17	0.61	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.0115	0.00100	0.99069	0.03391	0.01011	17	0.61	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	1.0195	0.00300	0.99069	0.03391	0.01011	17	0.85	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.0350	0.01000	0.99069	0.03391	0.01011	17	1.31	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.0568	0.00230	0.99069	0.03391	0.01011	17	1.95	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.84500	0.09000	0.99069	0.03391	0.01011	17	-4.30	7%	1
134.02	Serine, Post-col OPA Der (%)	0098	0.90550	0.01700				1			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.88100	0.03000				3			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.93700	0.05200				3			0
134.05	Serine, Pre-col AQC Der (%)	0610	1.0000	0.04000				3			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.69195	0.01270	0.79588	0.02600	0.00992	18	-4.00	7%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.71900	0.01800	0.79588	0.02600	0.00992	18	-2.96	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.76500	0.01000	0.79588	0.02600	0.00992	18	-1.19	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.77350	0.00100	0.79588	0.02600	0.00992	18	-0.86	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.77850	0.00300	0.79588	0.02600	0.00992	18	-0.67	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.78750	0.01300	0.79588	0.02600	0.00992	18	-0.32	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.79000	0.02000	0.79588	0.02600	0.00992	18	-0.23	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.79000	0.02000	0.79588	0.02600	0.00992	18	-0.23	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.79500	0.01000	0.79588	0.02600	0.00992	18	-0.03	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.79950	0.00700	0.79588	0.02600	0.00992	18	0.14	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.80500	0.01000	0.79588	0.02600	0.00992	18	0.35	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.80850	0.00500	0.79588	0.02600	0.00992	18	0.49	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.81000	0.00000	0.79588	0.02600	0.00992	18	0.54	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.81450	0.00300	0.79588	0.02600	0.00992	18	0.72	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.81610	0.00780	0.79588	0.02600	0.00992	18	0.78	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.82500	0.01000	0.79588	0.02600	0.00992	18	1.12	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.82600	0.00600	0.79588	0.02600	0.00992	18	1.16	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.82800	0.02200	0.79588	0.02600	0.00992	18	1.24	2%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.79100	0.00200				1			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.74700	0.00000				3			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.79900	0.05200				3			0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.81500	0.01000				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.22040	0.02680	0.25171	0.02811	0.02398	4	-1.11	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.24145	0.05710	0.25171	0.02811	0.02398	4	-0.37	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.25800	0.00400	0.25171	0.02811	0.02398	4	0.22	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.28700	0.00800	0.25171	0.02811	0.02398	4	1.26	7%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.23650	0.00300				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.24750	0.00100				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.26600	0.00000				3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.24700	0.00600				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.24400	0.00200				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.24900	0.00200				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.25400	0.00000				3			0
136.99	Tryptophan, Miscellaneous (%)	0610	0.25500	0.01000				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.26500	0.01000				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.37870	0.01160	0.63496	0.09755	0.01084	12	-2.63	20%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.50000	0.00000	0.63496	0.09755	0.01084	12	-1.38	11%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.53335	0.00750	0.63496	0.09755	0.01084	12	-1.04	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.62000	0.06000	0.63496	0.09755	0.01084	12	-0.15	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.63500	0.01000	0.63496	0.09755	0.01084	12	0.00	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.64850	0.00100	0.63496	0.09755	0.01084	12	0.14	1%	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	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.66650	0.00900	0.63496	0.09755	0.01084	12	0.32	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.67500	0.01000	0.63496	0.09755	0.01084	12	0.41	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.68550	0.00500	0.63496	0.09755	0.01084	12	0.52	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.68550	0.01100	0.63496	0.09755	0.01084	12	0.52	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.71900	0.00200	0.63496	0.09755	0.01084	12	0.86	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.76250	0.00300	0.63496	0.09755	0.01084	12	1.31	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.64000	0.14000	0.63496	0.09755	0.01084	12	0.05	0%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.71650	0.00100				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.62950	0.03100				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.72550	0.00900				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.78500	0.03000				3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.78805	0.00610	0.95495	0.05339	0.01284	18	-3.13	9%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.88920	0.01700	0.95495	0.05339	0.01284	18	-1.23	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.90000	0.04000	0.95495	0.05339	0.01284	18	-1.03	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.90050	0.00500	0.95495	0.05339	0.01284	18	-1.02	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.90600	0.03000	0.95495	0.05339	0.01284	18	-0.92	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.92700	0.00000	0.95495	0.05339	0.01284	18	-0.52	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.93500	0.05000	0.95495	0.05339	0.01284	18	-0.37	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.94000	0.00000	0.95495	0.05339	0.01284	18	-0.28	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.96000	0.00600	0.95495	0.05339	0.01284	18	0.09	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.96500	0.00600	0.95495	0.05339	0.01284	18	0.19	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.98350	0.00500	0.95495	0.05339	0.01284	18	0.53	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.98400	0.00200	0.95495	0.05339	0.01284	18	0.54	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.99300	0.01200	0.95495	0.05339	0.01284	18	0.71	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.99500	0.01000	0.95495	0.05339	0.01284	18	0.75	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.99850	0.01500	0.95495	0.05339	0.01284	18	0.82	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.0000	0.02000	0.95495	0.05339	0.01284	18	0.84	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.0075	0.00700	0.95495	0.05339	0.01284	18	0.98	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.0300	0.00000	0.95495	0.05339	0.01284	18	1.41	4%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.96550	0.05100				1			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.95050	0.04100				3			0
138.05	Valine, Pre-col AQC Der (%)	0676	0.98450	0.01100				3			0
138.05	Valine, Pre-col AQC Der (%)	0610	0.99000	0.02000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.19000	0.04000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.19500	0.01000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0619	0.04950	0.00700	0.29675	0.17415	0.04900	4	-1.42	42%	0
160.99	Fructose, Miscellaneous (%)	0297	0.31250	0.01900	0.29675	0.17415	0.04900	4	0.09	3%	0
160.99	Fructose, Miscellaneous (%)	0227	0.37500	0.07000	0.29675	0.17415	0.04900	4	0.45	13%	0
160.99	Fructose, Miscellaneous (%)	0861	0.45000	0.10000	0.29675	0.17415	0.04900	4	0.88	26%	0
162.99	Glucose, Miscellaneous (%)	0619	0.08600	0.00800	0.30525	0.27653	0.04760	5	-0.79	36%	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	
162.99	Glucose, Miscellaneous (%)	0861	0.20000	0.00000	0.30525	0.27653	0.04760	5	-0.38	17%	0
162.99	Glucose, Miscellaneous (%)	0227	0.22500	0.01000	0.30525	0.27653	0.04760	5	-0.29	13%	0
162.99	Glucose, Miscellaneous (%)	0629	0.71000	0.02000	0.30525	0.27653	0.04760	5	1.46	66%	0
162.99	Glucose, Miscellaneous (%)	0939	6.8200	0.20000	0.30525	0.27653	0.04760	5	23.56	1067%	0
162.99	Glucose, Miscellaneous (%)	0297	0.00000	0.00000	0.30525	0.27653	0.04760	5			4
163.99	Lactose, Miscellaneous (%)	0629	2.9050	0.01000	3.7528	1.2231	0.08835	6	-0.69	11%	0
163.99	Lactose, Miscellaneous (%)	0227	2.9350	0.21000	3.7528	1.2231	0.08835	6	-0.67	11%	0
163.99	Lactose, Miscellaneous (%)	0297	3.1521	0.06010	3.7528	1.2231	0.08835	6	-0.49	8%	0
163.99	Lactose, Miscellaneous (%)	0861	3.3000	0.00000	3.7528	1.2231	0.08835	6	-0.37	6%	0
163.99	Lactose, Miscellaneous (%)	0939	4.8250	0.25000	3.7528	1.2231	0.08835	6	0.88	14%	0
163.99	Lactose, Miscellaneous (%)	0619	5.4000	0.00000	3.7528	1.2231	0.08835	6	1.35	22%	0
164.99	Maltose, Miscellaneous (%)	0629	0.50000	0.00000				1			0
164.99	Maltose, Miscellaneous (%)	0297	0.00000	0.00000				1			4
164.99	Maltose, Miscellaneous (%)	0861	0.00000	0.00000				1			4
165.99	Sucrose, Miscellaneous (%)	0629	3.3000	0.00000	3.6778	0.35329	0.01200	5	-1.07	5%	0
165.99	Sucrose, Miscellaneous (%)	0723	3.7333	0.00000	3.6778	0.35329	0.01200	5	0.16	1%	0
165.99	Sucrose, Miscellaneous (%)	0861	4.0000	0.00000	3.6778	0.35329	0.01200	5	0.91	4%	0
165.99	Sucrose, Miscellaneous (%)	0297	4.0320	0.06000	3.6778	0.35329	0.01200	5	1.00	5%	0
165.99	Sucrose, Miscellaneous (%)	0619	6.1600	0.00000	3.6778	0.35329	0.01200	5	7.03	34%	0
165.99	Sucrose, Miscellaneous (%)	0227	3.5850	0.27000	3.6778	0.35329	0.01200	5	-0.26	1%	1
166.99	Raffinose, Miscellaneous (%)	0227	0.56500	0.01000				3			0
166.99	Raffinose, Miscellaneous (%)	0619	0.76950	0.00100				3			0
166.99	Raffinose, Miscellaneous (%)	0297	0.90750	0.15900				3			0
167.99	Stachyose, Miscellaneous (%)	0297	1.3210	0.03200				3			0
167.99	Stachyose, Miscellaneous (%)	0227	1.3250	0.03000				3			0
167.99	Stachyose, Miscellaneous (%)	0619	1.6450	0.03000				3			0
350.02	Carbadox, residual, LC-MS (µg / kg (ppb))	2053	240.00	20.000				1			0
386.01	Tiamulin, residual, LC-MS (µg / kg (ppb))	2053	1,430.0	140.00				1			0
393.01	Ractopamine Hydrochloride, residual, LC-MS (µg	2053	388.00	10.000				1			0
393.02	Ractopamine Hydrochloride, residual, LC-MS/MS	0939	86.920	8.8600				2			0
393.02	Ractopamine Hydrochloride, residual, LC-MS/MS	0875	542.00	148.00				2			0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.27185	0.00030	0.36204	0.08002	0.00624	5	-1.13	12%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.34600	0.01000	0.36204	0.08002	0.00624	5	-0.20	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.34600	0.00200	0.36204	0.08002	0.00624	5	-0.20	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.35430	0.00020	0.36204	0.08002	0.00624	5	-0.10	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.49205	0.01870	0.36204	0.08002	0.00624	5	1.62	18%	0
400.99	Water activity, Miscellaneous (Units)	0843	0.31700	0.00000				3			0
400.99	Water activity, Miscellaneous (Units)	2073	0.35200	0.00000				3			0
400.99	Water activity, Miscellaneous (Units)	2080	0.42300	0.01040				3			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.35000	0.02000				1			0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0964	0.83030	0.23940				1			0

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Method Proficiency Testing Report

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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			
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppr	0910	0.37000	0.04000				2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppr	2080	0.44800	0.02600				2			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm)	0918	0.10910	0.03180	0.36433	0.16024	0.03186	5	-1.59	35%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm)	0413	0.35355	0.00550	0.36433	0.16024	0.03186	5	-0.07	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm)	0227	0.40100	0.03600	0.36433	0.16024	0.03186	5	0.23	5%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm)	0553	0.40900	0.02800	0.36433	0.16024	0.03186	5	0.28	6%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm)	0098	0.54900	0.05800	0.36433	0.16024	0.03186	5	1.15	25%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.07550	0.02100				2			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.10000	0.00000				2			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0964	0.10325	0.00070				1			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.08000	0.00000				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	2080	0.08800	0.00200				2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0413	0.07780	0.00100	0.08363	0.00483	0.00553	6	-1.21	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.08050	0.00500	0.08363	0.00483	0.00553	6	-0.65	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2055	0.08150	0.01500	0.08363	0.00483	0.00553	6	-0.44	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.08640	0.00520	0.08363	0.00483	0.00553	6	0.57	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.08760	0.00700	0.08363	0.00483	0.00553	6	0.82	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.08800	0.00000	0.08363	0.00483	0.00553	6	0.90	3%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	2.8700	0.06000				2			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	6.0500	0.10000				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	7.2800	0.36000				1			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	8.1900	0.02000				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0964	8.4828	0.19650				2			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	2080	4.7735	0.14100				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.5955	0.50050				2			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	7.0500	1.6200				2			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.27500	0.01000				2			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.36000	0.02600				2			0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0964	0.64070	0.04940				1			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	2080	0.58900	0.02800				2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.74000	0.46000				2			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.15620	0.03080	0.54735	0.02513	0.02136	5	-15.56	36%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.52400	0.01800	0.54735	0.02513	0.02136	5	-0.93	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.52950	0.00700	0.54735	0.02513	0.02136	5	-0.71	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0413	0.55840	0.04600	0.54735	0.02513	0.02136	5	0.44	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.57750	0.00500	0.54735	0.02513	0.02136	5	1.20	3%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0021	0.00000	0.00000				0			4
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	3.9500	0.10000				1			0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0964	4.8383	0.01460				1			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	2080	3.3400	0.32000				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	2.3667	0.09120				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			

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 indicates not used in statistics.