



Lamb Feed, Medicated

Animal Feed Scheme

Labs Reporting: 196

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	1.1000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0017	7.9000	0.20000	8.5180	0.51514	0.10857	7	-1.20	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	8.1200	0.08000	8.5180	0.51514	0.10857	7	-0.77	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0016	8.1450	0.09000	8.5180	0.51514	0.10857	7	-0.72	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	8.6745	0.14900	8.5180	0.51514	0.10857	7	0.30	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	8.8565	0.02100	8.5180	0.51514	0.10857	7	0.66	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.8650	0.21000	8.5180	0.51514	0.10857	7	0.67	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.0650	0.01000	8.5180	0.51514	0.10857	7	1.06	3%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	8.8750	0.05000	9.0210	0.10579	0.03400	5			0
001.03	Loss on Drying, Low temp. methods (%)	0186	8.9600	0.06000	9.0210	0.10579	0.03400	5			0
001.03	Loss on Drying, Low temp. methods (%)	0878	9.0550	0.05000	9.0210	0.10579	0.03400	5			0
001.03	Loss on Drying, Low temp. methods (%)	0895	9.0650	0.01000	9.0210	0.10579	0.03400	5			0
001.03	Loss on Drying, Low temp. methods (%)	0893	9.1500	0.00000	9.0210	0.10579	0.03400	5			0
001.05	Loss on Drying, LECO (%)	0610	8.5500	0.02000				2			0
001.05	Loss on Drying, LECO (%)	0644	8.7350	0.03000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	6.1955	0.01100	8.8684	0.23308	0.08386	42	-11.47	15%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	8.2050	0.13000	8.8684	0.23308	0.08386	42	-2.85	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.3200	0.04000	8.8684	0.23308	0.08386	42	-2.35	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.4500	0.16000	8.8684	0.23308	0.08386	42	-1.80	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.6000	0.00000	8.8684	0.23308	0.08386	42	-1.15	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	8.6100	0.04000	8.8684	0.23308	0.08386	42	-1.11	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.6350	0.03000	8.8684	0.23308	0.08386	42	-1.00	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.6468	0.00740	8.8684	0.23308	0.08386	42	-0.95	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.6650	0.05000	8.8684	0.23308	0.08386	42	-0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	8.7000	0.08000	8.8684	0.23308	0.08386	42	-0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.7500	0.10000	8.8684	0.23308	0.08386	42	-0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	8.7721	0.00780	8.8684	0.23308	0.08386	42	-0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	8.7850	0.05000	8.8684	0.23308	0.08386	42	-0.36	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.7850	0.13000	8.8684	0.23308	0.08386	42	-0.36	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	8.7900	0.28000	8.8684	0.23308	0.08386	42	-0.34	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.7950	0.05000	8.8684	0.23308	0.08386	42	-0.32	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.8250	0.19000	8.8684	0.23308	0.08386	42	-0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.8250	0.03000	8.8684	0.23308	0.08386	42	-0.19	0%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.8300	0.08000	8.8684	0.23308	0.08386	42	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	8.8375	0.35500	8.8684	0.23308	0.08386	42	-0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	8.8400	0.04000	8.8684	0.23308	0.08386	42	-0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	8.8650	0.01000	8.8684	0.23308	0.08386	42	-0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.8800	0.12000	8.8684	0.23308	0.08386	42	0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	8.8900	0.06000	8.8684	0.23308	0.08386	42	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	8.8985	0.03700	8.8684	0.23308	0.08386	42	0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	8.9000	0.00000	8.8684	0.23308	0.08386	42	0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	8.9200	0.06000	8.8684	0.23308	0.08386	42	0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.9250	0.01000	8.8684	0.23308	0.08386	42	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.9400	0.00000	8.8684	0.23308	0.08386	42	0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	8.9650	0.09000	8.8684	0.23308	0.08386	42	0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	9.0450	0.03000	8.8684	0.23308	0.08386	42	0.76	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.0450	0.17000	8.8684	0.23308	0.08386	42	0.76	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	9.0600	0.08000	8.8684	0.23308	0.08386	42	0.82	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.0800	0.00000	8.8684	0.23308	0.08386	42	0.91	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.0850	0.01000	8.8684	0.23308	0.08386	42	0.93	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	9.1000	0.34000	8.8684	0.23308	0.08386	42	0.99	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.1350	0.01000	8.8684	0.23308	0.08386	42	1.14	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	9.1500	0.30000	8.8684	0.23308	0.08386	42	1.21	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.1700	0.10000	8.8684	0.23308	0.08386	42	1.29	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.2350	0.03400	8.8684	0.23308	0.08386	42	1.57	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.2500	0.06000	8.8684	0.23308	0.08386	42	1.64	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.9300	0.14000	8.8684	0.23308	0.08386	42	4.55	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	7.0500	0.50000	8.8684	0.23308	0.08386	42	-7.80	10%	1
001.99	Loss on Drying, Miscellaneous (%)	0618	7.2800	0.02000	8.7318	0.37910	0.14182	22	-3.83	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.1650	0.15000	8.7318	0.37910	0.14182	22	-1.50	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	8.3900	0.08000	8.7318	0.37910	0.14182	22	-0.90	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2149	8.4350	0.31000	8.7318	0.37910	0.14182	22	-0.78	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.4600	0.16000	8.7318	0.37910	0.14182	22	-0.72	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.4650	0.03000	8.7318	0.37910	0.14182	22	-0.70	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.5000	0.00000	8.7318	0.37910	0.14182	22	-0.61	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	8.5400	0.20000	8.7318	0.37910	0.14182	22	-0.51	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	8.6100	0.08000	8.7318	0.37910	0.14182	22	-0.32	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.6250	0.19000	8.7318	0.37910	0.14182	22	-0.28	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.6800	0.08000	8.7318	0.37910	0.14182	22	-0.14	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0034	8.7400	0.10000	8.7318	0.37910	0.14182	22	0.02	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	8.8200	0.40000	8.7318	0.37910	0.14182	22	0.23	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	8.8350	0.11000	8.7318	0.37910	0.14182	22	0.27	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	8.8500	0.10000	8.7318	0.37910	0.14182	22	0.31	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	8.8550	0.07000	8.7318	0.37910	0.14182	22	0.33	1%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.99	Loss on Drying, Miscellaneous (%)	0037	8.9800	0.36000	8.7318	0.37910	0.14182	22	0.65	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	9.0850	0.25000	8.7318	0.37910	0.14182	22	0.93	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	9.1150	0.23000	8.7318	0.37910	0.14182	22	1.01	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	9.1850	0.03000	8.7318	0.37910	0.14182	22	1.20	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.3682	0.17000	8.7318	0.37910	0.14182	22	1.68	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.3800	0.00000	8.7318	0.37910	0.14182	22	1.71	4%	0
002.00	Protein, Crude (%)	0169	17.580	0.12000				3			0
002.00	Protein, Crude (%)	0940	17.760	0.28000				3			0
002.00	Protein, Crude (%)	0845	17.900	0.78000				3			0
002.01	Protein, Auto Kjell-Foss (%)	0685	17.225	0.05000	17.598	0.22305	0.09091	11	-1.67	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0910	17.300	0.00000	17.598	0.22305	0.09091	11	-1.33	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0889	17.480	0.14000	17.598	0.22305	0.09091	11	-0.53	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0652	17.500	0.40000	17.598	0.22305	0.09091	11	-0.44	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0968	17.576	0.06600	17.598	0.22305	0.09091	11	-0.10	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0653	17.605	0.01000	17.598	0.22305	0.09091	11	0.03	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0152	17.675	0.15000	17.598	0.22305	0.09091	11	0.35	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0028	17.750	0.02000	17.598	0.22305	0.09091	11	0.68	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0870	17.799	0.15400	17.598	0.22305	0.09091	11	0.90	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0610	17.800	0.00000	17.598	0.22305	0.09091	11	0.91	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0164	17.825	0.01000	17.598	0.22305	0.09091	11	1.02	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0199	18.005	0.99000	17.598	0.22305	0.09091	11	1.83	1%	1
002.02	Protein, Semiauto Autoanalyzer (%)	0042	17.065	0.25000	17.550	0.41210	0.12253	4			0
002.02	Protein, Semiauto Autoanalyzer (%)	2149	17.450	0.10000	17.550	0.41210	0.12253	4			0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	17.625	0.11000	17.550	0.41210	0.12253	4			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	18.059	0.03010	17.550	0.41210	0.12253	4			0
002.04	Protein, Copper Catalyst (%)	0874	16.650	0.20000	18.821	3.2295	0.13250	4			0
002.04	Protein, Copper Catalyst (%)	0187	17.230	0.16000	18.821	3.2295	0.13250	4			0
002.04	Protein, Copper Catalyst (%)	0504	17.790	0.12000	18.821	3.2295	0.13250	4			0
002.04	Protein, Copper Catalyst (%)	0405	23.615	0.05000	18.821	3.2295	0.13250	4			0
002.05	Protein, Copper, Boric Acid (%)	0722	17.151	0.02530	17.678	0.18573	0.08188	28	-2.84	1%	0
002.05	Protein, Copper, Boric Acid (%)	0622	17.393	0.01220	17.678	0.18573	0.08188	28	-1.54	1%	0
002.05	Protein, Copper, Boric Acid (%)	2109	17.460	0.08000	17.678	0.18573	0.08188	28	-1.17	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	17.475	0.05000	17.678	0.18573	0.08188	28	-1.09	1%	0
002.05	Protein, Copper, Boric Acid (%)	0619	17.500	0.00000	17.678	0.18573	0.08188	28	-0.96	1%	0
002.05	Protein, Copper, Boric Acid (%)	0952	17.530	0.06000	17.678	0.18573	0.08188	28	-0.80	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	17.550	0.00000	17.678	0.18573	0.08188	28	-0.69	0%	0
002.05	Protein, Copper, Boric Acid (%)	2146	17.560	0.02000	17.678	0.18573	0.08188	28	-0.64	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	17.565	0.07000	17.678	0.18573	0.08188	28	-0.61	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	17.576	0.06800	17.678	0.18573	0.08188	28	-0.55	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	17.580	0.06000	17.678	0.18573	0.08188	28	-0.53	0%	0
002.05	Protein, Copper, Boric Acid (%)	2012	17.610	0.34000	17.678	0.18573	0.08188	28	-0.37	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 (%)	0675	17.690	0.10000	17.678	0.18573	0.08188	28	0.06	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	17.705	0.03000	17.678	0.18573	0.08188	28	0.14	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	17.705	0.01000	17.678	0.18573	0.08188	28	0.14	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	17.720	0.22000	17.678	0.18573	0.08188	28	0.23	0%	0
002.05	Protein, Copper, Boric Acid (%)	0852	17.735	0.09000	17.678	0.18573	0.08188	28	0.31	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	17.750	0.00300	17.678	0.18573	0.08188	28	0.39	0%	0
002.05	Protein, Copper, Boric Acid (%)	0893	17.750	0.00000	17.678	0.18573	0.08188	28	0.39	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	17.770	0.04000	17.678	0.18573	0.08188	28	0.49	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	17.780	0.04000	17.678	0.18573	0.08188	28	0.55	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	17.783	0.03400	17.678	0.18573	0.08188	28	0.56	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	17.835	0.09000	17.678	0.18573	0.08188	28	0.84	0%	0
002.05	Protein, Copper, Boric Acid (%)	0878	17.845	0.03000	17.678	0.18573	0.08188	28	0.90	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	17.855	0.03000	17.678	0.18573	0.08188	28	0.95	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	17.950	0.50000	17.678	0.18573	0.08188	28	1.46	1%	0
002.05	Protein, Copper, Boric Acid (%)	2073	17.955	0.19000	17.678	0.18573	0.08188	28	1.49	1%	0
002.05	Protein, Copper, Boric Acid (%)	0581	18.800	0.10000	17.678	0.18573	0.08188	28	6.04	3%	0
002.05	Protein, Copper, Boric Acid (%)	0596	17.935	0.57000	17.678	0.18573	0.08188	28	1.38	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0921	16.440	0.00000	17.909	0.22371	0.14219	123	-6.57	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	17.035	0.29000	17.909	0.22371	0.14219	123	-3.91	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	17.155	0.19000	17.909	0.22371	0.14219	123	-3.37	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	17.185	0.01000	17.909	0.22371	0.14219	123	-3.24	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	17.215	0.09000	17.909	0.22371	0.14219	123	-3.10	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	17.395	0.35000	17.909	0.22371	0.14219	123	-2.30	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	17.480	0.02000	17.909	0.22371	0.14219	123	-1.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	17.510	0.04000	17.909	0.22371	0.14219	123	-1.78	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	17.525	0.09000	17.909	0.22371	0.14219	123	-1.72	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0123	17.530	0.02000	17.909	0.22371	0.14219	123	-1.69	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	17.550	0.06000	17.909	0.22371	0.14219	123	-1.60	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	17.563	0.12500	17.909	0.22371	0.14219	123	-1.55	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	17.580	0.28000	17.909	0.22371	0.14219	123	-1.47	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	17.595	0.01000	17.909	0.22371	0.14219	123	-1.40	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	17.600	0.40000	17.909	0.22371	0.14219	123	-1.38	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	17.625	0.09000	17.909	0.22371	0.14219	123	-1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	17.655	0.35000	17.909	0.22371	0.14219	123	-1.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	17.700	0.10000	17.909	0.22371	0.14219	123	-0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2150	17.725	0.64000	17.909	0.22371	0.14219	123	-0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	17.730	0.26000	17.909	0.22371	0.14219	123	-0.80	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	17.750	0.00000	17.909	0.22371	0.14219	123	-0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	17.750	0.10000	17.909	0.22371	0.14219	123	-0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	17.755	0.01000	17.909	0.22371	0.14219	123	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	17.760	0.30000	17.909	0.22371	0.14219	123	-0.67	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 (%)	0009	17.770	0.14000	17.909	0.22371	0.14219	123	-0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	17.780	0.26000	17.909	0.22371	0.14219	123	-0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	17.780	0.00000	17.909	0.22371	0.14219	123	-0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	17.782	0.04300	17.909	0.22371	0.14219	123	-0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	17.785	0.47000	17.909	0.22371	0.14219	123	-0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	17.785	0.05000	17.909	0.22371	0.14219	123	-0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	17.790	0.02000	17.909	0.22371	0.14219	123	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	17.790	0.48000	17.909	0.22371	0.14219	123	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	17.800	0.20000	17.909	0.22371	0.14219	123	-0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	17.800	0.00000	17.909	0.22371	0.14219	123	-0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	17.800	0.00000	17.909	0.22371	0.14219	123	-0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	17.800	0.00000	17.909	0.22371	0.14219	123	-0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0695	17.805	0.17600	17.909	0.22371	0.14219	123	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	17.825	0.15000	17.909	0.22371	0.14219	123	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	17.830	0.06900	17.909	0.22371	0.14219	123	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	17.835	0.09000	17.909	0.22371	0.14219	123	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	17.835	0.03000	17.909	0.22371	0.14219	123	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	17.835	0.23000	17.909	0.22371	0.14219	123	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	17.842	0.13400	17.909	0.22371	0.14219	123	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	17.845	0.06300	17.909	0.22371	0.14219	123	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	17.845	0.07000	17.909	0.22371	0.14219	123	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	17.850	0.30000	17.909	0.22371	0.14219	123	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	17.850	0.30000	17.909	0.22371	0.14219	123	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	17.851	0.50900	17.909	0.22371	0.14219	123	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	17.860	0.06000	17.909	0.22371	0.14219	123	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	17.862	0.30320	17.909	0.22371	0.14219	123	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	17.870	0.02000	17.909	0.22371	0.14219	123	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	17.875	0.07000	17.909	0.22371	0.14219	123	-0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	17.880	0.00000	17.909	0.22371	0.14219	123	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	17.880	0.04000	17.909	0.22371	0.14219	123	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	17.880	0.12000	17.909	0.22371	0.14219	123	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	17.881	0.00600	17.909	0.22371	0.14219	123	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	17.885	0.31000	17.909	0.22371	0.14219	123	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	17.885	0.07000	17.909	0.22371	0.14219	123	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	17.894	0.01000	17.909	0.22371	0.14219	123	-0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0199	17.895	0.03000	17.909	0.22371	0.14219	123	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	17.895	0.01000	17.909	0.22371	0.14219	123	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	17.895	0.09000	17.909	0.22371	0.14219	123	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	17.900	0.00000	17.909	0.22371	0.14219	123	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	17.900	0.00000	17.909	0.22371	0.14219	123	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	17.900	0.00000	17.909	0.22371	0.14219	123	-0.04	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	17.900	0.40000	17.909	0.22371	0.14219	123	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	17.900	0.26000	17.909	0.22371	0.14219	123	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	17.905	0.07000	17.909	0.22371	0.14219	123	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	17.905	0.11000	17.909	0.22371	0.14219	123	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	17.920	0.02000	17.909	0.22371	0.14219	123	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	17.920	0.10000	17.909	0.22371	0.14219	123	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	17.930	0.02000	17.909	0.22371	0.14219	123	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	17.935	0.13000	17.909	0.22371	0.14219	123	0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	17.940	0.00000	17.909	0.22371	0.14219	123	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	17.940	0.04000	17.909	0.22371	0.14219	123	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	17.942	0.03600	17.909	0.22371	0.14219	123	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	17.945	0.07000	17.909	0.22371	0.14219	123	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	17.945	0.29000	17.909	0.22371	0.14219	123	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	17.950	0.10000	17.909	0.22371	0.14219	123	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	17.950	0.10000	17.909	0.22371	0.14219	123	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	17.950	0.10000	17.909	0.22371	0.14219	123	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	17.950	0.06000	17.909	0.22371	0.14219	123	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	17.955	0.05000	17.909	0.22371	0.14219	123	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	17.960	0.02000	17.909	0.22371	0.14219	123	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	17.970	0.08000	17.909	0.22371	0.14219	123	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	17.980	0.54000	17.909	0.22371	0.14219	123	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	17.985	0.11000	17.909	0.22371	0.14219	123	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	17.990	0.04000	17.909	0.22371	0.14219	123	0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	18.004	0.05600	17.909	0.22371	0.14219	123	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	18.005	0.07000	17.909	0.22371	0.14219	123	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	18.010	0.06000	17.909	0.22371	0.14219	123	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	18.010	0.02000	17.909	0.22371	0.14219	123	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	18.012	0.08500	17.909	0.22371	0.14219	123	0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	18.020	0.36000	17.909	0.22371	0.14219	123	0.50	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	18.038	0.12200	17.909	0.22371	0.14219	123	0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	18.055	0.13430	17.909	0.22371	0.14219	123	0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	18.061	0.20300	17.909	0.22371	0.14219	123	0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	18.100	0.00000	17.909	0.22371	0.14219	123	0.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0186	18.100	0.00000	17.909	0.22371	0.14219	123	0.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	18.105	0.09000	17.909	0.22371	0.14219	123	0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	18.108	0.08600	17.909	0.22371	0.14219	123	0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	18.120	0.14000	17.909	0.22371	0.14219	123	0.94	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	18.130	0.14000	17.909	0.22371	0.14219	123	0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	18.150	0.10000	17.909	0.22371	0.14219	123	1.08	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	18.160	0.12000	17.909	0.22371	0.14219	123	1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	18.165	0.11000	17.909	0.22371	0.14219	123	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	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	18.220	0.26000	17.909	0.22371	0.14219	123	1.39	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	18.250	0.10000	17.909	0.22371	0.14219	123	1.52	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	18.250	0.30000	17.909	0.22371	0.14219	123	1.52	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	18.260	0.12000	17.909	0.22371	0.14219	123	1.57	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	18.270	0.76000	17.909	0.22371	0.14219	123	1.61	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	18.275	0.63000	17.909	0.22371	0.14219	123	1.64	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	18.295	0.11000	17.909	0.22371	0.14219	123	1.73	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2081	18.310	0.04000	17.909	0.22371	0.14219	123	1.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0644	18.320	0.16900	17.909	0.22371	0.14219	123	1.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2066	18.350	0.30000	17.909	0.22371	0.14219	123	1.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	18.380	0.18000	17.909	0.22371	0.14219	123	2.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	18.431	0.23400	17.909	0.22371	0.14219	123	2.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	18.435	0.19000	17.909	0.22371	0.14219	123	2.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	18.736	0.02600	17.909	0.22371	0.14219	123	3.70	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	18.950	0.30000	17.909	0.22371	0.14219	123	4.65	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0596	19.255	0.25000	17.909	0.22371	0.14219	123	6.02	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0612	20.275	0.13000	17.909	0.22371	0.14219	123	10.58	7%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2155	17.889	0.84600	17.909	0.22371	0.14219	123	-0.09	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	18.340	0.94000	17.909	0.22371	0.14219	123	1.93	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	20.460	1.3400	17.909	0.22371	0.14219	123	11.40	7%	1
002.08	Protein, Cu/Ti (%)	0098	17.510	0.08000				1			0
002.10	Protein, Block dig/distillation (%)	0629	18.075	0.07000				1			0
002.11	Protein, NIR (%)	2105	16.570	0.10000	19.466	2.1047	0.19000	8	-1.38	7%	0
002.11	Protein, NIR (%)	0852	17.050	0.00000	19.466	2.1047	0.19000	8	-1.15	6%	0
002.11	Protein, NIR (%)	0889	18.395	0.09000	19.466	2.1047	0.19000	8	-0.51	3%	0
002.11	Protein, NIR (%)	0011	20.200	0.00000	19.466	2.1047	0.19000	8	0.35	2%	0
002.11	Protein, NIR (%)	0297	20.590	0.02000	19.466	2.1047	0.19000	8	0.53	3%	0
002.11	Protein, NIR (%)	2121	20.750	0.40000	19.466	2.1047	0.19000	8	0.61	3%	0
002.11	Protein, NIR (%)	2120	20.960	0.68000	19.466	2.1047	0.19000	8	0.71	4%	0
002.11	Protein, NIR (%)	0720	21.215	0.23000	19.466	2.1047	0.19000	8	0.83	4%	0
002.99	Protein, Miscellaneous (%)	2145	17.080	0.08000				3			0
002.99	Protein, Miscellaneous (%)	2004	17.850	0.10000				3			0
002.99	Protein, Miscellaneous (%)	2144	18.450	0.02000				3			0
002.99	Protein, Miscellaneous (%)	0643	17.750	0.46000				3			1
003.00	Fat, Eth Ext., Direct (%)	0142	1.4400	0.20000	2.3901	0.67017	0.10129	12	-1.42	20%	0
003.00	Fat, Eth Ext., Direct (%)	0596	1.5950	0.09000	2.3901	0.67017	0.10129	12	-1.19	17%	0
003.00	Fat, Eth Ext., Direct (%)	0885	1.7541	0.11940	2.3901	0.67017	0.10129	12	-0.95	13%	0
003.00	Fat, Eth Ext., Direct (%)	0939	2.0100	0.12000	2.3901	0.67017	0.10129	12	-0.57	8%	0
003.00	Fat, Eth Ext., Direct (%)	2053	2.2600	0.02000	2.3901	0.67017	0.10129	12	-0.19	3%	0
003.00	Fat, Eth Ext., Direct (%)	2109	2.4650	0.11000	2.3901	0.67017	0.10129	12	0.11	2%	0
003.00	Fat, Eth Ext., Direct (%)	0035	2.4750	0.13000	2.3901	0.67017	0.10129	12	0.13	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.00	Fat, Eth Ext., Direct (%)	0615	2.5400	0.06000	2.3901	0.67017	0.10129	12	0.22	3%	0
003.00	Fat, Eth Ext., Direct (%)	0653	2.9450	0.01000	2.3901	0.67017	0.10129	12	0.83	12%	0
003.00	Fat, Eth Ext., Direct (%)	0345	2.9750	0.05000	2.3901	0.67017	0.10129	12	0.87	12%	0
003.00	Fat, Eth Ext., Direct (%)	0309	3.0224	0.10610	2.3901	0.67017	0.10129	12	0.94	13%	0
003.00	Fat, Eth Ext., Direct (%)	0017	3.2000	0.20000	2.3901	0.67017	0.10129	12	1.21	17%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0032	3.3000	0.40000				2			0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	3.3200	1.2000				2			0
003.06	Fat, Pet Ether (%)	0229	2.3200	0.04000	2.9858	0.36551	0.08415	20	-1.82	11%	0
003.06	Fat, Pet Ether (%)	0083	2.4750	0.17000	2.9858	0.36551	0.08415	20	-1.40	9%	0
003.06	Fat, Pet Ether (%)	0169	2.5650	0.01000	2.9858	0.36551	0.08415	20	-1.15	7%	0
003.06	Fat, Pet Ether (%)	0689	2.6000	0.20000	2.9858	0.36551	0.08415	20	-1.06	6%	0
003.06	Fat, Pet Ether (%)	0300	2.7100	0.14000	2.9858	0.36551	0.08415	20	-0.75	5%	0
003.06	Fat, Pet Ether (%)	0148	2.7500	0.06000	2.9858	0.36551	0.08415	20	-0.65	4%	0
003.06	Fat, Pet Ether (%)	0294	2.8650	0.01000	2.9858	0.36551	0.08415	20	-0.33	2%	0
003.06	Fat, Pet Ether (%)	0644	2.8695	0.04500	2.9858	0.36551	0.08415	20	-0.32	2%	0
003.06	Fat, Pet Ether (%)	0682	2.9500	0.00000	2.9858	0.36551	0.08415	20	-0.10	1%	0
003.06	Fat, Pet Ether (%)	0199	2.9800	0.04000	2.9858	0.36551	0.08415	20	-0.02	0%	0
003.06	Fat, Pet Ether (%)	0552	3.0000	0.04000	2.9858	0.36551	0.08415	20	0.04	0%	0
003.06	Fat, Pet Ether (%)	0297	3.1250	0.05000	2.9858	0.36551	0.08415	20	0.38	2%	0
003.06	Fat, Pet Ether (%)	0425	3.1650	0.05000	2.9858	0.36551	0.08415	20	0.49	3%	0
003.06	Fat, Pet Ether (%)	0511	3.2000	0.02000	2.9858	0.36551	0.08415	20	0.59	4%	0
003.06	Fat, Pet Ether (%)	0884	3.2000	0.20000	2.9858	0.36551	0.08415	20	0.59	4%	0
003.06	Fat, Pet Ether (%)	0849	3.2240	0.04800	2.9858	0.36551	0.08415	20	0.65	4%	0
003.06	Fat, Pet Ether (%)	0918	3.2650	0.07000	2.9858	0.36551	0.08415	20	0.76	5%	0
003.06	Fat, Pet Ether (%)	0687	3.3550	0.21000	2.9858	0.36551	0.08415	20	1.01	6%	0
003.06	Fat, Pet Ether (%)	0164	3.4550	0.03000	2.9858	0.36551	0.08415	20	1.28	8%	0
003.06	Fat, Pet Ether (%)	0910	3.5250	0.25000	2.9858	0.36551	0.08415	20	1.48	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	1.3883	0.08340	2.7224	0.45678	0.10714	20	-2.92	25%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	2.0700	0.04000	2.7224	0.45678	0.10714	20	-1.43	12%	0
003.09	Fat, Soxtec, Eth Ext (%)	0512	2.0730	0.36200	2.7224	0.45678	0.10714	20	-1.42	12%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	2.3050	0.01000	2.7224	0.45678	0.10714	20	-0.91	8%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	2.3600	0.00000	2.7224	0.45678	0.10714	20	-0.79	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	2.4600	0.04000	2.7224	0.45678	0.10714	20	-0.57	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	2.4974	0.04130	2.7224	0.45678	0.10714	20	-0.49	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	2.5850	0.23000	2.7224	0.45678	0.10714	20	-0.30	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	2.6000	0.12000	2.7224	0.45678	0.10714	20	-0.27	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	2.8400	0.06000	2.7224	0.45678	0.10714	20	0.26	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	2.8500	0.10000	2.7224	0.45678	0.10714	20	0.28	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	2.9500	0.10000	2.7224	0.45678	0.10714	20	0.50	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	2.9850	0.03000	2.7224	0.45678	0.10714	20	0.57	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	3.0000	0.20000	2.7224	0.45678	0.10714	20	0.61	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.09	Fat, Soxtec, Eth Ext (%)	0948	3.0400	0.02000	2.7224	0.45678	0.10714	20	0.70	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	3.0900	0.06000	2.7224	0.45678	0.10714	20	0.80	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	3.1000	0.00000	2.7224	0.45678	0.10714	20	0.83	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	3.1600	0.06000	2.7224	0.45678	0.10714	20	0.96	8%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	3.1600	0.16000	2.7224	0.45678	0.10714	20	0.96	8%	0
003.09	Fat, Soxtec, Eth Ext (%)	0964	3.2860	0.42600	2.7224	0.45678	0.10714	20	1.23	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	1.6800	0.20000	2.4976	0.37747	0.10700	28	-2.17	16%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	1.9150	0.05000	2.4976	0.37747	0.10700	28	-1.54	12%	0
003.10	Fat, Soxtec, Pet Ether (%)	2155	1.9935	0.08300	2.4976	0.37747	0.10700	28	-1.34	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	2.0250	0.01000	2.4976	0.37747	0.10700	28	-1.25	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	2.2050	0.37000	2.4976	0.37747	0.10700	28	-0.78	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0897	2.2950	0.01000	2.4976	0.37747	0.10700	28	-0.54	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	2.3100	0.02000	2.4976	0.37747	0.10700	28	-0.50	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	2.3200	0.04000	2.4976	0.37747	0.10700	28	-0.47	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	2.3300	0.00000	2.4976	0.37747	0.10700	28	-0.44	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	2.3400	0.02000	2.4976	0.37747	0.10700	28	-0.42	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	2.3450	0.01000	2.4976	0.37747	0.10700	28	-0.40	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	2.3767	0.08890	2.4976	0.37747	0.10700	28	-0.32	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	2.4000	0.02000	2.4976	0.37747	0.10700	28	-0.26	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0695	2.4070	0.12800	2.4976	0.37747	0.10700	28	-0.24	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	2.4750	0.21000	2.4976	0.37747	0.10700	28	-0.06	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	2.5006	0.03260	2.4976	0.37747	0.10700	28	0.01	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	2.5215	0.18700	2.4976	0.37747	0.10700	28	0.06	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	2.6100	0.10000	2.4976	0.37747	0.10700	28	0.30	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	2.6450	0.31000	2.4976	0.37747	0.10700	28	0.39	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	2.6500	0.10000	2.4976	0.37747	0.10700	28	0.40	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	2.7050	0.02600	2.4976	0.37747	0.10700	28	0.55	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	2.8200	0.18000	2.4976	0.37747	0.10700	28	0.85	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	2.8450	0.05000	2.4976	0.37747	0.10700	28	0.92	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	2.8890	0.02050	2.4976	0.37747	0.10700	28	1.04	8%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	2.9000	0.32000	2.4976	0.37747	0.10700	28	1.07	8%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	3.0350	0.01000	2.4976	0.37747	0.10700	28	1.42	11%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	3.1000	0.00000	2.4976	0.37747	0.10700	28	1.60	12%	0
003.10	Fat, Soxtec, Pet Ether (%)	2089	3.3100	0.40000	2.4976	0.37747	0.10700	28	2.15	16%	0
003.11	Fat, NIR (%)	2120	1.3200	0.08000	2.8994	1.1416	0.05375	8	-1.38	27%	0
003.11	Fat, NIR (%)	2121	1.7350	0.15000	2.8994	1.1416	0.05375	8	-1.02	20%	0
003.11	Fat, NIR (%)	2105	2.5700	0.08000	2.8994	1.1416	0.05375	8	-0.29	6%	0
003.11	Fat, NIR (%)	0720	2.8050	0.01000	2.8994	1.1416	0.05375	8	-0.08	2%	0
003.11	Fat, NIR (%)	0889	3.1450	0.01000	2.8994	1.1416	0.05375	8	0.22	4%	0
003.11	Fat, NIR (%)	0011	3.5000	0.00000	2.8994	1.1416	0.05375	8	0.53	10%	0
003.11	Fat, NIR (%)	0852	3.9850	0.01000	2.8994	1.1416	0.05375	8	0.95	19%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.11	Fat, NIR (%)	0297	4.1350	0.09000	2.8994	1.1416	0.05375	8	1.08	21%	0
003.12	Fat, Hexane Ext (%)	0893	1.5600	0.00000				3			0
003.12	Fat, Hexane Ext (%)	0171	2.0400	0.04000				3			0
003.12	Fat, Hexane Ext (%)	0895	2.6650	0.01000				3			0
003.12	Fat, Hexane Ext (%)	0940	2.2900	0.86000				3			1
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	2.3750	0.09000	2.6824	0.33797	0.12000	8	-0.91	6%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	2.3850	0.11000	2.6824	0.33797	0.12000	8	-0.88	6%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	2.4200	0.04000	2.6824	0.33797	0.12000	8	-0.78	5%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	2.5950	0.29000	2.6824	0.33797	0.12000	8	-0.26	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	2.7150	0.11000	2.6824	0.33797	0.12000	8	0.10	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	2.7950	0.25000	2.6824	0.33797	0.12000	8	0.33	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	2.9850	0.07000	2.6824	0.33797	0.12000	8	0.90	6%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	3.5500	0.00000	2.6824	0.33797	0.12000	8	2.57	16%	0
003.14	Fat, Ankom (%)	2075	1.3300	0.04000	2.1387	0.38691	0.15674	42	-2.09	19%	0
003.14	Fat, Ankom (%)	0265	1.5000	0.42000	2.1387	0.38691	0.15674	42	-1.65	15%	0
003.14	Fat, Ankom (%)	2129	1.6500	0.38000	2.1387	0.38691	0.15674	42	-1.26	11%	0
003.14	Fat, Ankom (%)	0358	1.7050	0.19000	2.1387	0.38691	0.15674	42	-1.12	10%	0
003.14	Fat, Ankom (%)	0912	1.7200	0.12000	2.1387	0.38691	0.15674	42	-1.08	10%	0
003.14	Fat, Ankom (%)	0019	1.7400	0.02000	2.1387	0.38691	0.15674	42	-1.03	9%	0
003.14	Fat, Ankom (%)	0948	1.7950	0.01000	2.1387	0.38691	0.15674	42	-0.89	8%	0
003.14	Fat, Ankom (%)	0520	1.8300	0.04000	2.1387	0.38691	0.15674	42	-0.80	7%	0
003.14	Fat, Ankom (%)	0144	1.8350	0.01000	2.1387	0.38691	0.15674	42	-0.78	7%	0
003.14	Fat, Ankom (%)	0581	1.8400	0.16000	2.1387	0.38691	0.15674	42	-0.77	7%	0
003.14	Fat, Ankom (%)	0186	1.8800	0.06000	2.1387	0.38691	0.15674	42	-0.67	6%	0
003.14	Fat, Ankom (%)	0956	1.9000	0.00000	2.1387	0.38691	0.15674	42	-0.62	6%	0
003.14	Fat, Ankom (%)	0682	1.9400	0.00000	2.1387	0.38691	0.15674	42	-0.51	5%	0
003.14	Fat, Ankom (%)	0034	1.9450	0.01000	2.1387	0.38691	0.15674	42	-0.50	5%	0
003.14	Fat, Ankom (%)	0529	1.9550	0.05000	2.1387	0.38691	0.15674	42	-0.47	4%	0
003.14	Fat, Ankom (%)	0037	1.9850	0.05000	2.1387	0.38691	0.15674	42	-0.40	4%	0
003.14	Fat, Ankom (%)	0878	2.0000	0.12000	2.1387	0.38691	0.15674	42	-0.36	3%	0
003.14	Fat, Ankom (%)	0001	2.0130	0.32600	2.1387	0.38691	0.15674	42	-0.32	3%	0
003.14	Fat, Ankom (%)	0692	2.0500	0.50000	2.1387	0.38691	0.15674	42	-0.23	2%	0
003.14	Fat, Ankom (%)	0968	2.0810	0.10200	2.1387	0.38691	0.15674	42	-0.15	1%	0
003.14	Fat, Ankom (%)	0407	2.0886	0.20520	2.1387	0.38691	0.15674	42	-0.13	1%	0
003.14	Fat, Ankom (%)	0843	2.1250	0.57000	2.1387	0.38691	0.15674	42	-0.04	0%	0
003.14	Fat, Ankom (%)	0229	2.2000	0.04000	2.1387	0.38691	0.15674	42	0.16	1%	0
003.14	Fat, Ankom (%)	0848	2.2000	0.12000	2.1387	0.38691	0.15674	42	0.16	1%	0
003.14	Fat, Ankom (%)	0049	2.2200	0.54000	2.1387	0.38691	0.15674	42	0.21	2%	0
003.14	Fat, Ankom (%)	0574	2.2300	0.10000	2.1387	0.38691	0.15674	42	0.24	2%	0
003.14	Fat, Ankom (%)	0009	2.2350	0.01000	2.1387	0.38691	0.15674	42	0.25	2%	0
003.14	Fat, Ankom (%)	0004	2.2600	0.28000	2.1387	0.38691	0.15674	42	0.31	3%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Ankom (%)	0066	2.2700	0.08000	2.1387	0.38691	0.15674	42	0.34	3%	0
003.14	Fat, Ankom (%)	0089	2.2700	0.00000	2.1387	0.38691	0.15674	42	0.34	3%	0
003.14	Fat, Ankom (%)	0357	2.3000	0.20000	2.1387	0.38691	0.15674	42	0.42	4%	0
003.14	Fat, Ankom (%)	0876	2.3000	0.06000	2.1387	0.38691	0.15674	42	0.42	4%	0
003.14	Fat, Ankom (%)	2146	2.3250	0.27000	2.1387	0.38691	0.15674	42	0.48	4%	0
003.14	Fat, Ankom (%)	0074	2.3850	0.27000	2.1387	0.38691	0.15674	42	0.64	6%	0
003.14	Fat, Ankom (%)	0683	2.4350	0.27000	2.1387	0.38691	0.15674	42	0.77	7%	0
003.14	Fat, Ankom (%)	0278	2.7000	0.00000	2.1387	0.38691	0.15674	42	1.45	13%	0
003.14	Fat, Ankom (%)	0108	2.7050	0.43000	2.1387	0.38691	0.15674	42	1.46	13%	0
003.14	Fat, Ankom (%)	0190	2.7700	0.08000	2.1387	0.38691	0.15674	42	1.63	15%	0
003.14	Fat, Ankom (%)	0726	2.8000	0.16000	2.1387	0.38691	0.15674	42	1.71	15%	0
003.14	Fat, Ankom (%)	0413	2.9000	0.00000	2.1387	0.38691	0.15674	42	1.97	18%	0
003.14	Fat, Ankom (%)	0955	3.0250	0.13000	2.1387	0.38691	0.15674	42	2.29	21%	0
003.14	Fat, Ankom (%)	0619	3.3500	0.16000	2.1387	0.38691	0.15674	42	3.13	28%	0
003.14	Fat, Ankom (%)	0598	202.00	10.000	2.1387	0.38691	0.15674	42	516.56	4673%	2
003.99	Fat, Miscellaneous (%)	0047	2.7600	0.00000	3.2258	0.42192	0.05167	6	-1.10	7%	0
003.99	Fat, Miscellaneous (%)	2145	2.8600	0.08000	3.2258	0.42192	0.05167	6	-0.87	6%	0
003.99	Fat, Miscellaneous (%)	0016	3.2250	0.05000	3.2258	0.42192	0.05167	6	0.00	0%	0
003.99	Fat, Miscellaneous (%)	0941	3.2900	0.08000	3.2258	0.42192	0.05167	6	0.15	1%	0
003.99	Fat, Miscellaneous (%)	2144	3.4650	0.01000	3.2258	0.42192	0.05167	6	0.57	4%	0
003.99	Fat, Miscellaneous (%)	1019	3.7550	0.09000	3.2258	0.42192	0.05167	6	1.25	8%	0
003.99	Fat, Miscellaneous (%)	0914	4.1750	0.45000	3.2258	0.42192	0.05167	6	2.25	15%	1
004.00	Fiber, Crude, Asbestos Free (%)	0425	8.5500	0.10000	9.2077	0.31304	0.15869	15	-2.10	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	8.7800	0.02000	9.2077	0.31304	0.15869	15	-1.37	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	9.0500	0.10000	9.2077	0.31304	0.15869	15	-0.50	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	9.0500	0.10000	9.2077	0.31304	0.15869	15	-0.50	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	9.0800	0.02000	9.2077	0.31304	0.15869	15	-0.41	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	9.0950	0.08690	9.2077	0.31304	0.15869	15	-0.36	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	9.1000	0.20000	9.2077	0.31304	0.15869	15	-0.34	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	9.1250	0.01000	9.2077	0.31304	0.15869	15	-0.26	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	9.1600	0.10000	9.2077	0.31304	0.15869	15	-0.15	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	9.3850	0.07000	9.2077	0.31304	0.15869	15	0.57	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	9.3907	0.04350	9.2077	0.31304	0.15869	15	0.58	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	9.4000	0.40000	9.2077	0.31304	0.15869	15	0.61	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	9.4500	0.30000	9.2077	0.31304	0.15869	15	0.77	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	9.6350	0.45000	9.2077	0.31304	0.15869	15	1.36	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	10.050	0.38000	9.2077	0.31304	0.15869	15	2.69	5%	0
004.01	Fiber, Sing Filt (%)	0366	10.200	0.20000				1			0
004.03	Fiber, Fritted Glass (%)	2089	7.6050	0.91000	8.8434	1.3705	0.46125	4			0
004.03	Fiber, Fritted Glass (%)	0921	8.1200	0.28000	8.8434	1.3705	0.46125	4			0
004.03	Fiber, Fritted Glass (%)	0353	8.9150	0.09000	8.8434	1.3705	0.46125	4			0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.03	Fiber, Fritted Glass (%)	0693	10.734	0.56500	8.8434	1.3705	0.46125	4			0
004.06	Fiber, Fibertec (%)	0897	8.3550	0.01000	9.1383	0.46190	0.14902	27	-1.70	4%	0
004.06	Fiber, Fibertec (%)	0885	8.5873	0.16680	9.1383	0.46190	0.14902	27	-1.19	3%	0
004.06	Fiber, Fibertec (%)	0895	8.6950	0.01000	9.1383	0.46190	0.14902	27	-0.96	2%	0
004.06	Fiber, Fibertec (%)	0952	8.6950	0.19000	9.1383	0.46190	0.14902	27	-0.96	2%	0
004.06	Fiber, Fibertec (%)	0720	8.7100	0.06000	9.1383	0.46190	0.14902	27	-0.93	2%	0
004.06	Fiber, Fibertec (%)	0941	8.7450	0.13000	9.1383	0.46190	0.14902	27	-0.85	2%	0
004.06	Fiber, Fibertec (%)	2006	8.7700	0.16000	9.1383	0.46190	0.14902	27	-0.80	2%	0
004.06	Fiber, Fibertec (%)	2068	8.8150	0.05000	9.1383	0.46190	0.14902	27	-0.70	2%	0
004.06	Fiber, Fibertec (%)	0098	8.8200	0.26000	9.1383	0.46190	0.14902	27	-0.69	2%	0
004.06	Fiber, Fibertec (%)	0205	8.8200	0.20000	9.1383	0.46190	0.14902	27	-0.69	2%	0
004.06	Fiber, Fibertec (%)	2022	8.9700	0.02000	9.1383	0.46190	0.14902	27	-0.36	1%	0
004.06	Fiber, Fibertec (%)	2149	9.0000	0.08000	9.1383	0.46190	0.14902	27	-0.30	1%	0
004.06	Fiber, Fibertec (%)	0878	9.0100	0.12000	9.1383	0.46190	0.14902	27	-0.28	1%	0
004.06	Fiber, Fibertec (%)	0964	9.0150	0.47000	9.1383	0.46190	0.14902	27	-0.27	1%	0
004.06	Fiber, Fibertec (%)	0590	9.0250	0.05000	9.1383	0.46190	0.14902	27	-0.25	1%	0
004.06	Fiber, Fibertec (%)	0893	9.2900	0.00000	9.1383	0.46190	0.14902	27	0.33	1%	0
004.06	Fiber, Fibertec (%)	0948	9.4650	0.39000	9.1383	0.46190	0.14902	27	0.71	2%	0
004.06	Fiber, Fibertec (%)	0674	9.4700	0.00000	9.1383	0.46190	0.14902	27	0.72	2%	0
004.06	Fiber, Fibertec (%)	0675	9.4850	0.07000	9.1383	0.46190	0.14902	27	0.75	2%	0
004.06	Fiber, Fibertec (%)	0689	9.5000	0.40000	9.1383	0.46190	0.14902	27	0.78	2%	0
004.06	Fiber, Fibertec (%)	0512	9.5250	0.10800	9.1383	0.46190	0.14902	27	0.84	2%	0
004.06	Fiber, Fibertec (%)	0199	9.5500	0.04000	9.1383	0.46190	0.14902	27	0.89	2%	0
004.06	Fiber, Fibertec (%)	0845	9.5700	0.40000	9.1383	0.46190	0.14902	27	0.93	2%	0
004.06	Fiber, Fibertec (%)	0918	9.5700	0.10000	9.1383	0.46190	0.14902	27	0.93	2%	0
004.06	Fiber, Fibertec (%)	0676	9.5750	0.19000	9.1383	0.46190	0.14902	27	0.95	2%	0
004.06	Fiber, Fibertec (%)	0722	9.7792	0.13080	9.1383	0.46190	0.14902	27	1.39	4%	0
004.06	Fiber, Fibertec (%)	0968	10.096	0.21800	9.1383	0.46190	0.14902	27	2.07	5%	0
004.06	Fiber, Fibertec (%)	2146	9.1400	1.2600	9.1383	0.46190	0.14902	27	0.00	0%	1
004.07	Fiber, ANKOM (%)	0265	6.9150	1.2100	9.4003	0.99688	0.34663	64	-2.49	13%	0
004.07	Fiber, ANKOM (%)	0910	7.5500	0.50000	9.4003	0.99688	0.34663	64	-1.86	10%	0
004.07	Fiber, ANKOM (%)	2012	7.8500	0.08000	9.4003	0.99688	0.34663	64	-1.56	8%	0
004.07	Fiber, ANKOM (%)	0889	8.0250	1.2700	9.4003	0.99688	0.34663	64	-1.38	7%	0
004.07	Fiber, ANKOM (%)	0032	8.0300	2.2400	9.4003	0.99688	0.34663	64	-1.37	7%	0
004.07	Fiber, ANKOM (%)	0003	8.3850	0.69000	9.4003	0.99688	0.34663	64	-1.02	5%	0
004.07	Fiber, ANKOM (%)	0682	8.4000	0.00000	9.4003	0.99688	0.34663	64	-1.00	5%	0
004.07	Fiber, ANKOM (%)	0100	8.4650	0.77000	9.4003	0.99688	0.34663	64	-0.94	5%	0
004.07	Fiber, ANKOM (%)	0505	8.4700	0.12000	9.4003	0.99688	0.34663	64	-0.93	5%	0
004.07	Fiber, ANKOM (%)	0552	8.5000	0.06000	9.4003	0.99688	0.34663	64	-0.90	5%	0
004.07	Fiber, ANKOM (%)	0726	8.5500	0.10000	9.4003	0.99688	0.34663	64	-0.85	5%	0
004.07	Fiber, ANKOM (%)	0939	8.5750	0.15000	9.4003	0.99688	0.34663	64	-0.83	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 (%)	0190	8.6500	0.30000	9.4003	0.99688	0.34663	64	-0.75	4%	0
004.07	Fiber, ANKOM (%)	2053	8.7250	0.07000	9.4003	0.99688	0.34663	64	-0.68	4%	0
004.07	Fiber, ANKOM (%)	0861	8.7300	0.54000	9.4003	0.99688	0.34663	64	-0.67	4%	0
004.07	Fiber, ANKOM (%)	0033	8.7400	0.10000	9.4003	0.99688	0.34663	64	-0.66	4%	0
004.07	Fiber, ANKOM (%)	0098	8.7650	0.07000	9.4003	0.99688	0.34663	64	-0.64	3%	0
004.07	Fiber, ANKOM (%)	0646	8.8150	0.19000	9.4003	0.99688	0.34663	64	-0.59	3%	0
004.07	Fiber, ANKOM (%)	0619	8.8300	0.52000	9.4003	0.99688	0.34663	64	-0.57	3%	0
004.07	Fiber, ANKOM (%)	0683	8.8600	0.26000	9.4003	0.99688	0.34663	64	-0.54	3%	0
004.07	Fiber, ANKOM (%)	0035	8.8700	0.52000	9.4003	0.99688	0.34663	64	-0.53	3%	0
004.07	Fiber, ANKOM (%)	0644	8.8880	0.00000	9.4003	0.99688	0.34663	64	-0.51	3%	0
004.07	Fiber, ANKOM (%)	0413	8.9000	0.40000	9.4003	0.99688	0.34663	64	-0.50	3%	0
004.07	Fiber, ANKOM (%)	0297	8.9450	0.81000	9.4003	0.99688	0.34663	64	-0.46	2%	0
004.07	Fiber, ANKOM (%)	0294	9.0000	0.00000	9.4003	0.99688	0.34663	64	-0.40	2%	0
004.07	Fiber, ANKOM (%)	0042	9.0650	0.09000	9.4003	0.99688	0.34663	64	-0.34	2%	0
004.07	Fiber, ANKOM (%)	0708	9.0800	0.10000	9.4003	0.99688	0.34663	64	-0.32	2%	0
004.07	Fiber, ANKOM (%)	0028	9.1500	0.10000	9.4003	0.99688	0.34663	64	-0.25	1%	0
004.07	Fiber, ANKOM (%)	0870	9.1664	0.15890	9.4003	0.99688	0.34663	64	-0.23	1%	0
004.07	Fiber, ANKOM (%)	0581	9.1700	0.02000	9.4003	0.99688	0.34663	64	-0.23	1%	0
004.07	Fiber, ANKOM (%)	0876	9.2650	0.57000	9.4003	0.99688	0.34663	64	-0.14	1%	0
004.07	Fiber, ANKOM (%)	2109	9.2850	0.11000	9.4003	0.99688	0.34663	64	-0.12	1%	0
004.07	Fiber, ANKOM (%)	0643	9.3050	0.31000	9.4003	0.99688	0.34663	64	-0.10	1%	0
004.07	Fiber, ANKOM (%)	0848	9.3100	0.14000	9.4003	0.99688	0.34663	64	-0.09	0%	0
004.07	Fiber, ANKOM (%)	0015	9.3400	0.46000	9.4003	0.99688	0.34663	64	-0.06	0%	0
004.07	Fiber, ANKOM (%)	0278	9.3500	0.10000	9.4003	0.99688	0.34663	64	-0.05	0%	0
004.07	Fiber, ANKOM (%)	0692	9.4000	0.00000	9.4003	0.99688	0.34663	64	0.00	0%	0
004.07	Fiber, ANKOM (%)	0263	9.4600	0.12000	9.4003	0.99688	0.34663	64	0.06	0%	0
004.07	Fiber, ANKOM (%)	0300	9.4800	0.08000	9.4003	0.99688	0.34663	64	0.08	0%	0
004.07	Fiber, ANKOM (%)	0510	9.5000	0.00000	9.4003	0.99688	0.34663	64	0.10	1%	0
004.07	Fiber, ANKOM (%)	0956	9.5000	0.20000	9.4003	0.99688	0.34663	64	0.10	1%	0
004.07	Fiber, ANKOM (%)	0948	9.5150	0.07000	9.4003	0.99688	0.34663	64	0.12	1%	0
004.07	Fiber, ANKOM (%)	0123	9.5200	0.20000	9.4003	0.99688	0.34663	64	0.12	1%	0
004.07	Fiber, ANKOM (%)	0520	9.7000	0.80000	9.4003	0.99688	0.34663	64	0.30	2%	0
004.07	Fiber, ANKOM (%)	0529	9.7850	0.41000	9.4003	0.99688	0.34663	64	0.39	2%	0
004.07	Fiber, ANKOM (%)	0089	9.8950	0.19000	9.4003	0.99688	0.34663	64	0.50	3%	0
004.07	Fiber, ANKOM (%)	0083	9.9450	0.87000	9.4003	0.99688	0.34663	64	0.55	3%	0
004.07	Fiber, ANKOM (%)	0968	10.145	0.51000	9.4003	0.99688	0.34663	64	0.75	4%	0
004.07	Fiber, ANKOM (%)	0229	10.205	0.23000	9.4003	0.99688	0.34663	64	0.81	4%	0
004.07	Fiber, ANKOM (%)	0653	10.345	0.19000	9.4003	0.99688	0.34663	64	0.95	5%	0
004.07	Fiber, ANKOM (%)	0009	10.355	0.25000	9.4003	0.99688	0.34663	64	0.96	5%	0
004.07	Fiber, ANKOM (%)	2146	10.445	0.45000	9.4003	0.99688	0.34663	64	1.05	6%	0
004.07	Fiber, ANKOM (%)	0019	10.450	0.06000	9.4003	0.99688	0.34663	64	1.05	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	
004.07	Fiber, ANKOM (%)	0626	10.575	1.0900	9.4003	0.99688	0.34663	64	1.18	6%	0
004.07	Fiber, ANKOM (%)	0407	10.578	0.04810	9.4003	0.99688	0.34663	64	1.18	6%	0
004.07	Fiber, ANKOM (%)	2009	10.654	0.18760	9.4003	0.99688	0.34663	64	1.26	7%	0
004.07	Fiber, ANKOM (%)	0074	10.740	0.22000	9.4003	0.99688	0.34663	64	1.34	7%	0
004.07	Fiber, ANKOM (%)	0034	10.790	0.66000	9.4003	0.99688	0.34663	64	1.39	7%	0
004.07	Fiber, ANKOM (%)	0066	10.840	0.66000	9.4003	0.99688	0.34663	64	1.44	8%	0
004.07	Fiber, ANKOM (%)	0955	10.900	0.20000	9.4003	0.99688	0.34663	64	1.50	8%	0
004.07	Fiber, ANKOM (%)	0004	11.030	0.10000	9.4003	0.99688	0.34663	64	1.63	9%	0
004.07	Fiber, ANKOM (%)	0144	11.065	0.15000	9.4003	0.99688	0.34663	64	1.67	9%	0
004.07	Fiber, ANKOM (%)	0045	11.300	0.80000	9.4003	0.99688	0.34663	64	1.91	10%	0
004.07	Fiber, ANKOM (%)	0242	11.475	0.31000	9.4003	0.99688	0.34663	64	2.08	11%	0
004.07	Fiber, ANKOM (%)	0598	1,315.0	40.000	9.4003	0.99688	0.34663	64	1309.69	6944%	2
004.11	Fiber, NIR (%)	2121	7.6050	0.65000	8.5897	0.87552	0.20429	7	-1.12	6%	0
004.11	Fiber, NIR (%)	2120	7.9700	0.58000	8.5897	0.87552	0.20429	7	-0.71	4%	0
004.11	Fiber, NIR (%)	0720	8.1500	0.10000	8.5897	0.87552	0.20429	7	-0.50	3%	0
004.11	Fiber, NIR (%)	0852	8.6000	0.04000	8.5897	0.87552	0.20429	7	0.01	0%	0
004.11	Fiber, NIR (%)	0011	8.8000	0.00000	8.5897	0.87552	0.20429	7	0.24	1%	0
004.11	Fiber, NIR (%)	0889	9.1000	0.04000	8.5897	0.87552	0.20429	7	0.58	3%	0
004.11	Fiber, NIR (%)	2105	12.900	0.02000	8.5897	0.87552	0.20429	7	4.92	25%	0
004.99	Fiber, Miscellaneous (%)	2145	7.8800	0.14000	8.3038	0.37084	0.09250	4			0
004.99	Fiber, Miscellaneous (%)	2144	8.2100	0.08000	8.3038	0.37084	0.09250	4			0
004.99	Fiber, Miscellaneous (%)	0610	8.3500	0.10000	8.3038	0.37084	0.09250	4			0
004.99	Fiber, Miscellaneous (%)	0629	8.7750	0.05000	8.3038	0.37084	0.09250	4			0
004.99	Fiber, Miscellaneous (%)	0940	8.7750	0.67000	8.3038	0.37084	0.09250	4			1
005.00	Ash, 2h @ 600°C (%)	0017	10.850	0.10000	13.518	0.41679	0.11887	92	-6.40	10%	0
005.00	Ash, 2h @ 600°C (%)	0019	12.660	0.08000	13.518	0.41679	0.11887	92	-2.06	3%	0
005.00	Ash, 2h @ 600°C (%)	0539	12.665	0.17000	13.518	0.41679	0.11887	92	-2.05	3%	0
005.00	Ash, 2h @ 600°C (%)	0169	12.680	0.02000	13.518	0.41679	0.11887	92	-2.01	3%	0
005.00	Ash, 2h @ 600°C (%)	0278	12.720	0.12000	13.518	0.41679	0.11887	92	-1.92	3%	0
005.00	Ash, 2h @ 600°C (%)	0596	12.720	0.02000	13.518	0.41679	0.11887	92	-1.92	3%	0
005.00	Ash, 2h @ 600°C (%)	0208	12.750	0.30000	13.518	0.41679	0.11887	92	-1.84	3%	0
005.00	Ash, 2h @ 600°C (%)	0148	12.770	0.04000	13.518	0.41679	0.11887	92	-1.80	3%	0
005.00	Ash, 2h @ 600°C (%)	0049	12.780	0.06000	13.518	0.41679	0.11887	92	-1.77	3%	0
005.00	Ash, 2h @ 600°C (%)	2022	12.815	0.03000	13.518	0.41679	0.11887	92	-1.69	3%	0
005.00	Ash, 2h @ 600°C (%)	0541	12.860	0.24000	13.518	0.41679	0.11887	92	-1.58	2%	0
005.00	Ash, 2h @ 600°C (%)	2053	12.910	0.10000	13.518	0.41679	0.11887	92	-1.46	2%	0
005.00	Ash, 2h @ 600°C (%)	0650	12.935	0.11000	13.518	0.41679	0.11887	92	-1.40	2%	0
005.00	Ash, 2h @ 600°C (%)	2073	12.975	0.07000	13.518	0.41679	0.11887	92	-1.30	2%	0
005.00	Ash, 2h @ 600°C (%)	0511	13.010	0.04000	13.518	0.41679	0.11887	92	-1.22	2%	0
005.00	Ash, 2h @ 600°C (%)	0876	13.075	0.01000	13.518	0.41679	0.11887	92	-1.06	2%	0
005.00	Ash, 2h @ 600°C (%)	0027	13.139	0.07000	13.518	0.41679	0.11887	92	-0.91	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 (%)	2068	13.160	0.04000	13.518	0.41679	0.11887	92	-0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	13.170	0.44000	13.518	0.41679	0.11887	92	-0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	13.180	0.20000	13.518	0.41679	0.11887	92	-0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	13.185	0.07000	13.518	0.41679	0.11887	92	-0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	13.200	0.00000	13.518	0.41679	0.11887	92	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	13.240	0.12000	13.518	0.41679	0.11887	92	-0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	13.243	0.02140	13.518	0.41679	0.11887	92	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	13.250	0.00000	13.518	0.41679	0.11887	92	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	13.260	0.16000	13.518	0.41679	0.11887	92	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0199	13.310	0.02000	13.518	0.41679	0.11887	92	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	13.330	0.14000	13.518	0.41679	0.11887	92	-0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	13.355	0.03000	13.518	0.41679	0.11887	92	-0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	0205	13.385	0.01000	13.518	0.41679	0.11887	92	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0038	13.410	0.10000	13.518	0.41679	0.11887	92	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	13.450	0.10000	13.518	0.41679	0.11887	92	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	13.457	0.25500	13.518	0.41679	0.11887	92	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0874	13.470	0.12000	13.518	0.41679	0.11887	92	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0226	13.475	0.11000	13.518	0.41679	0.11887	92	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	13.484	0.08000	13.518	0.41679	0.11887	92	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	13.490	0.04000	13.518	0.41679	0.11887	92	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0845	13.505	0.47000	13.518	0.41679	0.11887	92	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	13.510	0.18000	13.518	0.41679	0.11887	92	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	13.515	0.01000	13.518	0.41679	0.11887	92	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	13.515	0.03000	13.518	0.41679	0.11887	92	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	13.525	0.03000	13.518	0.41679	0.11887	92	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0623	13.527	0.07400	13.518	0.41679	0.11887	92	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	13.560	0.08000	13.518	0.41679	0.11887	92	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	13.580	0.08000	13.518	0.41679	0.11887	92	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	13.590	0.06000	13.518	0.41679	0.11887	92	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0512	13.590	0.24000	13.518	0.41679	0.11887	92	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	13.591	0.01510	13.518	0.41679	0.11887	92	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	13.595	0.09000	13.518	0.41679	0.11887	92	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	13.600	0.02000	13.518	0.41679	0.11887	92	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	13.610	0.04000	13.518	0.41679	0.11887	92	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	13.610	0.48000	13.518	0.41679	0.11887	92	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	13.615	0.17000	13.518	0.41679	0.11887	92	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	13.624	0.05660	13.518	0.41679	0.11887	92	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	13.650	0.06000	13.518	0.41679	0.11887	92	0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0034	13.675	0.33000	13.518	0.41679	0.11887	92	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	13.685	0.33000	13.518	0.41679	0.11887	92	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0653	13.685	0.27000	13.518	0.41679	0.11887	92	0.40	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 (%)	0674	13.690	0.00000	13.518	0.41679	0.11887	92	0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	13.710	0.20000	13.518	0.41679	0.11887	92	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	13.715	0.25000	13.518	0.41679	0.11887	92	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	13.725	0.23000	13.518	0.41679	0.11887	92	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	13.730	0.18000	13.518	0.41679	0.11887	92	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	13.730	0.08000	13.518	0.41679	0.11887	92	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	13.740	0.00000	13.518	0.41679	0.11887	92	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0033	13.750	0.10000	13.518	0.41679	0.11887	92	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	13.750	0.10000	13.518	0.41679	0.11887	92	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	13.750	0.12000	13.518	0.41679	0.11887	92	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	13.759	0.33880	13.518	0.41679	0.11887	92	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	13.780	0.08000	13.518	0.41679	0.11887	92	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	13.785	0.13000	13.518	0.41679	0.11887	92	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	2012	13.785	0.07000	13.518	0.41679	0.11887	92	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	13.800	0.12000	13.518	0.41679	0.11887	92	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	13.850	0.10000	13.518	0.41679	0.11887	92	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	13.860	0.02000	13.518	0.41679	0.11887	92	0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	13.860	0.04000	13.518	0.41679	0.11887	92	0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	13.866	0.05060	13.518	0.41679	0.11887	92	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	13.880	0.16000	13.518	0.41679	0.11887	92	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	13.900	0.20000	13.518	0.41679	0.11887	92	0.92	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	13.905	0.11000	13.518	0.41679	0.11887	92	0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	13.928	0.02810	13.518	0.41679	0.11887	92	0.98	2%	0
005.00	Ash, 2h @ 600°C (%)	0848	13.930	0.00000	13.518	0.41679	0.11887	92	0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0552	13.945	0.15000	13.518	0.41679	0.11887	92	1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0630	13.945	0.31000	13.518	0.41679	0.11887	92	1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0139	14.045	0.25000	13.518	0.41679	0.11887	92	1.26	2%	0
005.00	Ash, 2h @ 600°C (%)	0615	14.055	0.11000	13.518	0.41679	0.11887	92	1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	14.061	0.21600	13.518	0.41679	0.11887	92	1.30	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	14.150	0.10000	13.518	0.41679	0.11887	92	1.52	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	14.200	0.20000	13.518	0.41679	0.11887	92	1.64	3%	0
005.00	Ash, 2h @ 600°C (%)	0187	14.320	0.00000	13.518	0.41679	0.11887	92	1.92	3%	0
005.00	Ash, 2h @ 600°C (%)	0948	14.380	0.04000	13.518	0.41679	0.11887	92	2.07	3%	0
005.00	Ash, 2h @ 600°C (%)	0357	14.550	0.10000	13.518	0.41679	0.11887	92	2.48	4%	0
005.00	Ash, 2h @ 600°C (%)	0297	13.250	0.70000	13.518	0.41679	0.11887	92	-0.64	1%	1
005.00	Ash, 2h @ 600°C (%)	1019	3.8400	0.14000	13.518	0.41679	0.11887	92	-23.22	36%	2
005.02	Ash, LECO (%)	2075	12.725	0.01000				2			0
005.02	Ash, LECO (%)	0644	14.110	0.08000				2			0
005.03	Ash, Microwave furnace (%)	0912	13.100	0.20000				1			0
005.05	Ash, 3h @ 550°C (%)	0889	12.780	0.06000	13.915	0.42273	0.11378	31	-2.69	4%	0
005.05	Ash, 3h @ 550°C (%)	0849	13.292	0.06400	13.915	0.42273	0.11378	31	-1.47	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	
005.05	Ash, 3h @ 550°C (%)	0726	13.315	0.03000	13.915	0.42273	0.11378	31	-1.42	2%	0
005.05	Ash, 3h @ 550°C (%)	0683	13.380	0.28000	13.915	0.42273	0.11378	31	-1.27	2%	0
005.05	Ash, 3h @ 550°C (%)	0413	13.400	0.40000	13.915	0.42273	0.11378	31	-1.22	2%	0
005.05	Ash, 3h @ 550°C (%)	0066	13.485	0.25000	13.915	0.42273	0.11378	31	-1.02	2%	0
005.05	Ash, 3h @ 550°C (%)	0845	13.505	0.47000	13.915	0.42273	0.11378	31	-0.97	1%	0
005.05	Ash, 3h @ 550°C (%)	0893	13.650	0.00000	13.915	0.42273	0.11378	31	-0.63	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	13.710	0.02000	13.915	0.42273	0.11378	31	-0.49	1%	0
005.05	Ash, 3h @ 550°C (%)	2109	13.780	0.06000	13.915	0.42273	0.11378	31	-0.32	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	13.820	0.05000	13.915	0.42273	0.11378	31	-0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0695	13.846	0.06900	13.915	0.42273	0.11378	31	-0.16	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	13.860	0.06000	13.915	0.42273	0.11378	31	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	13.910	0.06000	13.915	0.42273	0.11378	31	-0.01	0%	0
005.05	Ash, 3h @ 550°C (%)	0941	13.925	0.09000	13.915	0.42273	0.11378	31	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	13.950	0.10000	13.915	0.42273	0.11378	31	0.08	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	13.975	0.15000	13.915	0.42273	0.11378	31	0.14	0%	0
005.05	Ash, 3h @ 550°C (%)	0955	14.000	0.20000	13.915	0.42273	0.11378	31	0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	14.025	0.00150	13.915	0.42273	0.11378	31	0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	14.050	0.10000	13.915	0.42273	0.11378	31	0.32	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	14.060	0.12000	13.915	0.42273	0.11378	31	0.34	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	14.100	0.14000	13.915	0.42273	0.11378	31	0.44	1%	0
005.05	Ash, 3h @ 550°C (%)	0895	14.125	0.01000	13.915	0.42273	0.11378	31	0.50	1%	0
005.05	Ash, 3h @ 550°C (%)	2149	14.150	0.02000	13.915	0.42273	0.11378	31	0.56	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	14.212	0.10280	13.915	0.42273	0.11378	31	0.70	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	14.230	0.02000	13.915	0.42273	0.11378	31	0.74	1%	0
005.05	Ash, 3h @ 550°C (%)	0152	14.255	0.05000	13.915	0.42273	0.11378	31	0.80	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	14.465	0.07000	13.915	0.42273	0.11378	31	1.30	2%	0
005.05	Ash, 3h @ 550°C (%)	0190	14.515	0.03000	13.915	0.42273	0.11378	31	1.42	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	14.630	0.42000	13.915	0.42273	0.11378	31	1.69	3%	0
005.05	Ash, 3h @ 550°C (%)	0720	14.795	0.03000	13.915	0.42273	0.11378	31	2.08	3%	0
005.05	Ash, 3h @ 550°C (%)	0940	13.285	1.0300	13.915	0.42273	0.11378	31	-1.49	2%	1
005.05	Ash, 3h @ 550°C (%)	0692	13.450	0.90000	13.915	0.42273	0.11378	31	-1.10	2%	1
005.11	Ash, NIR (%)	0852	7.7850	0.19000	12.171	3.7658	0.32429	7	-1.16	18%	0
005.11	Ash, NIR (%)	2105	8.3550	0.21000	12.171	3.7658	0.32429	7	-1.01	16%	0
005.11	Ash, NIR (%)	0889	11.930	0.04000	12.171	3.7658	0.32429	7	-0.06	1%	0
005.11	Ash, NIR (%)	0720	12.350	0.28000	12.171	3.7658	0.32429	7	0.05	1%	0
005.11	Ash, NIR (%)	0297	12.435	0.51000	12.171	3.7658	0.32429	7	0.07	1%	0
005.11	Ash, NIR (%)	2120	15.835	0.51000	12.171	3.7658	0.32429	7	0.97	15%	0
005.11	Ash, NIR (%)	2121	16.505	0.53000	12.171	3.7658	0.32429	7	1.15	18%	0
005.99	Ash, Miscellaneous (%)	0629	13.445	0.03000	13.954	0.26083	0.07800	10	-1.95	2%	0
005.99	Ash, Miscellaneous (%)	0574	13.680	0.02000	13.954	0.26083	0.07800	10	-1.05	1%	0
005.99	Ash, Miscellaneous (%)	0003	13.760	0.10000	13.954	0.26083	0.07800	10	-0.74	1%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.99	Ash, Miscellaneous (%)	0884	13.900	0.00000	13.954	0.26083	0.07800	10	-0.21	0%	0
005.99	Ash, Miscellaneous (%)	2144	13.970	0.02000	13.954	0.26083	0.07800	10	0.06	0%	0
005.99	Ash, Miscellaneous (%)	0676	14.025	0.13000	13.954	0.26083	0.07800	10	0.27	0%	0
005.99	Ash, Miscellaneous (%)	2004	14.050	0.10000	13.954	0.26083	0.07800	10	0.37	0%	0
005.99	Ash, Miscellaneous (%)	2145	14.140	0.28000	13.954	0.26083	0.07800	10	0.71	1%	0
005.99	Ash, Miscellaneous (%)	0652	14.150	0.10000	13.954	0.26083	0.07800	10	0.75	1%	0
005.99	Ash, Miscellaneous (%)	0910	14.300	0.00000	13.954	0.26083	0.07800	10	1.33	1%	0
006.00	Total sugars, As sucrose (%)	0921	0.32500	0.15000				2			0
006.00	Total sugars, As sucrose (%)	0910	3.3050	0.19000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	3.8100	0.26000				1			0
006.99	Total sugars, Miscellaneous (%)	0096	2.0165	0.26390				3			0
006.99	Total sugars, Miscellaneous (%)	0956	4.2000	1.0000				3			0
006.99	Total sugars, Miscellaneous (%)	0720	4.3200	0.04000				3			0
008.02	Fiber, Acid Detergent (%)	0226	9.3850	0.07000	11.764	0.98995	0.20061	14	-2.40	10%	0
008.02	Fiber, Acid Detergent (%)	0590	10.450	0.30000	11.764	0.98995	0.20061	14	-1.33	6%	0
008.02	Fiber, Acid Detergent (%)	0504	11.095	0.03000	11.764	0.98995	0.20061	14	-0.68	3%	0
008.02	Fiber, Acid Detergent (%)	0939	11.115	0.19000	11.764	0.98995	0.20061	14	-0.66	3%	0
008.02	Fiber, Acid Detergent (%)	0948	11.505	0.41000	11.764	0.98995	0.20061	14	-0.26	1%	0
008.02	Fiber, Acid Detergent (%)	0676	11.680	0.18000	11.764	0.98995	0.20061	14	-0.08	0%	0
008.02	Fiber, Acid Detergent (%)	0098	11.710	0.06000	11.764	0.98995	0.20061	14	-0.05	0%	0
008.02	Fiber, Acid Detergent (%)	0345	11.800	0.20000	11.764	0.98995	0.20061	14	0.04	0%	0
008.02	Fiber, Acid Detergent (%)	0148	11.985	0.01000	11.764	0.98995	0.20061	14	0.22	1%	0
008.02	Fiber, Acid Detergent (%)	0675	12.130	0.00000	11.764	0.98995	0.20061	14	0.37	2%	0
008.02	Fiber, Acid Detergent (%)	0208	12.150	0.10000	11.764	0.98995	0.20061	14	0.39	2%	0
008.02	Fiber, Acid Detergent (%)	0309	12.299	0.64850	11.764	0.98995	0.20061	14	0.54	2%	0
008.02	Fiber, Acid Detergent (%)	0187	13.740	0.18000	11.764	0.98995	0.20061	14	2.00	8%	0
008.02	Fiber, Acid Detergent (%)	0353	13.905	0.43000	11.764	0.98995	0.20061	14	2.16	9%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	12.100	1.6000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	10.050	0.30000	11.529	0.70300	0.27549	40	-2.10	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	10.400	0.00000	11.529	0.70300	0.27549	40	-1.61	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0042	10.595	0.59000	11.529	0.70300	0.27549	40	-1.33	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	10.670	0.26000	11.529	0.70300	0.27549	40	-1.22	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	10.700	0.00000	11.529	0.70300	0.27549	40	-1.18	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	10.750	0.50000	11.529	0.70300	0.27549	40	-1.11	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0848	10.870	0.18000	11.529	0.70300	0.27549	40	-0.94	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2129	10.900	0.42000	11.529	0.70300	0.27549	40	-0.89	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	10.910	0.42000	11.529	0.70300	0.27549	40	-0.88	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	11.050	0.10000	11.529	0.70300	0.27549	40	-0.68	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	11.075	0.65000	11.529	0.70300	0.27549	40	-0.65	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0653	11.130	0.20000	11.529	0.70300	0.27549	40	-0.57	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0878	11.140	0.10000	11.529	0.70300	0.27549	40	-0.55	2%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	11.230	0.50000	11.529	0.70300	0.27549	40	-0.42	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	11.250	0.10000	11.529	0.70300	0.27549	40	-0.40	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	11.305	0.59360	11.529	0.70300	0.27549	40	-0.32	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	11.310	0.62000	11.529	0.70300	0.27549	40	-0.31	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	11.365	0.51000	11.529	0.70300	0.27549	40	-0.23	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	11.403	0.00660	11.529	0.70300	0.27549	40	-0.18	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	11.435	0.27000	11.529	0.70300	0.27549	40	-0.13	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	11.480	0.42000	11.529	0.70300	0.27549	40	-0.07	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	11.555	0.07000	11.529	0.70300	0.27549	40	0.04	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	11.680	0.00500	11.529	0.70300	0.27549	40	0.21	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	11.690	0.12000	11.529	0.70300	0.27549	40	0.23	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	11.850	0.30000	11.529	0.70300	0.27549	40	0.46	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	11.899	0.79950	11.529	0.70300	0.27549	40	0.53	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	11.925	0.63000	11.529	0.70300	0.27549	40	0.56	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	11.950	0.50000	11.529	0.70300	0.27549	40	0.60	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	11.950	0.50000	11.529	0.70300	0.27549	40	0.60	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0592	11.975	0.01000	11.529	0.70300	0.27549	40	0.63	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	12.000	0.20000	11.529	0.70300	0.27549	40	0.67	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	12.075	0.17000	11.529	0.70300	0.27549	40	0.78	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	12.205	0.11000	11.529	0.70300	0.27549	40	0.96	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	12.245	0.01000	11.529	0.70300	0.27549	40	1.02	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	12.255	0.05000	11.529	0.70300	0.27549	40	1.03	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	12.275	0.13000	11.529	0.70300	0.27549	40	1.06	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	12.350	0.30000	11.529	0.70300	0.27549	40	1.17	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	12.950	0.30000	11.529	0.70300	0.27549	40	2.02	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	13.000	0.00000	11.529	0.70300	0.27549	40	2.09	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	15.262	0.07500	11.529	0.70300	0.27549	40	5.31	16%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	9.5800	0.36000	11.708	1.3228	0.28400	5			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	11.750	0.50000	11.708	1.3228	0.28400	5			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0610	11.750	0.10000	11.708	1.3228	0.28400	5			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0941	12.295	0.09000	11.708	1.3228	0.28400	5			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0035	13.165	0.37000	11.708	1.3228	0.28400	5			0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	23.780	1.5200				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0910	22.450	0.70000	25.724	1.4602	0.41140	14	-2.24	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	24.050	1.1000	25.724	1.4602	0.41140	14	-1.15	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	2068	24.720	0.12000	25.724	1.4602	0.41140	14	-0.69	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	2022	24.895	0.09000	25.724	1.4602	0.41140	14	-0.57	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	25.215	0.33000	25.724	1.4602	0.41140	14	-0.35	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0345	25.250	0.30000	25.724	1.4602	0.41140	14	-0.32	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0590	25.300	0.60000	25.724	1.4602	0.41140	14	-0.29	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	25.635	0.03000	25.724	1.4602	0.41140	14	-0.06	0%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	26.215	0.15000	25.724	1.4602	0.41140	14	0.34	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	26.245	0.53000	25.724	1.4602	0.41140	14	0.36	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	26.260	0.20000	25.724	1.4602	0.41140	14	0.37	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0610	27.300	1.2000	25.724	1.4602	0.41140	14	1.08	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	27.597	0.00960	25.724	1.4602	0.41140	14	1.28	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0208	28.500	0.40000	25.724	1.4602	0.41140	14	1.90	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	22.100	0.40000	24.587	1.2841	0.40405	43	-1.94	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	22.700	0.60000	24.587	1.2841	0.40405	43	-1.47	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	22.975	0.89000	24.587	1.2841	0.40405	43	-1.26	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	23.180	0.16000	24.587	1.2841	0.40405	43	-1.10	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	23.300	1.0000	24.587	1.2841	0.40405	43	-1.00	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	23.350	0.50000	24.587	1.2841	0.40405	43	-0.96	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	23.395	0.13000	24.587	1.2841	0.40405	43	-0.93	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0358	23.435	0.65000	24.587	1.2841	0.40405	43	-0.90	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	23.500	0.40000	24.587	1.2841	0.40405	43	-0.85	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2129	23.545	0.05000	24.587	1.2841	0.40405	43	-0.81	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	23.563	0.04660	24.587	1.2841	0.40405	43	-0.80	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	23.565	0.07000	24.587	1.2841	0.40405	43	-0.80	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	23.714	0.23220	24.587	1.2841	0.40405	43	-0.68	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	23.725	0.51000	24.587	1.2841	0.40405	43	-0.67	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	23.795	0.43000	24.587	1.2841	0.40405	43	-0.62	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	23.805	0.19000	24.587	1.2841	0.40405	43	-0.61	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	23.910	1.2200	24.587	1.2841	0.40405	43	-0.53	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	24.100	0.00000	24.587	1.2841	0.40405	43	-0.38	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0878	24.110	0.36000	24.587	1.2841	0.40405	43	-0.37	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	24.150	0.70000	24.587	1.2841	0.40405	43	-0.34	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	24.655	0.37000	24.587	1.2841	0.40405	43	0.05	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	24.865	0.11000	24.587	1.2841	0.40405	43	0.22	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2022	24.895	0.09000	24.587	1.2841	0.40405	43	0.24	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0190	24.950	0.20000	24.587	1.2841	0.40405	43	0.28	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	25.020	0.06000	24.587	1.2841	0.40405	43	0.34	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	25.047	0.95250	24.587	1.2841	0.40405	43	0.36	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0592	25.130	0.46000	24.587	1.2841	0.40405	43	0.42	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0366	25.150	0.10000	24.587	1.2841	0.40405	43	0.44	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	25.205	0.23000	24.587	1.2841	0.40405	43	0.48	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	25.244	0.05300	24.587	1.2841	0.40405	43	0.51	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	25.295	0.73000	24.587	1.2841	0.40405	43	0.55	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	25.350	0.10000	24.587	1.2841	0.40405	43	0.59	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0885	25.386	0.43200	24.587	1.2841	0.40405	43	0.62	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	25.400	0.00000	24.587	1.2841	0.40405	43	0.63	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0726	25.445	0.07000	24.587	1.2841	0.40405	43	0.67	2%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, ANKOM (%)	0848	25.470	1.0200	24.587	1.2841	0.40405	43	0.69	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	25.550	0.10000	24.587	1.2841	0.40405	43	0.75	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	26.195	1.6300	24.587	1.2841	0.40405	43	1.25	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	26.450	0.30000	24.587	1.2841	0.40405	43	1.45	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0653	26.520	0.40000	24.587	1.2841	0.40405	43	1.51	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	26.560	0.12000	24.587	1.2841	0.40405	43	1.54	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	27.211	0.32600	24.587	1.2841	0.40405	43	2.04	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	27.397	0.98200	24.587	1.2841	0.40405	43	2.19	6%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	19.640	0.36000				3			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	25.580	0.02000				3			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0941	26.950	0.30000				3			0
009.99	Fiber, Neutral Det Miscellaneous (%)	2105	20.780	3.0400				3			1
010.03	Moisture, Karl-Fischer (%)	0843	7.8500	0.84000				2			0
010.03	Moisture, Karl-Fischer (%)	0208	8.7800	0.08000				2			0
010.11	Moisture, NIR (%)	2105	7.9000	0.12000	8.8940	0.39991	0.12667	6	-2.49	6%	0
010.11	Moisture, NIR (%)	2120	8.7650	0.15000	8.8940	0.39991	0.12667	6	-0.32	1%	0
010.11	Moisture, NIR (%)	0720	8.8950	0.07000	8.8940	0.39991	0.12667	6	0.00	0%	0
010.11	Moisture, NIR (%)	2121	8.9250	0.23000	8.8940	0.39991	0.12667	6	0.08	0%	0
010.11	Moisture, NIR (%)	0889	9.2150	0.01000	8.8940	0.39991	0.12667	6	0.80	2%	0
010.11	Moisture, NIR (%)	0852	9.2700	0.18000	8.8940	0.39991	0.12667	6	0.94	2%	0
010.99	Moisture, Miscellaneous (%)	0722	8.4177	0.19190	8.9306	0.44660	0.08104	22	-1.15	3%	0
010.99	Moisture, Miscellaneous (%)	0028	8.4200	0.18000	8.9306	0.44660	0.08104	22	-1.14	3%	0
010.99	Moisture, Miscellaneous (%)	2144	8.4700	0.02000	8.9306	0.44660	0.08104	22	-1.03	3%	0
010.99	Moisture, Miscellaneous (%)	2129	8.5200	0.14000	8.9306	0.44660	0.08104	22	-0.92	2%	0
010.99	Moisture, Miscellaneous (%)	0964	8.5695	0.06100	8.9306	0.44660	0.08104	22	-0.81	2%	0
010.99	Moisture, Miscellaneous (%)	2145	8.6050	0.07000	8.9306	0.44660	0.08104	22	-0.73	2%	0
010.99	Moisture, Miscellaneous (%)	0948	8.6250	0.19000	8.9306	0.44660	0.08104	22	-0.68	2%	0
010.99	Moisture, Miscellaneous (%)	0939	8.7150	0.03000	8.9306	0.44660	0.08104	22	-0.48	1%	0
010.99	Moisture, Miscellaneous (%)	2089	8.7750	0.17000	8.9306	0.44660	0.08104	22	-0.35	1%	0
010.99	Moisture, Miscellaneous (%)	0884	8.8000	0.20000	8.9306	0.44660	0.08104	22	-0.29	1%	0
010.99	Moisture, Miscellaneous (%)	0917	8.8000	0.00000	8.9306	0.44660	0.08104	22	-0.29	1%	0
010.99	Moisture, Miscellaneous (%)	0952	8.8500	0.00000	8.9306	0.44660	0.08104	22	-0.18	0%	0
010.99	Moisture, Miscellaneous (%)	2004	8.9750	0.11000	8.9306	0.44660	0.08104	22	0.10	0%	0
010.99	Moisture, Miscellaneous (%)	0652	9.0000	0.00000	8.9306	0.44660	0.08104	22	0.16	0%	0
010.99	Moisture, Miscellaneous (%)	2076	9.0400	0.08000	8.9306	0.44660	0.08104	22	0.24	1%	0
010.99	Moisture, Miscellaneous (%)	0921	9.1450	0.03000	8.9306	0.44660	0.08104	22	0.48	1%	0
010.99	Moisture, Miscellaneous (%)	0190	9.1600	0.04000	8.9306	0.44660	0.08104	22	0.51	1%	0
010.99	Moisture, Miscellaneous (%)	2150	9.2900	0.14000	8.9306	0.44660	0.08104	22	0.80	2%	0
010.99	Moisture, Miscellaneous (%)	0726	9.4950	0.01000	8.9306	0.44660	0.08104	22	1.26	3%	0
010.99	Moisture, Miscellaneous (%)	2127	9.7800	0.08000	8.9306	0.44660	0.08104	22	1.90	5%	0
010.99	Moisture, Miscellaneous (%)	0529	9.7850	0.01000	8.9306	0.44660	0.08104	22	1.91	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	
010.99	Moisture, Miscellaneous (%)	0405	10.395	0.03000	8.9306	0.44660	0.08104	22	3.28	8%	0
010.99	Moisture, Miscellaneous (%)	0692	8.5500	0.50000	8.9306	0.44660	0.08104	22	-0.85	2%	1
011.01	Loss on Drying, 135°C 2hr (%)	0345	8.3950	0.05000	9.5157	0.27600	0.10460	63	-4.06	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	8.4500	0.10000	9.5157	0.27600	0.10460	63	-3.86	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	8.4750	0.05000	9.5157	0.27600	0.10460	63	-3.77	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	8.8250	0.05000	9.5157	0.27600	0.10460	63	-2.50	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	8.9350	0.13000	9.5157	0.27600	0.10460	63	-2.10	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	8.9450	0.11000	9.5157	0.27600	0.10460	63	-2.07	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.0500	0.10000	9.5157	0.27600	0.10460	63	-1.69	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	9.0900	0.06000	9.5157	0.27600	0.10460	63	-1.54	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.1500	0.06000	9.5157	0.27600	0.10460	63	-1.32	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	9.2050	0.15000	9.5157	0.27600	0.10460	63	-1.13	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	9.2350	0.23000	9.5157	0.27600	0.10460	63	-1.02	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	9.2352	0.23280	9.5157	0.27600	0.10460	63	-1.02	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.2535	0.01300	9.5157	0.27600	0.10460	63	-0.95	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	9.2850	0.33000	9.5157	0.27600	0.10460	63	-0.84	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	9.3485	0.14500	9.5157	0.27600	0.10460	63	-0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	9.3550	0.03000	9.5157	0.27600	0.10460	63	-0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	9.4050	0.21000	9.5157	0.27600	0.10460	63	-0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.4095	0.00000	9.5157	0.27600	0.10460	63	-0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	9.4300	0.00000	9.5157	0.27600	0.10460	63	-0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.4300	0.12000	9.5157	0.27600	0.10460	63	-0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	9.4350	0.01000	9.5157	0.27600	0.10460	63	-0.29	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	9.4500	0.02000	9.5157	0.27600	0.10460	63	-0.24	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.4650	0.21000	9.5157	0.27600	0.10460	63	-0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	9.4700	0.14000	9.5157	0.27600	0.10460	63	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	9.4700	0.06000	9.5157	0.27600	0.10460	63	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	9.4950	0.09000	9.5157	0.27600	0.10460	63	-0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	9.4950	0.11000	9.5157	0.27600	0.10460	63	-0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	9.5000	0.34000	9.5157	0.27600	0.10460	63	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	9.5000	0.12000	9.5157	0.27600	0.10460	63	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	9.5000	0.00000	9.5157	0.27600	0.10460	63	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	9.5150	0.05000	9.5157	0.27600	0.10460	63	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	9.5150	0.17000	9.5157	0.27600	0.10460	63	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0955	9.5300	0.28000	9.5157	0.27600	0.10460	63	0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	9.5517	0.05810	9.5157	0.27600	0.10460	63	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	9.5650	0.07000	9.5157	0.27600	0.10460	63	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	9.5690	0.10000	9.5157	0.27600	0.10460	63	0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	9.5750	0.17000	9.5157	0.27600	0.10460	63	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0615	9.6050	0.17000	9.5157	0.27600	0.10460	63	0.32	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	9.6050	0.01000	9.5157	0.27600	0.10460	63	0.32	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	0066	9.6250	0.07000	9.5157	0.27600	0.10460	63	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.6350	0.19000	9.5157	0.27600	0.10460	63	0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	9.6400	0.12000	9.5157	0.27600	0.10460	63	0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	9.6450	0.07000	9.5157	0.27600	0.10460	63	0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.6550	0.19000	9.5157	0.27600	0.10460	63	0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	9.6600	0.04000	9.5157	0.27600	0.10460	63	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	9.6650	0.07000	9.5157	0.27600	0.10460	63	0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	9.6700	0.12000	9.5157	0.27600	0.10460	63	0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	9.6800	0.06000	9.5157	0.27600	0.10460	63	0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	9.6811	0.01910	9.5157	0.27600	0.10460	63	0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.7000	0.00000	9.5157	0.27600	0.10460	63	0.67	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	9.7086	0.00190	9.5157	0.27600	0.10460	63	0.70	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	9.7250	0.17000	9.5157	0.27600	0.10460	63	0.76	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	9.7400	0.00000	9.5157	0.27600	0.10460	63	0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	9.7400	0.16000	9.5157	0.27600	0.10460	63	0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	9.8000	0.10000	9.5157	0.27600	0.10460	63	1.03	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	9.8300	0.16000	9.5157	0.27600	0.10460	63	1.14	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	9.8450	0.01000	9.5157	0.27600	0.10460	63	1.19	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	9.8600	0.02000	9.5157	0.27600	0.10460	63	1.25	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	9.9000	0.40000	9.5157	0.27600	0.10460	63	1.39	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	9.9950	0.09000	9.5157	0.27600	0.10460	63	1.74	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	9.9950	0.11000	9.5157	0.27600	0.10460	63	1.74	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	10.010	0.02000	9.5157	0.27600	0.10460	63	1.79	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	10.025	0.05000	9.5157	0.27600	0.10460	63	1.85	3%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	2075	8.9600	0.06000	9.4375	0.43849	0.19500	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	9.2750	0.25000	9.4375	0.43849	0.19500	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	9.5150	0.03000	9.4375	0.43849	0.19500	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0843	10.000	0.44000	9.4375	0.43849	0.19500	4			0
011.99	Loss on Drying, High Temp. Methods Miscellaneo	0852	9.7800	0.24000				1			0
012.00	Starch, Polarimetric (Ewers) (%)	0689	19.550	0.30000	20.642	0.60912	0.18837	11	-1.79	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	20.070	0.46000	20.642	0.60912	0.18837	11	-0.94	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	20.450	0.10000	20.642	0.60912	0.18837	11	-0.32	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	20.450	0.10000	20.642	0.60912	0.18837	11	-0.32	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	20.450	0.10000	20.642	0.60912	0.18837	11	-0.32	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	20.460	0.06000	20.642	0.60912	0.18837	11	-0.30	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	20.625	0.03000	20.642	0.60912	0.18837	11	-0.03	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	20.760	0.22000	20.642	0.60912	0.18837	11	0.19	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	21.250	0.10000	20.642	0.60912	0.18837	11	1.00	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	21.320	0.00210	20.642	0.60912	0.18837	11	1.11	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	21.500	0.60000	20.642	0.60912	0.18837	11	1.41	2%	0
012.01	Starch, Megazyme (%)	0918	12.980	0.53500	18.759	1.2842	0.60676	9	-4.50	15%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
012.01	Starch, Megazyme (%)	0693	17.650	1.9000	18.759	1.2842	0.60676	9	-0.86	3%	0
012.01	Starch, Megazyme (%)	0956	17.900	0.20000	18.759	1.2842	0.60676	9	-0.67	2%	0
012.01	Starch, Megazyme (%)	0045	18.450	0.70000	18.759	1.2842	0.60676	9	-0.24	1%	0
012.01	Starch, Megazyme (%)	0676	19.060	0.36000	18.759	1.2842	0.60676	9	0.23	1%	0
012.01	Starch, Megazyme (%)	2004	19.300	1.2000	18.759	1.2842	0.60676	9	0.42	1%	0
012.01	Starch, Megazyme (%)	0870	19.641	0.16580	18.759	1.2842	0.60676	9	0.69	2%	0
012.01	Starch, Megazyme (%)	0265	19.650	0.30000	18.759	1.2842	0.60676	9	0.69	2%	0
012.01	Starch, Megazyme (%)	0164	20.350	0.10000	18.759	1.2842	0.60676	9	1.24	4%	0
012.03	Starch, Enzymatic (%)	0098	18.650	1.1000	19.264	0.66050	0.81250	4			0
012.03	Starch, Enzymatic (%)	0297	18.830	1.0000	19.264	0.66050	0.81250	4			0
012.03	Starch, Enzymatic (%)	0407	19.475	0.29000	19.264	0.66050	0.81250	4			0
012.03	Starch, Enzymatic (%)	0889	20.100	0.86000	19.264	0.66050	0.81250	4			0
012.04	Starch, YSI Analyzer (%)	0510	18.350	0.70000	19.023	0.98396	0.40167	6	-0.68	2%	0
012.04	Starch, YSI Analyzer (%)	0160	18.405	0.33000	19.023	0.98396	0.40167	6	-0.63	2%	0
012.04	Starch, YSI Analyzer (%)	0278	18.500	0.80000	19.023	0.98396	0.40167	6	-0.53	1%	0
012.04	Starch, YSI Analyzer (%)	0353	18.615	0.07000	19.023	0.98396	0.40167	6	-0.41	1%	0
012.04	Starch, YSI Analyzer (%)	0948	20.015	0.21000	19.023	0.98396	0.40167	6	1.01	3%	0
012.04	Starch, YSI Analyzer (%)	0208	20.250	0.30000	19.023	0.98396	0.40167	6	1.25	3%	0
012.11	Starch, NIR (%)	0720	19.595	0.25000	21.140	1.5233	0.21000	4			0
012.11	Starch, NIR (%)	0889	20.325	0.33000	21.140	1.5233	0.21000	4			0
012.11	Starch, NIR (%)	0297	21.570	0.02000	21.140	1.5233	0.21000	4			0
012.11	Starch, NIR (%)	0852	23.070	0.24000	21.140	1.5233	0.21000	4			0
012.99	Starch, Miscellaneous (%)	2068	34.270	0.34000				1			0
013.00	Fat, Acid hydrolysis (%)	2149	2.2200	0.04000	3.6828	0.67618	0.12811	18	-2.16	20%	0
013.00	Fat, Acid hydrolysis (%)	0083	2.6900	0.06000	3.6828	0.67618	0.12811	18	-1.47	13%	0
013.00	Fat, Acid hydrolysis (%)	0689	3.0000	0.00000	3.6828	0.67618	0.12811	18	-1.01	9%	0
013.00	Fat, Acid hydrolysis (%)	2146	3.1050	0.47000	3.6828	0.67618	0.12811	18	-0.85	8%	0
013.00	Fat, Acid hydrolysis (%)	0644	3.1200	0.08000	3.6828	0.67618	0.12811	18	-0.83	8%	0
013.00	Fat, Acid hydrolysis (%)	0504	3.4100	0.12000	3.6828	0.67618	0.12811	18	-0.40	4%	0
013.00	Fat, Acid hydrolysis (%)	0229	3.5250	0.23000	3.6828	0.67618	0.12811	18	-0.23	2%	0
013.00	Fat, Acid hydrolysis (%)	0242	3.6500	0.14000	3.6828	0.67618	0.12811	18	-0.05	0%	0
013.00	Fat, Acid hydrolysis (%)	0309	3.7194	0.43880	3.6828	0.67618	0.12811	18	0.05	0%	0
013.00	Fat, Acid hydrolysis (%)	0884	3.8500	0.30000	3.6828	0.67618	0.12811	18	0.25	2%	0
013.00	Fat, Acid hydrolysis (%)	0948	3.8700	0.02000	3.6828	0.67618	0.12811	18	0.28	3%	0
013.00	Fat, Acid hydrolysis (%)	0910	3.9000	0.16000	3.6828	0.67618	0.12811	18	0.32	3%	0
013.00	Fat, Acid hydrolysis (%)	0652	4.0000	0.00000	3.6828	0.67618	0.12811	18	0.47	4%	0
013.00	Fat, Acid hydrolysis (%)	0541	4.0050	0.01000	3.6828	0.67618	0.12811	18	0.48	4%	0
013.00	Fat, Acid hydrolysis (%)	2004	4.2000	0.00000	3.6828	0.67618	0.12811	18	0.76	7%	0
013.00	Fat, Acid hydrolysis (%)	0139	4.2750	0.07000	3.6828	0.67618	0.12811	18	0.88	8%	0
013.00	Fat, Acid hydrolysis (%)	2076	4.6048	0.06720	3.6828	0.67618	0.12811	18	1.36	13%	0
013.00	Fat, Acid hydrolysis (%)	0615	5.2100	0.10000	3.6828	0.67618	0.12811	18	2.26	21%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
013.02	Fat, Mojonnier, Bak Ext (%)	0643	3.9350	0.01000	4.4321	0.25500	0.15344	15	-1.95	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	4.1300	0.06000	4.4321	0.25500	0.15344	15	-1.18	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	4.2900	0.06000	4.4321	0.25500	0.15344	15	-0.56	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	4.3000	0.02000	4.4321	0.25500	0.15344	15	-0.52	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	4.3200	0.50000	4.4321	0.25500	0.15344	15	-0.44	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	4.3679	0.24160	4.4321	0.25500	0.15344	15	-0.25	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	4.3700	0.00000	4.4321	0.25500	0.15344	15	-0.24	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	4.3850	0.03000	4.4321	0.25500	0.15344	15	-0.18	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	4.3950	0.03000	4.4321	0.25500	0.15344	15	-0.15	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	4.4000	0.00000	4.4321	0.25500	0.15344	15	-0.13	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2150	4.5450	0.51000	4.4321	0.25500	0.15344	15	0.44	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	4.5900	0.56000	4.4321	0.25500	0.15344	15	0.62	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	4.7100	0.14000	4.4321	0.25500	0.15344	15	1.09	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	4.9250	0.03000	4.4321	0.25500	0.15344	15	1.93	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	5.1350	0.11000	4.4321	0.25500	0.15344	15	2.76	8%	0
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	2.1606	0.10180				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	2.8550	0.27000	3.5626	0.60639	0.13456	5			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	3.3850	0.33000	3.5626	0.60639	0.13456	5			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	3.4081	0.04280	3.5626	0.60639	0.13456	5			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	3.6500	0.02000	3.5626	0.60639	0.13456	5			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	4.5150	0.01000	3.5626	0.60639	0.13456	5			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	3.4320	0.04400	4.5483	0.84914	0.16080	7	-1.31	12%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0407	4.0338	0.09160	4.5483	0.84914	0.16080	7	-0.61	6%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0843	4.4100	0.22000	4.5483	0.84914	0.16080	7	-0.16	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	4.4650	0.15000	4.5483	0.84914	0.16080	7	-0.10	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	4.7000	0.40000	4.5483	0.84914	0.16080	7	0.18	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	4.9750	0.07000	4.5483	0.84914	0.16080	7	0.50	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	5.9650	0.15000	4.5483	0.84914	0.16080	7	1.67	16%	0
013.99	Fat, Pretreat or extended ext., Misc (%)	2073	3.4500	0.04000				1			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	197.95	4.8700	240.34	36.255	2.3175	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	224.00	0.00000	240.34	36.255	2.3175	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	260.90	1.4000	240.34	36.255	2.3175	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	278.50	3.0000	240.34	36.255	2.3175	4			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	221.00	2.0000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	203.61	5.3098	233.02	20.900	7.0516	6	-1.41	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	217.00	6.0000	233.02	20.900	7.0516	6	-0.77	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	240.50	1.0000	233.02	20.900	7.0516	6	0.36	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	241.50	13.000	233.02	20.900	7.0516	6	0.41	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	245.00	12.000	233.02	20.900	7.0516	6	0.57	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	250.50	5.0000	233.02	20.900	7.0516	6	0.84	4%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	185.00	4.0000				1			0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	8.9350	0.49000				3			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	9.1850	0.11000				3			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	11.775	0.17000				3			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	11.385	3.1700				3			1
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	9.5250	0.01000	9.9769	0.45680	0.20325	4			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	9.7200	0.12000	9.9769	0.45680	0.20325	4			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	10.103	0.28300	9.9769	0.45680	0.20325	4			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	10.560	0.40000	9.9769	0.45680	0.20325	4			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	13.950	0.10000	9.9769	0.45680	0.20325	4			2
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	9.5500	0.50000	10.445	1.1155	0.40500	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	9.7300	0.12000	10.445	1.1155	0.40500	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	10.500	1.0000	10.445	1.1155	0.40500	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	12.000	0.00000	10.445	1.1155	0.40500	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	0.00000	0.00000	10.445	1.1155	0.40500	4			4
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	2.8225	0.24500	2.9094	0.06792	0.06055	11	-1.28	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	2.8550	0.03000	2.9094	0.06792	0.06055	11	-0.80	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	2.8650	0.09000	2.9094	0.06792	0.06055	11	-0.65	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	2.8800	0.04000	2.9094	0.06792	0.06055	11	-0.43	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	2.8850	0.02200	2.9094	0.06792	0.06055	11	-0.36	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	2.8945	0.12900	2.9094	0.06792	0.06055	11	-0.22	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	2.9150	0.01000	2.9094	0.06792	0.06055	11	0.08	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	2.9250	0.07000	2.9094	0.06792	0.06055	11	0.23	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	2.9400	0.02000	2.9094	0.06792	0.06055	11	0.45	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	3.0100	0.00000	2.9094	0.06792	0.06055	11	1.48	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	3.0250	0.01000	2.9094	0.06792	0.06055	11	1.70	2%	0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	3.0211	0.00830				1			0
019.08	Calcium, EDTA (%)	0852	2.4500	0.10000	2.8611	0.14483	0.04808	8	-2.84	7%	0
019.08	Calcium, EDTA (%)	0629	2.7950	0.01000	2.8611	0.14483	0.04808	8	-0.46	1%	0
019.08	Calcium, EDTA (%)	0590	2.8000	0.04000	2.8611	0.14483	0.04808	8	-0.42	1%	0
019.08	Calcium, EDTA (%)	2009	2.8208	0.00070	2.8611	0.14483	0.04808	8	-0.28	1%	0
019.08	Calcium, EDTA (%)	0849	2.8700	0.04000	2.8611	0.14483	0.04808	8	0.06	0%	0
019.08	Calcium, EDTA (%)	0940	2.9100	0.08000	2.8611	0.14483	0.04808	8	0.34	1%	0
019.08	Calcium, EDTA (%)	0885	2.9994	0.01390	2.8611	0.14483	0.04808	8	0.95	2%	0
019.08	Calcium, EDTA (%)	0689	3.0500	0.10000	2.8611	0.14483	0.04808	8	1.30	3%	0
019.09	Calcium, Ion-selective electrode (%)	2006	2.7215	0.03900				1			0
019.31	Calcium, AAS, Dry ash (%)	0948	2.4155	0.00100	2.9433	0.15041	0.05531	21	-3.51	9%	0
019.31	Calcium, AAS, Dry ash (%)	0233	2.7600	0.04000	2.9433	0.15041	0.05531	21	-1.22	3%	0
019.31	Calcium, AAS, Dry ash (%)	0038	2.7665	0.09500	2.9433	0.15041	0.05531	21	-1.18	3%	0
019.31	Calcium, AAS, Dry ash (%)	0596	2.8100	0.08000	2.9433	0.15041	0.05531	21	-0.89	2%	0
019.31	Calcium, AAS, Dry ash (%)	0653	2.8300	0.06000	2.9433	0.15041	0.05531	21	-0.75	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	2.8350	0.07000	2.9433	0.15041	0.05531	21	-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	
019.31	Calcium, AAS, Dry ash (%)	0722	2.8727	0.00170	2.9433	0.15041	0.05531	21	-0.47	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	2.8900	0.12000	2.9433	0.15041	0.05531	21	-0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	0874	2.8950	0.03000	2.9433	0.15041	0.05531	21	-0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0014	2.9200	0.16000	2.9433	0.15041	0.05531	21	-0.16	0%	0
019.31	Calcium, AAS, Dry ash (%)	0687	2.9250	0.15000	2.9433	0.15041	0.05531	21	-0.12	0%	0
019.31	Calcium, AAS, Dry ash (%)	0208	2.9625	0.05500	2.9433	0.15041	0.05531	21	0.13	0%	0
019.31	Calcium, AAS, Dry ash (%)	0529	2.9950	0.03000	2.9433	0.15041	0.05531	21	0.34	1%	0
019.31	Calcium, AAS, Dry ash (%)	2097	3.0096	0.01530	2.9433	0.15041	0.05531	21	0.44	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	3.0250	0.03000	2.9433	0.15041	0.05531	21	0.54	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	3.0320	0.00400	2.9433	0.15041	0.05531	21	0.59	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	3.0400	0.00000	2.9433	0.15041	0.05531	21	0.64	2%	0
019.31	Calcium, AAS, Dry ash (%)	0505	3.0450	0.01000	2.9433	0.15041	0.05531	21	0.68	2%	0
019.31	Calcium, AAS, Dry ash (%)	0142	3.1414	0.04350	2.9433	0.15041	0.05531	21	1.32	3%	0
019.31	Calcium, AAS, Dry ash (%)	0650	3.2150	0.13000	2.9433	0.15041	0.05531	21	1.81	5%	0
019.31	Calcium, AAS, Dry ash (%)	0001	3.2190	0.03600	2.9433	0.15041	0.05531	21	1.83	5%	0
019.32	Calcium, AAS, Open vessel (%)	0035	2.9900	0.00000				3			0
019.32	Calcium, AAS, Open vessel (%)	0169	3.0650	0.05000				3			0
019.32	Calcium, AAS, Open vessel (%)	0504	3.1120	0.03400				3			0
019.33	Calcium, AAS, Microwave (%)	0612	3.0500	0.06000				3			0
019.33	Calcium, AAS, Microwave (%)	0300	3.1000	0.06000				3			0
019.33	Calcium, AAS, Microwave (%)	0010	3.1250	0.01000				3			0
019.41	Calcium, ICP, Dry ash (%)	0144	2.6050	0.01000	2.9507	0.16156	0.05026	31	-2.14	6%	0
019.41	Calcium, ICP, Dry ash (%)	0511	2.6500	0.06000	2.9507	0.16156	0.05026	31	-1.86	5%	0
019.41	Calcium, ICP, Dry ash (%)	0003	2.7650	0.05000	2.9507	0.16156	0.05026	31	-1.15	3%	0
019.41	Calcium, ICP, Dry ash (%)	0148	2.7950	0.01000	2.9507	0.16156	0.05026	31	-0.96	3%	0
019.41	Calcium, ICP, Dry ash (%)	0407	2.8072	0.12010	2.9507	0.16156	0.05026	31	-0.89	2%	0
019.41	Calcium, ICP, Dry ash (%)	0139	2.8350	0.03000	2.9507	0.16156	0.05026	31	-0.72	2%	0
019.41	Calcium, ICP, Dry ash (%)	0019	2.8400	0.04000	2.9507	0.16156	0.05026	31	-0.69	2%	0
019.41	Calcium, ICP, Dry ash (%)	0298	2.8400	0.02000	2.9507	0.16156	0.05026	31	-0.69	2%	0
019.41	Calcium, ICP, Dry ash (%)	0878	2.8500	0.10000	2.9507	0.16156	0.05026	31	-0.62	2%	0
019.41	Calcium, ICP, Dry ash (%)	2012	2.8500	0.06000	2.9507	0.16156	0.05026	31	-0.62	2%	0
019.41	Calcium, ICP, Dry ash (%)	0848	2.8600	0.00000	2.9507	0.16156	0.05026	31	-0.56	2%	0
019.41	Calcium, ICP, Dry ash (%)	2145	2.8600	0.10000	2.9507	0.16156	0.05026	31	-0.56	2%	0
019.41	Calcium, ICP, Dry ash (%)	0164	2.8800	0.08000	2.9507	0.16156	0.05026	31	-0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	2.8800	0.04000	2.9507	0.16156	0.05026	31	-0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0123	2.9150	0.17000	2.9507	0.16156	0.05026	31	-0.22	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	2.9200	0.02000	2.9507	0.16156	0.05026	31	-0.19	1%	0
019.41	Calcium, ICP, Dry ash (%)	0405	2.9510	0.04200	2.9507	0.16156	0.05026	31	0.00	0%	0
019.41	Calcium, ICP, Dry ash (%)	0049	2.9750	0.01000	2.9507	0.16156	0.05026	31	0.15	0%	0
019.41	Calcium, ICP, Dry ash (%)	0413	3.0000	0.00000	2.9507	0.16156	0.05026	31	0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	3.0125	0.05100	2.9507	0.16156	0.05026	31	0.38	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0208	3.0375	0.09700	2.9507	0.16156	0.05026	31	0.54	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	3.0450	0.03000	2.9507	0.16156	0.05026	31	0.58	2%	0
019.41	Calcium, ICP, Dry ash (%)	0720	3.0500	0.02000	2.9507	0.16156	0.05026	31	0.61	2%	0
019.41	Calcium, ICP, Dry ash (%)	0018	3.0700	0.02000	2.9507	0.16156	0.05026	31	0.74	2%	0
019.41	Calcium, ICP, Dry ash (%)	0011	3.0822	0.07290	2.9507	0.16156	0.05026	31	0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	3.1025	0.06500	2.9507	0.16156	0.05026	31	0.94	3%	0
019.41	Calcium, ICP, Dry ash (%)	0098	3.1100	0.00000	2.9507	0.16156	0.05026	31	0.99	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	3.1650	0.01000	2.9507	0.16156	0.05026	31	1.33	4%	0
019.41	Calcium, ICP, Dry ash (%)	0358	3.1750	0.07000	2.9507	0.16156	0.05026	31	1.39	4%	0
019.41	Calcium, ICP, Dry ash (%)	0619	3.1900	0.10000	2.9507	0.16156	0.05026	31	1.48	4%	0
019.41	Calcium, ICP, Dry ash (%)	0520	3.2300	0.06000	2.9507	0.16156	0.05026	31	1.73	5%	0
019.42	Calcium, ICP, Open vessel (%)	2129	2.5050	0.17000	2.9268	0.14128	0.06929	23	-2.99	7%	0
019.42	Calcium, ICP, Open vessel (%)	0692	2.7400	0.06000	2.9268	0.14128	0.06929	23	-1.32	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	2.7550	0.01000	2.9268	0.14128	0.06929	23	-1.22	3%	0
019.42	Calcium, ICP, Open vessel (%)	0265	2.7900	0.22000	2.9268	0.14128	0.06929	23	-0.97	2%	0
019.42	Calcium, ICP, Open vessel (%)	0560	2.7920	0.05810	2.9268	0.14128	0.06929	23	-0.95	2%	0
019.42	Calcium, ICP, Open vessel (%)	0042	2.8300	0.04000	2.9268	0.14128	0.06929	23	-0.68	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	2.8630	0.09200	2.9268	0.14128	0.06929	23	-0.45	1%	0
019.42	Calcium, ICP, Open vessel (%)	0205	2.8700	0.04000	2.9268	0.14128	0.06929	23	-0.40	1%	0
019.42	Calcium, ICP, Open vessel (%)	0263	2.8832	0.00560	2.9268	0.14128	0.06929	23	-0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	2.8950	0.01000	2.9268	0.14128	0.06929	23	-0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	2053	2.9050	0.05000	2.9268	0.14128	0.06929	23	-0.15	0%	0
019.42	Calcium, ICP, Open vessel (%)	0009	2.9212	0.09910	2.9268	0.14128	0.06929	23	-0.04	0%	0
019.42	Calcium, ICP, Open vessel (%)	0186	2.9250	0.13000	2.9268	0.14128	0.06929	23	-0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0357	2.9728	0.10880	2.9268	0.14128	0.06929	23	0.33	1%	0
019.42	Calcium, ICP, Open vessel (%)	0555	2.9760	0.08600	2.9268	0.14128	0.06929	23	0.35	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	3.0050	0.05000	2.9268	0.14128	0.06929	23	0.55	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	3.0050	0.17000	2.9268	0.14128	0.06929	23	0.55	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	3.0100	0.02000	2.9268	0.14128	0.06929	23	0.59	1%	0
019.42	Calcium, ICP, Open vessel (%)	0187	3.0200	0.00000	2.9268	0.14128	0.06929	23	0.66	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	3.0350	0.01400	2.9268	0.14128	0.06929	23	0.77	2%	0
019.42	Calcium, ICP, Open vessel (%)	0294	3.1300	0.08000	2.9268	0.14128	0.06929	23	1.44	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	3.3150	0.07000	2.9268	0.14128	0.06929	23	2.75	7%	0
019.42	Calcium, ICP, Open vessel (%)	0726	3.4560	0.01000	2.9268	0.14128	0.06929	23	3.75	9%	0
019.43	Calcium, ICP, Microwave (%)	0038	2.5800	0.06000	2.9330	0.15305	0.05501	26	-2.31	6%	0
019.43	Calcium, ICP, Microwave (%)	0297	2.7300	0.06000	2.9330	0.15305	0.05501	26	-1.33	3%	0
019.43	Calcium, ICP, Microwave (%)	0968	2.7540	0.01200	2.9330	0.15305	0.05501	26	-1.17	3%	0
019.43	Calcium, ICP, Microwave (%)	0033	2.7600	0.20000	2.9330	0.15305	0.05501	26	-1.13	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	2.7625	0.00030	2.9330	0.15305	0.05501	26	-1.11	3%	0
019.43	Calcium, ICP, Microwave (%)	0512	2.8130	0.10200	2.9330	0.15305	0.05501	26	-0.78	2%	0
019.43	Calcium, ICP, Microwave (%)	0034	2.8210	0.09200	2.9330	0.15305	0.05501	26	-0.73	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0345	2.8250	0.03000	2.9330	0.15305	0.05501	26	-0.71	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	2.8750	0.03000	2.9330	0.15305	0.05501	26	-0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0629	2.8800	0.00000	2.9330	0.15305	0.05501	26	-0.35	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	2.9050	0.07000	2.9330	0.15305	0.05501	26	-0.18	0%	0
019.43	Calcium, ICP, Microwave (%)	0682	2.9300	0.00000	2.9330	0.15305	0.05501	26	-0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	2.9457	0.00290	2.9330	0.15305	0.05501	26	0.08	0%	0
019.43	Calcium, ICP, Microwave (%)	0610	2.9650	0.01000	2.9330	0.15305	0.05501	26	0.21	1%	0
019.43	Calcium, ICP, Microwave (%)	0861	2.9700	0.06000	2.9330	0.15305	0.05501	26	0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	2.9770	0.17800	2.9330	0.15305	0.05501	26	0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	2.9900	0.06000	2.9330	0.15305	0.05501	26	0.37	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	2.9900	0.00000	2.9330	0.15305	0.05501	26	0.37	1%	0
019.43	Calcium, ICP, Microwave (%)	0668	3.0050	0.09000	2.9330	0.15305	0.05501	26	0.47	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	3.0100	0.02000	2.9330	0.15305	0.05501	26	0.50	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	3.0150	0.01000	2.9330	0.15305	0.05501	26	0.54	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	3.0545	0.12500	2.9330	0.15305	0.05501	26	0.79	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	3.0960	0.04800	2.9330	0.15305	0.05501	26	1.07	3%	0
019.43	Calcium, ICP, Microwave (%)	0089	3.1550	0.01000	2.9330	0.15305	0.05501	26	1.45	4%	0
019.43	Calcium, ICP, Microwave (%)	0353	3.2750	0.01000	2.9330	0.15305	0.05501	26	2.23	6%	0
019.43	Calcium, ICP, Microwave (%)	0035	3.3850	0.15000	2.9330	0.15305	0.05501	26	2.95	8%	0
019.44	Calcium, ICP, Dry ash (%)	2004	2.9350	0.03000				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	2.5370	0.05540				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	2.9350	0.09000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	2.9450	0.03000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0199	2.7935	0.12700				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	2.8700	0.08000				2			0
019.99	Calcium, Miscellaneous (%)	0889	2.6200	0.02000	2.9403	0.16577	0.03000	6	-1.93	5%	0
019.99	Calcium, Miscellaneous (%)	0676	2.8700	0.02000	2.9403	0.16577	0.03000	6	-0.42	1%	0
019.99	Calcium, Miscellaneous (%)	2105	2.9550	0.05000	2.9403	0.16577	0.03000	6	0.09	0%	0
019.99	Calcium, Miscellaneous (%)	0242	2.9650	0.03000	2.9403	0.16577	0.03000	6	0.15	0%	0
019.99	Calcium, Miscellaneous (%)	0100	3.0700	0.04000	2.9403	0.16577	0.03000	6	0.78	2%	0
019.99	Calcium, Miscellaneous (%)	2144	3.0900	0.02000	2.9403	0.16577	0.03000	6	0.90	3%	0
019.99	Calcium, Miscellaneous (%)	0590	2.6650	0.19000	2.9403	0.16577	0.03000	6	-1.66	5%	1
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	2.9500	0.10000				3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	3.0500	0.30000				3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	3.8250	0.11000				3			0
021.32	Cobalt, AAS, Open vessel (mg / kg (ppm))	0366	3.0000	0.60000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	1.8950	0.01000	2.8884	0.70895	0.08188	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	2.8750	0.07000	2.8884	0.70895	0.08188	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	3.3088	0.13750	2.8884	0.70895	0.08188	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0148	3.4750	0.11000	2.8884	0.70895	0.08188	4			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	2.4255	0.18100	2.8451	0.29279	0.33775	4			0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	2053	2.8650	0.37000	2.8451	0.29279	0.33775	4			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	3.0250	0.69000	2.8451	0.29279	0.33775	4			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	3.0650	0.11000	2.8451	0.29279	0.33775	4			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	2.5500	0.04000	3.1238	0.46468	0.04662	6	-1.23	9%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	2.7950	0.03000	3.1238	0.46468	0.04662	6	-0.71	5%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	3.1500	0.08000	3.1238	0.46468	0.04662	6	0.06	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	3.1800	0.02000	3.1238	0.46468	0.04662	6	0.12	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	3.3578	0.08970	3.1238	0.46468	0.04662	6	0.50	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	3.7100	0.02000	3.1238	0.46468	0.04662	6	1.26	9%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0610	3.9250	0.49000	3.1238	0.46468	0.04662	6	1.72	13%	1
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	2.4050	0.07000				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	2.4500	0.16000				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	3.0000	0.00000				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	2.5824	0.00190				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	2.9045	0.24900				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	3.4265	0.31300				3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2149	10.170	0.26000	12.340	2.6482	0.74875	8	-0.82	9%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	10.235	0.03000	12.340	2.6482	0.74875	8	-0.79	9%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	10.350	1.3000	12.340	2.6482	0.74875	8	-0.75	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0884	11.650	0.10000	12.340	2.6482	0.74875	8	-0.26	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	11.750	0.50000	12.340	2.6482	0.74875	8	-0.22	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	13.100	1.0000	12.340	2.6482	0.74875	8	0.29	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	15.150	2.3000	12.340	2.6482	0.74875	8	1.06	11%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	16.550	0.50000	12.340	2.6482	0.74875	8	1.59	17%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	9.0520	0.14600				3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	11.225	1.3100				3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	11.500	1.0000				3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	11.450	0.30000				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	11.816	0.00900				2			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	9.0000	0.00000	11.169	1.3255	0.63409	22	-1.64	10%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0848	9.4000	0.10000	11.169	1.3255	0.63409	22	-1.33	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	9.5000	1.0000	11.169	1.3255	0.63409	22	-1.26	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	9.5000	1.0000	11.169	1.3255	0.63409	22	-1.26	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	10.432	0.04000	11.169	1.3255	0.63409	22	-0.56	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	10.435	0.59000	11.169	1.3255	0.63409	22	-0.55	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	10.440	0.16000	11.169	1.3255	0.63409	22	-0.55	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	10.500	1.0000	11.169	1.3255	0.63409	22	-0.50	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	10.950	1.5000	11.169	1.3255	0.63409	22	-0.17	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	11.000	0.00000	11.169	1.3255	0.63409	22	-0.13	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	11.220	0.98000	11.169	1.3255	0.63409	22	0.04	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	11.300	0.04000	11.169	1.3255	0.63409	22	0.10	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	11.500	0.38000	11.169	1.3255	0.63409	22	0.25	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	11.500	1.0000	11.169	1.3255	0.63409	22	0.25	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	11.585	0.93000	11.169	1.3255	0.63409	22	0.31	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	11.750	2.1200	11.169	1.3255	0.63409	22	0.44	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	11.985	0.17000	11.169	1.3255	0.63409	22	0.62	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	12.145	0.05000	11.169	1.3255	0.63409	22	0.74	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	12.595	0.67000	11.169	1.3255	0.63409	22	1.08	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	12.650	1.3400	11.169	1.3255	0.63409	22	1.12	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	13.000	0.00000	11.169	1.3255	0.63409	22	1.38	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	20.460	0.88000	11.169	1.3255	0.63409	22	7.01	42%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	13.205	5.1300	11.169	1.3255	0.63409	22	1.54	9%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	8.5000	0.20000	10.914	1.0028	0.79252	23	-2.41	11%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	9.1045	0.03700	10.914	1.0028	0.79252	23	-1.80	8%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	9.1150	0.83000	10.914	1.0028	0.79252	23	-1.79	8%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	9.8200	2.5600	10.914	1.0028	0.79252	23	-1.09	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	10.100	0.00000	10.914	1.0028	0.79252	23	-0.81	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	10.500	1.0000	10.914	1.0028	0.79252	23	-0.41	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	10.500	1.0000	10.914	1.0028	0.79252	23	-0.41	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2053	10.500	0.98000	10.914	1.0028	0.79252	23	-0.41	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	10.800	0.00000	10.914	1.0028	0.79252	23	-0.11	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	10.850	0.16000	10.914	1.0028	0.79252	23	-0.06	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0263	10.925	0.29000	10.914	1.0028	0.79252	23	0.01	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	10.955	0.06100	10.914	1.0028	0.79252	23	0.04	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	11.000	0.00000	10.914	1.0028	0.79252	23	0.09	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	11.050	1.7000	10.914	1.0028	0.79252	23	0.14	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	11.150	0.10000	10.914	1.0028	0.79252	23	0.24	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	11.350	0.20000	10.914	1.0028	0.79252	23	0.44	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	11.382	0.21000	10.914	1.0028	0.79252	23	0.47	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	11.650	0.70000	10.914	1.0028	0.79252	23	0.73	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	11.690	2.7000	10.914	1.0028	0.79252	23	0.77	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	11.700	1.0000	10.914	1.0028	0.79252	23	0.78	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	12.030	1.4600	10.914	1.0028	0.79252	23	1.11	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	18.580	0.04000	10.914	1.0028	0.79252	23	7.64	35%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	21.500	3.0000	10.914	1.0028	0.79252	23	10.56	48%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	22.250	5.3000	10.914	1.0028	0.79252	23	11.30	52%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	6.8850	0.89000	10.589	0.98172	0.39211	22	-3.77	17%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	9.2050	0.02000	10.589	0.98172	0.39211	22	-1.41	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	9.5000	1.0000	10.589	0.98172	0.39211	22	-1.11	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	9.7500	0.12000	10.589	0.98172	0.39211	22	-0.85	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	9.7500	0.50000	10.589	0.98172	0.39211	22	-0.85	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	10.000	0.00000	10.589	0.98172	0.39211	22	-0.60	3%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	10.000	0.00000	10.589	0.98172	0.39211	22	-0.60	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	10.020	0.10000	10.589	0.98172	0.39211	22	-0.58	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	10.300	0.00000	10.589	0.98172	0.39211	22	-0.29	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	10.400	0.00000	10.589	0.98172	0.39211	22	-0.19	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	10.500	1.0000	10.589	0.98172	0.39211	22	-0.09	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	10.645	0.01000	10.589	0.98172	0.39211	22	0.06	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	10.750	0.10000	10.589	0.98172	0.39211	22	0.16	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	10.950	0.30000	10.589	0.98172	0.39211	22	0.37	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0668	11.000	0.20000	10.589	0.98172	0.39211	22	0.42	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	11.231	0.41250	10.589	0.98172	0.39211	22	0.65	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0017	11.355	0.73400	10.589	0.98172	0.39211	22	0.78	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	11.359	0.27000	10.589	0.98172	0.39211	22	0.78	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	11.500	1.0000	10.589	0.98172	0.39211	22	0.93	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	11.500	1.0000	10.589	0.98172	0.39211	22	0.93	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0512	12.125	0.55000	10.589	0.98172	0.39211	22	1.56	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	12.430	0.42000	10.589	0.98172	0.39211	22	1.88	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	15.000	6.0000	10.589	0.98172	0.39211	22	4.49	21%	1
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	10.650	0.30000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0016	7.5200	0.16000				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	9.5450	0.23000				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	11.500	1.0000				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	8.0700	0.52000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	11.150	1.5000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	10.000	0.00000	10.768	0.73153	0.26000	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	10.395	0.17000	10.768	0.73153	0.26000	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	11.000	0.40000	10.768	0.73153	0.26000	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2144	11.675	0.47000	10.768	0.73153	0.26000	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	9.0000	2.0000	10.768	0.73153	0.26000	4			1
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	48.350	0.50000				1			0
024.03	Iodine, Ion-selective electrode (mg / kg (ppm))	0171	7.2000	0.20000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	522.00	20.000	589.68	43.625	7.5753	8	-1.55	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	563.50	5.0000	589.68	43.625	7.5753	8	-0.60	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	566.65	16.700	589.68	43.625	7.5753	8	-0.53	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	581.56	3.4000	589.68	43.625	7.5753	8	-0.19	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	603.95	2.3000	589.68	43.625	7.5753	8	0.33	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	605.01	5.1020	589.68	43.625	7.5753	8	0.35	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	633.50	3.0000	589.68	43.625	7.5753	8	1.00	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0884	639.05	5.1000	589.68	43.625	7.5753	8	1.13	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	612.00	78.000	589.68	43.625	7.5753	8	0.51	2%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	639.50	5.0000				1			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	842.10	0.10800				1			0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	395.20	0.60000	587.74	46.577	17.474	23	-4.13	16%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	504.50	7.0000	587.74	46.577	17.474	23	-1.79	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	515.34	45.110	587.74	46.577	17.474	23	-1.55	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	528.89	27.070	587.74	46.577	17.474	23	-1.26	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	538.50	69.000	587.74	46.577	17.474	23	-1.06	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	548.20	0.80000	587.74	46.577	17.474	23	-0.85	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	568.20	1.8299	587.74	46.577	17.474	23	-0.42	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	582.70	7.0000	587.74	46.577	17.474	23	-0.11	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	586.00	8.0000	587.74	46.577	17.474	23	-0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	586.50	21.000	587.74	46.577	17.474	23	-0.03	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	598.35	4.1000	587.74	46.577	17.474	23	0.23	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	601.45	3.1000	587.74	46.577	17.474	23	0.29	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	602.71	10.840	587.74	46.577	17.474	23	0.32	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	605.50	3.0000	587.74	46.577	17.474	23	0.38	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	606.40	80.400	587.74	46.577	17.474	23	0.40	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	607.50	15.000	587.74	46.577	17.474	23	0.42	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	612.33	23.850	587.74	46.577	17.474	23	0.53	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	615.00	12.000	587.74	46.577	17.474	23	0.59	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	623.95	12.500	587.74	46.577	17.474	23	0.78	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	627.09	41.700	587.74	46.577	17.474	23	0.84	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	635.00	0.00000	587.74	46.577	17.474	23	1.01	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	643.00	4.0000	587.74	46.577	17.474	23	1.19	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	647.20	4.0000	587.74	46.577	17.474	23	1.28	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	210.10	9.4100	523.31	140.99	31.908	19	-2.22	30%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	317.50	15.000	523.31	140.99	31.908	19	-1.46	20%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	335.00	40.000	523.31	140.99	31.908	19	-1.34	18%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	389.55	10.500	523.31	140.99	31.908	19	-0.95	13%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	392.30	4.4000	523.31	140.99	31.908	19	-0.93	13%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	439.50	39.000	523.31	140.99	31.908	19	-0.59	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	475.00	310.00	523.31	140.99	31.908	19	-0.34	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	488.35	33.300	523.31	140.99	31.908	19	-0.25	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	581.65	12.900	523.31	140.99	31.908	19	0.41	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	588.45	5.9000	523.31	140.99	31.908	19	0.46	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	592.02	0.85000	523.31	140.99	31.908	19	0.49	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	603.92	11.360	523.31	140.99	31.908	19	0.57	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	604.50	15.000	523.31	140.99	31.908	19	0.58	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	608.50	20.000	523.31	140.99	31.908	19	0.60	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	611.50	21.000	523.31	140.99	31.908	19	0.63	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	623.00	40.000	523.31	140.99	31.908	19	0.71	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	628.71	10.634	523.31	140.99	31.908	19	0.75	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0263	644.11	2.0000	523.31	140.99	31.908	19	0.86	12%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	707.50	5.0000	523.31	140.99	31.908	19	1.31	18%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	299.49	587.02	523.31	140.99	31.908	19	-1.59	21%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	531.50	1.0000	592.79	32.862	22.109	21	-1.87	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	549.30	67.550	592.79	32.862	22.109	21	-1.32	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	559.00	10.000	592.79	32.862	22.109	21	-1.03	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	567.77	20.990	592.79	32.862	22.109	21	-0.76	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	569.50	1.0000	592.79	32.862	22.109	21	-0.71	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	571.50	9.0000	592.79	32.862	22.109	21	-0.65	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	579.00	26.000	592.79	32.862	22.109	21	-0.42	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	580.00	8.0000	592.79	32.862	22.109	21	-0.39	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	582.00	4.0000	592.79	32.862	22.109	21	-0.33	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	584.98	0.00000	592.79	32.862	22.109	21	-0.24	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	589.50	51.000	592.79	32.862	22.109	21	-0.10	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0668	597.50	23.000	592.79	32.862	22.109	21	0.14	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	597.87	4.1800	592.79	32.862	22.109	21	0.15	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	600.00	2.0000	592.79	32.862	22.109	21	0.22	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	603.66	1.3600	592.79	32.862	22.109	21	0.33	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	609.50	7.0000	592.79	32.862	22.109	21	0.51	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	615.83	4.8806	592.79	32.862	22.109	21	0.70	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	621.95	86.100	592.79	32.862	22.109	21	0.89	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	647.75	19.300	592.79	32.862	22.109	21	1.67	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	654.50	107.00	592.79	32.862	22.109	21	1.88	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0017	667.91	10.918	592.79	32.862	22.109	21	2.29	6%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0186	369.50	57.000				1			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0199	497.00	6.0000				1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0590	587.00	0.00000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	589.50	7.0000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	606.00	0.00000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.53500	0.01000	0.58495	0.02738	0.01230	15	-1.82	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0921	0.54300	0.03000	0.58495	0.02738	0.01230	15	-1.53	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.56000	0.00000	0.58495	0.02738	0.01230	15	-0.91	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.56630	0.00180	0.58495	0.02738	0.01230	15	-0.68	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.57000	0.04000	0.58495	0.02738	0.01230	15	-0.55	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.58000	0.02000	0.58495	0.02738	0.01230	15	-0.18	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.58100	0.00720	0.58495	0.02738	0.01230	15	-0.14	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.58650	0.00100	0.58495	0.02738	0.01230	15	0.06	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.59500	0.01000	0.58495	0.02738	0.01230	15	0.37	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.59850	0.00300	0.58495	0.02738	0.01230	15	0.49	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.60300	0.02600	0.58495	0.02738	0.01230	15	0.66	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.60500	0.00000	0.58495	0.02738	0.01230	15	0.73	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.60800	0.02200	0.58495	0.02738	0.01230	15	0.84	2%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.31	Magnesium, AAS, Dry ash (%)	2097	0.61465	0.01230	0.58495	0.02738	0.01230	15	1.08	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.61850	0.00120	0.58495	0.02738	0.01230	15	1.23	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.67750	0.06900	0.58495	0.02738	0.01230	15	3.38	8%	1
027.32	Magnesium, AAS, Open vessel (%)	0169	0.52650	0.00300				3			0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.62000	0.00000				3			0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.62570	0.02540				3			0
027.33	Magnesium, AAS, Microwave (%)	0612	0.59000	0.02000				2			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.62250	0.00300				2			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.52480	0.00380	0.58638	0.02408	0.00793	26	-2.56	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.54000	0.02000	0.58638	0.02408	0.00793	26	-1.93	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.54000	0.02000	0.58638	0.02408	0.00793	26	-1.93	4%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.56000	0.00000	0.58638	0.02408	0.00793	26	-1.10	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0848	0.56635	0.00270	0.58638	0.02408	0.00793	26	-0.83	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.57500	0.00340	0.58638	0.02408	0.00793	26	-0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.57500	0.01000	0.58638	0.02408	0.00793	26	-0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.57500	0.01000	0.58638	0.02408	0.00793	26	-0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.57800	0.00400	0.58638	0.02408	0.00793	26	-0.35	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.58000	0.00000	0.58638	0.02408	0.00793	26	-0.27	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.58150	0.00100	0.58638	0.02408	0.00793	26	-0.20	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.58250	0.00700	0.58638	0.02408	0.00793	26	-0.16	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.58330	0.00120	0.58638	0.02408	0.00793	26	-0.13	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.58500	0.01000	0.58638	0.02408	0.00793	26	-0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.58500	0.01000	0.58638	0.02408	0.00793	26	-0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.59000	0.00000	0.58638	0.02408	0.00793	26	0.15	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.59000	0.02000	0.58638	0.02408	0.00793	26	0.15	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.59500	0.03000	0.58638	0.02408	0.00793	26	0.36	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.60000	0.00000	0.58638	0.02408	0.00793	26	0.57	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.60500	0.01000	0.58638	0.02408	0.00793	26	0.77	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.60650	0.00100	0.58638	0.02408	0.00793	26	0.84	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.60700	0.01000	0.58638	0.02408	0.00793	26	0.86	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.61500	0.01000	0.58638	0.02408	0.00793	26	1.19	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.61500	0.01000	0.58638	0.02408	0.00793	26	1.19	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.62980	0.01200	0.58638	0.02408	0.00793	26	1.80	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.66700	0.00000	0.58638	0.02408	0.00793	26	3.35	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.49450	0.06900	0.59570	0.02722	0.01621	20	-3.72	8%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.56500	0.01000	0.59570	0.02722	0.01621	20	-1.13	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.56830	0.00040	0.59570	0.02722	0.01621	20	-1.01	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.57600	0.01000	0.59570	0.02722	0.01621	20	-0.72	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.57850	0.00300	0.59570	0.02722	0.01621	20	-0.63	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.58000	0.00000	0.59570	0.02722	0.01621	20	-0.58	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.58000	0.02000	0.59570	0.02722	0.01621	20	-0.58	1%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.42	Magnesium, ICP, Open vessel (%)	0278	0.58500	0.01000	0.59570	0.02722	0.01621	20	-0.39	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.58755	0.00390	0.59570	0.02722	0.01621	20	-0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.58820	0.00120	0.59570	0.02722	0.01621	20	-0.28	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.59060	0.01580	0.59570	0.02722	0.01621	20	-0.19	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.59500	0.03000	0.59570	0.02722	0.01621	20	-0.03	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.59500	0.03000	0.59570	0.02722	0.01621	20	-0.03	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.61500	0.01000	0.59570	0.02722	0.01621	20	0.71	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.61500	0.01000	0.59570	0.02722	0.01621	20	0.71	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.62000	0.02000	0.59570	0.02722	0.01621	20	0.89	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.62500	0.02800	0.59570	0.02722	0.01621	20	1.08	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.62500	0.03000	0.59570	0.02722	0.01621	20	1.08	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.63350	0.02100	0.59570	0.02722	0.01621	20	1.39	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.69285	0.00190	0.59570	0.02722	0.01621	20	3.57	8%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	5,487.5	73.000	0.59570	0.02722	0.01621	20	201559.71	460540%	2
027.43	Magnesium, ICP, Microwave (%)	0038	0.51250	0.00500	0.58418	0.03108	0.00793	24	-2.31	6%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.52500	0.01000	0.58418	0.03108	0.00793	24	-1.90	5%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.54800	0.00400	0.58418	0.03108	0.00793	24	-1.16	3%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.55300	0.01200	0.58418	0.03108	0.00793	24	-1.00	3%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.55500	0.01000	0.58418	0.03108	0.00793	24	-0.94	2%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.56000	0.00000	0.58418	0.03108	0.00793	24	-0.78	2%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.56000	0.00000	0.58418	0.03108	0.00793	24	-0.78	2%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.56700	0.02400	0.58418	0.03108	0.00793	24	-0.55	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.57000	0.00000	0.58418	0.03108	0.00793	24	-0.46	1%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.58000	0.02000	0.58418	0.03108	0.00793	24	-0.13	0%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.58000	0.00000	0.58418	0.03108	0.00793	24	-0.13	0%	0
027.43	Magnesium, ICP, Microwave (%)	0512	0.58830	0.02520	0.58418	0.03108	0.00793	24	0.13	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.59000	0.00000	0.58418	0.03108	0.00793	24	0.19	0%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.59550	0.00100	0.58418	0.03108	0.00793	24	0.36	1%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.59550	0.03040	0.58418	0.03108	0.00793	24	0.36	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.60000	0.00000	0.58418	0.03108	0.00793	24	0.51	1%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.60000	0.02000	0.58418	0.03108	0.00793	24	0.51	1%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.60050	0.00900	0.58418	0.03108	0.00793	24	0.53	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.60200	0.00600	0.58418	0.03108	0.00793	24	0.57	2%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.61000	0.00000	0.58418	0.03108	0.00793	24	0.83	2%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.61500	0.01000	0.58418	0.03108	0.00793	24	0.99	3%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.61950	0.00100	0.58418	0.03108	0.00793	24	1.14	3%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.62500	0.00260	0.58418	0.03108	0.00793	24	1.31	3%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.64000	0.00000	0.58418	0.03108	0.00793	24	1.80	5%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.57700	0.00800				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.54055	0.00110				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.57400	0.00400				3			0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.58000	0.02000				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.57600	0.01800				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	1.0000	0.00000				2			0
027.99	Magnesium, Miscellaneous (%)	2144	0.53395	0.01130	0.59379	0.04137	0.01626	5			0
027.99	Magnesium, Miscellaneous (%)	0590	0.58000	0.02000	0.59379	0.04137	0.01626	5			0
027.99	Magnesium, Miscellaneous (%)	0242	0.59500	0.01000	0.59379	0.04137	0.01626	5			0
027.99	Magnesium, Miscellaneous (%)	0889	0.61500	0.03000	0.59379	0.04137	0.01626	5			0
027.99	Magnesium, Miscellaneous (%)	0100	0.64500	0.01000	0.59379	0.04137	0.01626	5			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0884	305.00	2.6000	327.27	23.129	8.3857	11	-0.96	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	305.40	3.6000	327.27	23.129	8.3857	11	-0.95	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	305.65	1.3000	327.27	23.129	8.3857	11	-0.93	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	312.00	12.000	327.27	23.129	8.3857	11	-0.66	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	315.50	1.0000	327.27	23.129	8.3857	11	-0.51	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	323.00	4.0000	327.27	23.129	8.3857	11	-0.18	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	332.68	5.4600	327.27	23.129	8.3857	11	0.23	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	343.20	6.2000	327.27	23.129	8.3857	11	0.69	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	345.27	7.0830	327.27	23.129	8.3857	11	0.78	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0014	351.00	28.000	327.27	23.129	8.3857	11	1.03	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0596	361.30	21.000	327.27	23.129	8.3857	11	1.47	5%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	323.53	0.95000				2			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	356.50	25.000				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	311.50	0.84900				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	166.00	0.60000	313.34	24.529	10.127	24	-6.01	24%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	232.32	13.890	313.34	24.529	10.127	24	-3.30	13%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	284.04	14.830	313.34	24.529	10.127	24	-1.19	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	284.50	23.000	313.34	24.529	10.127	24	-1.18	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2145	292.37	1.0800	313.34	24.529	10.127	24	-0.85	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	295.50	35.000	313.34	24.529	10.127	24	-0.73	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	297.00	2.0000	313.34	24.529	10.127	24	-0.67	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	305.00	2.0000	313.34	24.529	10.127	24	-0.34	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	306.78	3.5412	313.34	24.529	10.127	24	-0.27	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	307.70	1.6000	313.34	24.529	10.127	24	-0.23	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	309.00	4.0000	313.34	24.529	10.127	24	-0.18	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	314.94	4.1300	313.34	24.529	10.127	24	0.07	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	316.55	1.9000	313.34	24.529	10.127	24	0.13	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	317.32	28.570	313.34	24.529	10.127	24	0.16	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	321.75	6.9000	313.34	24.529	10.127	24	0.34	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	322.20	2.2000	313.34	24.529	10.127	24	0.36	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	323.50	9.0000	313.34	24.529	10.127	24	0.41	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	325.43	26.950	313.34	24.529	10.127	24	0.49	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	329.79	9.1050	313.34	24.529	10.127	24	0.67	3%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	334.50	1.0000	313.34	24.529	10.127	24	0.86	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	339.95	5.5000	313.34	24.529	10.127	24	1.08	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	341.70	6.2000	313.34	24.529	10.127	24	1.16	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	347.45	7.0500	313.34	24.529	10.127	24	1.39	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	353.50	33.000	313.34	24.529	10.127	24	1.64	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	285.75	7.1400	327.81	23.851	9.8915	21	-1.76	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0263	289.94	0.40000	327.81	23.851	9.8915	21	-1.59	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	301.00	18.000	327.81	23.851	9.8915	21	-1.12	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	305.50	37.000	327.81	23.851	9.8915	21	-0.94	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	314.15	14.500	327.81	23.851	9.8915	21	-0.57	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	316.50	1.0000	327.81	23.851	9.8915	21	-0.47	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	319.00	38.000	327.81	23.851	9.8915	21	-0.37	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	320.00	14.000	327.81	23.851	9.8915	21	-0.33	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	322.50	3.0000	327.81	23.851	9.8915	21	-0.22	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	324.75	3.1250	327.81	23.851	9.8915	21	-0.13	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	329.00	8.0000	327.81	23.851	9.8915	21	0.05	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	329.35	3.3000	327.81	23.851	9.8915	21	0.06	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	331.50	11.000	327.81	23.851	9.8915	21	0.15	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	332.32	0.60000	327.81	23.851	9.8915	21	0.19	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	335.82	2.9700	327.81	23.851	9.8915	21	0.34	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	336.77	10.266	327.81	23.851	9.8915	21	0.38	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	344.68	0.76000	327.81	23.851	9.8915	21	0.71	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	348.45	0.50000	327.81	23.851	9.8915	21	0.87	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	362.00	4.0000	327.81	23.851	9.8915	21	1.43	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	363.00	16.000	327.81	23.851	9.8915	21	1.48	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	400.42	14.160	327.81	23.851	9.8915	21	3.04	11%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	353.00	60.000	327.81	23.851	9.8915	21	1.06	4%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	306.00	12.000	327.92	16.304	8.8059	24	-1.34	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	307.95	13.770	327.92	16.304	8.8059	24	-1.23	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	309.40	5.9200	327.92	16.304	8.8059	24	-1.14	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	313.00	4.0000	327.92	16.304	8.8059	24	-0.92	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	316.00	4.0000	327.92	16.304	8.8059	24	-0.73	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	317.28	11.920	327.92	16.304	8.8059	24	-0.65	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	319.40	9.8000	327.92	16.304	8.8059	24	-0.52	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	319.50	1.0000	327.92	16.304	8.8059	24	-0.52	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	321.50	1.0000	327.92	16.304	8.8059	24	-0.39	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0668	321.50	5.0000	327.92	16.304	8.8059	24	-0.39	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	321.50	3.0000	327.92	16.304	8.8059	24	-0.39	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	324.99	8.8100	327.92	16.304	8.8059	24	-0.18	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	325.50	9.0000	327.92	16.304	8.8059	24	-0.15	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	326.90	0.40000	327.92	16.304	8.8059	24	-0.06	0%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	329.00	4.0000	327.92	16.304	8.8059	24	0.07	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0512	330.65	4.5000	327.92	16.304	8.8059	24	0.17	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	332.00	36.000	327.92	16.304	8.8059	24	0.25	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	336.73	0.34110	327.92	16.304	8.8059	24	0.54	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	340.95	3.1000	327.92	16.304	8.8059	24	0.80	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	345.38	0.00000	327.92	16.304	8.8059	24	1.07	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	347.90	17.704	327.92	16.304	8.8059	24	1.23	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	366.00	8.0000	327.92	16.304	8.8059	24	2.34	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0017	370.55	14.076	327.92	16.304	8.8059	24	2.61	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	372.00	34.000	327.92	16.304	8.8059	24	2.70	7%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	328.50	7.0000				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	329.20	1.2000				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	353.00	6.0000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	274.00	16.800				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	318.50	23.000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2144	308.44	3.2600	320.49	12.635	7.0650	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	311.50	5.0000	320.49	12.635	7.0650	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	327.00	8.0000	320.49	12.635	7.0650	4			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	335.00	12.000	320.49	12.635	7.0650	4			0
031.00	Phosphorus, Vol (%)	0895	1.0100	0.00000				2			0
031.00	Phosphorus, Vol (%)	0893	1.1100	0.00000				2			0
031.01	Phosphorus, Photometric (%)	0921	0.71800	0.00000	1.0581	0.04227	0.01558	37	-8.05	16%	0
031.01	Phosphorus, Photometric (%)	0108	0.95000	0.00000	1.0581	0.04227	0.01558	37	-2.56	5%	0
031.01	Phosphorus, Photometric (%)	0674	0.95000	0.00000	1.0581	0.04227	0.01558	37	-2.56	5%	0
031.01	Phosphorus, Photometric (%)	0511	0.99500	0.01000	1.0581	0.04227	0.01558	37	-1.49	3%	0
031.01	Phosphorus, Photometric (%)	0874	0.99950	0.00840	1.0581	0.04227	0.01558	37	-1.39	3%	0
031.01	Phosphorus, Photometric (%)	0885	1.0166	0.00410	1.0581	0.04227	0.01558	37	-0.98	2%	0
031.01	Phosphorus, Photometric (%)	0940	1.0200	0.02000	1.0581	0.04227	0.01558	37	-0.90	2%	0
031.01	Phosphorus, Photometric (%)	0233	1.0250	0.01000	1.0581	0.04227	0.01558	37	-0.78	2%	0
031.01	Phosphorus, Photometric (%)	0590	1.0250	0.01000	1.0581	0.04227	0.01558	37	-0.78	2%	0
031.01	Phosphorus, Photometric (%)	0689	1.0250	0.01000	1.0581	0.04227	0.01558	37	-0.78	2%	0
031.01	Phosphorus, Photometric (%)	0948	1.0370	0.00400	1.0581	0.04227	0.01558	37	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	0722	1.0372	0.00530	1.0581	0.04227	0.01558	37	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	0596	1.0400	0.00000	1.0581	0.04227	0.01558	37	-0.43	1%	0
031.01	Phosphorus, Photometric (%)	0142	1.0485	0.00060	1.0581	0.04227	0.01558	37	-0.23	0%	0
031.01	Phosphorus, Photometric (%)	0650	1.0500	0.06000	1.0581	0.04227	0.01558	37	-0.19	0%	0
031.01	Phosphorus, Photometric (%)	2009	1.0529	0.00050	1.0581	0.04227	0.01558	37	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	0035	1.0600	0.04000	1.0581	0.04227	0.01558	37	0.04	0%	0
031.01	Phosphorus, Photometric (%)	0623	1.0637	0.01260	1.0581	0.04227	0.01558	37	0.13	0%	0
031.01	Phosphorus, Photometric (%)	0208	1.0660	0.00400	1.0581	0.04227	0.01558	37	0.19	0%	0
031.01	Phosphorus, Photometric (%)	0529	1.0700	0.04000	1.0581	0.04227	0.01558	37	0.28	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 (%)	0683	1.0700	0.00000	1.0581	0.04227	0.01558	37	0.28	1%	0
031.01	Phosphorus, Photometric (%)	0939	1.0700	0.00000	1.0581	0.04227	0.01558	37	0.28	1%	0
031.01	Phosphorus, Photometric (%)	0016	1.0750	0.07000	1.0581	0.04227	0.01558	37	0.40	1%	0
031.01	Phosphorus, Photometric (%)	0038	1.0795	0.06500	1.0581	0.04227	0.01558	37	0.51	1%	0
031.01	Phosphorus, Photometric (%)	0629	1.0800	0.00000	1.0581	0.04227	0.01558	37	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0878	1.0800	0.02000	1.0581	0.04227	0.01558	37	0.52	1%	0
031.01	Phosphorus, Photometric (%)	2068	1.0800	0.00000	1.0581	0.04227	0.01558	37	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0653	1.0810	0.00200	1.0581	0.04227	0.01558	37	0.54	1%	0
031.01	Phosphorus, Photometric (%)	2109	1.0825	0.01500	1.0581	0.04227	0.01558	37	0.58	1%	0
031.01	Phosphorus, Photometric (%)	2022	1.0850	0.01000	1.0581	0.04227	0.01558	37	0.64	1%	0
031.01	Phosphorus, Photometric (%)	0849	1.0880	0.00400	1.0581	0.04227	0.01558	37	0.71	1%	0
031.01	Phosphorus, Photometric (%)	0626	1.0930	0.01000	1.0581	0.04227	0.01558	37	0.82	2%	0
031.01	Phosphorus, Photometric (%)	2006	1.1035	0.00100	1.0581	0.04227	0.01558	37	1.07	2%	0
031.01	Phosphorus, Photometric (%)	0884	1.1100	0.02000	1.0581	0.04227	0.01558	37	1.23	2%	0
031.01	Phosphorus, Photometric (%)	0897	1.1150	0.01000	1.0581	0.04227	0.01558	37	1.35	3%	0
031.01	Phosphorus, Photometric (%)	0687	1.1250	0.05000	1.0581	0.04227	0.01558	37	1.58	3%	0
031.01	Phosphorus, Photometric (%)	0552	1.1500	0.06000	1.0581	0.04227	0.01558	37	2.17	4%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	1.0950	0.01000				2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	1.1100	0.02000				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	1.1005	0.02300	1.1140	0.01317	0.02108	4			0
031.03	Phosphorus, Autoanalyzer (%)	0504	1.1050	0.03000	1.1140	0.01317	0.02108	4			0
031.03	Phosphorus, Autoanalyzer (%)	0169	1.1250	0.01000	1.1140	0.01317	0.02108	4			0
031.03	Phosphorus, Autoanalyzer (%)	0036	1.1257	0.02130	1.1140	0.01317	0.02108	4			0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.88500	0.01000	1.0660	0.05120	0.01582	29	-3.53	8%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.97500	0.05000	1.0660	0.05120	0.01582	29	-1.78	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.99500	0.01000	1.0660	0.05120	0.01582	29	-1.39	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	1.0100	0.00000	1.0660	0.05120	0.01582	29	-1.09	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	1.0100	0.02000	1.0660	0.05120	0.01582	29	-1.09	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.0250	0.01000	1.0660	0.05120	0.01582	29	-0.80	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	1.0300	0.04000	1.0660	0.05120	0.01582	29	-0.70	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.0350	0.01000	1.0660	0.05120	0.01582	29	-0.60	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.0419	0.02170	1.0660	0.05120	0.01582	29	-0.47	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	1.0500	0.02000	1.0660	0.05120	0.01582	29	-0.31	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	1.0500	0.00000	1.0660	0.05120	0.01582	29	-0.31	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	1.0550	0.00400	1.0660	0.05120	0.01582	29	-0.21	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	1.0600	0.02000	1.0660	0.05120	0.01582	29	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2145	1.0600	0.02000	1.0660	0.05120	0.01582	29	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.0650	0.01000	1.0660	0.05120	0.01582	29	-0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	1.0710	0.00200	1.0660	0.05120	0.01582	29	0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.0750	0.03000	1.0660	0.05120	0.01582	29	0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.0750	0.01000	1.0660	0.05120	0.01582	29	0.18	0%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.0825	0.01300	1.0660	0.05120	0.01582	29	0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	1.0850	0.05000	1.0660	0.05120	0.01582	29	0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	1.0900	0.04000	1.0660	0.05120	0.01582	29	0.47	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	1.0950	0.01000	1.0660	0.05120	0.01582	29	0.57	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.0950	0.01000	1.0660	0.05120	0.01582	29	0.57	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.1050	0.01000	1.0660	0.05120	0.01582	29	0.76	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	1.1160	0.01600	1.0660	0.05120	0.01582	29	0.98	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	1.1350	0.01000	1.0660	0.05120	0.01582	29	1.35	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	1.1375	0.00200	1.0660	0.05120	0.01582	29	1.40	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.1500	0.00000	1.0660	0.05120	0.01582	29	1.64	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.1550	0.01000	1.0660	0.05120	0.01582	29	1.74	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.95350	0.06540	1.0640	0.05973	0.03427	24	-1.85	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.95500	0.03000	1.0640	0.05973	0.03427	24	-1.83	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.99490	0.06420	1.0640	0.05973	0.03427	24	-1.16	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.0065	0.02700	1.0640	0.05973	0.03427	24	-0.96	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	1.0100	0.02000	1.0640	0.05973	0.03427	24	-0.90	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	1.0150	0.01000	1.0640	0.05973	0.03427	24	-0.82	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.0250	0.05000	1.0640	0.05973	0.03427	24	-0.65	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	1.0355	0.01750	1.0640	0.05973	0.03427	24	-0.48	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	1.0470	0.03000	1.0640	0.05973	0.03427	24	-0.29	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	1.0500	0.02000	1.0640	0.05973	0.03427	24	-0.23	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	1.0550	0.01000	1.0640	0.05973	0.03427	24	-0.15	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.0600	0.02000	1.0640	0.05973	0.03427	24	-0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	1.0750	0.05000	1.0640	0.05973	0.03427	24	0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	1.0800	0.02000	1.0640	0.05973	0.03427	24	0.27	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	1.0850	0.05000	1.0640	0.05973	0.03427	24	0.35	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.0850	0.03000	1.0640	0.05973	0.03427	24	0.35	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.0868	0.02390	1.0640	0.05973	0.03427	24	0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	1.0905	0.04900	1.0640	0.05973	0.03427	24	0.44	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	1.0981	0.00140	1.0640	0.05973	0.03427	24	0.57	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	1.1200	0.04000	1.0640	0.05973	0.03427	24	0.94	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.1350	0.03000	1.0640	0.05973	0.03427	24	1.19	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	1.1350	0.11000	1.0640	0.05973	0.03427	24	1.19	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	1.1450	0.05000	1.0640	0.05973	0.03427	24	1.36	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.1830	0.00400	1.0640	0.05973	0.03427	24	1.99	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.95500	0.01000	1.0682	0.05057	0.01916	25	-2.24	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.99000	0.04000	1.0682	0.05057	0.01916	25	-1.55	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	1.0040	0.01200	1.0682	0.05057	0.01916	25	-1.27	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	1.0100	0.02000	1.0682	0.05057	0.01916	25	-1.15	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.0325	0.03300	1.0682	0.05057	0.01916	25	-0.71	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	1.0400	0.02000	1.0682	0.05057	0.01916	25	-0.56	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	0861	1.0400	0.02000	1.0682	0.05057	0.01916	25	-0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	1.0415	0.04100	1.0682	0.05057	0.01916	25	-0.53	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	1.0500	0.04000	1.0682	0.05057	0.01916	25	-0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	1.0500	0.00000	1.0682	0.05057	0.01916	25	-0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	1.0615	0.01700	1.0682	0.05057	0.01916	25	-0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	1.0650	0.01000	1.0682	0.05057	0.01916	25	-0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	1.0700	0.00000	1.0682	0.05057	0.01916	25	0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	1.0750	0.03000	1.0682	0.05057	0.01916	25	0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.0760	0.01000	1.0682	0.05057	0.01916	25	0.15	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.0800	0.06000	1.0682	0.05057	0.01916	25	0.23	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	1.0800	0.02000	1.0682	0.05057	0.01916	25	0.23	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	1.0900	0.00000	1.0682	0.05057	0.01916	25	0.43	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.0907	0.00520	1.0682	0.05057	0.01916	25	0.44	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	1.0950	0.01000	1.0682	0.05057	0.01916	25	0.53	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.1175	0.03300	1.0682	0.05057	0.01916	25	0.97	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0512	1.1195	0.02300	1.0682	0.05057	0.01916	25	1.01	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	1.1450	0.01000	1.0682	0.05057	0.01916	25	1.52	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	1.1613	0.00490	1.0682	0.05057	0.01916	25	1.84	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.1950	0.01000	1.0682	0.05057	0.01916	25	2.51	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	535.53	1,068.9	1.0682	0.05057	0.01916	25	10569.59	25017%	2
031.44	Phosphorus, ICP, Dry ash (%)	2004	1.0650	0.01000				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.96660	0.00200				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	1.0750	0.01000				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0300	1.0100	0.02000				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	1.0590	0.08400				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.1650	0.25000				3			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.87000	0.02000	1.0233	0.05994	0.01714	7	-2.56	7%	0
031.99	Phosphorus, Miscellaneous (%)	0300	0.97000	0.04000	1.0233	0.05994	0.01714	7	-0.89	3%	0
031.99	Phosphorus, Miscellaneous (%)	0676	1.0250	0.01000	1.0233	0.05994	0.01714	7	0.03	0%	0
031.99	Phosphorus, Miscellaneous (%)	0242	1.0400	0.02000	1.0233	0.05994	0.01714	7	0.28	1%	0
031.99	Phosphorus, Miscellaneous (%)	0100	1.0500	0.02000	1.0233	0.05994	0.01714	7	0.44	1%	0
031.99	Phosphorus, Miscellaneous (%)	2144	1.0700	0.00000	1.0233	0.05994	0.01714	7	0.78	2%	0
031.99	Phosphorus, Miscellaneous (%)	0852	1.0750	0.01000	1.0233	0.05994	0.01714	7	0.86	3%	0
032.02	Potassium, Flame Emission (%)	0504	1.2050	0.05000				2			0
032.02	Potassium, Flame Emission (%)	0884	1.2150	0.03000				2			0
032.31	Potassium, AAS, Dry ash (%)	0683	0.40000	0.00000	1.2123	0.09861	0.02654	13	-8.24	34%	0
032.31	Potassium, AAS, Dry ash (%)	0505	1.1350	0.01000	1.2123	0.09861	0.02654	13	-0.78	3%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.1450	0.01000	1.2123	0.09861	0.02654	13	-0.68	3%	0
032.31	Potassium, AAS, Dry ash (%)	0014	1.1650	0.05000	1.2123	0.09861	0.02654	13	-0.48	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.1850	0.01000	1.2123	0.09861	0.02654	13	-0.28	1%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.1895	0.09500	1.2123	0.09861	0.02654	13	-0.23	1%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.31	Potassium, AAS, Dry ash (%)	0038	1.1943	0.02650	1.2123	0.09861	0.02654	13	-0.18	1%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.2000	0.04000	1.2123	0.09861	0.02654	13	-0.12	1%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.2100	0.04000	1.2123	0.09861	0.02654	13	-0.02	0%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.2400	0.02000	1.2123	0.09861	0.02654	13	0.28	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.3115	0.00100	1.2123	0.09861	0.02654	13	1.01	4%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.3752	0.01250	1.2123	0.09861	0.02654	13	1.65	7%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.4150	0.03000	1.2123	0.09861	0.02654	13	2.06	8%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.0950	0.05000				2			0
032.32	Potassium, AAS, Open vessel (%)	0035	1.2700	0.02000				2			0
032.33	Potassium, AAS, Microwave (%)	0612	1.3150	0.03000				1			0
032.41	Potassium, ICP, Dry ash (%)	0019	1.1250	0.05000	1.1957	0.05270	0.02194	25	-1.34	3%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.1250	0.01000	1.1957	0.05270	0.02194	25	-1.34	3%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.1300	0.02000	1.1957	0.05270	0.02194	25	-1.25	3%	0
032.41	Potassium, ICP, Dry ash (%)	0720	1.1450	0.01000	1.1957	0.05270	0.02194	25	-0.96	2%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.1450	0.01000	1.1957	0.05270	0.02194	25	-0.96	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.1550	0.05000	1.1957	0.05270	0.02194	25	-0.77	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.1550	0.07000	1.1957	0.05270	0.02194	25	-0.77	2%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.1700	0.00000	1.1957	0.05270	0.02194	25	-0.49	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.1750	0.07000	1.1957	0.05270	0.02194	25	-0.39	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.1800	0.02000	1.1957	0.05270	0.02194	25	-0.30	1%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.1865	0.00700	1.1957	0.05270	0.02194	25	-0.17	0%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.1885	0.02300	1.1957	0.05270	0.02194	25	-0.14	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.1900	0.08000	1.1957	0.05270	0.02194	25	-0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.1950	0.01000	1.1957	0.05270	0.02194	25	-0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.1980	0.00000	1.1957	0.05270	0.02194	25	0.04	0%	0
032.41	Potassium, ICP, Dry ash (%)	0878	1.2000	0.00000	1.1957	0.05270	0.02194	25	0.08	0%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.2200	0.02000	1.1957	0.05270	0.02194	25	0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.2250	0.01000	1.1957	0.05270	0.02194	25	0.56	1%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.2345	0.01090	1.1957	0.05270	0.02194	25	0.74	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.2428	0.00260	1.1957	0.05270	0.02194	25	0.89	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.2450	0.01000	1.1957	0.05270	0.02194	25	0.94	2%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.2450	0.03000	1.1957	0.05270	0.02194	25	0.94	2%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.2695	0.02500	1.1957	0.05270	0.02194	25	1.40	3%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.2720	0.00000	1.1957	0.05270	0.02194	25	1.45	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.3250	0.01000	1.1957	0.05270	0.02194	25	2.45	5%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.1400	0.14000	1.1957	0.05270	0.02194	25	-1.06	2%	1
032.42	Potassium, ICP, Open vessel (%)	0035	1.1350	0.01000	1.2195	0.06592	0.03387	23	-1.28	3%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.1400	0.00000	1.2195	0.06592	0.03387	23	-1.21	3%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.1550	0.03000	1.2195	0.06592	0.03387	23	-0.98	3%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.1550	0.13000	1.2195	0.06592	0.03387	23	-0.98	3%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.1600	0.02000	1.2195	0.06592	0.03387	23	-0.90	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.42	Potassium, ICP, Open vessel (%)	0045	1.1700	0.02000	1.2195	0.06592	0.03387	23	-0.75	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.1730	0.03600	1.2195	0.06592	0.03387	23	-0.70	2%	0
032.42	Potassium, ICP, Open vessel (%)	0047	1.1750	0.03000	1.2195	0.06592	0.03387	23	-0.67	2%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.1880	0.03800	1.2195	0.06592	0.03387	23	-0.48	1%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.1926	0.08480	1.2195	0.06592	0.03387	23	-0.41	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.2050	0.01000	1.2195	0.06592	0.03387	23	-0.22	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.2125	0.01500	1.2195	0.06592	0.03387	23	-0.11	0%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.2250	0.03000	1.2195	0.06592	0.03387	23	0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.2350	0.01000	1.2195	0.06592	0.03387	23	0.24	1%	0
032.42	Potassium, ICP, Open vessel (%)	0555	1.2395	0.03300	1.2195	0.06592	0.03387	23	0.30	1%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.2524	0.00160	1.2195	0.06592	0.03387	23	0.50	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.2650	0.03000	1.2195	0.06592	0.03387	23	0.69	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.2650	0.01000	1.2195	0.06592	0.03387	23	0.69	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.2750	0.05000	1.2195	0.06592	0.03387	23	0.84	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.2900	0.02000	1.2195	0.06592	0.03387	23	1.07	3%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.3030	0.01400	1.2195	0.06592	0.03387	23	1.27	3%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.3387	0.04650	1.2195	0.06592	0.03387	23	1.81	5%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.4850	0.11000	1.2195	0.06592	0.03387	23	4.03	11%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.0475	0.00500	1.2059	0.07012	0.02155	24	-2.26	7%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.0900	0.04000	1.2059	0.07012	0.02155	24	-1.65	5%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.1100	0.04000	1.2059	0.07012	0.02155	24	-1.37	4%	0
032.43	Potassium, ICP, Microwave (%)	0034	1.1305	0.03700	1.2059	0.07012	0.02155	24	-1.08	3%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.1510	0.00400	1.2059	0.07012	0.02155	24	-0.78	2%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.1600	0.06000	1.2059	0.07012	0.02155	24	-0.65	2%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.1700	0.00000	1.2059	0.07012	0.02155	24	-0.51	1%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.1850	0.05000	1.2059	0.07012	0.02155	24	-0.30	1%	0
032.43	Potassium, ICP, Microwave (%)	0512	1.1880	0.01600	1.2059	0.07012	0.02155	24	-0.26	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.1895	0.03330	1.2059	0.07012	0.02155	24	-0.23	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.1900	0.02000	1.2059	0.07012	0.02155	24	-0.23	1%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.2000	0.00000	1.2059	0.07012	0.02155	24	-0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.2100	0.04000	1.2059	0.07012	0.02155	24	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.2200	0.02000	1.2059	0.07012	0.02155	24	0.20	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.2230	0.01400	1.2059	0.07012	0.02155	24	0.24	1%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.2250	0.01000	1.2059	0.07012	0.02155	24	0.27	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.2300	0.04000	1.2059	0.07012	0.02155	24	0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.2450	0.01000	1.2059	0.07012	0.02155	24	0.56	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.2600	0.00000	1.2059	0.07012	0.02155	24	0.77	2%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.2700	0.00800	1.2059	0.07012	0.02155	24	0.91	3%	0
032.43	Potassium, ICP, Microwave (%)	0668	1.2800	0.04000	1.2059	0.07012	0.02155	24	1.06	3%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.2820	0.01000	1.2059	0.07012	0.02155	24	1.09	3%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.3100	0.02000	1.2059	0.07012	0.02155	24	1.48	4%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0089	1.4800	0.00000	1.2059	0.07012	0.02155	24	3.91	11%	0
032.44	Potassium, ICP, Dry ash (%)	2004	1.1250	0.01000				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.1139	0.00980				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.2200	0.02000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	1.0000	0.00000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.1700	0.02000				2			0
032.99	Potassium, Miscellaneous (%)	0889	0.63500	0.03000				3			0
032.99	Potassium, Miscellaneous (%)	0242	1.1200	0.00000				3			0
032.99	Potassium, Miscellaneous (%)	0100	1.1800	0.00000				3			0
033.00	Salt as chloride, Sol Cl (%)	0171	2.9050	0.11000	3.1650	0.12283	0.04682	21	-2.12	4%	0
033.00	Salt as chloride, Sol Cl (%)	0675	2.9850	0.03000	3.1650	0.12283	0.04682	21	-1.47	3%	0
033.00	Salt as chloride, Sol Cl (%)	0893	3.0300	0.00000	3.1650	0.12283	0.04682	21	-1.10	2%	0
033.00	Salt as chloride, Sol Cl (%)	0511	3.0550	0.15000	3.1650	0.12283	0.04682	21	-0.90	2%	0
033.00	Salt as chloride, Sol Cl (%)	0298	3.0700	0.02000	3.1650	0.12283	0.04682	21	-0.77	2%	0
033.00	Salt as chloride, Sol Cl (%)	0693	3.0800	0.01000	3.1650	0.12283	0.04682	21	-0.69	1%	0
033.00	Salt as chloride, Sol Cl (%)	0895	3.1150	0.01000	3.1650	0.12283	0.04682	21	-0.41	1%	0
033.00	Salt as chloride, Sol Cl (%)	2022	3.1350	0.03000	3.1650	0.12283	0.04682	21	-0.24	0%	0
033.00	Salt as chloride, Sol Cl (%)	2068	3.1400	0.00000	3.1650	0.12283	0.04682	21	-0.20	0%	0
033.00	Salt as chloride, Sol Cl (%)	0878	3.1500	0.08000	3.1650	0.12283	0.04682	21	-0.12	0%	0
033.00	Salt as chloride, Sol Cl (%)	0884	3.1550	0.01000	3.1650	0.12283	0.04682	21	-0.08	0%	0
033.00	Salt as chloride, Sol Cl (%)	0353	3.1900	0.04000	3.1650	0.12283	0.04682	21	0.20	0%	0
033.00	Salt as chloride, Sol Cl (%)	0504	3.1950	0.15000	3.1650	0.12283	0.04682	21	0.24	0%	0
033.00	Salt as chloride, Sol Cl (%)	2009	3.2023	0.00460	3.1650	0.12283	0.04682	21	0.30	1%	0
033.00	Salt as chloride, Sol Cl (%)	0897	3.2200	0.02000	3.1650	0.12283	0.04682	21	0.45	1%	0
033.00	Salt as chloride, Sol Cl (%)	0885	3.2327	0.03280	3.1650	0.12283	0.04682	21	0.55	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	3.2500	0.12000	3.1650	0.12283	0.04682	21	0.69	1%	0
033.00	Salt as chloride, Sol Cl (%)	0539	3.2700	0.06000	3.1650	0.12283	0.04682	21	0.85	2%	0
033.00	Salt as chloride, Sol Cl (%)	0169	3.3200	0.00000	3.1650	0.12283	0.04682	21	1.26	2%	0
033.00	Salt as chloride, Sol Cl (%)	0366	3.3400	0.08000	3.1650	0.12283	0.04682	21	1.42	3%	0
033.00	Salt as chloride, Sol Cl (%)	0309	3.6465	0.02590	3.1650	0.12283	0.04682	21	3.92	8%	0
033.00	Salt as chloride, Sol Cl (%)	0683	0.09000	0.00000	3.1650	0.12283	0.04682	21	-25.04	49%	2
033.01	Salt as chloride, Poten Cl (%)	0011	3.1031	0.00000	3.2612	0.06677	0.02700	32	-2.37	2%	0
033.01	Salt as chloride, Poten Cl (%)	0425	3.1550	0.09000	3.2612	0.06677	0.02700	32	-1.59	2%	0
033.01	Salt as chloride, Poten Cl (%)	0510	3.1700	0.00000	3.2612	0.06677	0.02700	32	-1.37	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	3.1850	0.03000	3.2612	0.06677	0.02700	32	-1.14	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	3.1950	0.05000	3.2612	0.06677	0.02700	32	-0.99	1%	0
033.01	Salt as chloride, Poten Cl (%)	0964	3.1955	0.01500	3.2612	0.06677	0.02700	32	-0.98	1%	0
033.01	Salt as chloride, Poten Cl (%)	0003	3.2000	0.00000	3.2612	0.06677	0.02700	32	-0.92	1%	0
033.01	Salt as chloride, Poten Cl (%)	2109	3.2185	0.05900	3.2612	0.06677	0.02700	32	-0.64	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	3.2200	0.06000	3.2612	0.06677	0.02700	32	-0.62	1%	0
033.01	Salt as chloride, Poten Cl (%)	0874	3.2200	0.00000	3.2612	0.06677	0.02700	32	-0.62	1%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Poten Cl (%)	0229	3.2325	0.00300	3.2612	0.06677	0.02700	32	-0.43	0%	0
033.01	Salt as chloride, Poten Cl (%)	2146	3.2350	0.01000	3.2612	0.06677	0.02700	32	-0.39	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	3.2465	0.00500	3.2612	0.06677	0.02700	32	-0.22	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	3.2550	0.03000	3.2612	0.06677	0.02700	32	-0.09	0%	0
033.01	Salt as chloride, Poten Cl (%)	0861	3.2600	0.02000	3.2612	0.06677	0.02700	32	-0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	3.2650	0.01000	3.2612	0.06677	0.02700	32	0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	3.2650	0.03000	3.2612	0.06677	0.02700	32	0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0199	3.2700	0.02000	3.2612	0.06677	0.02700	32	0.13	0%	0
033.01	Salt as chloride, Poten Cl (%)	0644	3.2738	0.02190	3.2612	0.06677	0.02700	32	0.19	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	3.2850	0.03000	3.2612	0.06677	0.02700	32	0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	3.2900	0.00000	3.2612	0.06677	0.02700	32	0.43	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	3.2900	0.02000	3.2612	0.06677	0.02700	32	0.43	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	3.2900	0.02000	3.2612	0.06677	0.02700	32	0.43	0%	0
033.01	Salt as chloride, Poten Cl (%)	0019	3.2950	0.05000	3.2612	0.06677	0.02700	32	0.51	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	3.3000	0.04000	3.2612	0.06677	0.02700	32	0.58	1%	0
033.01	Salt as chloride, Poten Cl (%)	0001	3.3050	0.03000	3.2612	0.06677	0.02700	32	0.66	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	3.3100	0.02000	3.2612	0.06677	0.02700	32	0.73	1%	0
033.01	Salt as chloride, Poten Cl (%)	0629	3.3200	0.04000	3.2612	0.06677	0.02700	32	0.88	1%	0
033.01	Salt as chloride, Poten Cl (%)	0413	3.3750	0.03000	3.2612	0.06677	0.02700	32	1.70	2%	0
033.01	Salt as chloride, Poten Cl (%)	0278	3.3900	0.02000	3.2612	0.06677	0.02700	32	1.93	2%	0
033.01	Salt as chloride, Poten Cl (%)	0596	3.4550	0.09000	3.2612	0.06677	0.02700	32	2.90	3%	0
033.01	Salt as chloride, Poten Cl (%)	0186	3.4900	0.02000	3.2612	0.06677	0.02700	32	3.43	4%	0
033.01	Salt as chloride, Poten Cl (%)	0650	3.0700	0.26000	3.2612	0.06677	0.02700	32	-2.86	3%	1
033.01	Salt as chloride, Poten Cl (%)	0683	2.0000	0.02000	3.2612	0.06677	0.02700	32	-18.89	19%	2
033.03	Salt as chloride, Quantab (%)	0505	2.5550	0.03000	3.2563	0.47310	0.22250	4			0
033.03	Salt as chloride, Quantab (%)	0144	3.3900	0.14000	3.2563	0.47310	0.22250	4			0
033.03	Salt as chloride, Quantab (%)	0265	3.5200	0.44000	3.2563	0.47310	0.22250	4			0
033.03	Salt as chloride, Quantab (%)	0190	3.5600	0.28000	3.2563	0.47310	0.22250	4			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0955	3.1150	0.19000				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	3.1750	0.05000				2			0
033.99	Salt, Miscellaneous (%)	0358	2.3550	0.03000	3.0441	0.48926	0.04210	10	-1.41	11%	0
033.99	Salt, Miscellaneous (%)	0017	2.4835	0.00500	3.0441	0.48926	0.04210	10	-1.15	9%	0
033.99	Salt, Miscellaneous (%)	0027	2.5520	0.06600	3.0441	0.48926	0.04210	10	-1.01	8%	0
033.99	Salt, Miscellaneous (%)	0910	3.1000	0.04000	3.0441	0.48926	0.04210	10	0.11	1%	0
033.99	Salt, Miscellaneous (%)	0552	3.1550	0.09000	3.0441	0.48926	0.04210	10	0.23	2%	0
033.99	Salt, Miscellaneous (%)	2073	3.2150	0.01000	3.0441	0.48926	0.04210	10	0.35	3%	0
033.99	Salt, Miscellaneous (%)	2145	3.2400	0.00000	3.0441	0.48926	0.04210	10	0.40	3%	0
033.99	Salt, Miscellaneous (%)	2144	3.2650	0.05000	3.0441	0.48926	0.04210	10	0.45	4%	0
033.99	Salt, Miscellaneous (%)	0208	3.4250	0.13000	3.0441	0.48926	0.04210	10	0.78	6%	0
033.99	Salt, Miscellaneous (%)	0682	3.6500	0.00000	3.0441	0.48926	0.04210	10	1.24	10%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	1.3100	0.20000	1.7033	0.37036	0.12333	6	-1.06	12%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	1.4750	0.05000	1.7033	0.37036	0.12333	6	-0.62	7%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	1.5450	0.11000	1.7033	0.37036	0.12333	6	-0.43	5%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	1.7950	0.21000	1.7033	0.37036	0.12333	6	0.25	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	1.8800	0.12000	1.7033	0.37036	0.12333	6	0.48	5%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	2.2150	0.05000	1.7033	0.37036	0.12333	6	1.38	15%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	1.0900	0.14000				2			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0148	1.4650	0.13000				2			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	2.0000	0.00000				2			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0190	2.3050	0.01000				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	1.5250	0.25000				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0955	1.9000	0.10000				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	2.0005	0.04640				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.8100	0.14000	1.9102	0.13737	0.11000	6	-0.73	3%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	1.8400	0.10000	1.9102	0.13737	0.11000	6	-0.51	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	1.8450	0.05000	1.9102	0.13737	0.11000	6	-0.47	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.8500	0.10000	1.9102	0.13737	0.11000	6	-0.44	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0016	2.0000	0.04000	1.9102	0.13737	0.11000	6	0.65	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	2.3650	0.23000	1.9102	0.13737	0.11000	6	3.31	12%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2012	1.7750	0.03000	1.8664	0.07084	0.03843	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	1.8657	0.01370	1.8664	0.07084	0.03843	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	1.8775	0.05900	1.8664	0.07084	0.03843	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0560	1.9475	0.05100	1.8664	0.07084	0.03843	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	1.2395	0.04500	1.8664	0.07084	0.03843	4			2
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0512	1.6265	0.01300				1			0
035.01	Sodium, Ion-selective electrode (%)	0689	0.72500	0.01000				2			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.95450	0.01700				2			0
035.02	Sodium, Em Spect (%)	0884	0.82000	0.00000				1			0
035.05	Sodium, Flame Emission (%)	0108	1.0000	0.02000				2			0
035.05	Sodium, Flame Emission (%)	0504	1.0150	0.01000				2			0
035.31	Sodium, AAS, Dry ash (%)	0683	0.09000	0.00000	0.92133	0.10333	0.01203	11	-8.05	45%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.75500	0.01000	0.92133	0.10333	0.01203	11	-1.61	9%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.88500	0.01000	0.92133	0.10333	0.01203	11	-0.35	2%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.89000	0.00000	0.92133	0.10333	0.01203	11	-0.30	2%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.90500	0.01000	0.92133	0.10333	0.01203	11	-0.16	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.95100	0.01200	0.92133	0.10333	0.01203	11	0.29	2%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.95480	0.01460	0.92133	0.10333	0.01203	11	0.32	2%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.97300	0.01200	0.92133	0.10333	0.01203	11	0.50	3%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.98050	0.01700	0.92133	0.10333	0.01203	11	0.57	3%	0
035.31	Sodium, AAS, Dry ash (%)	2097	1.0267	0.04470	0.92133	0.10333	0.01203	11	1.02	6%	0
035.31	Sodium, AAS, Dry ash (%)	0948	1.0360	0.00200	0.92133	0.10333	0.01203	11	1.11	6%	0
035.31	Sodium, AAS, Dry ash (%)	0650	1.0350	0.25000	0.92133	0.10333	0.01203	11	1.10	6%	1

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.32	Sodium, AAS, Open vessel (%)	0169	0.85200	0.01800				2			0
035.32	Sodium, AAS, Open vessel (%)	0035	0.94000	0.02000				2			0
035.33	Sodium, AAS, Microwave (%)	0300	0.94500	0.03000				1			0
035.41	Sodium, ICP, Dry ash (%)	0511	0.45500	0.03000	0.92138	0.04909	0.01800	26	-9.50	25%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.45600	0.01200	0.92138	0.04909	0.01800	26	-9.48	25%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.85000	0.02000	0.92138	0.04909	0.01800	26	-1.45	4%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.87500	0.05000	0.92138	0.04909	0.01800	26	-0.94	3%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.88000	0.02000	0.92138	0.04909	0.01800	26	-0.84	2%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.88500	0.03000	0.92138	0.04909	0.01800	26	-0.74	2%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.89000	0.02000	0.92138	0.04909	0.01800	26	-0.64	2%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.89500	0.01000	0.92138	0.04909	0.01800	26	-0.54	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.89835	0.00430	0.92138	0.04909	0.01800	26	-0.47	1%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.90000	0.02000	0.92138	0.04909	0.01800	26	-0.44	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.90825	0.02370	0.92138	0.04909	0.01800	26	-0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.92350	0.00100	0.92138	0.04909	0.01800	26	0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.92375	0.01010	0.92138	0.04909	0.01800	26	0.05	0%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.92500	0.01000	0.92138	0.04909	0.01800	26	0.07	0%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.93000	0.00000	0.92138	0.04909	0.01800	26	0.18	0%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.93500	0.01000	0.92138	0.04909	0.01800	26	0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.93500	0.00400	0.92138	0.04909	0.01800	26	0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.94000	0.02000	0.92138	0.04909	0.01800	26	0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.94000	0.04000	0.92138	0.04909	0.01800	26	0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.95500	0.05000	0.92138	0.04909	0.01800	26	0.68	2%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.96200	0.00600	0.92138	0.04909	0.01800	26	0.83	2%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.97000	0.02000	0.92138	0.04909	0.01800	26	0.99	3%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.97000	0.00400	0.92138	0.04909	0.01800	26	0.99	3%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.97950	0.01300	0.92138	0.04909	0.01800	26	1.18	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	1.0150	0.01000	0.92138	0.04909	0.01800	26	1.91	5%	0
035.41	Sodium, ICP, Dry ash (%)	0619	1.0950	0.03000	0.92138	0.04909	0.01800	26	3.54	9%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.84500	0.09000	0.94882	0.04988	0.02982	18	-2.08	5%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.88500	0.03200	0.94882	0.04988	0.02982	18	-1.28	3%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.89500	0.01000	0.94882	0.04988	0.02982	18	-1.08	3%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.90500	0.07000	0.94882	0.04988	0.02982	18	-0.88	2%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.91500	0.01000	0.94882	0.04988	0.02982	18	-0.68	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.91500	0.03000	0.94882	0.04988	0.02982	18	-0.68	2%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.93630	0.03540	0.94882	0.04988	0.02982	18	-0.25	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.94050	0.00100	0.94882	0.04988	0.02982	18	-0.17	0%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.94580	0.04440	0.94882	0.04988	0.02982	18	-0.06	0%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.94760	0.00400	0.94882	0.04988	0.02982	18	-0.02	0%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.96000	0.00000	0.94882	0.04988	0.02982	18	0.22	1%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.98000	0.04000	0.94882	0.04988	0.02982	18	0.63	2%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.42	Sodium, ICP, Open vessel (%)	0186	0.98350	0.06500	0.94882	0.04988	0.02982	18	0.70	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.98500	0.03000	0.94882	0.04988	0.02982	18	0.73	2%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.99250	0.02300	0.94882	0.04988	0.02982	18	0.88	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.99500	0.01000	0.94882	0.04988	0.02982	18	0.93	2%	0
035.42	Sodium, ICP, Open vessel (%)	0294	1.0000	0.04000	0.94882	0.04988	0.02982	18	1.03	3%	0
035.42	Sodium, ICP, Open vessel (%)	0726	1.0470	0.00200	0.94882	0.04988	0.02982	18	1.97	5%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.77500	0.03000	0.92369	0.05633	0.01828	21	-2.64	8%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.85000	0.00200	0.92369	0.05633	0.01828	21	-1.31	4%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.86000	0.02000	0.92369	0.05633	0.01828	21	-1.13	3%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.86500	0.01000	0.92369	0.05633	0.01828	21	-1.04	3%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.89180	0.06620	0.92369	0.05633	0.01828	21	-0.57	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.90500	0.01000	0.92369	0.05633	0.01828	21	-0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.90500	0.01000	0.92369	0.05633	0.01828	21	-0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.90750	0.00700	0.92369	0.05633	0.01828	21	-0.29	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.91000	0.00000	0.92369	0.05633	0.01828	21	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.91000	0.00000	0.92369	0.05633	0.01828	21	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.92000	0.04000	0.92369	0.05633	0.01828	21	-0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.92000	0.00800	0.92369	0.05633	0.01828	21	-0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.92500	0.01000	0.92369	0.05633	0.01828	21	0.02	0%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.93550	0.02500	0.92369	0.05633	0.01828	21	0.21	1%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.94200	0.01200	0.92369	0.05633	0.01828	21	0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.94500	0.01000	0.92369	0.05633	0.01828	21	0.38	1%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.96500	0.03000	0.92369	0.05633	0.01828	21	0.73	2%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.97700	0.00200	0.92369	0.05633	0.01828	21	0.95	3%	0
035.43	Sodium, ICP, Microwave (%)	0610	1.0200	0.02000	0.92369	0.05633	0.01828	21	1.71	5%	0
035.43	Sodium, ICP, Microwave (%)	0964	1.0208	0.01360	0.92369	0.05633	0.01828	21	1.72	5%	0
035.43	Sodium, ICP, Microwave (%)	0668	1.0210	0.05800	0.92369	0.05633	0.01828	21	1.73	5%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.90990	0.05680				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.95650	0.00100				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.89550	0.06500				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.90800	0.03000				2			0
035.99	Sodium, Miscellaneous (%)	0590	0.92000	0.08000	0.95000	0.03764	0.04500	4			0
035.99	Sodium, Miscellaneous (%)	0242	0.93500	0.03000	0.95000	0.03764	0.04500	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.94000	0.04000	0.95000	0.03764	0.04500	4			0
035.99	Sodium, Miscellaneous (%)	0889	1.0050	0.03000	0.95000	0.03764	0.04500	4			0
036.04	Sulfur, LECO (%)	2053	0.31500	0.01000				2			0
036.04	Sulfur, LECO (%)	0226	0.38000	0.02000				2			0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.29750	0.02080	0.33134	0.02517	0.00893	17	-1.34	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.30000	0.02000	0.33134	0.02517	0.00893	17	-1.25	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.30550	0.01300	0.33134	0.02517	0.00893	17	-1.03	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.31450	0.00500	0.33134	0.02517	0.00893	17	-0.67	3%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
036.42	Sulfur, ICP, Open vessel (%)	0186	0.31800	0.00600	0.33134	0.02517	0.00893	17	-0.53	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.32000	0.02000	0.33134	0.02517	0.00893	17	-0.45	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.32450	0.00100	0.33134	0.02517	0.00893	17	-0.27	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.32800	0.01160	0.33134	0.02517	0.00893	17	-0.13	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.33000	0.00000	0.33134	0.02517	0.00893	17	-0.05	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.33235	0.00290	0.33134	0.02517	0.00893	17	0.04	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.33300	0.00200	0.33134	0.02517	0.00893	17	0.07	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.33580	0.00360	0.33134	0.02517	0.00893	17	0.18	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.34050	0.02100	0.33134	0.02517	0.00893	17	0.36	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.35000	0.00000	0.33134	0.02517	0.00893	17	0.74	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.36495	0.00490	0.33134	0.02517	0.00893	17	1.34	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.37000	0.00000	0.33134	0.02517	0.00893	17	1.54	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.40000	0.02000	0.33134	0.02517	0.00893	17	2.73	10%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.32500	0.05000	0.33134	0.02517	0.00893	17	-0.25	1%	1
036.43	Sulfur, ICP, Microwave (%)	0297	0.30000	0.00000	0.32868	0.02636	0.00548	13	-1.09	4%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.30000	0.02000	0.32868	0.02636	0.00548	13	-1.09	4%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.30300	0.00000	0.32868	0.02636	0.00548	13	-0.97	4%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.31000	0.00000	0.32868	0.02636	0.00548	13	-0.71	3%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.31500	0.01000	0.32868	0.02636	0.00548	13	-0.52	2%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.31600	0.00200	0.32868	0.02636	0.00548	13	-0.48	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.33410	0.01020	0.32868	0.02636	0.00548	13	0.21	1%	0
036.43	Sulfur, ICP, Microwave (%)	0668	0.33700	0.00600	0.32868	0.02636	0.00548	13	0.32	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.34000	0.00000	0.32868	0.02636	0.00548	13	0.43	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.34050	0.00500	0.32868	0.02636	0.00548	13	0.45	2%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.34400	0.00000	0.32868	0.02636	0.00548	13	0.58	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.36500	0.01000	0.32868	0.02636	0.00548	13	1.38	6%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.39300	0.00800	0.32868	0.02636	0.00548	13	2.44	10%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.31245	0.00650				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.34350	0.00300				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.34000	0.00000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.36000	0.00000				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	191.50	5.0000	350.58	12.602	10.881	13	-12.62	23%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0596	327.10	1.4000	350.58	12.602	10.881	13	-1.86	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	343.37	34.329	350.58	12.602	10.881	13	-0.57	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	345.50	5.0000	350.58	12.602	10.881	13	-0.40	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	347.50	5.0000	350.58	12.602	10.881	13	-0.24	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0884	348.65	17.300	350.58	12.602	10.881	13	-0.15	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	349.90	0.60000	350.58	12.602	10.881	13	-0.05	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2149	355.33	3.0500	350.58	12.602	10.881	13	0.38	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	355.50	15.000	350.58	12.602	10.881	13	0.39	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	356.70	3.4000	350.58	12.602	10.881	13	0.49	1%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	358.80	7.6800	350.58	12.602	10.881	13	0.65	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	363.50	25.000	350.58	12.602	10.881	13	1.02	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	370.05	18.700	350.58	12.602	10.881	13	1.54	3%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	328.08	6.8500				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	378.30	6.6000				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	415.00	18.000				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	328.14	0.57900				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	350.00	20.000				2			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	153.84	0.53000	337.38	28.792	11.292	24	-6.37	27%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	280.97	0.67000	337.38	28.792	11.292	24	-1.96	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	299.50	9.0000	337.38	28.792	11.292	24	-1.32	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	302.39	4.0800	337.38	28.792	11.292	24	-1.22	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2145	316.48	2.9200	337.38	28.792	11.292	24	-0.73	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	317.75	10.330	337.38	28.792	11.292	24	-0.68	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	320.50	17.000	337.38	28.792	11.292	24	-0.59	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	325.58	6.8200	337.38	28.792	11.292	24	-0.41	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	328.77	3.4400	337.38	28.792	11.292	24	-0.30	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	332.50	45.000	337.38	28.792	11.292	24	-0.17	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	336.80	9.6000	337.38	28.792	11.292	24	-0.02	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	337.40	16.040	337.38	28.792	11.292	24	0.00	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	340.00	26.000	337.38	28.792	11.292	24	0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	340.45	4.1000	337.38	28.792	11.292	24	0.11	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	344.45	7.5000	337.38	28.792	11.292	24	0.25	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	351.01	12.990	337.38	28.792	11.292	24	0.47	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	351.60	10.400	337.38	28.792	11.292	24	0.49	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	353.00	10.000	337.38	28.792	11.292	24	0.54	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	353.26	5.0900	337.38	28.792	11.292	24	0.55	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	358.00	10.000	337.38	28.792	11.292	24	0.72	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	366.50	12.200	337.38	28.792	11.292	24	1.01	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	374.06	4.0974	337.38	28.792	11.292	24	1.27	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	378.10	5.2000	337.38	28.792	11.292	24	1.41	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	390.00	38.000	337.38	28.792	11.292	24	1.83	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	374.00	68.000	337.38	28.792	11.292	24	1.27	5%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	272.70	7.6000	348.52	30.669	13.825	20	-2.47	11%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	299.15	9.9000	348.52	30.669	13.825	20	-1.61	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	303.00	10.000	348.52	30.669	13.825	20	-1.48	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0263	316.22	0.73000	348.52	30.669	13.825	20	-1.05	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	333.75	2.5000	348.52	30.669	13.825	20	-0.48	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	338.00	48.000	348.52	30.669	13.825	20	-0.34	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	338.15	4.3000	348.52	30.669	13.825	20	-0.34	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	338.50	23.000	348.52	30.669	13.825	20	-0.33	1%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	346.00	8.0000	348.52	30.669	13.825	20	-0.08	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	351.00	64.000	348.52	30.669	13.825	20	0.08	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	355.50	61.000	348.52	30.669	13.825	20	0.23	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	357.67	7.5400	348.52	30.669	13.825	20	0.30	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	359.32	7.6850	348.52	30.669	13.825	20	0.35	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	365.50	1.0000	348.52	30.669	13.825	20	0.55	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	365.53	0.15700	348.52	30.669	13.825	20	0.55	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	367.50	3.0000	348.52	30.669	13.825	20	0.62	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	374.47	5.5800	348.52	30.669	13.825	20	0.85	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	377.55	0.70000	348.52	30.669	13.825	20	0.95	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	384.20	8.8000	348.52	30.669	13.825	20	1.16	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	393.50	3.0000	348.52	30.669	13.825	20	1.47	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	443.15	179.30	348.52	30.669	13.825	20	3.09	14%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	993.50	9.0000	348.52	30.669	13.825	20	21.03	93%	2
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	316.50	21.000	345.82	26.478	8.7906	22	-1.11	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	317.50	3.0000	345.82	26.478	8.7906	22	-1.07	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	318.05	10.030	345.82	26.478	8.7906	22	-1.05	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0668	324.50	3.0000	345.82	26.478	8.7906	22	-0.81	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	327.55	4.5000	345.82	26.478	8.7906	22	-0.69	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	328.24	0.29000	345.82	26.478	8.7906	22	-0.66	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	328.50	3.0000	345.82	26.478	8.7906	22	-0.65	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	330.60	0.79000	345.82	26.478	8.7906	22	-0.58	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	332.00	22.000	345.82	26.478	8.7906	22	-0.52	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	338.00	0.00000	345.82	26.478	8.7906	22	-0.30	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	339.23	0.00000	345.82	26.478	8.7906	22	-0.25	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	343.63	18.070	345.82	26.478	8.7906	22	-0.08	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	344.50	5.0000	345.82	26.478	8.7906	22	-0.05	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	345.90	6.4000	345.82	26.478	8.7906	22	0.00	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	348.00	2.0000	345.82	26.478	8.7906	22	0.08	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	349.00	8.0000	345.82	26.478	8.7906	22	0.12	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	365.97	6.4735	345.82	26.478	8.7906	22	0.76	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	375.50	20.600	345.82	26.478	8.7906	22	1.12	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	378.52	31.947	345.82	26.478	8.7906	22	1.24	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	385.29	12.693	345.82	26.478	8.7906	22	1.49	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0512	392.40	11.600	345.82	26.478	8.7906	22	1.76	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	432.50	3.0000	345.82	26.478	8.7906	22	3.27	13%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	335.00	52.000	345.82	26.478	8.7906	22	-0.41	2%	1
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	351.50	9.0000				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	275.55	0.30000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	336.50	13.000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	247.15	13.100				2			0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	438.50	117.00				2			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2144	300.29	10.910	349.88	34.801	14.118	6	-1.43	7%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	331.00	6.0000	349.88	34.801	14.118	6	-0.54	3%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	352.50	12.800	349.88	34.801	14.118	6	0.08	0%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	355.00	10.000	349.88	34.801	14.118	6	0.15	1%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	377.50	13.000	349.88	34.801	14.118	6	0.79	4%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	383.00	32.000	349.88	34.801	14.118	6	0.95	5%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	6.3500	0.38000	7.3312	0.73610	0.39288	4			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	7.2050	0.11000	7.3312	0.73610	0.39288	4			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0148	7.7550	0.81000	7.3312	0.73610	0.39288	4			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	8.0148	0.27150	7.3312	0.73610	0.39288	4			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	6.6450	0.17000	7.6361	0.83347	0.23620	5			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	7.0405	0.44100	7.6361	0.83347	0.23620	5			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	7.5500	0.20000	7.6361	0.83347	0.23620	5			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	8.3400	0.12000	7.6361	0.83347	0.23620	5			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	2053	8.6050	0.25000	7.6361	0.83347	0.23620	5			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	6.5550	0.05000	8.0578	1.3032	0.65004	7	-1.15	9%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	7.3500	1.2200	8.0578	1.3032	0.65004	7	-0.54	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	7.4500	0.46000	8.0578	1.3032	0.65004	7	-0.47	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	7.8150	1.2300	8.0578	1.3032	0.65004	7	-0.19	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	8.2222	0.33870	8.0578	1.3032	0.65004	7	0.13	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	9.0000	0.00000	8.0578	1.3032	0.65004	7	0.72	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	10.169	1.2516	8.0578	1.3032	0.65004	7	1.62	13%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppr	0016	6.3700	0.98000				3			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppr	0910	6.8950	0.07000				3			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppr	0186	7.1150	0.23000				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	6.5675	0.00100				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	7.1876	1.3315				2			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	15.790	0.32000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	14.466	0.48490				1			0
042.00	Chloride, Titrimetric (%)	0297	1.9950	0.07000				2			0
042.00	Chloride, Titrimetric (%)	0948	1.9965	0.01300				2			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0227	1,400.0	40.000				1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	659.00	32.000				1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0644	874.50	5.0000				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	102.50	1.0000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	8.4700	0.82000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	2.7700	0.18000				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	2.8750	0.85000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	0.81500	0.27000				1			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	3.3950	0.57000				1			0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	4.2350	0.53000				1			0
106.00	Vitamin A, Color (KU / kg)	0019	55.674	0.25300				3			0
106.00	Vitamin A, Color (KU / kg)	0964	69.351	5.5248				3			0
106.00	Vitamin A, Color (KU / kg)	0171	72.355	3.6900				3			0
106.01	Vitamin A, UV (KU / kg)	0098	66.300	7.2000				1			0
106.02	Vitamin A, LC (KU / kg)	2053	31.350	5.1000	61.056	15.514	9.0414	24	-1.91	24%	0
106.02	Vitamin A, LC (KU / kg)	0555	36.300	24.000	61.056	15.514	9.0414	24	-1.60	20%	0
106.02	Vitamin A, LC (KU / kg)	0905	40.775	1.7440	61.056	15.514	9.0414	24	-1.31	17%	0
106.02	Vitamin A, LC (KU / kg)	0861	45.710	4.0800	61.056	15.514	9.0414	24	-0.99	13%	0
106.02	Vitamin A, LC (KU / kg)	0689	48.650	2.3000	61.056	15.514	9.0414	24	-0.80	10%	0
106.02	Vitamin A, LC (KU / kg)	0035	53.080	0.32000	61.056	15.514	9.0414	24	-0.51	7%	0
106.02	Vitamin A, LC (KU / kg)	0016	53.150	32.300	61.056	15.514	9.0414	24	-0.51	6%	0
106.02	Vitamin A, LC (KU / kg)	2004	53.600	3.0000	61.056	15.514	9.0414	24	-0.48	6%	0
106.02	Vitamin A, LC (KU / kg)	0610	54.150	1.9000	61.056	15.514	9.0414	24	-0.45	6%	0
106.02	Vitamin A, LC (KU / kg)	0003	56.770	10.340	61.056	15.514	9.0414	24	-0.28	4%	0
106.02	Vitamin A, LC (KU / kg)	0038	59.565	7.1500	61.056	15.514	9.0414	24	-0.10	1%	0
106.02	Vitamin A, LC (KU / kg)	0910	59.750	7.3000	61.056	15.514	9.0414	24	-0.08	1%	0
106.02	Vitamin A, LC (KU / kg)	0512	61.410	4.4200	61.056	15.514	9.0414	24	0.02	0%	0
106.02	Vitamin A, LC (KU / kg)	0148	63.320	1.3000	61.056	15.514	9.0414	24	0.15	2%	0
106.02	Vitamin A, LC (KU / kg)	0941	63.888	0.22500	61.056	15.514	9.0414	24	0.18	2%	0
106.02	Vitamin A, LC (KU / kg)	0208	65.256	2.2050	61.056	15.514	9.0414	24	0.27	3%	0
106.02	Vitamin A, LC (KU / kg)	0004	67.700	8.5600	61.056	15.514	9.0414	24	0.43	5%	0
106.02	Vitamin A, LC (KU / kg)	0010	70.000	20.000	61.056	15.514	9.0414	24	0.58	7%	0
106.02	Vitamin A, LC (KU / kg)	0227	70.500	16.200	61.056	15.514	9.0414	24	0.61	8%	0
106.02	Vitamin A, LC (KU / kg)	2103	77.745	10.750	61.056	15.514	9.0414	24	1.08	14%	0
106.02	Vitamin A, LC (KU / kg)	0675	78.610	28.700	61.056	15.514	9.0414	24	1.13	14%	0
106.02	Vitamin A, LC (KU / kg)	0676	78.850	18.300	61.056	15.514	9.0414	24	1.15	15%	0
106.02	Vitamin A, LC (KU / kg)	0169	83.000	0.00000	61.056	15.514	9.0414	24	1.41	18%	0
106.02	Vitamin A, LC (KU / kg)	0014	84.300	6.8000	61.056	15.514	9.0414	24	1.50	19%	0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	4.0000	0.00000				1			0
108.02	Vitamin D3, LC (KU / kg)	0610	3.8000	0.40000	5.0180	1.0800	0.85200	5			0
108.02	Vitamin D3, LC (KU / kg)	0227	4.6800	0.66000	5.0180	1.0800	0.85200	5			0
108.02	Vitamin D3, LC (KU / kg)	0675	4.8350	0.11000	5.0180	1.0800	0.85200	5			0
108.02	Vitamin D3, LC (KU / kg)	0208	5.0150	0.77000	5.0180	1.0800	0.85200	5			0
108.02	Vitamin D3, LC (KU / kg)	0861	6.7600	2.3200	5.0180	1.0800	0.85200	5			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	5.3250	0.09000				1			0
109.02	Vitamin E, LC (IU/kg)	0169	149.00	0.00000	252.46	35.531	10.599	15	-2.91	20%	0
109.02	Vitamin E, LC (IU/kg)	0590	200.00	10.000	252.46	35.531	10.599	15	-1.48	10%	0
109.02	Vitamin E, LC (IU/kg)	2053	214.00	2.0000	252.46	35.531	10.599	15	-1.08	8%	0
109.02	Vitamin E, LC (IU/kg)	2103	226.00	6.0000	252.46	35.531	10.599	15	-0.74	5%	0
109.02	Vitamin E, LC (IU/kg)	0208	238.70	23.688	252.46	35.531	10.599	15	-0.39	3%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
109.02	Vitamin E, LC (IU/kg)	0555	240.35	1.1000	252.46	35.531	10.599	15	-0.34	2%	0
109.02	Vitamin E, LC (IU/kg)	0148	247.55	42.700	252.46	35.531	10.599	15	-0.14	1%	0
109.02	Vitamin E, LC (IU/kg)	0910	268.65	13.700	252.46	35.531	10.599	15	0.46	3%	0
109.02	Vitamin E, LC (IU/kg)	0098	269.50	1.0000	252.46	35.531	10.599	15	0.48	3%	0
109.02	Vitamin E, LC (IU/kg)	0905	271.50	9.0000	252.46	35.531	10.599	15	0.54	4%	0
109.02	Vitamin E, LC (IU/kg)	0861	275.00	10.000	252.46	35.531	10.599	15	0.63	4%	0
109.02	Vitamin E, LC (IU/kg)	0610	277.00	12.000	252.46	35.531	10.599	15	0.69	5%	0
109.02	Vitamin E, LC (IU/kg)	0941	277.95	7.3000	252.46	35.531	10.599	15	0.72	5%	0
109.02	Vitamin E, LC (IU/kg)	0227	290.00	20.000	252.46	35.531	10.599	15	1.06	7%	0
109.02	Vitamin E, LC (IU/kg)	0676	291.55	0.50000	252.46	35.531	10.599	15	1.10	8%	0
109.02	Vitamin E, LC (IU/kg)	0675	334.27	77.210	252.46	35.531	10.599	15	2.30	16%	1
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	224.50	3.0000				2			0
109.99	Vitamin E, Miscellaneous (IU/kg)	2144	244.20	0.44000				2			0
112.01	Pyridoxine, LC (µg / g)	0227	6.8900	0.20000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	1.3650	0.21000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.19800	0.01200				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.79230	0.02340	0.84769	0.02511	0.00811	18	-2.21	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.81700	0.00400	0.84769	0.02511	0.00811	18	-1.22	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.82850	0.00900	0.84769	0.02511	0.00811	18	-0.76	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.83100	0.00600	0.84769	0.02511	0.00811	18	-0.66	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.83500	0.01000	0.84769	0.02511	0.00811	18	-0.51	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.83950	0.00900	0.84769	0.02511	0.00811	18	-0.33	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.84115	0.01010	0.84769	0.02511	0.00811	18	-0.26	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.84275	0.03350	0.84769	0.02511	0.00811	18	-0.20	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.84450	0.00100	0.84769	0.02511	0.00811	18	-0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.84550	0.00900	0.84769	0.02511	0.00811	18	-0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.84600	0.00000	0.84769	0.02511	0.00811	18	-0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.84650	0.01100	0.84769	0.02511	0.00811	18	-0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.85000	0.00000	0.84769	0.02511	0.00811	18	0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.85000	0.00000	0.84769	0.02511	0.00811	18	0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.87500	0.01000	0.84769	0.02511	0.00811	18	1.09	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.88800	0.00600	0.84769	0.02511	0.00811	18	1.61	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.88850	0.00100	0.84769	0.02511	0.00811	18	1.63	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.98850	0.00300	0.84769	0.02511	0.00811	18	5.61	8%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.84500	0.05000	0.84769	0.02511	0.00811	18	-0.11	0%	1
120.02	Alanine, Post-col OPA Der (%)	0098	0.85300	0.00200				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.78700	0.00200				3			0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.80500	0.03000				3			0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.85150	0.01900				3			0
120.99	Alanine, Miscellaneous (%)	2144	0.84500	0.01000				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.97925	0.00650	1.0736	0.03031	0.01211	19	-3.11	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	
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.0235	0.00100	1.0736	0.03031	0.01211	19	-1.65	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	1.0435	0.01100	1.0736	0.03031	0.01211	19	-0.99	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.0450	0.01000	1.0736	0.03031	0.01211	19	-0.94	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.0500	0.00000	1.0736	0.03031	0.01211	19	-0.78	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.0630	0.00200	1.0736	0.03031	0.01211	19	-0.35	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.0646	0.01000	1.0736	0.03031	0.01211	19	-0.30	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.0667	0.05250	1.0736	0.03031	0.01211	19	-0.23	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.0700	0.02000	1.0736	0.03031	0.01211	19	-0.12	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.0750	0.01000	1.0736	0.03031	0.01211	19	0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.0750	0.01000	1.0736	0.03031	0.01211	19	0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.0800	0.04000	1.0736	0.03031	0.01211	19	0.21	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.0920	0.01600	1.0736	0.03031	0.01211	19	0.61	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.0920	0.02200	1.0736	0.03031	0.01211	19	0.61	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.0920	0.00000	1.0736	0.03031	0.01211	19	0.61	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.0955	0.00500	1.0736	0.03031	0.01211	19	0.72	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.1080	0.00000	1.0736	0.03031	0.01211	19	1.13	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.1110	0.01400	1.0736	0.03031	0.01211	19	1.23	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.2300	0.00000	1.0736	0.03031	0.01211	19	5.16	7%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.0740	0.00200				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.0470	0.00800				3			0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.0675	0.00700				3			0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.1050	0.05000				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.3517	0.02910	1.4368	0.06042	0.02133	19	-1.41	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.3585	0.00300	1.4368	0.06042	0.02133	19	-1.30	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.3650	0.01000	1.4368	0.06042	0.02133	19	-1.19	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.4050	0.03000	1.4368	0.06042	0.02133	19	-0.53	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.4060	0.04800	1.4368	0.06042	0.02133	19	-0.51	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.4115	0.00100	1.4368	0.06042	0.02133	19	-0.42	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.4165	0.05430	1.4368	0.06042	0.02133	19	-0.34	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.4200	0.00000	1.4368	0.06042	0.02133	19	-0.28	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.4275	0.00100	1.4368	0.06042	0.02133	19	-0.15	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.4305	0.01500	1.4368	0.06042	0.02133	19	-0.10	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.4325	0.01700	1.4368	0.06042	0.02133	19	-0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.4350	0.03000	1.4368	0.06042	0.02133	19	-0.03	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.4385	0.00300	1.4368	0.06042	0.02133	19	0.03	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.4500	0.02000	1.4368	0.06042	0.02133	19	0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.4715	0.02500	1.4368	0.06042	0.02133	19	0.58	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.5095	0.00100	1.4368	0.06042	0.02133	19	1.20	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.5145	0.00500	1.4368	0.06042	0.02133	19	1.29	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.5525	0.06280	1.4368	0.06042	0.02133	19	1.92	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.6850	0.05000	1.4368	0.06042	0.02133	19	4.11	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
122.02	Aspartic, Post-col OPA Der (%)	0098	1.4615	0.01700				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.3675	0.07300				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.4250	0.13000				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.5640	0.03800				3			0
122.99	Aspartic, Miscellaneous (%)	2144	1.5200	0.02000				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.25400	0.01200	0.30182	0.02113	0.00578	18	-2.26	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.27205	0.00910	0.30182	0.02113	0.00578	18	-1.41	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.28000	0.00000	0.30182	0.02113	0.00578	18	-1.03	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.28000	0.00000	0.30182	0.02113	0.00578	18	-1.03	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.28930	0.00320	0.30182	0.02113	0.00578	18	-0.59	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.29500	0.01000	0.30182	0.02113	0.00578	18	-0.32	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.29900	0.00000	0.30182	0.02113	0.00578	18	-0.13	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.29950	0.00100	0.30182	0.02113	0.00578	18	-0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.30000	0.02000	0.30182	0.02113	0.00578	18	-0.09	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.30100	0.00800	0.30182	0.02113	0.00578	18	-0.04	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.30450	0.00500	0.30182	0.02113	0.00578	18	0.13	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.31100	0.00400	0.30182	0.02113	0.00578	18	0.43	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.31500	0.00600	0.30182	0.02113	0.00578	18	0.62	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.31500	0.01000	0.30182	0.02113	0.00578	18	0.62	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.31750	0.00500	0.30182	0.02113	0.00578	18	0.74	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.31950	0.00300	0.30182	0.02113	0.00578	18	0.84	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.33075	0.00270	0.30182	0.02113	0.00578	18	1.37	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.37050	0.00500	0.30182	0.02113	0.00578	18	3.25	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.26900	0.03800	0.30182	0.02113	0.00578	18	-1.55	5%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.31050	0.00500				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.29250	0.02500				2			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.32050	0.03300				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2144	0.29500	0.01000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	2.6300	0.01000	2.9076	0.11636	0.03479	19	-2.39	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.7750	0.01000	2.9076	0.11636	0.03479	19	-1.14	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.7890	0.00800	2.9076	0.11636	0.03479	19	-1.02	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.7935	0.02700	2.9076	0.11636	0.03479	19	-0.98	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.8205	0.08770	2.9076	0.11636	0.03479	19	-0.75	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.8680	0.01000	2.9076	0.11636	0.03479	19	-0.34	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.8750	0.01000	2.9076	0.11636	0.03479	19	-0.28	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.8755	0.01300	2.9076	0.11636	0.03479	19	-0.28	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.8865	0.03500	2.9076	0.11636	0.03479	19	-0.18	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.9110	0.02200	2.9076	0.11636	0.03479	19	0.03	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.9130	0.01800	2.9076	0.11636	0.03479	19	0.05	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	2.9315	0.03900	2.9076	0.11636	0.03479	19	0.21	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	2.9350	0.01000	2.9076	0.11636	0.03479	19	0.24	0%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.9450	0.01000	2.9076	0.11636	0.03479	19	0.32	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.9700	0.16000	2.9076	0.11636	0.03479	19	0.54	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.9759	0.01040	2.9076	0.11636	0.03479	19	0.59	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.0971	0.15200	2.9076	0.11636	0.03479	19	1.63	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.1395	0.01900	2.9076	0.11636	0.03479	19	1.99	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.5650	0.01000	2.9076	0.11636	0.03479	19	5.65	11%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.9230	0.00600				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.8775	0.09500				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.9850	0.13000				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.2000	0.04200				3			0
125.99	Glutamic, Miscellaneous (%)	2144	3.1500	0.02000				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.77500	0.00580	0.84183	0.02798	0.00754	18	-2.39	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.80000	0.00600	0.84183	0.02798	0.00754	18	-1.50	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.81500	0.01000	0.84183	0.02798	0.00754	18	-0.96	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.81650	0.00700	0.84183	0.02798	0.00754	18	-0.91	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.82300	0.00200	0.84183	0.02798	0.00754	18	-0.67	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.83100	0.00200	0.84183	0.02798	0.00754	18	-0.39	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.83650	0.00300	0.84183	0.02798	0.00754	18	-0.19	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.84100	0.00200	0.84183	0.02798	0.00754	18	-0.03	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.84300	0.00000	0.84183	0.02798	0.00754	18	0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.84500	0.01000	0.84183	0.02798	0.00754	18	0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.84930	0.00500	0.84183	0.02798	0.00754	18	0.27	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.85050	0.00500	0.84183	0.02798	0.00754	18	0.31	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.85050	0.00100	0.84183	0.02798	0.00754	18	0.31	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.85500	0.01000	0.84183	0.02798	0.00754	18	0.47	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.86000	0.00000	0.84183	0.02798	0.00754	18	0.65	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.87000	0.01000	0.84183	0.02798	0.00754	18	1.01	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.88305	0.04890	0.84183	0.02798	0.00754	18	1.47	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.98400	0.00800	0.84183	0.02798	0.00754	18	5.08	8%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.84500	0.05000	0.84183	0.02798	0.00754	18	0.11	0%	1
126.02	Glycine, Post-col OPA Der (%)	0098	0.85450	0.00700				1			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.80850	0.00300				3			0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.84500	0.01000				3			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.87050	0.00500				3			0
126.99	Glycine, Miscellaneous (%)	2144	0.82500	0.01000				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.39050	0.00500	0.43428	0.02054	0.00780	19	-2.13	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.39230	0.00620	0.43428	0.02054	0.00780	19	-2.04	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.39250	0.00700	0.43428	0.02054	0.00780	19	-2.03	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.41000	0.00000	0.43428	0.02054	0.00780	19	-1.18	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.42200	0.00000	0.43428	0.02054	0.00780	19	-0.60	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.42650	0.00500	0.43428	0.02054	0.00780	19	-0.38	1%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.43000	0.00000	0.43428	0.02054	0.00780	19	-0.21	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.43200	0.00200	0.43428	0.02054	0.00780	19	-0.11	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.44000	0.00200	0.43428	0.02054	0.00780	19	0.28	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.44200	0.01000	0.43428	0.02054	0.00780	19	0.38	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.44250	0.00300	0.43428	0.02054	0.00780	19	0.40	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.44405	0.02610	0.43428	0.02054	0.00780	19	0.48	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.44500	0.01000	0.43428	0.02054	0.00780	19	0.52	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.44500	0.01000	0.43428	0.02054	0.00780	19	0.52	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.44750	0.02700	0.43428	0.02054	0.00780	19	0.64	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.44850	0.01100	0.43428	0.02054	0.00780	19	0.69	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.45045	0.01690	0.43428	0.02054	0.00780	19	0.79	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.45550	0.00700	0.43428	0.02054	0.00780	19	1.03	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.46000	0.00000	0.43428	0.02054	0.00780	19	1.25	3%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.42450	0.00500				1			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.40800	0.00200				3			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.42200	0.00200				3			0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.45000	0.02000				3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.47685	0.00470	0.60679	0.03420	0.00925	19	-3.80	11%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.55100	0.01400	0.60679	0.03420	0.00925	19	-1.63	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.57950	0.03480	0.60679	0.03420	0.00925	19	-0.80	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.58000	0.00000	0.60679	0.03420	0.00925	19	-0.78	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.58050	0.00100	0.60679	0.03420	0.00925	19	-0.77	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.58295	0.00330	0.60679	0.03420	0.00925	19	-0.70	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.59700	0.02400	0.60679	0.03420	0.00925	19	-0.29	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.59950	0.00300	0.60679	0.03420	0.00925	19	-0.21	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.60200	0.01000	0.60679	0.03420	0.00925	19	-0.14	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.60300	0.00400	0.60679	0.03420	0.00925	19	-0.11	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.60850	0.00900	0.60679	0.03420	0.00925	19	0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.61150	0.00100	0.60679	0.03420	0.00925	19	0.14	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.62000	0.02000	0.60679	0.03420	0.00925	19	0.39	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.63400	0.00600	0.60679	0.03420	0.00925	19	0.80	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.63500	0.01000	0.60679	0.03420	0.00925	19	0.82	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.63500	0.01000	0.60679	0.03420	0.00925	19	0.82	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.64500	0.01000	0.60679	0.03420	0.00925	19	1.12	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.64650	0.00500	0.60679	0.03420	0.00925	19	1.16	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.70600	0.00600	0.60679	0.03420	0.00925	19	2.90	8%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.61600	0.01200				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.56450	0.01300				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.62600	0.00200				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.65500	0.03000				3			0
128.99	Isoleucine, Miscellaneous (%)	2144	0.81500	0.01000				1			0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.1770	0.00600	1.2368	0.02756	0.01175	18	-2.17	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.1805	0.00500	1.2368	0.02756	0.01175	18	-2.04	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.2040	0.01200	1.2368	0.02756	0.01175	18	-1.19	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.2150	0.01000	1.2368	0.02756	0.01175	18	-0.79	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.2250	0.01000	1.2368	0.02756	0.01175	18	-0.43	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.2250	0.01000	1.2368	0.02756	0.01175	18	-0.43	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.2275	0.00500	1.2368	0.02756	0.01175	18	-0.34	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.2330	0.01400	1.2368	0.02756	0.01175	18	-0.14	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.2335	0.02100	1.2368	0.02756	0.01175	18	-0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.2365	0.00900	1.2368	0.02756	0.01175	18	-0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.2450	0.03000	1.2368	0.02756	0.01175	18	0.30	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.2500	0.00400	1.2368	0.02756	0.01175	18	0.48	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.2540	0.00200	1.2368	0.02756	0.01175	18	0.62	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.2578	0.01200	1.2368	0.02756	0.01175	18	0.76	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.2610	0.01000	1.2368	0.02756	0.01175	18	0.88	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.2617	0.04150	1.2368	0.02756	0.01175	18	0.90	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.2650	0.01000	1.2368	0.02756	0.01175	18	1.02	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.4600	0.00000	1.2368	0.02756	0.01175	18	8.10	9%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.0622	0.07410	1.2368	0.02756	0.01175	18	-6.34	7%	1
129.02	Leucine, Post-col OPA Der (%)	0098	1.2725	0.00500				1			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.1965	0.04700				3			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.2470	0.01000				3			0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.3100	0.04000				3			0
129.99	Leucine, Miscellaneous (%)	2144	1.2900	0.02000				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.62300	0.00800	0.79728	0.03544	0.01141	19	-4.92	11%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.74700	0.01400	0.79728	0.03544	0.01141	19	-1.42	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.76000	0.00000	0.79728	0.03544	0.01141	19	-1.05	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.76340	0.01680	0.79728	0.03544	0.01141	19	-0.96	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.77800	0.00200	0.79728	0.03544	0.01141	19	-0.54	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.77800	0.00800	0.79728	0.03544	0.01141	19	-0.54	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.78700	0.02000	0.79728	0.03544	0.01141	19	-0.29	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.78700	0.00600	0.79728	0.03544	0.01141	19	-0.29	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.79000	0.04000	0.79728	0.03544	0.01141	19	-0.21	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.80000	0.00600	0.79728	0.03544	0.01141	19	0.08	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.80195	0.03950	0.79728	0.03544	0.01141	19	0.13	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.81000	0.00000	0.79728	0.03544	0.01141	19	0.36	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.81300	0.02800	0.79728	0.03544	0.01141	19	0.44	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.81345	0.01450	0.79728	0.03544	0.01141	19	0.46	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.82000	0.00000	0.79728	0.03544	0.01141	19	0.64	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.82450	0.00300	0.79728	0.03544	0.01141	19	0.77	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.83000	0.00000	0.79728	0.03544	0.01141	19	0.92	2%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.85500	0.01000	0.79728	0.03544	0.01141	19	1.63	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.91750	0.00100	0.79728	0.03544	0.01141	19	3.39	8%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.81200	0.01000				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.80100	0.00800				3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.80500	0.05000				3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.81750	0.00700				3			0
130.99	L-Lysine, Miscellaneous (%)	2053	0.71500	0.01000				2			0
130.99	L-Lysine, Miscellaneous (%)	2144	0.89500	0.01000				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.20850	0.01100	0.24941	0.01434	0.00787	19	-2.85	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.22850	0.00100	0.24941	0.01434	0.00787	19	-1.46	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.23350	0.00700	0.24941	0.01434	0.00787	19	-1.11	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.24000	0.02000	0.24941	0.01434	0.00787	19	-0.66	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.24000	0.00000	0.24941	0.01434	0.00787	19	-0.66	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.24000	0.00000	0.24941	0.01434	0.00787	19	-0.66	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.24500	0.01000	0.24941	0.01434	0.00787	19	-0.31	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.24650	0.00100	0.24941	0.01434	0.00787	19	-0.20	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.24700	0.01400	0.24941	0.01434	0.00787	19	-0.17	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.25115	0.01250	0.24941	0.01434	0.00787	19	0.12	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.25200	0.00400	0.24941	0.01434	0.00787	19	0.18	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.25200	0.00200	0.24941	0.01434	0.00787	19	0.18	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.25485	0.00850	0.24941	0.01434	0.00787	19	0.38	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.25600	0.00600	0.24941	0.01434	0.00787	19	0.46	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.25850	0.01700	0.24941	0.01434	0.00787	19	0.63	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.25950	0.00300	0.24941	0.01434	0.00787	19	0.70	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.26450	0.00100	0.24941	0.01434	0.00787	19	1.05	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.27735	0.00150	0.24941	0.01434	0.00787	19	1.95	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.28500	0.03000	0.24941	0.01434	0.00787	19	2.48	7%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.24350	0.00100				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.21250	0.01100				2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.23500	0.01000				2			0
131.99	Methionine, Miscellaneous (%)	2144	0.38000	0.04000				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.63190	0.00080	0.74490	0.03022	0.01578	19	-3.74	8%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.69750	0.01900	0.74490	0.03022	0.01578	19	-1.57	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.71000	0.06000	0.74490	0.03022	0.01578	19	-1.15	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.71470	0.03580	0.74490	0.03022	0.01578	19	-1.00	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.72500	0.01000	0.74490	0.03022	0.01578	19	-0.66	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.73050	0.01500	0.74490	0.03022	0.01578	19	-0.48	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.73700	0.00200	0.74490	0.03022	0.01578	19	-0.26	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.74000	0.02000	0.74490	0.03022	0.01578	19	-0.16	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.74700	0.00600	0.74490	0.03022	0.01578	19	0.07	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.75000	0.04000	0.74490	0.03022	0.01578	19	0.17	0%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.75000	0.00000	0.74490	0.03022	0.01578	19	0.17	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.75150	0.00300	0.74490	0.03022	0.01578	19	0.22	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.75850	0.01300	0.74490	0.03022	0.01578	19	0.45	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.76000	0.00800	0.74490	0.03022	0.01578	19	0.50	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.76450	0.00700	0.74490	0.03022	0.01578	19	0.65	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.76500	0.01000	0.74490	0.03022	0.01578	19	0.67	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.77600	0.02200	0.74490	0.03022	0.01578	19	1.03	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.78400	0.00420	0.74490	0.03022	0.01578	19	1.29	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.84900	0.02400	0.74490	0.03022	0.01578	19	3.45	7%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.73800	0.00400				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.69050	0.00700				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.72450	0.00100				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.73000	0.02000				3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.86760	0.00080	0.98370	0.05954	0.02598	19	-1.95	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.89700	0.00600	0.98370	0.05954	0.02598	19	-1.46	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	0.89850	0.01300	0.98370	0.05954	0.02598	19	-1.43	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.92500	0.05000	0.98370	0.05954	0.02598	19	-0.99	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.95310	0.02080	0.98370	0.05954	0.02598	19	-0.51	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.95650	0.00700	0.98370	0.05954	0.02598	19	-0.46	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	0.95700	0.04000	0.98370	0.05954	0.02598	19	-0.45	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.98400	0.01200	0.98370	0.05954	0.02598	19	0.00	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.99000	0.02000	0.98370	0.05954	0.02598	19	0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.99000	0.00000	0.98370	0.05954	0.02598	19	0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.99600	0.01600	0.98370	0.05954	0.02598	19	0.21	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.0150	0.09000	0.98370	0.05954	0.02598	19	0.53	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.0150	0.01000	0.98370	0.05954	0.02598	19	0.53	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.0185	0.00700	0.98370	0.05954	0.02598	19	0.58	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.0250	0.01000	0.98370	0.05954	0.02598	19	0.69	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.0265	0.07300	0.98370	0.05954	0.02598	19	0.72	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.0269	0.04410	0.98370	0.05954	0.02598	19	0.72	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.0490	0.03400	0.98370	0.05954	0.02598	19	1.10	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.1700	0.04000	0.98370	0.05954	0.02598	19	3.13	9%	0
133.05	Proline, Pre-col AQC Der (%)	0676	0.99650	0.01300				3			0
133.05	Proline, Pre-col AQC Der (%)	0148	1.0300	0.02000				3			0
133.05	Proline, Pre-col AQC Der (%)	0626	1.0570	0.01400				3			0
133.99	Proline, Miscellaneous (%)	2144	1.0250	0.03000				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.64000	0.04000	0.78636	0.03048	0.01016	18	-4.80	9%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.74450	0.00100	0.78636	0.03048	0.01016	18	-1.37	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.75500	0.01000	0.78636	0.03048	0.01016	18	-1.03	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.76200	0.00200	0.78636	0.03048	0.01016	18	-0.80	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.77000	0.02000	0.78636	0.03048	0.01016	18	-0.54	1%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.77550	0.00900	0.78636	0.03048	0.01016	18	-0.36	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.78215	0.00070	0.78636	0.03048	0.01016	18	-0.14	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.78500	0.01000	0.78636	0.03048	0.01016	18	-0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.78500	0.01400	0.78636	0.03048	0.01016	18	-0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.78750	0.00100	0.78636	0.03048	0.01016	18	0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.78950	0.00500	0.78636	0.03048	0.01016	18	0.10	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.79250	0.00500	0.78636	0.03048	0.01016	18	0.20	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.79500	0.01000	0.78636	0.03048	0.01016	18	0.28	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.79660	0.03600	0.78636	0.03048	0.01016	18	0.34	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.80000	0.00000	0.78636	0.03048	0.01016	18	0.45	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.82950	0.00820	0.78636	0.03048	0.01016	18	1.42	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.84900	0.00600	0.78636	0.03048	0.01016	18	2.05	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.92150	0.00500	0.78636	0.03048	0.01016	18	4.43	9%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.82450	0.08900	0.78636	0.03048	0.01016	18	1.25	2%	1
134.02	Serine, Post-col OPA Der (%)	0098	0.72800	0.00200				1			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.77500	0.02200				3			0
134.05	Serine, Pre-col AQC Der (%)	0148	0.80000	0.04000				3			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.80450	0.01300				3			0
134.99	Serine, Miscellaneous (%)	2144	0.83000	0.02000				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.55650	0.00100	0.60509	0.03012	0.00689	18	-1.61	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.57500	0.01000	0.60509	0.03012	0.00689	18	-1.00	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.58000	0.00000	0.60509	0.03012	0.00689	18	-0.83	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.58000	0.00000	0.60509	0.03012	0.00689	18	-0.83	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.58675	0.02290	0.60509	0.03012	0.00689	18	-0.61	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.58750	0.00500	0.60509	0.03012	0.00689	18	-0.58	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.59600	0.00400	0.60509	0.03012	0.00689	18	-0.30	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.59750	0.00500	0.60509	0.03012	0.00689	18	-0.25	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.59900	0.01000	0.60509	0.03012	0.00689	18	-0.20	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.60100	0.01000	0.60509	0.03012	0.00689	18	-0.14	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.60200	0.00200	0.60509	0.03012	0.00689	18	-0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.60950	0.00500	0.60509	0.03012	0.00689	18	0.15	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.61000	0.00000	0.60509	0.03012	0.00689	18	0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.63000	0.02000	0.60509	0.03012	0.00689	18	0.83	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.63620	0.00620	0.60509	0.03012	0.00689	18	1.03	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.64450	0.00700	0.60509	0.03012	0.00689	18	1.31	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.64650	0.00900	0.60509	0.03012	0.00689	18	1.37	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.72250	0.00700	0.60509	0.03012	0.00689	18	3.90	10%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.55990	0.03540	0.60509	0.03012	0.00689	18	-1.50	4%	1
135.02	Threonine, Post-col OPA Der (%)	0098	0.60750	0.00900				1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.58750	0.00900				3			0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.60500	0.03000				3			0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
135.05	Threonine, Pre-col AQC Der (%)	0676	0.61100	0.00000				3			0
135.99	Threonine, Miscellaneous (%)	2144	0.68500	0.01000				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.16660	0.00820	0.21675	0.04031	0.01264	7	-1.24	12%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.18500	0.01000	0.21675	0.04031	0.01264	7	-0.79	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.20450	0.01700	0.21675	0.04031	0.01264	7	-0.30	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.22200	0.00000	0.21675	0.04031	0.01264	7	0.13	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.22900	0.00200	0.21675	0.04031	0.01264	7	0.30	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.23515	0.04130	0.21675	0.04031	0.01264	7	0.46	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.27500	0.01000	0.21675	0.04031	0.01264	7	1.44	13%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.22350	0.00100				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.22350	0.00100				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.21100	0.00800				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0148	0.21500	0.00200	0.21730	0.00315	0.00380	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.21500	0.00600	0.21730	0.00315	0.00380	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.21600	0.00200	0.21730	0.00315	0.00380	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.21800	0.00400	0.21730	0.00315	0.00380	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.22250	0.00500	0.21730	0.00315	0.00380	5			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.19000	0.02000				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.22000	0.02000	0.50533	0.04581	0.01018	13	-6.23	28%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.40920	0.00640	0.50533	0.04581	0.01018	13	-2.10	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.48200	0.00400	0.50533	0.04581	0.01018	13	-0.51	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.48450	0.00300	0.50533	0.04581	0.01018	13	-0.45	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.50000	0.00000	0.50533	0.04581	0.01018	13	-0.12	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.50000	0.02000	0.50533	0.04581	0.01018	13	-0.12	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.50150	0.00700	0.50533	0.04581	0.01018	13	-0.08	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.51000	0.00000	0.50533	0.04581	0.01018	13	0.10	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.51700	0.00600	0.50533	0.04581	0.01018	13	0.25	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.52760	0.01940	0.50533	0.04581	0.01018	13	0.49	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.54750	0.01100	0.50533	0.04581	0.01018	13	0.92	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.56045	0.03450	0.50533	0.04581	0.01018	13	1.20	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.56550	0.00100	0.50533	0.04581	0.01018	13	1.31	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.53300	0.06600	0.50533	0.04581	0.01018	13	0.60	3%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.54150	0.00500				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.51450	0.01900				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.55250	0.00500				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.57500	0.01000				3			0
137.99	Tyrosine, Miscellaneous (%)	2144	0.56000	0.02000				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.65115	0.00390	0.77025	0.03183	0.00901	18	-3.74	8%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.72400	0.00800	0.77025	0.03183	0.00901	18	-1.45	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.73000	0.00000	0.77025	0.03183	0.00901	18	-1.26	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.73750	0.02100	0.77025	0.03183	0.00901	18	-1.03	2%	0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.75550	0.00700	0.77025	0.03183	0.00901	18	-0.46	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.76000	0.00600	0.77025	0.03183	0.00901	18	-0.32	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.76500	0.01000	0.77025	0.03183	0.00901	18	-0.16	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.76850	0.00300	0.77025	0.03183	0.00901	18	-0.05	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.77250	0.01700	0.77025	0.03183	0.00901	18	0.07	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.77700	0.01400	0.77025	0.03183	0.00901	18	0.21	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.78100	0.01800	0.77025	0.03183	0.00901	18	0.34	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.78150	0.00500	0.77025	0.03183	0.00901	18	0.35	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.78500	0.01000	0.77025	0.03183	0.00901	18	0.46	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.78500	0.01000	0.77025	0.03183	0.00901	18	0.46	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.79100	0.00400	0.77025	0.03183	0.00901	18	0.65	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.80050	0.00300	0.77025	0.03183	0.00901	18	0.95	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.81000	0.02000	0.77025	0.03183	0.00901	18	1.25	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.84375	0.00230	0.77025	0.03183	0.00901	18	2.31	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.77670	0.04420	0.77025	0.03183	0.00901	18	0.20	0%	1
138.02	Valine, Post-col OPA Der (%)	0098	0.80150	0.00500				1			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.75800	0.00600				3			0
138.05	Valine, Pre-col AQC Der (%)	0676	0.75800	0.00200				3			0
138.05	Valine, Pre-col AQC Der (%)	0148	0.81500	0.03000				3			0
138.99	Valine, Miscellaneous (%)	2144	0.83500	0.01000				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.10250	0.01500				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.20000	0.00000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0619	0.09700	0.00200	0.18164	0.07740	0.04288	4			0
160.99	Fructose, Miscellaneous (%)	0148	0.13500	0.01000	0.18164	0.07740	0.04288	4			0
160.99	Fructose, Miscellaneous (%)	0096	0.24455	0.05950	0.18164	0.07740	0.04288	4			0
160.99	Fructose, Miscellaneous (%)	0861	0.25000	0.10000	0.18164	0.07740	0.04288	4			0
160.99	Fructose, Miscellaneous (%)	0227	0.32000	0.22000	0.18164	0.07740	0.04288	4			1
160.99	Fructose, Miscellaneous (%)	0297	0.00000	0.00000	0.18164	0.07740	0.04288	4			4
161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000				0			4
162.99	Glucose, Miscellaneous (%)	0148	0.06500	0.03000				2			0
162.99	Glucose, Miscellaneous (%)	0619	0.20000	0.00400				2			0
162.99	Glucose, Miscellaneous (%)	0297	0.00000	0.00000				2			4
162.99	Glucose, Miscellaneous (%)	0861	0.00000	0.00000				2			4
163.99	Lactose, Miscellaneous (%)	0148	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0297	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0861	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	0148	0.12500	0.01000				1			0
164.99	Maltose, Miscellaneous (%)	0297	0.00000	0.00000				1			4
164.99	Maltose, Miscellaneous (%)	0861	0.00000	0.00000				1			4

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
165.99	Sucrose, Miscellaneous (%)	0629	1.6000	0.00000	1.7420	0.13305	0.10319	7	-1.07	4%	0
165.99	Sucrose, Miscellaneous (%)	0096	1.6446	0.05030	1.7420	0.13305	0.10319	7	-0.73	3%	0
165.99	Sucrose, Miscellaneous (%)	0619	1.6900	0.06000	1.7420	0.13305	0.10319	7	-0.39	1%	0
165.99	Sucrose, Miscellaneous (%)	0227	1.7100	0.18000	1.7420	0.13305	0.10319	7	-0.24	1%	0
165.99	Sucrose, Miscellaneous (%)	0148	1.7750	0.07000	1.7420	0.13305	0.10319	7	0.25	1%	0
165.99	Sucrose, Miscellaneous (%)	0297	1.8330	0.26200	1.7420	0.13305	0.10319	7	0.68	3%	0
165.99	Sucrose, Miscellaneous (%)	0861	2.1500	0.10000	1.7420	0.13305	0.10319	7	3.07	12%	0
166.99	Raffinose, Miscellaneous (%)	0227	0.57500	0.01000				3			0
166.99	Raffinose, Miscellaneous (%)	0619	0.67400	0.01800				3			0
166.99	Raffinose, Miscellaneous (%)	0297	0.87550	0.02300				3			0
167.99	Stachyose, Miscellaneous (%)	0227	0.58500	0.03000				3			0
167.99	Stachyose, Miscellaneous (%)	0297	0.71350	0.01300				3			0
167.99	Stachyose, Miscellaneous (%)	0619	0.85850	0.02900				3			0
354.01	Decoquinat e, LC (UV or FL) (mg/kg (ppm))	0218	0.56300	0.01000				3			0
354.01	Decoquinat e, LC (UV or FL) (mg/kg (ppm))	2053	0.70500	0.01000				3			0
354.01	Decoquinat e, LC (UV or FL) (mg/kg (ppm))	0038	0.82300	0.16000				3			0
354.04	Decoquinat e, LC-MS/MS (mg/kg (ppm))	2127	0.83000	0.02000				1			0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0043	24.074	0.27300	25.721	1.4089	0.78717	6	-1.17	3%	0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0629	24.300	0.00000	25.721	1.4089	0.78717	6	-1.01	3%	0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0512	26.005	1.9500	25.721	1.4089	0.78717	6	0.20	1%	0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0001	26.200	0.80000	25.721	1.4089	0.78717	6	0.34	1%	0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0036	26.800	0.80000	25.721	1.4089	0.78717	6	0.77	2%	0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0033	26.950	0.90000	25.721	1.4089	0.78717	6	0.87	2%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0032	24.150	0.90000	26.511	1.9224	1.5413	14	-1.23	4%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0009	24.266	0.24200	26.511	1.9224	1.5413	14	-1.17	4%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	2149	24.700	0.40000	26.511	1.9224	1.5413	14	-0.94	3%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0590	25.200	2.0000	26.511	1.9224	1.5413	14	-0.68	2%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0910	25.500	3.0000	26.511	1.9224	1.5413	14	-0.53	2%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0610	26.000	0.20000	26.511	1.9224	1.5413	14	-0.27	1%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0016	26.100	0.20000	26.511	1.9224	1.5413	14	-0.21	1%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0035	26.450	0.30000	26.511	1.9224	1.5413	14	-0.03	0%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0028	27.050	5.4600	26.511	1.9224	1.5413	14	0.28	1%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0010	27.400	1.6000	26.511	1.9224	1.5413	14	0.46	2%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0218	27.450	1.1000	26.511	1.9224	1.5413	14	0.49	2%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0014	28.700	0.20000	26.511	1.9224	1.5413	14	1.14	4%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0964	28.796	1.1759	26.511	1.9224	1.5413	14	1.19	4%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0038	35.820	4.8000	26.511	1.9224	1.5413	14	4.84	18%	0
361.04	Lasalocid sodium, LC-MS (mg/kg (ppm))	2053	26.900	1.6000				1			0
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	2127	28.210	2.6600	31.086	2.7907	1.5775	4			0
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	0553	30.255	1.1300	31.086	2.7907	1.5775	4			0
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	0555	31.000	2.0000	31.086	2.7907	1.5775	4			0

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	0610	34.880	0.52000	31.086	2.7907	1.5775	4		0	
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	2144	12.310	0.12000	31.086	2.7907	1.5775	4		2	
373.03	Oxytetracycline, LC (mg/kg (ppm))	0218	1.0215	0.64300				1		0	
373.06	Oxytetracycline, LC-MS/MS (mg/kg (ppm))	2127	0.67000	0.06000				1		0	
392.00	Fenbendazole, LC (UV or FL) (mg/kg (ppm))	0038	0.00000	0.00000				0		4	
392.01	Fenbendazole, LC-MS (mg/kg (ppm))	2053	0.33000	0.10000				1		0	
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.53200	0.00000	0.54702	0.02182	0.00303	6	-0.69	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.53245	0.00070	0.54702	0.02182	0.00303	6	-0.67	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.53250	0.01100	0.54702	0.02182	0.00303	6	-0.67	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2009	0.54250	0.00100	0.54702	0.02182	0.00303	6	-0.21	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.57075	0.00250	0.54702	0.02182	0.00303	6	1.09	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2109	0.57190	0.00300	0.54702	0.02182	0.00303	6	1.14	2%	0
400.99	Water activity, Miscellaneous (Units)	0843	0.49150	0.00100				2		0	
400.99	Water activity, Miscellaneous (Units)	2073	0.51900	0.00400				2		0	
412.01	Dietary Starch, Enzymatic-Colorimetric (%)	0353	18.615	0.07000				1		0	
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0045	0.34500	0.06000				2		0	
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.38000	0.02000				2		0	
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.39000	0.04000				3		0	
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.39050	0.00500				3		0	
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.44500	0.05000				3		0	
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0199	0.33000	0.02000	0.45200	0.13741	0.03093	6	-0.89	13%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	2012	0.36500	0.01000	0.45200	0.13741	0.03093	6	-0.63	10%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.36800	0.06800	0.45200	0.13741	0.03093	6	-0.61	9%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0941	0.45000	0.00000	0.45200	0.13741	0.03093	6	-0.01	0%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.58550	0.07300	0.45200	0.13741	0.03093	6	0.97	15%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.61350	0.01460	0.45200	0.13741	0.03093	6	1.18	18%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.16300	0.00200				1		0	
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.15500	0.01000				2		0	
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.19000	0.00000				2		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.13650	0.01300	0.16748	0.02401	0.00745	6	-1.29	9%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.15650	0.00300	0.16748	0.02401	0.00745	6	-0.46	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2012	0.16000	0.00000	0.16748	0.02401	0.00745	6	-0.31	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0941	0.17100	0.00000	0.16748	0.02401	0.00745	6	0.15	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.18600	0.02000	0.16748	0.02401	0.00745	6	0.77	6%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.19485	0.00870	0.16748	0.02401	0.00745	6	1.14	8%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	4.2800	0.12000				2		0	
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	4.6670	0.05600				2		0	
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	7.2355	0.23700				3		0	
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	2053	7.9000	0.48000				3		0	
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	8.0600	0.56000				3		0	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	8.6300	0.10000				1		0	

Test Material Code # 201731

Method Proficiency Testing Report

Issue Date : 12/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	4.3000	0.52000				1		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	6.2998	0.13230				1		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.02500	0.01000				2		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.50450	0.00900				2		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.31150	0.00300				3		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.34500	0.01000				3		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.35000	0.08000				3		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.24850	0.01500	0.31724	0.05475	0.02392	5		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0941	0.28600	0.00000	0.31724	0.05475	0.02392	5		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.31320	0.02160	0.31724	0.05475	0.02392	5		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.34850	0.04300	0.31724	0.05475	0.02392	5		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	2012	0.39000	0.04000	0.31724	0.05475	0.02392	5		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0199	4.7250	8.9900	0.31724	0.05475	0.02392	5		1	
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0941	6.2000	0.20000				2		0	
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0199	23.500	9.0000				2		0	
539.31	Nickel, AAS, Dry ash (mg / kg (ppm))	2149	4.2250	0.11000				1		0	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	3.4400	0.06000				1		0	
539.42	Nickel, ICP, Open vessel (mg / kg (ppm))	2053	3.5000	0.22000				1		0	
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	2.5850	0.03000				1		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0941	3.7300	0.00000				2		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	3.9954	0.14810				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	0.00000	0.00000				0		4	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.01180	0.00040				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.58410	0.00160				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.01415	0.00030				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.08135	0.00010				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.68705	0.00950				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.7391	0.00670				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.12305	0.00110				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.01060	0.00080				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.01340	0.00060				1		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0226	0.00780	0.00080				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.00895	0.00130				1		0	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	0.00000	0.00000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c-22:5), Miscellaneous (% (w/w))	0226	0.00000	0.00000				0		4	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.01170	0.00120				1		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c-24:6), Miscellaneous (% (w/w))	0226	0.00725	0.00030				1		0	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	0.00000	0.00000				0		4	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	3.3481	0.02600				1		0	

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 8 = Analyst data exempt and 4 =

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			

zeros submitted as values. Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). Flag 3 indicates not used in statistics.