



Flaxseed Meal

Pet Food Scheme

Labs Reporting: 56

Test Material Code # 201742

Method Proficiency Testing Report

Issue Date : 07/31/2017

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			
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	6.1950	0.37000	6.7801	0.38848	0.10380	5	-3.02	5%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	6.5700	0.04000	6.7801	0.38848	0.10380	5	-1.47	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.0055	0.06900	6.7801	0.38848	0.10380	5	0.33	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.0200	0.04000	6.7801	0.38848	0.10380	5	0.39	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2167	7.1100	0.00000	6.7801	0.38848	0.10380	5	0.76	1%	0
001.02	Loss on Drying, Vac on sand (%)	0870	5.4409	0.26920				1			0
001.03	Loss on Drying, Low temp. methods (%)	2124	6.8250	0.11000				1			0
001.05	Loss on Drying, LECO (%)	2153	6.9600	0.10000				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0870	6.4829	0.33620	6.8303	0.23603	0.15736	9	-1.47	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	6.6800	0.08000	6.8303	0.23603	0.15736	9	-0.64	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2033	6.6900	0.18000	6.8303	0.23603	0.15736	9	-0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2115	6.6900	0.02000	6.8303	0.23603	0.15736	9	-0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	6.8700	0.10000	6.8303	0.23603	0.15736	9	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0065	6.9300	0.08000	6.8303	0.23603	0.15736	9	0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	6.9500	0.46000	6.8303	0.23603	0.15736	9	0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.0500	0.16000	6.8303	0.23603	0.15736	9	0.93	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2156	7.1300	0.00000	6.8303	0.23603	0.15736	9	1.27	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.4400	1.0000	6.8303	0.23603	0.15736	9	2.58	4%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	2165	6.9250	0.05000				1			0
001.99	Loss on Drying, Miscellaneous (%)	0676	5.2750	0.11000				3			0
001.99	Loss on Drying, Miscellaneous (%)	0019	5.9750	0.09000				3			0
001.99	Loss on Drying, Miscellaneous (%)	0510	6.4500	0.10000				3			0
002.01	Protein, Auto Kjel-Foss (%)	0870	20.808	0.06800				3			0
002.01	Protein, Auto Kjel-Foss (%)	0164	21.195	0.09000				3			0
002.01	Protein, Auto Kjel-Foss (%)	2023	22.795	0.15000				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	20.740	0.12000				1			0
002.04	Protein, Copper Catalyst (%)	2136	21.205	0.53000				2			0
002.04	Protein, Copper Catalyst (%)	0504	21.350	0.32000				2			0
002.05	Protein, Copper, Boric Acid (%)	0015	20.570	0.06000				3			0
002.05	Protein, Copper, Boric Acid (%)	2167	20.940	0.04000				3			0
002.05	Protein, Copper, Boric Acid (%)	2115	21.055	0.07000				3			0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2124	17.585	0.11000	21.150	0.33196	0.24328	43	-10.74	8%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	20.494	0.50900	21.150	0.33196	0.24328	43	-1.98	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	20.560	0.08000	21.150	0.33196	0.24328	43	-1.78	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	20.750	0.00000	21.150	0.33196	0.24328	43	-1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2033	20.820	0.14000	21.150	0.33196	0.24328	43	-0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	20.825	0.13000	21.150	0.33196	0.24328	43	-0.98	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2165	20.840	0.42000	21.150	0.33196	0.24328	43	-0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	20.850	0.14000	21.150	0.33196	0.24328	43	-0.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	20.855	0.05000	21.150	0.33196	0.24328	43	-0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	20.865	0.09000	21.150	0.33196	0.24328	43	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0051	20.900	0.20000	21.150	0.33196	0.24328	43	-0.75	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	20.945	0.05000	21.150	0.33196	0.24328	43	-0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	20.950	0.10000	21.150	0.33196	0.24328	43	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	20.970	0.16000	21.150	0.33196	0.24328	43	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2169	20.984	0.21300	21.150	0.33196	0.24328	43	-0.50	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	21.000	0.20000	21.150	0.33196	0.24328	43	-0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	21.040	0.24000	21.150	0.33196	0.24328	43	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2162	21.070	0.08000	21.150	0.33196	0.24328	43	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	21.075	0.19000	21.150	0.33196	0.24328	43	-0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2050	21.115	0.03000	21.150	0.33196	0.24328	43	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	21.120	0.08000	21.150	0.33196	0.24328	43	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	21.145	0.88400	21.150	0.33196	0.24328	43	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	21.160	0.26000	21.150	0.33196	0.24328	43	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	21.170	0.02000	21.150	0.33196	0.24328	43	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	21.190	0.42000	21.150	0.33196	0.24328	43	0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0065	21.196	0.15900	21.150	0.33196	0.24328	43	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0417	21.250	0.20000	21.150	0.33196	0.24328	43	0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	21.290	0.26900	21.150	0.33196	0.24328	43	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2016	21.290	0.70000	21.150	0.33196	0.24328	43	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	21.313	0.11560	21.150	0.33196	0.24328	43	0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	21.330	0.02000	21.150	0.33196	0.24328	43	0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	21.366	0.39100	21.150	0.33196	0.24328	43	0.65	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2153	21.371	0.28000	21.150	0.33196	0.24328	43	0.67	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2156	21.385	0.65000	21.150	0.33196	0.24328	43	0.71	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	21.395	0.35000	21.150	0.33196	0.24328	43	0.74	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	21.420	0.34000	21.150	0.33196	0.24328	43	0.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	21.553	0.02390	21.150	0.33196	0.24328	43	1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	21.584	0.18250	21.150	0.33196	0.24328	43	1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	21.585	0.05000	21.150	0.33196	0.24328	43	1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	21.590	0.36000	21.150	0.33196	0.24328	43	1.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0808	21.655	0.17000	21.150	0.33196	0.24328	43	1.52	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	22.105	0.56400	21.150	0.33196	0.24328	43	2.88	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	24.410	0.84000	21.150	0.33196	0.24328	43	9.82	8%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.08	Protein, Cu/Ti (%)	0098	21.085	0.11000				1			0
002.99	Protein, Miscellaneous (%)	0969	20.400	0.00000				3			0
002.99	Protein, Miscellaneous (%)	0970	21.050	0.10000				3			0
002.99	Protein, Miscellaneous (%)	2004	21.500	0.20000				3			0
003.00	Fat, Eth Ext., Direct (%)	0026	35.310	0.56000	37.248	2.6417	0.35902	5	-0.73	3%	0
003.00	Fat, Eth Ext., Direct (%)	2153	35.405	0.47000	37.248	2.6417	0.35902	5	-0.70	2%	0
003.00	Fat, Eth Ext., Direct (%)	0309	35.525	0.60510	37.248	2.6417	0.35902	5	-0.65	2%	0
003.00	Fat, Eth Ext., Direct (%)	2115	38.850	0.06000	37.248	2.6417	0.35902	5	0.61	2%	0
003.00	Fat, Eth Ext., Direct (%)	2033	41.150	0.10000	37.248	2.6417	0.35902	5	1.48	5%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	33.955	0.09000				1			0
003.06	Fat, Pet Ether (%)	0511	32.845	0.05000				2			0
003.06	Fat, Pet Ether (%)	0164	40.810	0.16000				2			0
003.09	Fat, Soxtec, Eth Ext (%)	0098	34.420	0.58000	34.764	0.40460	0.68905	4	-0.85	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	34.637	1.1122	34.764	0.40460	0.68905	4	-0.31	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0964	34.649	0.96400	34.764	0.40460	0.68905	4	-0.28	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	35.350	0.10000	34.764	0.40460	0.68905	4	1.45	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	28.867	0.54950	31.740	2.6400	0.29439	9	-1.09	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	2165	30.120	0.42000	31.740	2.6400	0.29439	9	-0.61	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	30.225	0.33000	31.740	2.6400	0.29439	9	-0.57	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0051	30.700	0.20000	31.740	2.6400	0.29439	9	-0.39	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	30.920	0.10000	31.740	2.6400	0.29439	9	-0.31	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2089	31.415	0.11000	31.740	2.6400	0.29439	9	-0.12	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2162	32.495	0.01000	31.740	2.6400	0.29439	9	0.29	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2167	35.215	0.49000	31.740	2.6400	0.29439	9	1.32	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	2124	42.160	0.44000	31.740	2.6400	0.29439	9	3.95	16%	0
003.12	Fat, Hexane Ext (%)	0171	41.865	0.09000				1			0
003.14	Fat, Ankom (%)	2023	8.2400	0.56000	34.951	2.8449	0.42036	7	-9.39	38%	0
003.14	Fat, Ankom (%)	0019	32.380	1.1400	34.951	2.8449	0.42036	7	-0.90	4%	0
003.14	Fat, Ankom (%)	0529	35.415	0.21000	34.951	2.8449	0.42036	7	0.16	1%	0
003.14	Fat, Ankom (%)	0034	35.925	0.65000	34.951	2.8449	0.42036	7	0.34	1%	0
003.14	Fat, Ankom (%)	0876	35.945	0.13000	34.951	2.8449	0.42036	7	0.35	1%	0
003.14	Fat, Ankom (%)	0407	36.418	0.07250	34.951	2.8449	0.42036	7	0.52	2%	0
003.14	Fat, Ankom (%)	0015	37.890	0.18000	34.951	2.8449	0.42036	7	1.03	4%	0
003.99	Fat, Miscellaneous (%)	0880	12.050	1.7000				2			0
003.99	Fat, Miscellaneous (%)	2136	37.845	0.31000				2			0
004.00	Fiber, Crude, Asbestos Free (%)	2023	1.3950	0.07000	8.2535	5.7671	0.30516	8	-1.19	42%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	5.0000	0.20000	8.2535	5.7671	0.30516	8	-0.56	20%	0
004.00	Fiber, Crude, Asbestos Free (%)	0969	5.2350	0.75000	8.2535	5.7671	0.30516	8	-0.52	18%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	6.8088	0.08130	8.2535	5.7671	0.30516	8	-0.25	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	7.8450	0.29000	8.2535	5.7671	0.30516	8	-0.07	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	8.4900	0.16000	8.2535	5.7671	0.30516	8	0.04	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.00	Fiber, Crude, Asbestos Free (%)	2004	14.350	0.70000	8.2535	5.7671	0.30516	8	1.06	37%	0
004.00	Fiber, Crude, Asbestos Free (%)	2167	23.035	0.19000	8.2535	5.7671	0.30516	8	2.56	90%	0
004.03	Fiber, Fritted Glass (%)	2033	10.950	0.10000				1			0
004.06	Fiber, Fibertec (%)	2115	7.0650	0.09000				2			0
004.06	Fiber, Fibertec (%)	0098	20.865	0.25000				2			0
004.07	Fiber, ANKOM (%)	2115	7.1100	0.28000	19.074	3.2918	0.71247	7	-3.63	31%	0
004.07	Fiber, ANKOM (%)	0510	17.900	1.0000	19.074	3.2918	0.71247	7	-0.36	3%	0
004.07	Fiber, ANKOM (%)	0553	18.205	1.0300	19.074	3.2918	0.71247	7	-0.26	2%	0
004.07	Fiber, ANKOM (%)	0529	18.535	0.15000	19.074	3.2918	0.71247	7	-0.16	1%	0
004.07	Fiber, ANKOM (%)	0019	19.920	0.88000	19.074	3.2918	0.71247	7	0.26	2%	0
004.07	Fiber, ANKOM (%)	0098	21.790	0.14000	19.074	3.2918	0.71247	7	0.83	7%	0
004.07	Fiber, ANKOM (%)	0870	23.031	1.5073	19.074	3.2918	0.71247	7	1.20	10%	0
004.99	Fiber, Miscellaneous (%)	2165	5.1600	0.16000				1			0
005.00	Ash, 2h @ 600°C (%)	0808	3.2150	0.01000	3.3930	0.08042	0.06197	31	-2.21	3%	0
005.00	Ash, 2h @ 600°C (%)	0880	3.2425	0.05900	3.3930	0.08042	0.06197	31	-1.87	2%	0
005.00	Ash, 2h @ 600°C (%)	0417	3.2750	0.11000	3.3930	0.08042	0.06197	31	-1.47	2%	0
005.00	Ash, 2h @ 600°C (%)	0001	3.2950	0.06230	3.3930	0.08042	0.06197	31	-1.22	1%	0
005.00	Ash, 2h @ 600°C (%)	0957	3.3000	0.12000	3.3930	0.08042	0.06197	31	-1.16	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	3.3040	0.00800	3.3930	0.08042	0.06197	31	-1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0511	3.3400	0.02000	3.3930	0.08042	0.06197	31	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0959	3.3400	0.04000	3.3930	0.08042	0.06197	31	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	3.3450	0.09990	3.3930	0.08042	0.06197	31	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0964	3.3640	0.02400	3.3930	0.08042	0.06197	31	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	3.3700	0.04000	3.3930	0.08042	0.06197	31	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	2115	3.3800	0.04000	3.3930	0.08042	0.06197	31	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	2162	3.3850	0.07000	3.3930	0.08042	0.06197	31	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	3.3857	0.06200	3.3930	0.08042	0.06197	31	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0051	3.4000	0.00000	3.3930	0.08042	0.06197	31	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	2033	3.4000	0.00000	3.3930	0.08042	0.06197	31	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	2016	3.4000	0.10000	3.3930	0.08042	0.06197	31	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	3.4050	0.19000	3.3930	0.08042	0.06197	31	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	2124	3.4100	0.02000	3.3930	0.08042	0.06197	31	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0309	3.4200	0.08600	3.3930	0.08042	0.06197	31	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0650	3.4250	0.21000	3.3930	0.08042	0.06197	31	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0019	3.4300	0.06000	3.3930	0.08042	0.06197	31	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	3.4400	0.08000	3.3930	0.08042	0.06197	31	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	3.4400	0.10000	3.3930	0.08042	0.06197	31	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	3.4450	0.01000	3.3930	0.08042	0.06197	31	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	3.4450	0.05000	3.3930	0.08042	0.06197	31	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	3.4600	0.02000	3.3930	0.08042	0.06197	31	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0015	3.4950	0.03000	3.3930	0.08042	0.06197	31	1.27	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	2089	3.5250	0.11000	3.3930	0.08042	0.06197	31	1.64	2%	0
005.00	Ash, 2h @ 600°C (%)	0876	3.5800	0.08000	3.3930	0.08042	0.06197	31	2.32	3%	0
005.00	Ash, 2h @ 600°C (%)	0242	3.6850	0.01000	3.3930	0.08042	0.06197	31	3.63	4%	0
005.00	Ash, 2h @ 600°C (%)	0529	3.3500	0.50000	3.3930	0.08042	0.06197	31	-0.54	1%	1
005.02	Ash, LECO (%)	2153	3.5450	0.01000				1			0
005.05	Ash, 3h @ 550°C (%)	2165	3.3050	0.09000	3.4060	0.09529	0.05600	5	-1.06	1%	0
005.05	Ash, 3h @ 550°C (%)	2050	3.3250	0.09000	3.4060	0.09529	0.05600	5	-0.85	1%	0
005.05	Ash, 3h @ 550°C (%)	0003	3.4050	0.01000	3.4060	0.09529	0.05600	5	-0.01	0%	0
005.05	Ash, 3h @ 550°C (%)	2136	3.4600	0.06000	3.4060	0.09529	0.05600	5	0.57	1%	0
005.05	Ash, 3h @ 550°C (%)	2167	3.5350	0.03000	3.4060	0.09529	0.05600	5	1.35	2%	0
005.05	Ash, 3h @ 550°C (%)	0065	3.0850	1.0500	3.4060	0.09529	0.05600	5	-3.37	5%	1
005.99	Ash, Miscellaneous (%)	2169	1.9949	0.79110	3.3800	0.40515	0.23352	6	-3.42	20%	0
005.99	Ash, Miscellaneous (%)	2004	3.2950	0.25000	3.3800	0.40515	0.23352	6	-0.21	1%	0
005.99	Ash, Miscellaneous (%)	0969	3.3800	0.00000	3.3800	0.40515	0.23352	6	0.00	0%	0
005.99	Ash, Miscellaneous (%)	0970	3.4000	0.00000	3.3800	0.40515	0.23352	6	0.05	0%	0
005.99	Ash, Miscellaneous (%)	0676	3.4450	0.31000	3.3800	0.40515	0.23352	6	0.16	1%	0
005.99	Ash, Miscellaneous (%)	2023	7.0250	0.05000	3.3800	0.40515	0.23352	6	9.00	54%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	3.3605	0.25300				1			0
006.99	Total sugars, Miscellaneous (%)	2165	1.4000	0.00000	1.9788	0.80165	0.03750	4	-0.72	15%	0
006.99	Total sugars, Miscellaneous (%)	0970	1.6500	0.10000	1.9788	0.80165	0.03750	4	-0.41	8%	0
006.99	Total sugars, Miscellaneous (%)	0969	1.7000	0.00000	1.9788	0.80165	0.03750	4	-0.35	7%	0
006.99	Total sugars, Miscellaneous (%)	2004	3.1650	0.05000	1.9788	0.80165	0.03750	4	1.48	30%	0
008.02	Fiber, Acid Detergent (%)	0309	7.4998	0.25400				3			0
008.02	Fiber, Acid Detergent (%)	0098	9.5650	0.91000				3			0
008.02	Fiber, Acid Detergent (%)	0504	13.145	1.6500				3			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	6.9000	0.00000	16.756	7.2777	0.50512	5	-1.11	28%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2115	11.455	0.19000	16.756	7.2777	0.50512	5	-0.56	14%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	19.750	2.1000	16.756	7.2777	0.50512	5	0.46	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	21.480	0.18000	16.756	7.2777	0.50512	5	0.67	17%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	24.195	0.05560	16.756	7.2777	0.50512	5	1.00	26%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	25.185	1.2700				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	16.935	0.57220				2			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	25.250	0.90000				2			0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	14.350	0.10000	24.519	7.4010	0.73380	5	-1.37	21%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2115	20.065	0.77000	24.519	7.4010	0.73380	5	-0.60	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	25.500	1.0000	24.519	7.4010	0.73380	5	0.13	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0015	30.375	0.65000	24.519	7.4010	0.73380	5	0.79	12%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	32.303	1.1490	24.519	7.4010	0.73380	5	1.05	16%	0
010.03	Moisture, Karl-Fischer (%)	0164	7.0750	0.03000				1			0
010.99	Moisture, Miscellaneous (%)	0969	6.5200	0.10000	7.0897	0.64347	0.09087	6	-0.89	4%	0
010.99	Moisture, Miscellaneous (%)	0964	6.6835	0.09700	7.0897	0.64347	0.09087	6	-0.63	3%	0

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010.99	Moisture, Miscellaneous (%)	2004	6.7450	0.07000	7.0897	0.64347	0.09087	6	-0.54	2%	0
010.99	Moisture, Miscellaneous (%)	2089	7.2100	0.00000	7.0897	0.64347	0.09087	6	0.19	1%	0
010.99	Moisture, Miscellaneous (%)	0970	7.3250	0.01000	7.0897	0.64347	0.09087	6	0.37	2%	0
010.99	Moisture, Miscellaneous (%)	2169	8.0720	0.26820	7.0897	0.64347	0.09087	6	1.53	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	6.0500	0.10000	6.6829	0.49765	0.14600	21	-1.27	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	6.0750	0.35000	6.6829	0.49765	0.14600	21	-1.22	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2016	6.1450	0.53000	6.6829	0.49765	0.14600	21	-1.08	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	6.2000	0.02000	6.6829	0.49765	0.14600	21	-0.97	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	6.2450	0.11000	6.6829	0.49765	0.14600	21	-0.88	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	6.3000	0.04000	6.6829	0.49765	0.14600	21	-0.77	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	6.3171	0.05300	6.6829	0.49765	0.14600	21	-0.74	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	6.5850	0.07000	6.6829	0.49765	0.14600	21	-0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	6.5900	0.10000	6.6829	0.49765	0.14600	21	-0.19	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	6.6175	0.22700	6.6829	0.49765	0.14600	21	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	6.6200	0.14000	6.6829	0.49765	0.14600	21	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	6.6700	0.10000	6.6829	0.49765	0.14600	21	-0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	6.6900	0.28000	6.6829	0.49765	0.14600	21	0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2136	6.8500	0.12000	6.6829	0.49765	0.14600	21	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	6.9000	0.04000	6.6829	0.49765	0.14600	21	0.44	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	7.1200	0.12000	6.6829	0.49765	0.14600	21	0.88	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	7.1400	0.08000	6.6829	0.49765	0.14600	21	0.92	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	7.1864	0.00600	6.6829	0.49765	0.14600	21	1.01	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	7.2900	0.04000	6.6829	0.49765	0.14600	21	1.22	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	7.3200	0.50000	6.6829	0.49765	0.14600	21	1.28	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2162	7.4300	0.04000	6.6829	0.49765	0.14600	21	1.50	6%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	2023	5.8650	0.01000				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0417	6.6500	0.12000				2			0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0808	6.6450	0.03000				2			0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	2167	7.1750	0.01000				2			0
012.00	Starch, Polarimetric (Ewers) (%)	0164	2.5500	0.50000				2			0
012.00	Starch, Polarimetric (Ewers) (%)	2023	26.650	0.10000				2			0
012.01	Starch, Megazyme (%)	0870	0.06245	0.01010				3			0
012.01	Starch, Megazyme (%)	2004	0.08000	0.02000				3			0
012.01	Starch, Megazyme (%)	0164	2.9000	0.60000				3			0
012.03	Starch, Enzymatic (%)	0407	0.45000	0.10000				1			0
012.03	Starch, Enzymatic (%)	0098	0.00000	0.00000				1			4
012.04	Starch, YSI Analyzer (%)	0160	0.24000	0.06000				1			0
013.00	Fat, Acid hydrolysis (%)	2023	15.845	0.17000	37.765	6.7531	0.75270	10	-3.25	29%	0
013.00	Fat, Acid hydrolysis (%)	0504	28.075	1.7300	37.765	6.7531	0.75270	10	-1.43	13%	0
013.00	Fat, Acid hydrolysis (%)	2156	34.545	0.23000	37.765	6.7531	0.75270	10	-0.48	4%	0
013.00	Fat, Acid hydrolysis (%)	2016	36.190	1.8200	37.765	6.7531	0.75270	10	-0.23	2%	0

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013.00	Fat, Acid hydrolysis (%)	0970	39.600	0.20000	37.765	6.7531	0.75270	10	0.27	2%	0
013.00	Fat, Acid hydrolysis (%)	0309	40.884	1.3330	37.765	6.7531	0.75270	10	0.46	4%	0
013.00	Fat, Acid hydrolysis (%)	0969	42.550	0.10000	37.765	6.7531	0.75270	10	0.71	6%	0
013.00	Fat, Acid hydrolysis (%)	2004	42.600	0.60000	37.765	6.7531	0.75270	10	0.72	6%	0
013.00	Fat, Acid hydrolysis (%)	0242	42.685	0.39000	37.765	6.7531	0.75270	10	0.73	7%	0
013.00	Fat, Acid hydrolysis (%)	2115	42.888	0.95400	37.765	6.7531	0.75270	10	0.76	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	34.220	0.86000	39.120	2.8551	0.57693	14	-1.72	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0808	35.550	0.10000	39.120	2.8551	0.57693	14	-1.25	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0065	35.965	0.45000	39.120	2.8551	0.57693	14	-1.11	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	37.720	0.88000	39.120	2.8551	0.57693	14	-0.49	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	38.195	0.41000	39.120	2.8551	0.57693	14	-0.32	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	38.760	0.50000	39.120	2.8551	0.57693	14	-0.13	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0051	38.900	1.0000	39.120	2.8551	0.57693	14	-0.08	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0074	39.775	0.75000	39.120	2.8551	0.57693	14	0.23	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	39.860	0.42000	39.120	2.8551	0.57693	14	0.26	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	40.033	1.4562	39.120	2.8551	0.57693	14	0.32	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0001	40.723	0.06080	39.120	2.8551	0.57693	14	0.56	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	41.850	0.50000	39.120	2.8551	0.57693	14	0.96	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	42.560	0.52000	39.120	2.8551	0.57693	14	1.20	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	42.955	0.17000	39.120	2.8551	0.57693	14	1.34	5%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2162	21.040	15.740	32.471	10.054	4.1525	4	-1.90	21%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	27.530	0.30000	32.471	10.054	4.1525	4	-1.09	12%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0160	38.000	0.40000	32.471	10.054	4.1525	4	0.21	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2167	43.315	0.17000	32.471	10.054	4.1525	4	0.88	10%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0019	41.975	2.5300				2			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	43.350	5.2800				2			0
014.99	Fiber, total dietary TDF, Miscellaneous (%)	2167	21.500	0.40000				3			0
014.99	Fiber, total dietary TDF, Miscellaneous (%)	0164	23.800	3.0000				3			0
014.99	Fiber, total dietary TDF, Miscellaneous (%)	2165	27.770	3.6800				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	7.6000	1.0000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	2033	4.0500	0.30000				1			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	16.000	0.00000				1			0
017.44	Boron, ICP, Dry ash (mg / kg (ppm))	0171	14.250	0.50000				1			0
017.53	Boron, ICP-MS, Microwave (mg / kg (ppm))	0553	22.350	1.3000				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2115	0.19000	0.00000				1			0
019.31	Calcium, AAS, Dry ash (%)	0529	0.20000	0.00000				3			0
019.31	Calcium, AAS, Dry ash (%)	0001	0.23960	0.00360				3			0
019.31	Calcium, AAS, Dry ash (%)	0650	0.25500	0.01000				3			0
019.32	Calcium, AAS, Open vessel (%)	0504	0.27715	0.02650				1			0
019.33	Calcium, AAS, Microwave (%)	0504	0.27455	0.00250				1			0
019.41	Calcium, ICP, Dry ash (%)	0051	0.23500	0.01000	0.25340	0.01743	0.01036	11	-1.06	4%	0

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019.41	Calcium, ICP, Dry ash (%)	0098	0.23500	0.01000	0.25340	0.01743	0.01036	11	-1.06	4%	0
019.41	Calcium, ICP, Dry ash (%)	0019	0.24000	0.02000	0.25340	0.01743	0.01036	11	-0.77	3%	0
019.41	Calcium, ICP, Dry ash (%)	0964	0.24140	0.00120	0.25340	0.01743	0.01036	11	-0.69	2%	0
019.41	Calcium, ICP, Dry ash (%)	0164	0.24200	0.00600	0.25340	0.01743	0.01036	11	-0.65	2%	0
019.41	Calcium, ICP, Dry ash (%)	0074	0.25500	0.01000	0.25340	0.01743	0.01036	11	0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.26100	0.00680	0.25340	0.01743	0.01036	11	0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	0.26250	0.01900	0.25340	0.01743	0.01036	11	0.52	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.26500	0.01000	0.25340	0.01743	0.01036	11	0.67	2%	0
019.41	Calcium, ICP, Dry ash (%)	0003	0.27500	0.01000	0.25340	0.01743	0.01036	11	1.24	4%	0
019.41	Calcium, ICP, Dry ash (%)	0511	0.27550	0.01100	0.25340	0.01743	0.01036	11	1.27	4%	0
019.42	Calcium, ICP, Open vessel (%)	0026	0.17000	0.00000	0.22853	0.04264	0.02440	4	-1.15	10%	0
019.42	Calcium, ICP, Open vessel (%)	0042	0.23250	0.01500	0.22853	0.04264	0.02440	4	0.48	4%	0
019.42	Calcium, ICP, Open vessel (%)	0870	0.23960	0.00060	0.22853	0.04264	0.02440	4	0.67	6%	0
019.42	Calcium, ICP, Open vessel (%)	0504	0.27200	0.08200	0.22853	0.04264	0.02440	4	1.51	14%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.23000	0.02000	0.25054	0.01879	0.01070	9	-1.09	4%	0
019.43	Calcium, ICP, Microwave (%)	2165	0.23500	0.01000	0.25054	0.01879	0.01070	9	-0.83	3%	0
019.43	Calcium, ICP, Microwave (%)	0964	0.23865	0.01310	0.25054	0.01879	0.01070	9	-0.63	2%	0
019.43	Calcium, ICP, Microwave (%)	0034	0.24170	0.00220	0.25054	0.01879	0.01070	9	-0.47	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	0.24500	0.01000	0.25054	0.01879	0.01070	9	-0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.25500	0.01000	0.25054	0.01879	0.01070	9	0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	2033	0.26000	0.02000	0.25054	0.01879	0.01070	9	0.50	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	0.27450	0.00100	0.25054	0.01879	0.01070	9	1.28	5%	0
019.43	Calcium, ICP, Microwave (%)	2124	0.27500	0.01000	0.25054	0.01879	0.01070	9	1.30	5%	0
019.44	Calcium, ICP, Dry ash (%)	2114	0.21745	0.00370	0.23542	0.00761	0.00212	6	-2.36	4%	0
019.44	Calcium, ICP, Dry ash (%)	2004	0.23100	0.00600	0.23542	0.00761	0.00212	6	-0.58	1%	0
019.44	Calcium, ICP, Dry ash (%)	0970	0.23750	0.00100	0.23542	0.00761	0.00212	6	0.27	0%	0
019.44	Calcium, ICP, Dry ash (%)	2023	0.23800	0.00000	0.23542	0.00761	0.00212	6	0.34	1%	0
019.44	Calcium, ICP, Dry ash (%)	0065	0.24000	0.00000	0.23542	0.00761	0.00212	6	0.60	1%	0
019.44	Calcium, ICP, Dry ash (%)	0969	0.24200	0.00200	0.23542	0.00761	0.00212	6	0.87	1%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.30100	0.01000				1			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	0.28350	0.00700				1			0
019.99	Calcium, Miscellaneous (%)	0242	0.26500	0.01000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	0.23000	0.00000				2			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0964	0.24390	0.01500				2			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	0.24000	0.02000				2			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	0.28215	0.01230				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	0.25400	0.01600				1			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	13.300	0.40000				1			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	11.390	0.86000				1			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	9.5185	0.22300				1			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	10.525	0.23000	12.771	1.6879	0.51868	10	-1.33	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	11.928	0.55450	12.771	1.6879	0.51868	10	-0.50	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0051	11.955	0.59000	12.771	1.6879	0.51868	10	-0.48	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0964	12.114	0.27230	12.771	1.6879	0.51868	10	-0.39	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	12.405	0.53000	12.771	1.6879	0.51868	10	-0.22	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	12.500	1.0000	12.771	1.6879	0.51868	10	-0.16	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	12.675	0.91000	12.771	1.6879	0.51868	10	-0.06	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	13.000	0.00000	12.771	1.6879	0.51868	10	0.14	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	15.850	0.10000	12.771	1.6879	0.51868	10	1.82	12%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	16.500	1.0000	12.771	1.6879	0.51868	10	2.21	15%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	15.650	7.3000	12.771	1.6879	0.51868	10	1.71	11%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	11.665	0.05000				3			0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	13.350	3.5000				3			0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0026	20.000	0.00000				3			0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2124	6.1400	0.12000	11.083	1.9466	1.0075	7	-2.54	22%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	10.000	0.00000	11.083	1.9466	1.0075	7	-0.56	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	10.370	2.3000	11.083	1.9466	1.0075	7	-0.37	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2165	11.500	1.0000	11.083	1.9466	1.0075	7	0.21	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	12.054	2.1536	11.083	1.9466	1.0075	7	0.50	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	12.105	0.95000	11.083	1.9466	1.0075	7	0.53	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	13.388	0.52900	11.083	1.9466	1.0075	7	1.18	10%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2114	9.7279	0.19250	11.257	1.0335	0.14813	4	-1.48	7%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0970	11.600	0.20000	11.257	1.0335	0.14813	4	0.33	2%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0969	11.700	0.00000	11.257	1.0335	0.14813	4	0.43	2%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	12.000	0.20000	11.257	1.0335	0.14813	4	0.72	3%	0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	12.860	0.08000				1			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	12.600	0.20000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	12.600	0.40000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	10.500	1.0000				1			0
024.99	Iodine, Miscellaneous (mg / kg (ppm))	0969	0.00000	0.00000				0			4
024.99	Iodine, Miscellaneous (mg / kg (ppm))	0970	0.00000	0.00000				0			4
024.99	Iodine, Miscellaneous (mg / kg (ppm))	2004	0.00000	0.00000				0			4
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	63.050	0.50000				1			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	64.625	3.4900				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2114	53.076	0.82450	58.944	5.3198	1.9792	13	-1.10	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	54.310	8.3400	58.944	5.3198	1.9792	13	-0.87	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0970	54.950	0.10000	58.944	5.3198	1.9792	13	-0.75	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0051	55.000	2.0000	58.944	5.3198	1.9792	13	-0.74	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0969	55.400	0.40000	58.944	5.3198	1.9792	13	-0.67	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	56.400	1.4000	58.944	5.3198	1.9792	13	-0.48	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	58.500	1.0000	58.944	5.3198	1.9792	13	-0.08	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	58.500	1.0000	58.944	5.3198	1.9792	13	-0.08	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	60.890	0.08000	58.944	5.3198	1.9792	13	0.37	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	62.400	0.80000	58.944	5.3198	1.9792	13	0.65	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	63.314	3.6829	58.944	5.3198	1.9792	13	0.82	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0964	66.608	3.5024	58.944	5.3198	1.9792	13	1.44	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	71.700	2.6000	58.944	5.3198	1.9792	13	2.40	11%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	87.520	13.420	58.944	5.3198	1.9792	13	5.37	24%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0026	38.000	14.000				3			0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	55.965	2.3300				3			0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	94.500	10.000				3			0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2165	41.000	4.0000	55.959	7.0982	2.8008	7	-2.11	13%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	50.500	1.0000	55.959	7.0982	2.8008	7	-0.77	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2033	54.750	3.7000	55.959	7.0982	2.8008	7	-0.17	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	58.184	6.2756	55.959	7.0982	2.8008	7	0.31	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	58.600	0.40000	55.959	7.0982	2.8008	7	0.37	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	61.455	3.3700	55.959	7.0982	2.8008	7	0.77	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2124	62.910	0.86000	55.959	7.0982	2.8008	7	0.98	6%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	61.160	1.2200				1			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	57.200	0.00000				1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	54.500	1.0000				1			0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.33095	0.00190				3			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.36350	0.00500				3			0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.38685	0.02250				3			0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.38045	0.02210				1			0
027.33	Magnesium, AAS, Microwave (%)	0504	0.31005	0.00690				1			0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.35880	0.00920	0.37350	0.01206	0.00416	11	-1.22	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.36000	0.00400	0.37350	0.01206	0.00416	11	-1.12	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.36550	0.00100	0.37350	0.01206	0.00416	11	-0.66	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.37000	0.00000	0.37350	0.01206	0.00416	11	-0.29	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.37000	0.00000	0.37350	0.01206	0.00416	11	-0.29	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0964	0.37085	0.00350	0.37350	0.01206	0.00416	11	-0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.37175	0.00010	0.37350	0.01206	0.00416	11	-0.15	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.38000	0.00000	0.37350	0.01206	0.00416	11	0.54	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.38500	0.01000	0.37350	0.01206	0.00416	11	0.95	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.38500	0.01000	0.37350	0.01206	0.00416	11	0.95	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.39600	0.00800	0.37350	0.01206	0.00416	11	1.87	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.36850	0.00940				2			0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.38950	0.03900				2			0
027.43	Magnesium, ICP, Microwave (%)	2165	0.32000	0.02000	0.37161	0.02892	0.01521	9	-1.78	7%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.34000	0.00000	0.37161	0.02892	0.01521	9	-1.09	4%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.36110	0.05420	0.37161	0.02892	0.01521	9	-0.36	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.37000	0.02000	0.37161	0.02892	0.01521	9	-0.06	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.43	Magnesium, ICP, Microwave (%)	2089	0.37000	0.00000	0.37161	0.02892	0.01521	9	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.38415	0.00670	0.37161	0.02892	0.01521	9	0.43	2%	0
027.43	Magnesium, ICP, Microwave (%)	2124	0.39000	0.00000	0.37161	0.02892	0.01521	9	0.64	2%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.39600	0.00600	0.37161	0.02892	0.01521	9	0.84	3%	0
027.43	Magnesium, ICP, Microwave (%)	2033	0.40500	0.03000	0.37161	0.02892	0.01521	9	1.15	4%	0
027.44	Magnesium, ICP, Dry ash (%)	0065	0.35950	0.00900	0.37620	0.01285	0.00583	6	-1.30	2%	0
027.44	Magnesium, ICP, Dry ash (%)	0970	0.36450	0.00100	0.37620	0.01285	0.00583	6	-0.91	2%	0
027.44	Magnesium, ICP, Dry ash (%)	2023	0.37950	0.01100	0.37620	0.01285	0.00583	6	0.26	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2114	0.38270	0.00400	0.37620	0.01285	0.00583	6	0.51	1%	0
027.44	Magnesium, ICP, Dry ash (%)	0969	0.38500	0.00200	0.37620	0.01285	0.00583	6	0.68	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.38600	0.00800	0.37620	0.01285	0.00583	6	0.76	1%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.41800	0.02600				1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.40700	0.02600				1			0
027.99	Magnesium, Miscellaneous (%)	0242	0.38500	0.01000				1			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	26.500	0.80000				1			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	29.170	0.42000				1			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	30.400	4.5000				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	24.195	1.0500	27.683	1.2235	0.61866	11	-2.85	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	26.500	1.0000	27.683	1.2235	0.61866	11	-0.97	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0051	27.030	0.02000	27.683	1.2235	0.61866	11	-0.53	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	27.462	1.4985	27.683	1.2235	0.61866	11	-0.18	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	27.500	1.0000	27.683	1.2235	0.61866	11	-0.15	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	27.500	0.00000	27.683	1.2235	0.61866	11	-0.15	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0964	27.741	0.65680	27.683	1.2235	0.61866	11	0.05	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	28.000	0.00000	27.683	1.2235	0.61866	11	0.26	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	28.085	0.19000	27.683	1.2235	0.61866	11	0.33	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	29.345	0.39000	27.683	1.2235	0.61866	11	1.36	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	29.500	1.0000	27.683	1.2235	0.61866	11	1.49	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	23.000	2.0000				3			0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	26.245	1.7300				3			0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	36.400	3.0000				3			0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2124	14.780	0.20000	26.252	3.5282	1.6610	9	-3.25	22%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	23.500	1.0000	26.252	3.5282	1.6610	9	-0.78	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2165	24.500	1.0000	26.252	3.5282	1.6610	9	-0.50	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	25.336	2.5620	26.252	3.5282	1.6610	9	-0.26	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	26.320	0.30000	26.252	3.5282	1.6610	9	0.02	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	27.618	3.5443	26.252	3.5282	1.6610	9	0.39	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2033	27.750	2.3000	26.252	3.5282	1.6610	9	0.42	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	28.740	1.0000	26.252	3.5282	1.6610	9	0.71	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	32.034	3.0430	26.252	3.5282	1.6610	9	1.64	11%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2114	24.913	0.52070	26.493	1.2802	0.24414	5	-1.23	3%	0

Test Material Code # 201742

Method Proficiency Testing Report

Issue Date : 07/31/2017

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	
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0970	26.050	0.30000	26.493	1.2802	0.24414	5	-0.35	1%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0969	26.400	0.20000	26.493	1.2802	0.24414	5	-0.07	0%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	26.650	0.10000	26.493	1.2802	0.24414	5	0.12	0%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	28.450	0.10000	26.493	1.2802	0.24414	5	1.53	4%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	27.460	0.02000				1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	28.750	0.50000				1			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	27.500	1.0000				1			0
031.01	Phosphorus, Photometric (%)	0511	0.55500	0.07000	0.57740	0.01436	0.02800	5	-1.56	2%	0
031.01	Phosphorus, Photometric (%)	2115	0.57500	0.01000	0.57740	0.01436	0.02800	5	-0.17	0%	0
031.01	Phosphorus, Photometric (%)	0208	0.57700	0.04000	0.57740	0.01436	0.02800	5	-0.03	0%	0
031.01	Phosphorus, Photometric (%)	0529	0.59000	0.00000	0.57740	0.01436	0.02800	5	0.88	1%	0
031.01	Phosphorus, Photometric (%)	0650	0.59000	0.02000	0.57740	0.01436	0.02800	5	0.88	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.58500	0.01000				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.58800	0.00200				2			0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.56000	0.00000	0.59459	0.02473	0.01823	10	-1.40	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	0.57895	0.02290	0.59459	0.02473	0.01823	10	-0.63	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.58000	0.00000	0.59459	0.02473	0.01823	10	-0.59	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.58550	0.00700	0.59459	0.02473	0.01823	10	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.59000	0.00000	0.59459	0.02473	0.01823	10	-0.19	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.59030	0.00660	0.59459	0.02473	0.01823	10	-0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.59500	0.01000	0.59459	0.02473	0.01823	10	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.61000	0.02000	0.59459	0.02473	0.01823	10	0.62	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0964	0.62445	0.04850	0.59459	0.02473	0.01823	10	1.21	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.69635	0.06730	0.59459	0.02473	0.01823	10	4.11	9%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.45500	0.01000	0.54209	0.06502	0.01528	4	-1.34	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.52985	0.00810	0.54209	0.06502	0.01528	4	-0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.58900	0.00200	0.54209	0.06502	0.01528	4	0.72	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.59450	0.04100	0.54209	0.06502	0.01528	4	0.81	5%	0
031.43	Phosphorus, ICP, Microwave (%)	2165	0.45500	0.01000	0.59124	0.05428	0.01148	8	-2.51	12%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.54500	0.01000	0.59124	0.05428	0.01148	8	-0.85	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.57500	0.01000	0.59124	0.05428	0.01148	8	-0.30	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.57630	0.00400	0.59124	0.05428	0.01148	8	-0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.62000	0.00400	0.59124	0.05428	0.01148	8	0.53	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.62020	0.01080	0.59124	0.05428	0.01148	8	0.53	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2124	0.64000	0.02000	0.59124	0.05428	0.01148	8	0.90	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.64360	0.02300	0.59124	0.05428	0.01148	8	0.96	4%	0
031.44	Phosphorus, ICP, Dry ash (%)	2114	0.53380	0.02100	0.56213	0.02431	0.01017	6	-1.17	3%	0
031.44	Phosphorus, ICP, Dry ash (%)	0970	0.54950	0.00900	0.56213	0.02431	0.01017	6	-0.52	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	0065	0.55000	0.02000	0.56213	0.02431	0.01017	6	-0.50	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	0969	0.56700	0.00200	0.56213	0.02431	0.01017	6	0.20	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.58550	0.00100	0.56213	0.02431	0.01017	6	0.96	2%	0

Test Material Code # 201742

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.44	Phosphorus, ICP, Dry ash (%)	2023	0.58700	0.00800	0.56213	0.02431	0.01017	6	1.02	2%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.56200	0.02600				1			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.60000	0.00000				1			0
032.02	Potassium, Flame Emission (%)	0504	0.68500	0.01000				1			0
032.31	Potassium, AAS, Dry ash (%)	0650	0.66900	0.00400				2			0
032.31	Potassium, AAS, Dry ash (%)	0529	0.78500	0.01000				2			0
032.41	Potassium, ICP, Dry ash (%)	0171	0.66050	0.00100	0.68965	0.02497	0.01756	11	-1.17	2%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.66400	0.02000	0.68965	0.02497	0.01756	11	-1.03	2%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.66500	0.01000	0.68965	0.02497	0.01756	11	-0.99	2%	0
032.41	Potassium, ICP, Dry ash (%)	0964	0.67660	0.00920	0.68965	0.02497	0.01756	11	-0.52	1%	0
032.41	Potassium, ICP, Dry ash (%)	0051	0.68840	0.01880	0.68965	0.02497	0.01756	11	-0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.69000	0.04000	0.68965	0.02497	0.01756	11	0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.69450	0.04500	0.68965	0.02497	0.01756	11	0.19	0%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.70000	0.02000	0.68965	0.02497	0.01756	11	0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.70000	0.02000	0.68965	0.02497	0.01756	11	0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.72000	0.00000	0.68965	0.02497	0.01756	11	1.22	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.73130	0.00920	0.68965	0.02497	0.01756	11	1.67	3%	0
032.42	Potassium, ICP, Open vessel (%)	0026	0.57000	0.02000	0.67518	0.07026	0.02350	4	-25.77	10%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.70670	0.01400	0.67518	0.07026	0.02350	4	-0.65	0%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.70750	0.03300	0.67518	0.07026	0.02350	4	-0.50	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.71650	0.02700	0.67518	0.07026	0.02350	4	1.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.62000	0.06000	0.69064	0.05612	0.02503	9	-1.26	5%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.64000	0.00000	0.69064	0.05612	0.02503	9	-0.90	4%	0
032.43	Potassium, ICP, Microwave (%)	2165	0.64000	0.04000	0.69064	0.05612	0.02503	9	-0.90	4%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.67130	0.04920	0.69064	0.05612	0.02503	9	-0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0034	0.70695	0.00710	0.69064	0.05612	0.02503	9	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.71000	0.02000	0.69064	0.05612	0.02503	9	0.35	1%	0
032.43	Potassium, ICP, Microwave (%)	2124	0.73000	0.00000	0.69064	0.05612	0.02503	9	0.70	3%	0
032.43	Potassium, ICP, Microwave (%)	2033	0.74000	0.04000	0.69064	0.05612	0.02503	9	0.88	4%	0
032.43	Potassium, ICP, Microwave (%)	0027	0.75750	0.00900	0.69064	0.05612	0.02503	9	1.19	5%	0
032.44	Potassium, ICP, Dry ash (%)	2114	0.61785	0.00130	0.68384	0.03420	0.00505	6	-1.93	5%	0
032.44	Potassium, ICP, Dry ash (%)	0970	0.67600	0.00200	0.68384	0.03420	0.00505	6	-0.23	1%	0
032.44	Potassium, ICP, Dry ash (%)	2004	0.68550	0.00700	0.68384	0.03420	0.00505	6	0.05	0%	0
032.44	Potassium, ICP, Dry ash (%)	0969	0.68850	0.00700	0.68384	0.03420	0.00505	6	0.14	0%	0
032.44	Potassium, ICP, Dry ash (%)	2023	0.69550	0.00300	0.68384	0.03420	0.00505	6	0.34	1%	0
032.44	Potassium, ICP, Dry ash (%)	0065	0.72500	0.01000	0.68384	0.03420	0.00505	6	1.20	3%	0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.71450	0.00900				1			0
032.99	Potassium, Miscellaneous (%)	0001	0.70250	0.01700				2			0
032.99	Potassium, Miscellaneous (%)	0242	0.73000	0.00000				2			0
033.00	Salt as chloride, Sol Cl (%)	0309	0.04685	0.01010				1			0
033.01	Salt as chloride, Poten Cl (%)	0242	0.03000	0.00000	0.04350	0.02295	0.00420	5	-0.59	16%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Poten Cl (%)	0650	0.03000	0.02000	0.04350	0.02295	0.00420	5	-0.59	16%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.03050	0.00100	0.04350	0.02295	0.00420	5	-0.57	15%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.07000	0.00000	0.04350	0.02295	0.00420	5	1.15	30%	0
033.01	Salt as chloride, Poten Cl (%)	2023	1.4100	0.00000	0.04350	0.02295	0.00420	5	59.54	1571%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.06000	0.06000	0.04350	0.02295	0.00420	5	0.72	19%	1
033.99	Salt, Miscellaneous (%)	2033	0.16000	0.00000				1			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.27000	0.06000				2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.62500	0.01000				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	0.28475	0.10690				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	2124	0.44500	0.19000				3			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	2165	1.3500	0.30000				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.45500	0.01000				1			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.52400	0.08000				2			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	0.80000	0.00000				2			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	2004	0.43100	0.01800				3			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0969	0.44500	0.01000				3			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0970	0.49000	0.00000				3			0
035.05	Sodium, Flame Emission (%)	0504	0.02000	0.00000				1			0
035.31	Sodium, AAS, Dry ash (%)	0650	0.02250	0.00500				2			0
035.31	Sodium, AAS, Dry ash (%)	0529	0.02850	0.00300				2			0
035.41	Sodium, ICP, Dry ash (%)	0970	0.02035	0.00010	0.02652	0.00706	0.00120	14	-0.87	12%	0
035.41	Sodium, ICP, Dry ash (%)	0964	0.02070	0.00000	0.02652	0.00706	0.00120	14	-0.82	11%	0
035.41	Sodium, ICP, Dry ash (%)	0969	0.02085	0.00090	0.02652	0.00706	0.00120	14	-0.80	11%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.02200	0.00020	0.02652	0.00706	0.00120	14	-0.64	9%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.02245	0.00030	0.02652	0.00706	0.00120	14	-0.58	8%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.02350	0.00100	0.02652	0.00706	0.00120	14	-0.43	6%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.02350	0.00100	0.02652	0.00706	0.00120	14	-0.43	6%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.02380	0.00380	0.02652	0.00706	0.00120	14	-0.39	5%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.02590	0.00140	0.02652	0.00706	0.00120	14	-0.09	1%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.02750	0.00100	0.02652	0.00706	0.00120	14	0.14	2%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.03000	0.00000	0.02652	0.00706	0.00120	14	0.49	7%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.03650	0.00100	0.02652	0.00706	0.00120	14	1.41	19%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.03745	0.00410	0.02652	0.00706	0.00120	14	1.55	21%	0
035.41	Sodium, ICP, Dry ash (%)	0065	0.05100	0.00200	0.02652	0.00706	0.00120	14	3.47	46%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.01950	0.00020				2			0
035.42	Sodium, ICP, Open vessel (%)	0504	0.03400	0.01200				2			0
035.43	Sodium, ICP, Microwave (%)	0510	0.01950	0.00100	0.02013	0.00044	0.00066	7	-1.42	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.02000	0.00000	0.02013	0.00044	0.00066	7	-0.29	0%	0
035.43	Sodium, ICP, Microwave (%)	2124	0.02000	0.00000	0.02013	0.00044	0.00066	7	-0.29	0%	0
035.43	Sodium, ICP, Microwave (%)	2165	0.02000	0.00000	0.02013	0.00044	0.00066	7	-0.29	0%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.02020	0.00200	0.02013	0.00044	0.00066	7	0.16	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.43	Sodium, ICP, Microwave (%)	0098	0.02050	0.00100	0.02013	0.00044	0.00066	7	0.84	1%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.02070	0.00060	0.02013	0.00044	0.00066	7	1.29	1%	0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.02380	0.00180				1			0
035.99	Sodium, Miscellaneous (%)	0242	0.02000	0.00000				1			0
036.04	Sulfur, LECO (%)	0098	0.20500	0.01000				1			0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.18865	0.00170	0.20493	0.01092	0.00160	4	-14.41	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.20905	0.00470	0.20493	0.01092	0.00160	4	-0.86	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.21000	0.00000	0.20493	0.01092	0.00160	4	-0.23	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.21200	0.00000	0.20493	0.01092	0.00160	4	1.10	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.19500	0.01000	0.20695	0.01257	0.00694	5	-0.95	3%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.19500	0.01000	0.20695	0.01257	0.00694	5	-0.95	3%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.20850	0.00360	0.20695	0.01257	0.00694	5	0.12	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.21125	0.00110	0.20695	0.01257	0.00694	5	0.34	1%	0
036.43	Sulfur, ICP, Microwave (%)	2033	0.22500	0.01000	0.20695	0.01257	0.00694	5	1.44	4%	0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.21800	0.00200				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.20500	0.01000				1			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	37.530	3.2600				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	45.700	0.80000				2			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	42.180	0.98000				1			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	36.135	3.6100				1			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	38.560	1.5600	45.794	5.9106	2.6527	11	-1.22	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	42.000	2.0000	45.794	5.9106	2.6527	11	-0.64	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0051	42.300	0.10000	45.794	5.9106	2.6527	11	-0.59	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0964	42.383	0.41200	45.794	5.9106	2.6527	11	-0.58	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	43.000	0.70000	45.794	5.9106	2.6527	11	-0.47	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	44.790	1.6800	45.794	5.9106	2.6527	11	-0.17	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	45.350	0.70000	45.794	5.9106	2.6527	11	-0.08	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	46.429	2.0272	45.794	5.9106	2.6527	11	0.11	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	49.600	2.0000	45.794	5.9106	2.6527	11	0.64	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	59.500	7.0000	45.794	5.9106	2.6527	11	2.32	15%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	63.500	11.000	45.794	5.9106	2.6527	11	3.00	19%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	24.000	0.00000				3			0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	35.250	0.46000				3			0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	69.150	0.10000				3			0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	37.500	1.0000	43.309	4.8415	0.93229	7	-1.20	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2165	39.000	0.00000	43.309	4.8415	0.93229	7	-0.89	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	43.120	2.8200	43.309	4.8415	0.93229	7	-0.04	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	43.440	1.4000	43.309	4.8415	0.93229	7	0.03	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	44.650	0.70000	43.309	4.8415	0.93229	7	0.28	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2124	44.880	0.60000	43.309	4.8415	0.93229	7	0.32	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	52.997	0.00600	43.309	4.8415	0.93229	7	2.00	11%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	40.683	6.7228	43.309	4.8415	0.93229	7	-0.54	3%	1
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2114	38.630	0.13550	40.207	1.1790	0.28388	4	-1.34	2%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0970	40.000	0.20000	40.207	1.1790	0.28388	4	-0.18	0%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	40.950	0.30000	40.207	1.1790	0.28388	4	0.63	1%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0969	41.250	0.50000	40.207	1.1790	0.28388	4	0.88	1%	0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	43.060	1.6000				1			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	46.500	1.8000				1			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	43.000	2.0000				1			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	0.35000	0.10000				1			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	0.40000	0.00000				1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	0.39650	0.01100				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	0.42500	0.01000				2			0
042.00	Chloride, Titrimetric (%)	0969	0.01750	0.00300				2			0
042.00	Chloride, Titrimetric (%)	2004	0.18650	0.30700				2			0
042.99	Chloride, Miscellaneous (%)	0970	0.02850	0.00300				1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	462.00	58.000				2			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0969	886.50	9.0000				2			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	25.850	2.3000				3			0
102.01	Niacin, Microbiological (mg / kg (ppm))	2004	30.000	2.0000				3			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0969	34.150	1.3000				3			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	2004	7.0000	0.60000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	1.9000	0.18000				1			0
104.02	Riboflavin, Microbiological, Turbidity (mg / kg (ppm))	2004	2.9000	0.20000				2			0
104.02	Riboflavin, Microbiological, Turbidity (mg / kg (ppm))	0969	3.1000	0.20000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	2023	2.1500	0.10000				1			0
105.00	Thiamine, LC (mg / kg (ppm))	2023	4.5500	0.10000				1			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	6.7750	0.73000				1			0
105.99	Thiamine, Miscellaneous (mg / kg (ppm))	0969	4.7000	0.20000				2			0
105.99	Thiamine, Miscellaneous (mg / kg (ppm))	2004	4.7500	0.10000				2			0
106.02	Vitamin A, LC (KU / kg)	0676	0.06300	0.00200				2			0
106.02	Vitamin A, LC (KU / kg)	2023	0.41550	0.00700				2			0
106.02	Vitamin A, LC (KU / kg)	0969	0.00000	0.00000				2			4
106.02	Vitamin A, LC (KU / kg)	0970	0.00000	0.00000				2			4
106.02	Vitamin A, LC (KU / kg)	2004	0.00000	0.00000				2			4
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0969	1.8000	0.00000				1			0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	2004	0.00000	0.00000				1			4
108.01	Vitamin D3, LC, AOAC (KU / kg)	0676	34.505	0.11000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	2023	0.00000	0.00000				1			4
108.99	Vitamin D3, Miscellaneous (KU / kg)	0969	0.00000	0.00000				0			4
108.99	Vitamin D3, Miscellaneous (KU / kg)	0970	0.00000	0.00000				0			4
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	0.00000	0.00000				0			4

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
108.99	Vitamin D3, Miscellaneous (KU / kg)	2165	0.00000	0.00000				0			4
109.02	Vitamin E, LC (IU/kg)	0227	2.8350	0.19000				3			0
109.02	Vitamin E, LC (IU/kg)	0676	4.6000	0.80000				3			0
109.02	Vitamin E, LC (IU/kg)	2023	33.000	8.0000				3			0
109.02	Vitamin E, LC (IU/kg)	0969	0.00000	0.00000				3			4
109.02	Vitamin E, LC (IU/kg)	0970	0.00000	0.00000				3			4
109.02	Vitamin E, LC (IU/kg)	2004	0.00000	0.00000				3			4
112.00	Pyridoxine, Vitamin B6 (µg / g)	0969	4.4500	0.06000				2			0
112.00	Pyridoxine, Vitamin B6 (µg / g)	2004	4,870.0	140.00				2			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0969	0.30550	0.00700				2			0
114.01	Biotin, Microbiological (mg / kg (ppm))	2004	0.30850	0.01500				2			0
115.01	Non Protein N (NPN), Automated (%)	2023	0.43000	0.04000				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.91000	0.02000	0.98225	0.06359	0.01115	4	-1.14	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.97500	0.01000	0.98225	0.06359	0.01115	4	-0.11	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.97900	0.00460	0.98225	0.06359	0.01115	4	-0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	1.0650	0.01000	0.98225	0.06359	0.01115	4	1.30	4%	0
120.01	Alanine, Pre-col OPA Der (%)	0969	0.97050	0.01900				2			0
120.01	Alanine, Pre-col OPA Der (%)	2004	0.97300	0.02400				2			0
120.02	Alanine, Post-col OPA Der (%)	2023	0.94000	0.00000				1			0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.93650	0.00300				1			0
120.99	Alanine, Miscellaneous (%)	2115	0.94950	0.00900				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.9127	0.09260	1.9894	0.09609	0.03065	4	-1.03	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.9550	0.01000	1.9894	0.09609	0.03065	4	-0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.9600	0.02000	1.9894	0.09609	0.03065	4	-0.55	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	2.1300	0.00000	1.9894	0.09609	0.03065	4	1.15	3%	0
121.01	Arginine, Pre-col OPA Der (%)	0969	1.9950	0.01000				2			0
121.01	Arginine, Pre-col OPA Der (%)	2004	2.1300	0.04000				2			0
121.02	Arginine, Post-col OPA Der (%)	2023	2.1650	0.05000				1			0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.9640	0.03800				1			0
121.99	Arginine, Miscellaneous (%)	2115	2.0900	0.00400				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.9250	0.01000	2.0488	0.12230	0.02460	4	-1.01	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	2.0050	0.03000	2.0488	0.12230	0.02460	4	-0.36	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.0503	0.04840	2.0488	0.12230	0.02460	4	0.01	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	2.2150	0.01000	2.0488	0.12230	0.02460	4	1.36	4%	0
122.01	Aspartic, Pre-col OPA Der (%)	2004	1.9600	0.02000				2			0
122.01	Aspartic, Pre-col OPA Der (%)	0969	1.9800	0.02000				2			0
122.02	Aspartic, Post-col OPA Der (%)	2023	1.9100	0.02000				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.9735	0.00300				1			0
122.99	Aspartic, Miscellaneous (%)	2115	1.9675	0.02500				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0870	0.29350	0.00360	0.34088	0.04167	0.00590	4	-1.14	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0227	0.33500	0.01000	0.34088	0.04167	0.00590	4	-0.14	1%	0

Test Material Code # 201742

Method Proficiency Testing Report

Issue Date : 07/31/2017

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	
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.34000	0.00000	0.34088	0.04167	0.00590	4	-0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0171	0.39500	0.01000	0.34088	0.04167	0.00590	4	1.30	8%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	2004	0.33350	0.01300				2			0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0969	0.35950	0.02700				2			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.38000	0.02000				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.35200	0.01200				1			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2115	0.32850	0.00300				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.5750	0.03000	4.0507	0.36358	0.05200	4	-1.31	6%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.9850	0.07000	4.0507	0.36358	0.05200	4	-0.18	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	4.2227	0.10800	4.0507	0.36358	0.05200	4	0.47	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	4.4200	0.00000	4.0507	0.36358	0.05200	4	1.02	5%	0
125.01	Glutamic, Pre-col OPA Der (%)	2004	3.8450	0.05000				2			0
125.01	Glutamic, Pre-col OPA Der (%)	0969	4.0200	0.04000				2			0
125.02	Glutamic, Post-col OPA Der (%)	2023	3.8900	0.06000				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.9105	0.02100				1			0
125.99	Glutamic, Miscellaneous (%)	2115	3.9190	0.05000				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	1.2600	0.02000	1.3069	0.03891	0.01278	4	-1.20	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	1.3025	0.00110	1.3069	0.03891	0.01278	4	-0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.3100	0.02000	1.3069	0.03891	0.01278	4	0.08	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	1.3550	0.01000	1.3069	0.03891	0.01278	4	1.24	2%	0
126.01	Glycine, Pre-col OPA Der (%)	0969	1.1500	0.06000				2			0
126.01	Glycine, Pre-col OPA Der (%)	2004	1.2800	0.00000				2			0
126.02	Glycine, Post-col OPA Der (%)	2023	1.2700	0.00000				1			0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.3070	0.03400				1			0
126.99	Glycine, Miscellaneous (%)	2115	1.2670	0.01200				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.42260	0.01320	0.43565	0.01121	0.00830	4	-1.16	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.43000	0.00000	0.43565	0.01121	0.00830	4	-0.50	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.44500	0.01000	0.43565	0.01121	0.00830	4	0.83	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.44500	0.01000	0.43565	0.01121	0.00830	4	0.83	1%	0
127.01	Histidine, Pre-col OPA Der (%)	0969	0.38000	0.02000				2			0
127.01	Histidine, Pre-col OPA Der (%)	2004	0.43500	0.00200				2			0
127.02	Histidine, Post-col OPA Der (%)	2023	0.47000	0.00000				1			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.41300	0.02000				1			0
127.99	Histidine, Miscellaneous (%)	2115	0.45650	0.00700				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.83515	0.00270	0.88879	0.04709	0.00568	4	-1.14	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.87000	0.00000	0.88879	0.04709	0.00568	4	-0.40	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.90500	0.01000	0.88879	0.04709	0.00568	4	0.34	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.94500	0.01000	0.88879	0.04709	0.00568	4	1.19	3%	0
128.01	Isoleucine, Pre-col OPA Der (%)	2004	0.90000	0.02800				2			0
128.01	Isoleucine, Pre-col OPA Der (%)	0969	0.91100	0.01600				2			0
128.02	Isoleucine, Post-col OPA Der (%)	2023	0.93500	0.01000				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.83000	0.00400				1			0
128.99	Isoleucine, Miscellaneous (%)	2115	0.86500	0.01600				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.1753	0.01950	1.2276	0.04830	0.01238	4	-1.08	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.2100	0.02000	1.2276	0.04830	0.01238	4	-0.36	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.2350	0.01000	1.2276	0.04830	0.01238	4	0.15	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.2900	0.00000	1.2276	0.04830	0.01238	4	1.29	3%	0
129.01	Leucine, Pre-col OPA Der (%)	0969	1.2200	0.00000				2			0
129.01	Leucine, Pre-col OPA Der (%)	2004	1.2400	0.02000				2			0
129.02	Leucine, Post-col OPA Der (%)	2023	1.2350	0.01000				1			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.1985	0.00500				1			0
129.99	Leucine, Miscellaneous (%)	2115	1.2175	0.01700				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.81950	0.00820	0.85863	0.03219	0.01955	4	-1.22	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.84500	0.05000	0.85863	0.03219	0.01955	4	-0.42	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.88500	0.01000	0.85863	0.03219	0.01955	4	0.82	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.88500	0.01000	0.85863	0.03219	0.01955	4	0.82	2%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0969	0.69400	0.05200				2			0
130.01	L-Lysine, Pre-col OPA Der (%)	2004	0.81850	0.01500				2			0
130.02	L-Lysine, Post-col OPA Der (%)	2023	0.78000	0.00000				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.84900	0.02400				2			0
130.05	L-Lysine, Pre-col AQC Der (%)	0027	0.96850	0.15900				2			0
130.99	L-Lysine, Miscellaneous (%)	2115	0.82500	0.01000				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.39500	0.01000	0.39731	0.00269	0.01128	4	-0.86	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.39500	0.01000	0.39731	0.00269	0.01128	4	-0.86	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.39925	0.00510	0.39731	0.00269	0.01128	4	0.72	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.40000	0.02000	0.39731	0.00269	0.01128	4	1.00	0%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	2004	0.38200	0.00400				2			0
131.01	Methionine, PAO Pre-col OPA Der (%)	0969	0.39100	0.00600				2			0
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.37000	0.00000				2			0
131.02	Methionine, PAO Post-col OPA Der (%)	0676	0.41050	0.00900				2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0027	0.39600	0.05400				1			0
131.99	Methionine, Miscellaneous (%)	2115	0.38300	0.00200				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.96435	0.02890				3			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.99000	0.00000				3			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	1.0900	0.00000				3			0
132.01	Phenylalanine, Pre-col OPA Der (%)	0969	0.99200	0.01000				2			0
132.01	Phenylalanine, Pre-col OPA Der (%)	2004	1.0050	0.01000				2			0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	0.98500	0.01000				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.94750	0.00900				1			0
132.99	Phenylalanine, Miscellaneous (%)	2115	1.1215	0.01500				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.70280	0.02140	0.77820	0.06284	0.01535	4	-1.20	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	0.75000	0.00000	0.77820	0.06284	0.01535	4	-0.45	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
133.00	Proline, Post-col Ninhydrin Der (%)	0171	0.83000	0.00000	0.77820	0.06284	0.01535	4	0.82	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.83000	0.04000	0.77820	0.06284	0.01535	4	0.82	3%	0
133.04	Proline, Pre-col FMOC Der (%)	2004	0.76600	0.00600				1			0
133.05	Proline, Pre-col AQC Der (%)	0676	0.76350	0.00100				1			0
133.99	Proline, Miscellaneous (%)	2115	0.70800	0.00400				3			0
133.99	Proline, Miscellaneous (%)	2023	0.72000	0.00000				3			0
133.99	Proline, Miscellaneous (%)	0969	0.77350	0.09100				3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.86000	0.00000	0.99649	0.10749	0.03228	4	-1.27	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.97000	0.06000	0.99649	0.10749	0.03228	4	-0.25	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.0460	0.06910	0.99649	0.10749	0.03228	4	0.46	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	1.1100	0.00000	0.99649	0.10749	0.03228	4	1.06	6%	0
134.01	Serine, Pre-col OPA Der (%)	2004	0.99250	0.00900				2			0
134.01	Serine, Pre-col OPA Der (%)	0969	1.0015	0.01700				2			0
134.02	Serine, Post-col OPA Der (%)	2023	0.50000	0.00000				1			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.98850	0.01500				1			0
134.99	Serine, Miscellaneous (%)	2115	0.98200	0.01200				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.79000	0.04000	0.81788	0.04173	0.01035	4	-10.14	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.80000	0.00000	0.81788	0.04173	0.01035	4	-0.71	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.80150	0.00140	0.81788	0.04173	0.01035	4	0.71	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.88000	0.00000	0.81788	0.04173	0.01035	4	74.72	5%	0
135.01	Threonine, Pre-col OPA Der (%)	2004	0.79850	0.01100				2			0
135.01	Threonine, Pre-col OPA Der (%)	0969	0.79950	0.01100				2			0
135.02	Threonine, Post-col OPA Der (%)	2023	0.60000	0.00000				1			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.79750	0.00700				2			0
135.05	Threonine, Pre-col AQC Der (%)	0027	0.91250	0.04500				2			0
135.99	Threonine, Miscellaneous (%)	2115	0.77800	0.01200				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.28470	0.00800				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.42000	0.00000				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	2023	0.29500	0.01000				1			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.19000	0.02000	0.33188	0.09459	0.01375	4	-107.73	25%	0
136.99	Tryptophan, Miscellaneous (%)	0969	0.37750	0.03100	0.33188	0.09459	0.01375	4	-0.95	0%	0
136.99	Tryptophan, Miscellaneous (%)	0970	0.37900	0.00000	0.33188	0.09459	0.01375	4	-0.09	0%	0
136.99	Tryptophan, Miscellaneous (%)	2004	0.38100	0.00400	0.33188	0.09459	0.01375	4	1.04	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.40920	0.00460	0.49105	0.06595	0.01865	4	-1.24	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.48500	0.05000	0.49105	0.06595	0.01865	4	-0.09	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.50000	0.02000	0.49105	0.06595	0.01865	4	0.14	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.57000	0.00000	0.49105	0.06595	0.01865	4	1.20	8%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0969	0.57050	0.00500				2			0
137.01	Tyrosine, Pre-col OPA Der (%)	2004	0.57550	0.01100				2			0
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.45500	0.01000				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.53250	0.00900				1			0

Test Material Code # 201742

Method Proficiency Testing Report

Issue Date : 07/31/2017

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			
137.99	Tyrosine, Miscellaneous (%)	2115	0.49000	0.00200				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	1.0300	0.00000	1.0717	0.04004	0.02445	4	-1.06	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	1.0569	0.01780	1.0717	0.04004	0.02445	4	0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.0750	0.01000	1.0717	0.04004	0.02445	4	0.93	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.1250	0.07000	1.0717	0.04004	0.02445	4	3.14	3%	0
138.01	Valine, Pre-col OPA Der (%)	2004	1.0020	0.01600				2			0
138.01	Valine, Pre-col OPA Der (%)	0969	1.0350	0.01000				2			0
138.02	Valine, Post-col OPA Der (%)	2023	1.0600	0.02000				1			0
138.05	Valine, Pre-col AQC Der (%)	0676	1.0585	0.00100				1			0
138.99	Valine, Miscellaneous (%)	2115	0.97650	0.01700				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0969	0.00000	0.00000				0			4
139.00	Taurine, Post-col Ninhydrin Der (%)	0970	0.00000	0.00000				0			4
139.01	Taurine, Pre-col OPA Der (%)	2004	0.01115	0.00030				1			0
139.99	Taurine, Miscellaneous (%)	2115	0.09500	0.00200				1			0
160.99	Fructose, Miscellaneous (%)	2004	0.04635	0.01370				1			0
160.99	Fructose, Miscellaneous (%)	0969	0.00000	0.00000				1			4
160.99	Fructose, Miscellaneous (%)	0970	0.00000	0.00000				1			4
160.99	Fructose, Miscellaneous (%)	2165	0.00000	0.00000				1			4
161.99	Galactose, Miscellaneous (%)	2004	0.03430	0.01580				1			0
161.99	Galactose, Miscellaneous (%)	0969	0.00000	0.00000				1			4
161.99	Galactose, Miscellaneous (%)	0970	0.00000	0.00000				1			4
162.99	Glucose, Miscellaneous (%)	2004	0.22100	0.06600				1			0
162.99	Glucose, Miscellaneous (%)	0969	0.00000	0.00000				1			4
162.99	Glucose, Miscellaneous (%)	0970	0.00000	0.00000				1			4
162.99	Glucose, Miscellaneous (%)	2165	0.00000	0.00000				1			4
163.99	Lactose, Miscellaneous (%)	0969	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0970	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	2004	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	2165	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	2004	0.00730	0.00160				1			0
164.99	Maltose, Miscellaneous (%)	0969	0.00000	0.00000				1			4
164.99	Maltose, Miscellaneous (%)	0970	0.00000	0.00000				1			4
164.99	Maltose, Miscellaneous (%)	2165	0.00000	0.00000				1			4
165.99	Sucrose, Miscellaneous (%)	2004	0.99650	0.04700	1.3983	0.29126	0.04340	5	-1.38	14%	0
165.99	Sucrose, Miscellaneous (%)	0227	1.2450	0.07000	1.3983	0.29126	0.04340	5	-0.53	5%	0
165.99	Sucrose, Miscellaneous (%)	2165	1.4000	0.00000	1.3983	0.29126	0.04340	5	0.01	0%	0
165.99	Sucrose, Miscellaneous (%)	0970	1.6500	0.10000	1.3983	0.29126	0.04340	5	0.86	9%	0
165.99	Sucrose, Miscellaneous (%)	0969	1.7000	0.00000	1.3983	0.29126	0.04340	5	1.04	11%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2167	0.50550	0.00100				3			0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.54465	0.00170				3			0
400.01	Water activity, Aqualab chilled mirror (Units)	2165	0.57300	0.00200				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.00400	0.00000				1		0	
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	2124	0.00000	0.00000				0		4	
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.52000	0.00000				1		0	
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	2124	0.27000	0.02000				1		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0164	0.43350	0.04500				3		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.43350	0.04500				3		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.57150	0.03500				3		0	
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	0.27500	0.09000				1		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	0.12500	0.01000				1		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	1.0500	0.30000				1		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0164	0.03700	0.00000				3		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.03700	0.00000				3		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.05515	0.01030				3		0	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	0.85000	0.10000				1		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	0.92800	0.00200				2		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	0.98000	0.04000				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.00000	0.00000				0		4	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	2124	0.00000	0.00000				0		4	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	2124	0.01000	0.00000				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0171	1.9250	0.11000				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	2124	2.0750	0.01000				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.01800	0.00000				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	2124	0.02000	0.00000				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0171	0.02500	0.01000				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0171	1.2000	0.02000				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	2124	1.3350	0.03000				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0171	6.9550	0.29000				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	2124	7.4350	0.03000				2		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0171	6.3100	0.18000				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	2124	6.8000	0.00000				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	7.5635	0.05300				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous	2114	16.173	1.3346				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous	0171	20.990	0.46000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous	0676	29.864	0.40800				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous	2124	0.00000	0.00000				3		4	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0171	0.07500	0.03000				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0171	0.06000	0.00000				2		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	2124	23.645	0.37000				2		0	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous	0676	0.00000	0.00000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous	2124	0.00000	0.00000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)	0676	0.01400	0.00200				1		0	

Test Material Code # 201742

Method Proficiency Testing Report

Issue Date : 07/31/2017

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			
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20c)	2124	0.00000	0.00000				1			4
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0171	0.05500	0.01000				1			0
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c	0676	0.00000	0.00000				0			4
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c	2124	0.00000	0.00000				0			4
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0171	0.06000	0.00000				1			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c)	0676	0.00000	0.00000				0			4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c)	2124	0.00000	0.00000				0			4
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, (w/w)	2114	16.173	1.3346	22.455	4.9923	0.51892	5	-1.26	14%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, (w/w)	0171	21.015	0.45000	22.455	4.9923	0.51892	5	-0.29	3%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, (w/w)	2136	21.475	0.03000	22.455	4.9923	0.51892	5	-0.20	2%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, (w/w)	2124	23.695	0.37000	22.455	4.9923	0.51892	5	0.25	3%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, (w/w)	0676	29.915	0.41000	22.455	4.9923	0.51892	5	1.49	17%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, (w/w)	2114	4.7332	0.38190	6.3833	1.2181	0.16048	4	-1.35	13%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, (w/w)	0171	6.3100	0.18000	6.3833	1.2181	0.16048	4	-0.06	1%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, (w/w)	2124	6.9000	0.02000	6.3833	1.2181	0.16048	4	0.42	4%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, (w/w)	0676	7.5900	0.06000	6.3833	1.2181	0.16048	4	0.99	9%	0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	2114	2.2769	0.00400				3			0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	2136	3.2350	0.03000				3			0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0171	3.3750	0.15000				3			0
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	2114	4.8403	0.40500				3			0
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	2136	6.8800	0.02000				3			0
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0171	7.0450	0.29000				3			0
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	2114	20.906	1.7164				3			0
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0171	27.325	0.63000				3			0
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	2136	27.735	0.05000				3			0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	2124	41.470	0.38000				1			0

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