



AAFCO
Proficiency Testing Program



Oat Flour

Pet Food Scheme

Labs Reporting: 55

Test Material Code # 201644

Method Proficiency Testing Report

Issue Date : 01/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.0800	0.30000	9.2481	0.14877	0.19825	4	-1.13	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	9.2250	0.41000	9.2481	0.14877	0.19825	4	-0.16	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.2455	0.05500	9.2481	0.14877	0.19825	4	-0.02	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.4420	0.02800	9.2481	0.14877	0.19825	4	1.30	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	9.6427	0.02340				2			0
001.03	Loss on Drying, Low temp. methods (%)	2124	9.7400	0.08000				2			0
001.05	Loss on Drying, LECO (%)	2153	9.1200	0.02000				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.2750	0.09000	9.4629	0.16311	0.04866	8	-1.15	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2033	9.3450	0.01000	9.4629	0.16311	0.04866	8	-0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	9.3657	0.05930	9.4629	0.16311	0.04866	8	-0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.3950	0.01000	9.4629	0.16311	0.04866	8	-0.42	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.4950	0.11000	9.4629	0.16311	0.04866	8	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.5300	0.06000	9.4629	0.16311	0.04866	8	0.41	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	9.5900	0.02000	9.4629	0.16311	0.04866	8	0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2115	9.7150	0.03000	9.4629	0.16311	0.04866	8	1.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	8.0250	1.0100	9.4629	0.16311	0.04866	8	-8.82	8%	1
001.99	Loss on Drying, Miscellaneous (%)	0510	9.5500	0.10000				1			0
002.01	Protein, Auto Kjel-Foss (%)	0870	12.655	0.09000				2			0
002.01	Protein, Auto Kjel-Foss (%)	0164	13.005	0.11000				2			0
002.04	Protein, Copper Catalyst (%)	2122	12.750	0.00000				2			0
002.04	Protein, Copper Catalyst (%)	0504	12.985	0.25000				2			0
002.05	Protein, Copper, Boric Acid (%)	0015	12.870	0.08000	13.092	0.25111	0.27010	4	-1.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	2062	12.989	0.14040	13.092	0.25111	0.27010	4	0.16	0%	0
002.05	Protein, Copper, Boric Acid (%)	2115	13.060	0.02000	13.092	0.25111	0.27010	4	0.91	0%	0
002.05	Protein, Copper, Boric Acid (%)	0943	13.450	0.84000	13.092	0.25111	0.27010	4	4.97	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	11.337	0.45600	12.985	0.31560	0.15965	37	-5.22	6%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	12.050	0.13500	12.985	0.31560	0.15965	37	-2.96	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	12.110	0.06000	12.985	0.31560	0.15965	37	-2.77	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	12.150	0.10000	12.985	0.31560	0.15965	37	-2.65	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	12.595	0.27000	12.985	0.31560	0.15965	37	-1.24	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2124	12.715	0.04100	12.985	0.31560	0.15965	37	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2058	12.745	0.03000	12.985	0.31560	0.15965	37	-0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0051	12.750	0.10000	12.985	0.31560	0.15965	37	-0.74	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 (%)	0808	12.755	0.07000	12.985	0.31560	0.15965	37	-0.73	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	12.760	0.34000	12.985	0.31560	0.15965	37	-0.71	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	12.770	0.02000	12.985	0.31560	0.15965	37	-0.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	12.773	0.03600	12.985	0.31560	0.15965	37	-0.67	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	12.852	0.27000	12.985	0.31560	0.15965	37	-0.42	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	12.925	0.03000	12.985	0.31560	0.15965	37	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	12.945	0.15690	12.985	0.31560	0.15965	37	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	12.950	0.10000	12.985	0.31560	0.15965	37	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	12.968	0.50500	12.985	0.31560	0.15965	37	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	12.990	0.22000	12.985	0.31560	0.15965	37	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	13.035	0.03000	12.985	0.31560	0.15965	37	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	13.050	0.00000	12.985	0.31560	0.15965	37	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	13.050	0.10000	12.985	0.31560	0.15965	37	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	13.059	0.27800	12.985	0.31560	0.15965	37	0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	13.065	0.37000	12.985	0.31560	0.15965	37	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	13.070	0.10000	12.985	0.31560	0.15965	37	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2050	13.075	0.05000	12.985	0.31560	0.15965	37	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	13.110	0.24000	12.985	0.31560	0.15965	37	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	13.120	0.04000	12.985	0.31560	0.15965	37	0.43	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	13.160	0.16000	12.985	0.31560	0.15965	37	0.56	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	13.225	0.05300	12.985	0.31560	0.15965	37	0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	13.250	0.10000	12.985	0.31560	0.15965	37	0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	13.275	0.05000	12.985	0.31560	0.15965	37	0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	13.300	1.0000	12.985	0.31560	0.15965	37	1.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	13.330	0.02000	12.985	0.31560	0.15965	37	1.09	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	13.385	0.09000	12.985	0.31560	0.15965	37	1.27	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2033	13.425	0.17000	12.985	0.31560	0.15965	37	1.39	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2153	13.482	0.03600	12.985	0.31560	0.15965	37	1.58	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	13.610	0.08000	12.985	0.31560	0.15965	37	1.98	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2016	13.775	1.5100	12.985	0.31560	0.15965	37	2.50	3%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	19.295	0.17000	12.985	0.31560	0.15965	37	19.99	24%	2
002.08	Protein, Cu/Ti (%)	0098	12.810	0.14000				1			0
002.10	Protein, Block dig/distillation (%)	2058	12.730	0.18000				1			0
002.99	Protein, Miscellaneous (%)	2136	12.660	0.08000	12.940	0.24235	0.17000	4	-1.16	1%	0
002.99	Protein, Miscellaneous (%)	0970	12.900	0.20000	12.940	0.24235	0.17000	4	-0.17	0%	0
002.99	Protein, Miscellaneous (%)	2004	12.950	0.10000	12.940	0.24235	0.17000	4	0.04	0%	0
002.99	Protein, Miscellaneous (%)	0969	13.250	0.30000	12.940	0.24235	0.17000	4	1.28	1%	0
003.00	Fat, Eth Ext., Direct (%)	2062	5.3527	0.00960	5.7757	0.48455	0.07203	6	-0.87	4%	0
003.00	Fat, Eth Ext., Direct (%)	2115	5.4250	0.01000	5.7757	0.48455	0.07203	6	-0.72	3%	0
003.00	Fat, Eth Ext., Direct (%)	0309	5.6691	0.04610	5.7757	0.48455	0.07203	6	-0.22	1%	0
003.00	Fat, Eth Ext., Direct (%)	0026	5.6800	0.04000	5.7757	0.48455	0.07203	6	-0.20	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.00	Fat, Eth Ext., Direct (%)	0035	6.0250	0.15000	5.7757	0.48455	0.07203	6	0.51	2%	0
003.00	Fat, Eth Ext., Direct (%)	2153	6.6629	0.17650	5.7757	0.48455	0.07203	6	1.83	8%	0
003.06	Fat, Pet Ether (%)	2033	4.6700	0.10000				3			0
003.06	Fat, Pet Ether (%)	0164	5.6600	0.00000				3			0
003.06	Fat, Pet Ether (%)	0511	5.8600	0.36000				3			0
003.09	Fat, Soxtec, Eth Ext (%)	0510	5.3500	0.10000	5.6410	0.19795	0.13772	5	-1.47	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	5.6000	0.20000	5.6410	0.19795	0.13772	5	-0.21	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	5.6035	0.01900	5.6410	0.19795	0.13772	5	-0.19	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	5.8076	0.02960	5.6410	0.19795	0.13772	5	0.84	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0964	5.8440	0.34000	5.6410	0.19795	0.13772	5	1.03	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0051	5.2000	0.20000	5.6905	0.50106	0.27840	4	-0.84	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	5.3900	0.02000	5.6905	0.50106	0.27840	4	-0.27	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	5.8518	0.07360	5.6905	0.50106	0.27840	4	1.11	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2124	6.3200	0.82000	5.6905	0.50106	0.27840	4	2.50	8%	0
003.12	Fat, Hexane Ext (%)	0171	5.6200	0.14000				1			0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	5.5600	0.48000				2			0
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	6.3600	0.36000				2			0
003.14	Fat, Ankom (%)	0613	4.7150	0.35000	5.5216	0.36492	0.26222	6	-2.21	7%	0
003.14	Fat, Ankom (%)	0202	5.4300	0.00000	5.5216	0.36492	0.26222	6	-0.25	1%	0
003.14	Fat, Ankom (%)	0034	5.5400	0.34000	5.5216	0.36492	0.26222	6	0.05	0%	0
003.14	Fat, Ankom (%)	0876	5.5950	0.57000	5.5216	0.36492	0.26222	6	0.20	1%	0
003.14	Fat, Ankom (%)	0407	5.6303	0.29330	5.5216	0.36492	0.26222	6	0.30	1%	0
003.14	Fat, Ankom (%)	0015	5.9600	0.02000	5.5216	0.36492	0.26222	6	1.20	4%	0
003.99	Fat, Miscellaneous (%)	1019	2.6700	0.22000	5.1838	2.7146	0.17750	4	-0.93	24%	0
003.99	Fat, Miscellaneous (%)	0880	3.1000	0.20000	5.1838	2.7146	0.17750	4	-0.77	20%	0
003.99	Fat, Miscellaneous (%)	2122	6.8200	0.00000	5.1838	2.7146	0.17750	4	0.60	16%	0
003.99	Fat, Miscellaneous (%)	2136	8.1450	0.29000	5.1838	2.7146	0.17750	4	1.09	29%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	0.48200	0.03600	1.2228	0.28321	0.05284	9	-2.62	30%	0
004.00	Fiber, Crude, Asbestos Free (%)	0969	0.84000	0.02000	1.2228	0.28321	0.05284	9	-1.35	16%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	1.1450	0.01000	1.2228	0.28321	0.05284	9	-0.27	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	1.2500	0.10000	1.2228	0.28321	0.05284	9	0.10	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	1.3350	0.05000	1.2228	0.28321	0.05284	9	0.40	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	1.3500	0.10000	1.2228	0.28321	0.05284	9	0.45	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	1.3876	0.05960	1.2228	0.28321	0.05284	9	0.58	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0943	1.3950	0.03000	1.2228	0.28321	0.05284	9	0.61	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	2023	1.5050	0.07000	1.2228	0.28321	0.05284	9	1.00	12%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	1.2050	0.37000	1.2228	0.28321	0.05284	9	-0.06	1%	1
004.03	Fiber, Fritted Glass (%)	2089	1.2100	0.26000				2			0
004.03	Fiber, Fritted Glass (%)	2033	1.3500	0.10000				2			0
004.06	Fiber, Fibertec (%)	2062	1.2480	0.20730	1.4429	0.15100	0.14926	5	-1.29	7%	0
004.06	Fiber, Fibertec (%)	0964	1.3800	0.30000	1.4429	0.15100	0.14926	5	-0.42	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0098	1.4200	0.16000	1.4429	0.15100	0.14926	5	-0.15	1%	0
004.06	Fiber, Fibertec (%)	2115	1.5150	0.03000	1.4429	0.15100	0.14926	5	0.48	2%	0
004.06	Fiber, Fibertec (%)	0027	1.6515	0.04900	1.4429	0.15100	0.14926	5	1.38	7%	0
004.07	Fiber, ANKOM (%)	0003	0.84500	0.17000	1.3711	0.38592	0.11413	13	-1.36	19%	0
004.07	Fiber, ANKOM (%)	0035	0.84500	0.11000	1.3711	0.38592	0.11413	13	-1.36	19%	0
004.07	Fiber, ANKOM (%)	2124	1.0900	0.18000	1.3711	0.38592	0.11413	13	-0.73	10%	0
004.07	Fiber, ANKOM (%)	0015	1.1750	0.01000	1.3711	0.38592	0.11413	13	-0.51	7%	0
004.07	Fiber, ANKOM (%)	0026	1.2500	0.10000	1.3711	0.38592	0.11413	13	-0.31	4%	0
004.07	Fiber, ANKOM (%)	0510	1.3000	0.20000	1.3711	0.38592	0.11413	13	-0.18	3%	0
004.07	Fiber, ANKOM (%)	0613	1.4100	0.28000	1.3711	0.38592	0.11413	13	0.10	1%	0
004.07	Fiber, ANKOM (%)	0034	1.4400	0.14000	1.3711	0.38592	0.11413	13	0.18	3%	0
004.07	Fiber, ANKOM (%)	0098	1.4800	0.02000	1.3711	0.38592	0.11413	13	0.28	4%	0
004.07	Fiber, ANKOM (%)	2115	1.4850	0.01000	1.3711	0.38592	0.11413	13	0.30	4%	0
004.07	Fiber, ANKOM (%)	0870	1.7400	0.05010	1.3711	0.38592	0.11413	13	0.96	13%	0
004.07	Fiber, ANKOM (%)	0407	1.8147	0.01360	1.3711	0.38592	0.11413	13	1.15	16%	0
004.07	Fiber, ANKOM (%)	0876	2.4000	0.20000	1.3711	0.38592	0.11413	13	2.67	38%	0
004.07	Fiber, ANKOM (%)	0074	1.4100	0.60000	1.3711	0.38592	0.11413	13	0.10	1%	1
005.00	Ash, 2h @ 600°C (%)	0880	1.4635	0.14900	1.8152	0.08608	0.06710	30	-4.09	10%	0
005.00	Ash, 2h @ 600°C (%)	0808	1.6300	0.30000	1.8152	0.08608	0.06710	30	-2.15	5%	0
005.00	Ash, 2h @ 600°C (%)	2058	1.6800	0.04000	1.8152	0.08608	0.06710	30	-1.57	4%	0
005.00	Ash, 2h @ 600°C (%)	0964	1.7055	0.16700	1.8152	0.08608	0.06710	30	-1.27	3%	0
005.00	Ash, 2h @ 600°C (%)	0407	1.7203	0.15050	1.8152	0.08608	0.06710	30	-1.10	3%	0
005.00	Ash, 2h @ 600°C (%)	0208	1.7400	0.10000	1.8152	0.08608	0.06710	30	-0.87	2%	0
005.00	Ash, 2h @ 600°C (%)	0876	1.7400	0.04000	1.8152	0.08608	0.06710	30	-0.87	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	1.7650	0.01000	1.8152	0.08608	0.06710	30	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0026	1.7700	0.04000	1.8152	0.08608	0.06710	30	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	1.7850	0.03000	1.8152	0.08608	0.06710	30	-0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	1.7978	0.04090	1.8152	0.08608	0.06710	30	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0959	1.8000	0.04000	1.8152	0.08608	0.06710	30	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2033	1.8000	0.00000	1.8152	0.08608	0.06710	30	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	1.8050	0.11000	1.8152	0.08608	0.06710	30	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	1.8156	0.04860	1.8152	0.08608	0.06710	30	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	1.8250	0.03000	1.8152	0.08608	0.06710	30	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	1.8400	0.02000	1.8152	0.08608	0.06710	30	0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	1.8400	0.04000	1.8152	0.08608	0.06710	30	0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	1.8500	0.04000	1.8152	0.08608	0.06710	30	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	1.8500	0.02000	1.8152	0.08608	0.06710	30	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0511	1.8550	0.03000	1.8152	0.08608	0.06710	30	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0943	1.8600	0.04000	1.8152	0.08608	0.06710	30	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	2016	1.8600	0.00000	1.8152	0.08608	0.06710	30	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0033	1.8800	0.04000	1.8152	0.08608	0.06710	30	0.75	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	
005.00	Ash, 2h @ 600°C (%)	0027	1.8820	0.00200	1.8152	0.08608	0.06710	30	0.78	2%	0
005.00	Ash, 2h @ 600°C (%)	0650	1.8850	0.17000	1.8152	0.08608	0.06710	30	0.81	2%	0
005.00	Ash, 2h @ 600°C (%)	0051	1.9000	0.00000	1.8152	0.08608	0.06710	30	0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	1.9375	0.03500	1.8152	0.08608	0.06710	30	1.42	3%	0
005.00	Ash, 2h @ 600°C (%)	0015	2.3250	0.01000	1.8152	0.08608	0.06710	30	5.92	14%	0
005.00	Ash, 2h @ 600°C (%)	1019	3.4050	0.27000	1.8152	0.08608	0.06710	30	18.47	44%	0
005.00	Ash, 2h @ 600°C (%)	0957	7.4600	0.12000	1.8152	0.08608	0.06710	30	65.58	155%	2
005.02	Ash, LECO (%)	2153	1.8300	0.02000				1			0
005.05	Ash, 3h @ 550°C (%)	0047	1.5000	0.20000	1.7609	0.18730	0.06338	6	-1.39	7%	0
005.05	Ash, 3h @ 550°C (%)	2124	1.6600	0.02000	1.7609	0.18730	0.06338	6	-0.54	3%	0
005.05	Ash, 3h @ 550°C (%)	0003	1.7800	0.10000	1.7609	0.18730	0.06338	6	0.10	1%	0
005.05	Ash, 3h @ 550°C (%)	2050	1.7900	0.04000	1.7609	0.18730	0.06338	6	0.16	1%	0
005.05	Ash, 3h @ 550°C (%)	2062	1.8555	0.02030	1.7609	0.18730	0.06338	6	0.50	3%	0
005.05	Ash, 3h @ 550°C (%)	2115	1.9800	0.00000	1.7609	0.18730	0.06338	6	1.17	6%	0
005.99	Ash, Miscellaneous (%)	0969	1.7550	0.05000	1.8386	0.05648	0.03714	7	-1.48	2%	0
005.99	Ash, Miscellaneous (%)	2136	1.8050	0.03000	1.8386	0.05648	0.03714	7	-0.59	1%	0
005.99	Ash, Miscellaneous (%)	2004	1.8300	0.00000	1.8386	0.05648	0.03714	7	-0.15	0%	0
005.99	Ash, Miscellaneous (%)	0202	1.8350	0.01000	1.8386	0.05648	0.03714	7	-0.06	0%	0
005.99	Ash, Miscellaneous (%)	2023	1.8550	0.03000	1.8386	0.05648	0.03714	7	0.29	0%	0
005.99	Ash, Miscellaneous (%)	0970	1.8900	0.02000	1.8386	0.05648	0.03714	7	0.91	1%	0
005.99	Ash, Miscellaneous (%)	0613	1.9000	0.12000	1.8386	0.05648	0.03714	7	1.09	2%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	1.2600	0.20000				1			0
006.99	Total sugars, Miscellaneous (%)	2114	1.0850	0.01000				3			0
006.99	Total sugars, Miscellaneous (%)	0969	1.1000	0.00000				3			0
006.99	Total sugars, Miscellaneous (%)	2004	1.4500	0.00000				3			0
008.02	Fiber, Acid Detergent (%)	0098	1.3050	0.03000				3			0
008.02	Fiber, Acid Detergent (%)	0309	1.5010	0.09080				3			0
008.02	Fiber, Acid Detergent (%)	0208	1.6200	0.20000				3			0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	1.2250	0.03000	2.1531	0.63135	0.32177	9	-1.47	22%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	1.3950	0.11000	2.1531	0.63135	0.32177	9	-1.20	18%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0033	1.9550	0.25000	2.1531	0.63135	0.32177	9	-0.31	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	2.0750	0.11000	2.1531	0.63135	0.32177	9	-0.12	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	2.3150	0.07000	2.1531	0.63135	0.32177	9	0.26	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	2.3500	0.10000	2.1531	0.63135	0.32177	9	0.31	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	2.4727	0.12960	2.1531	0.63135	0.32177	9	0.51	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	2.7350	1.1900	2.1531	0.63135	0.32177	9	0.92	14%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	2.8550	0.90630	2.1531	0.63135	0.32177	9	1.11	16%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	1.6500	0.10000				2			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0613	1.6700	0.32000				2			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	10.440	0.17430				2			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0208	12.000	0.40000				2			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	5.8100	0.30000	7.5569	1.5215	0.27560	7	-1.15	12%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	6.7750	0.77000	7.5569	1.5215	0.27560	7	-0.51	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	7.0750	0.15000	7.5569	1.5215	0.27560	7	-0.32	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	7.2500	0.10000	7.5569	1.5215	0.27560	7	-0.20	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	7.3440	0.33270	7.5569	1.5215	0.27560	7	-0.14	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0015	8.8050	0.17000	7.5569	1.5215	0.27560	7	0.82	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	22.954	0.10650	7.5569	1.5215	0.27560	7	10.12	102%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	7.4550	0.99000				1			0
010.03	Moisture, Karl-Fischer (%)	0164	9.6650	0.19000				1			0
010.99	Moisture, Miscellaneous (%)	2136	8.1950	0.05000	9.2494	0.55613	0.07471	7	-1.90	6%	0
010.99	Moisture, Miscellaneous (%)	2089	9.0550	0.19000	9.2494	0.55613	0.07471	7	-0.35	1%	0
010.99	Moisture, Miscellaneous (%)	0969	9.1000	0.20000	9.2494	0.55613	0.07471	7	-0.27	1%	0
010.99	Moisture, Miscellaneous (%)	2004	9.1600	0.06000	9.2494	0.55613	0.07471	7	-0.16	0%	0
010.99	Moisture, Miscellaneous (%)	0970	9.4300	0.02000	9.2494	0.55613	0.07471	7	0.32	1%	0
010.99	Moisture, Miscellaneous (%)	0964	9.6255	0.00300	9.2494	0.55613	0.07471	7	0.68	2%	0
010.99	Moisture, Miscellaneous (%)	2122	9.9600	0.00000	9.2494	0.55613	0.07471	7	1.28	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	8.6450	0.17000	9.6838	0.26875	0.16822	23	-3.87	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.1800	0.02000	9.6838	0.26875	0.16822	23	-1.87	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	9.2845	0.46100	9.6838	0.26875	0.16822	23	-1.49	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0943	9.3750	0.17000	9.6838	0.26875	0.16822	23	-1.15	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	9.3900	0.36000	9.6838	0.26875	0.16822	23	-1.09	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	9.5350	0.19000	9.6838	0.26875	0.16822	23	-0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	9.5900	0.14000	9.6838	0.26875	0.16822	23	-0.35	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	9.6000	0.34000	9.6838	0.26875	0.16822	23	-0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	9.6050	0.15000	9.6838	0.26875	0.16822	23	-0.29	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	9.6500	0.12000	9.6838	0.26875	0.16822	23	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	9.7050	0.13000	9.6838	0.26875	0.16822	23	0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	9.7500	0.10000	9.6838	0.26875	0.16822	23	0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.7500	0.10000	9.6838	0.26875	0.16822	23	0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	9.7600	0.42000	9.6838	0.26875	0.16822	23	0.28	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	9.8300	0.06000	9.6838	0.26875	0.16822	23	0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	9.8350	0.07000	9.6838	0.26875	0.16822	23	0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	9.8351	0.30300	9.6838	0.26875	0.16822	23	0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	9.8400	0.14000	9.6838	0.26875	0.16822	23	0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	9.9250	0.15000	9.6838	0.26875	0.16822	23	0.90	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	9.9350	0.03000	9.6838	0.26875	0.16822	23	0.93	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2058	9.9400	0.00000	9.6838	0.26875	0.16822	23	0.95	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	9.9450	0.23000	9.6838	0.26875	0.16822	23	0.97	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.092	0.01510	9.6838	0.26875	0.16822	23	1.52	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2016	8.4850	1.0700	9.6838	0.26875	0.16822	23	-4.46	6%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	2023	9.8800	0.02000				2			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.02	Loss on Drying, 130°C for 2 hours (%)	2083	10.100	0.16000				2			0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0808	9.7150	0.03000				1			0
012.00	Starch, Polarimetric (Ewers) (%)	2023	61.300	0.20000				1			0
012.01	Starch, Megazyme (%)	0613	54.115	0.01000	58.345	6.0646	1.0456	4	-0.70	4%	0
012.01	Starch, Megazyme (%)	2004	55.350	2.7000	58.345	6.0646	1.0456	4	-0.49	3%	0
012.01	Starch, Megazyme (%)	0164	56.600	1.4000	58.345	6.0646	1.0456	4	-0.29	1%	0
012.01	Starch, Megazyme (%)	0870	67.313	0.07230	58.345	6.0646	1.0456	4	1.48	8%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	64.750	0.28000				1			0
012.03	Starch, Enzymatic (%)	0407	55.090	0.30000				2			0
012.03	Starch, Enzymatic (%)	0098	55.350	2.7000				2			0
012.04	Starch, YSI Analyzer (%)	0208	59.500	1.6000				2			0
012.04	Starch, YSI Analyzer (%)	0510	59.550	0.50000				2			0
013.00	Fat, Acid hydrolysis (%)	2023	5.8550	0.53000	6.5336	0.45393	0.22526	9	-1.49	5%	0
013.00	Fat, Acid hydrolysis (%)	0504	5.9652	0.12960	6.5336	0.45393	0.22526	9	-1.25	4%	0
013.00	Fat, Acid hydrolysis (%)	0969	6.3500	0.30000	6.5336	0.45393	0.22526	9	-0.40	1%	0
013.00	Fat, Acid hydrolysis (%)	2004	6.6000	0.00000	6.5336	0.45393	0.22526	9	0.15	1%	0
013.00	Fat, Acid hydrolysis (%)	2016	6.6550	0.37000	6.5336	0.45393	0.22526	9	0.27	1%	0
013.00	Fat, Acid hydrolysis (%)	0309	6.7521	0.28770	6.5336	0.45393	0.22526	9	0.48	2%	0
013.00	Fat, Acid hydrolysis (%)	0098	6.7550	0.21000	6.5336	0.45393	0.22526	9	0.49	2%	0
013.00	Fat, Acid hydrolysis (%)	0202	6.8200	0.10000	6.5336	0.45393	0.22526	9	0.63	2%	0
013.00	Fat, Acid hydrolysis (%)	0970	7.0500	0.10000	6.5336	0.45393	0.22526	9	1.14	4%	0
013.02	Fat, Mojonnie, Bak Ext (%)	0957	5.7050	0.31000	6.6840	0.50964	0.18856	13	-1.92	7%	0
013.02	Fat, Mojonnie, Bak Ext (%)	2058	6.0000	0.28000	6.6840	0.50964	0.18856	13	-1.34	5%	0
013.02	Fat, Mojonnie, Bak Ext (%)	0074	6.3650	0.05000	6.6840	0.50964	0.18856	13	-0.63	2%	0
013.02	Fat, Mojonnie, Bak Ext (%)	0808	6.4550	0.13000	6.6840	0.50964	0.18856	13	-0.45	2%	0
013.02	Fat, Mojonnie, Bak Ext (%)	0208	6.4800	0.04000	6.6840	0.50964	0.18856	13	-0.40	2%	0
013.02	Fat, Mojonnie, Bak Ext (%)	0943	6.5700	0.48000	6.6840	0.50964	0.18856	13	-0.22	1%	0
013.02	Fat, Mojonnie, Bak Ext (%)	0870	6.7029	0.33190	6.6840	0.50964	0.18856	13	0.04	0%	0
013.02	Fat, Mojonnie, Bak Ext (%)	0650	6.7700	0.16000	6.6840	0.50964	0.18856	13	0.17	1%	0
013.02	Fat, Mojonnie, Bak Ext (%)	0164	6.8850	0.07000	6.6840	0.50964	0.18856	13	0.39	2%	0
013.02	Fat, Mojonnie, Bak Ext (%)	0959	7.0350	0.13000	6.6840	0.50964	0.18856	13	0.69	3%	0
013.02	Fat, Mojonnie, Bak Ext (%)	0001	7.0661	0.07940	6.6840	0.50964	0.18856	13	0.75	3%	0
013.02	Fat, Mojonnie, Bak Ext (%)	0171	7.1950	0.09000	6.6840	0.50964	0.18856	13	1.00	4%	0
013.02	Fat, Mojonnie, Bak Ext (%)	0051	7.4500	0.30000	6.6840	0.50964	0.18856	13	1.50	6%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	2058	6.2100	0.04000				1			0
014.99	Fiber, total dietary TDF, Miscellaneous (%)	0164	9.1000	0.60000				2			0
014.99	Fiber, total dietary TDF, Miscellaneous (%)	0970	9.5700	0.04000				2			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	8.4000	0.40000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	2033	1.9000	0.20000				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2115	0.06000	0.00000				1			0
019.31	Calcium, AAS, Dry ash (%)	0001	0.04790	0.00180				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.31	Calcium, AAS, Dry ash (%)	0650	0.05300	0.00200				3			0
019.31	Calcium, AAS, Dry ash (%)	0014	0.05950	0.00300				3			0
019.32	Calcium, AAS, Open vessel (%)	0504	0.05350	0.00700				1			0
019.33	Calcium, AAS, Microwave (%)	0504	0.04150	0.00300				1			0
019.41	Calcium, ICP, Dry ash (%)	0051	0.05085	0.00130	0.05382	0.00259	0.00152	9	-1.15	3%	0
019.41	Calcium, ICP, Dry ash (%)	0164	0.05150	0.00100	0.05382	0.00259	0.00152	9	-0.90	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	0.05180	0.00240	0.05382	0.00259	0.00152	9	-0.78	2%	0
019.41	Calcium, ICP, Dry ash (%)	0074	0.05300	0.00000	0.05382	0.00259	0.00152	9	-0.32	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.05400	0.00200	0.05382	0.00259	0.00152	9	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0964	0.05400	0.00160	0.05382	0.00259	0.00152	9	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0208	0.05550	0.00500	0.05382	0.00259	0.00152	9	0.65	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.05600	0.00040	0.05382	0.00259	0.00152	9	0.84	2%	0
019.41	Calcium, ICP, Dry ash (%)	0003	0.06000	0.00000	0.05382	0.00259	0.00152	9	2.39	6%	0
019.41	Calcium, ICP, Dry ash (%)	0511	0.05500	0.01000	0.05382	0.00259	0.00152	9	0.46	1%	1
019.42	Calcium, ICP, Open vessel (%)	0870	0.04415	0.00130	0.05493	0.01099	0.00486	5	-0.98	10%	0
019.42	Calcium, ICP, Open vessel (%)	0026	0.04500	0.01000	0.05493	0.01099	0.00486	5	-0.90	9%	0
019.42	Calcium, ICP, Open vessel (%)	0613	0.05500	0.01000	0.05493	0.01099	0.00486	5	0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0202	0.06000	0.00000	0.05493	0.01099	0.00486	5	0.46	5%	0
019.42	Calcium, ICP, Open vessel (%)	0504	0.07050	0.00300	0.05493	0.01099	0.00486	5	1.42	14%	0
019.43	Calcium, ICP, Microwave (%)	0042	0.04850	0.00100	0.05184	0.00319	0.00117	9	-1.04	3%	0
019.43	Calcium, ICP, Microwave (%)	2136	0.04945	0.00110	0.05184	0.00319	0.00117	9	-0.75	2%	0
019.43	Calcium, ICP, Microwave (%)	0035	0.05000	0.00000	0.05184	0.00319	0.00117	9	-0.58	2%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.05000	0.00000	0.05184	0.00319	0.00117	9	-0.58	2%	0
019.43	Calcium, ICP, Microwave (%)	2124	0.05015	0.00010	0.05184	0.00319	0.00117	9	-0.53	2%	0
019.43	Calcium, ICP, Microwave (%)	0964	0.05320	0.00020	0.05184	0.00319	0.00117	9	0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0034	0.05410	0.00120	0.05184	0.00319	0.00117	9	0.71	2%	0
019.43	Calcium, ICP, Microwave (%)	2033	0.05450	0.00100	0.05184	0.00319	0.00117	9	0.83	3%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.06125	0.00590	0.05184	0.00319	0.00117	9	2.95	9%	0
019.43	Calcium, ICP, Microwave (%)	2089	0.06500	0.01000	0.05184	0.00319	0.00117	9	4.12	13%	1
019.44	Calcium, ICP, Dry ash (%)	2023	0.04720	0.00240	102.65	229.39	1.2007	5	-0.60	11%	0
019.44	Calcium, ICP, Dry ash (%)	0969	0.05000	0.00000	102.65	229.39	1.2007	5	-0.47	8%	0
019.44	Calcium, ICP, Dry ash (%)	2004	0.05110	0.00080	102.65	229.39	1.2007	5	-0.42	7%	0
019.44	Calcium, ICP, Dry ash (%)	2114	0.09215	0.00010	102.65	229.39	1.2007	5	1.50	27%	0
019.44	Calcium, ICP, Dry ash (%)	0970	513.00	6.0000	102.65	229.39	1.2007	5	23945.27	426650%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.05000	0.00000				1			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	0.05750	0.00080				1			0
019.99	Calcium, Miscellaneous (%)	0035	0.05000	0.00000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	0.00200	0.00200				1			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	3.7525	0.78100				1			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	2.5444	0.21260	3.3594	0.81400	0.23378	10	-1.00	12%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	2.8500	0.10000	3.3594	0.81400	0.23378	10	-0.63	8%	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))	0208	2.8675	0.65100	3.3594	0.81400	0.23378	10	-0.60	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0051	2.9550	0.59000	3.3594	0.81400	0.23378	10	-0.50	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	3.0000	0.00000	3.3594	0.81400	0.23378	10	-0.44	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	3.0000	0.00000	3.3594	0.81400	0.23378	10	-0.44	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	3.5900	0.26000	3.3594	0.81400	0.23378	10	0.28	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0964	3.6565	0.22420	3.3594	0.81400	0.23378	10	0.37	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	4.5500	0.30000	3.3594	0.81400	0.23378	10	1.46	18%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	6.0000	0.00000	3.3594	0.81400	0.23378	10	3.24	39%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	3.3010	0.08400				3			0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	3.4500	0.02000				3			0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	4.2700	0.54000				3			0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2124	1.6125	0.19700	2.9674	1.0023	0.19090	7	-1.35	23%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	2.4050	0.59000	2.9674	1.0023	0.19090	7	-0.56	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2058	2.7100	0.28000	2.9674	1.0023	0.19090	7	-0.26	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	3.0000	0.00000	2.9674	1.0023	0.19090	7	0.03	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	3.2450	0.01000	2.9674	1.0023	0.19090	7	0.28	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	3.3285	0.03930	2.9674	1.0023	0.19090	7	0.36	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0042	4.5900	0.22000	2.9674	1.0023	0.19090	7	1.62	27%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0970	3.1650	0.07000	3.4538	0.39561	0.06750	4	-0.73	4%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0969	3.2550	0.09000	3.4538	0.39561	0.06750	4	-0.50	3%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	3.3600	0.02000	3.4538	0.39561	0.06750	4	-0.24	1%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2114	4.0350	0.09000	3.4538	0.39561	0.06750	4	1.47	8%	0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	3.0650	0.05000				1			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2136	2.9000	0.30000				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	3.2500	0.08000				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	3.4050	0.31000				3			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
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	32.740	0.08000				1			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0035	39.000	4.0000				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	33.000	2.0000	36.036	2.2571	1.8055	13	-1.34	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0051	33.500	1.0000	36.036	2.2571	1.8055	13	-1.12	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0969	33.800	0.60000	36.036	2.2571	1.8055	13	-0.99	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	35.000	0.00000	36.036	2.2571	1.8055	13	-0.46	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	35.200	0.00000	36.036	2.2571	1.8055	13	-0.37	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0970	35.250	0.90000	36.036	2.2571	1.8055	13	-0.35	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	36.000	2.0000	36.036	2.2571	1.8055	13	-0.02	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	36.665	3.0900	36.036	2.2571	1.8055	13	0.28	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	37.000	2.0000	36.036	2.2571	1.8055	13	0.43	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	37.230	2.1000	36.036	2.2571	1.8055	13	0.53	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	
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	37.513	0.11530	36.036	2.2571	1.8055	13	0.65	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0964	38.884	9.2367	36.036	2.2571	1.8055	13	1.26	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2114	60.895	0.43000	36.036	2.2571	1.8055	13	11.01	34%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	98.000	78.000	36.036	2.2571	1.8055	13	27.45	86%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	33.885	1.6900				2			0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	41.640	4.3400				2			0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	27.970	11.640	36.311	5.4553	3.0071	11	-1.53	11%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	32.350	0.70000	36.311	5.4553	3.0071	11	-0.73	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2058	33.550	0.26000	36.311	5.4553	3.0071	11	-0.51	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	34.500	1.0000	36.311	5.4553	3.0071	11	-0.33	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2124	35.325	0.28500	36.311	5.4553	3.0071	11	-0.18	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2033	35.500	1.0000	36.311	5.4553	3.0071	11	-0.15	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	36.305	1.7433	36.311	5.4553	3.0071	11	0.00	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2136	37.350	2.7000	36.311	5.4553	3.0071	11	0.19	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	37.425	2.0500	36.311	5.4553	3.0071	11	0.20	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	45.000	2.0000	36.311	5.4553	3.0071	11	1.59	12%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0042	55.550	9.7000	36.311	5.4553	3.0071	11	3.53	26%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	35.000	0.40000				1			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	36.450	0.30000				1			0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.12070	0.00080				3			0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.13000	0.00200				3			0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.13900	0.00880				3			0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.13750	0.00500				1			0
027.33	Magnesium, AAS, Microwave (%)	0504	0.12800	0.00800				2			0
027.33	Magnesium, AAS, Microwave (%)	0035	0.13500	0.01000				2			0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.13110	0.00280	0.13534	0.00322	0.00568	10	-1.32	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0964	0.13265	0.00390	0.13534	0.00322	0.00568	10	-0.83	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.13300	0.00000	0.13534	0.00322	0.00568	10	-0.73	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.13500	0.01000	0.13534	0.00322	0.00568	10	-0.10	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.13500	0.00200	0.13534	0.00322	0.00568	10	-0.10	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.13500	0.01000	0.13534	0.00322	0.00568	10	-0.10	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.13550	0.00100	0.13534	0.00322	0.00568	10	0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.13650	0.01500	0.13534	0.00322	0.00568	10	0.36	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.13945	0.00210	0.13534	0.00322	0.00568	10	1.28	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.14500	0.01000	0.13534	0.00322	0.00568	10	3.00	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.12970	0.00640	0.23368	0.20423	0.21910	4	-0.63	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.13000	0.00000	0.23368	0.20423	0.21910	4	-0.53	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.13500	0.01000	0.23368	0.20423	0.21910	4	1.15	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.54000	0.86000	0.23368	0.20423	0.21910	4	137.19	155%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.12500	0.01000	0.13554	0.00967	0.00663	9	-1.09	4%	0
027.43	Magnesium, ICP, Microwave (%)	0042	0.12900	0.01800	0.13554	0.00967	0.00663	9	-0.68	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	
027.43	Magnesium, ICP, Microwave (%)	0035	0.13000	0.00000	0.13554	0.00967	0.00663	9	-0.57	2%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.13000	0.00000	0.13554	0.00967	0.00663	9	-0.57	2%	0
027.43	Magnesium, ICP, Microwave (%)	2124	0.13150	0.00100	0.13554	0.00967	0.00663	9	-0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	2136	0.13750	0.00100	0.13554	0.00967	0.00663	9	0.20	1%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.14085	0.00490	0.13554	0.00967	0.00663	9	0.55	2%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.14600	0.00480	0.13554	0.00967	0.00663	9	1.08	4%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.15000	0.02000	0.13554	0.00967	0.00663	9	1.49	5%	0
027.44	Magnesium, ICP, Dry ash (%)	2023	0.13100	0.00400	0.13885	0.00718	0.00202	5	-1.09	3%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.13550	0.00100	0.13885	0.00718	0.00202	5	-0.47	1%	0
027.44	Magnesium, ICP, Dry ash (%)	0970	0.13750	0.00300	0.13885	0.00718	0.00202	5	-0.19	0%	0
027.44	Magnesium, ICP, Dry ash (%)	0969	0.14000	0.00000	0.13885	0.00718	0.00202	5	0.16	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2114	0.15025	0.00210	0.13885	0.00718	0.00202	5	1.59	4%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.12000	0.00000				1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.15500	0.01000				1			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	37.170	1.8200				1			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	35.320	0.42000				1			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	40.190	0.66000				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	35.000	0.00000	36.627	1.8549	0.96159	10	-0.88	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	35.000	2.0000	36.627	1.8549	0.96159	10	-0.88	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0051	35.140	0.20000	36.627	1.8549	0.96159	10	-0.80	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	35.500	1.0000	36.627	1.8549	0.96159	10	-0.61	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	35.660	3.7000	36.627	1.8549	0.96159	10	-0.52	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0964	36.812	0.89410	36.627	1.8549	0.96159	10	0.10	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	36.985	0.37000	36.627	1.8549	0.96159	10	0.19	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	38.000	0.00000	36.627	1.8549	0.96159	10	0.74	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	38.767	0.45180	36.627	1.8549	0.96159	10	1.15	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	40.500	1.0000	36.627	1.8549	0.96159	10	2.09	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	32.430	1.5000	215.65	358.81	8.7550	4	-1.09	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	37.000	2.0000	215.65	358.81	8.7550	4	0.21	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	39.330	3.2200	215.65	358.81	8.7550	4	0.88	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	753.85	28.300	215.65	358.81	8.7550	4	204.44	990%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2058	33.475	1.4900	37.753	2.9550	1.6140	9	-1.45	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	35.500	1.0000	37.753	2.9550	1.6140	9	-0.76	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	36.000	0.00000	37.753	2.9550	1.6140	9	-0.59	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	36.107	1.1334	37.753	2.9550	1.6140	9	-0.56	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2124	38.606	0.26300	37.753	2.9550	1.6140	9	0.29	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	38.890	1.7800	37.753	2.9550	1.6140	9	0.38	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0042	39.550	3.1000	37.753	2.9550	1.6140	9	0.61	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	40.106	0.95000	37.753	2.9550	1.6140	9	0.80	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	41.545	4.8100	37.753	2.9550	1.6140	9	1.28	5%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0969	35.950	0.50000	36.948	0.80688	1.3346	5	-1.01	1%	0

Test Material Code # 201644

Method Proficiency Testing Report

Issue Date : 01/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	36.200	0.60000	36.948	0.80688	1.3346	5	-0.70	1%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0970	37.400	0.00000	36.948	0.80688	1.3346	5	0.76	1%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	37.550	1.3000	36.948	0.80688	1.3346	5	0.95	1%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2114	37.642	4.2731	36.948	0.80688	1.3346	5	1.06	1%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	34.850	0.50000				1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2136	35.100	1.4000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	38.250	2.5000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0035	32.500	1.0000				1			0
031.01	Phosphorus, Photometric (%)	0035	0.38500	0.03000	0.42195	0.02300	0.00888	6	-1.61	4%	0
031.01	Phosphorus, Photometric (%)	2115	0.41000	0.00000	0.42195	0.02300	0.00888	6	-0.52	1%	0
031.01	Phosphorus, Photometric (%)	2062	0.42525	0.00530	0.42195	0.02300	0.00888	6	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0650	0.42850	0.00700	0.42195	0.02300	0.00888	6	0.28	1%	0
031.01	Phosphorus, Photometric (%)	0511	0.44000	0.00000	0.42195	0.02300	0.00888	6	0.78	2%	0
031.01	Phosphorus, Photometric (%)	0208	0.44050	0.01100	0.42195	0.02300	0.00888	6	0.81	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.38000	0.02000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.41250	0.00900				3			0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.42500	0.01000				3			0
031.41	Phosphorus, ICP, Dry ash (%)	0051	0.39940	0.01280	0.41739	0.01264	0.00702	9	-1.42	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0964	0.40585	0.00050	0.41739	0.01264	0.00702	9	-0.91	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.41300	0.00400	0.41739	0.01264	0.00702	9	-0.35	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.41440	0.00880	0.41739	0.01264	0.00702	9	-0.24	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.41600	0.02000	0.41739	0.01264	0.00702	9	-0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.42000	0.00000	0.41739	0.01264	0.00702	9	0.21	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.42500	0.01000	0.41739	0.01264	0.00702	9	0.60	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.42650	0.00700	0.41739	0.01264	0.00702	9	0.72	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.45055	0.00010	0.41739	0.01264	0.00702	9	2.62	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.35000	0.00000	0.39672	0.04662	0.01127	6	-1.00	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.36280	0.02260	0.39672	0.04662	0.01127	6	-0.73	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.37000	0.02000	0.39672	0.04662	0.01127	6	-0.57	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.41650	0.01900	0.39672	0.04662	0.01127	6	0.42	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.43100	0.00600	0.39672	0.04662	0.01127	6	0.74	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.45000	0.00000	0.39672	0.04662	0.01127	6	1.14	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.37500	0.01000	0.42832	0.02015	0.01788	9	-2.65	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0042	0.41250	0.00300	0.42832	0.02015	0.01788	9	-0.79	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.41500	0.01000	0.42832	0.02015	0.01788	9	-0.66	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2124	0.42750	0.00100	0.42832	0.02015	0.01788	9	-0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.42905	0.03410	0.42832	0.02015	0.01788	9	0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.43520	0.01920	0.42832	0.02015	0.01788	9	0.34	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.43900	0.00800	0.42832	0.02015	0.01788	9	0.53	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.44000	0.02000	0.42832	0.02015	0.01788	9	0.58	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.47160	0.05560	0.42832	0.02015	0.01788	9	2.15	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	
031.44	Phosphorus, ICP, Dry ash (%)	2023	0.38450	0.00900	0.39753	0.01139	0.00334	5	-1.14	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2114	0.38765	0.00070	0.39753	0.01139	0.00334	5	-0.87	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	0969	0.40000	0.00000	0.39753	0.01139	0.00334	5	0.22	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	0970	0.40350	0.00300	0.39753	0.01139	0.00334	5	0.52	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.41200	0.00400	0.39753	0.01139	0.00334	5	1.27	2%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	2136	0.40500	0.06800				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.41350	0.02700				2			0
032.02	Potassium, Flame Emission (%)	0504	0.37000	0.00000				1			0
032.31	Potassium, AAS, Dry ash (%)	0014	0.37650	0.00700				2			0
032.31	Potassium, AAS, Dry ash (%)	0650	0.48250	0.16100				2			0
032.41	Potassium, ICP, Dry ash (%)	0208	0.32600	0.02400	0.39337	0.02224	0.01250	10	-3.03	9%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.38000	0.00000	0.39337	0.02224	0.01250	10	-0.60	2%	0
032.41	Potassium, ICP, Dry ash (%)	0051	0.38485	0.02810	0.39337	0.02224	0.01250	10	-0.38	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.38900	0.00000	0.39337	0.02224	0.01250	10	-0.20	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.39000	0.02000	0.39337	0.02224	0.01250	10	-0.15	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.39000	0.00000	0.39337	0.02224	0.01250	10	-0.15	0%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.39100	0.00200	0.39337	0.02224	0.01250	10	-0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0964	0.39840	0.00740	0.39337	0.02224	0.01250	10	0.23	1%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.42375	0.02350	0.39337	0.02224	0.01250	10	1.37	4%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.45000	0.02000	0.39337	0.02224	0.01250	10	2.55	7%	0
032.42	Potassium, ICP, Open vessel (%)	0613	0.29500	0.03000	0.35639	0.04939	0.01630	5	-1.24	9%	0
032.42	Potassium, ICP, Open vessel (%)	0026	0.31500	0.01000	0.35639	0.04939	0.01630	5	-0.84	6%	0
032.42	Potassium, ICP, Open vessel (%)	0202	0.37000	0.02000	0.35639	0.04939	0.01630	5	0.28	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.39345	0.00250	0.35639	0.04939	0.01630	5	0.75	5%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.40850	0.01900	0.35639	0.04939	0.01630	5	1.06	7%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.36000	0.00000	0.40322	0.02226	0.01260	10	-1.94	5%	0
032.43	Potassium, ICP, Microwave (%)	2124	0.38500	0.00200	0.40322	0.02226	0.01260	10	-0.82	2%	0
032.43	Potassium, ICP, Microwave (%)	0034	0.38685	0.00970	0.40322	0.02226	0.01260	10	-0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.39500	0.01000	0.40322	0.02226	0.01260	10	-0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	2136	0.40000	0.00400	0.40322	0.02226	0.01260	10	-0.14	0%	0
032.43	Potassium, ICP, Microwave (%)	0042	0.40900	0.02800	0.40322	0.02226	0.01260	10	0.26	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.41155	0.02230	0.40322	0.02226	0.01260	10	0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	2033	0.42000	0.00000	0.40322	0.02226	0.01260	10	0.75	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.42000	0.00000	0.40322	0.02226	0.01260	10	0.75	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.43500	0.05000	0.40322	0.02226	0.01260	10	1.43	4%	0
032.44	Potassium, ICP, Dry ash (%)	2114	0.30465	0.01010	0.36533	0.03517	0.00682	5	-7.06	10%	0
032.44	Potassium, ICP, Dry ash (%)	0969	0.37000	0.00000	0.36533	0.03517	0.00682	5	-0.98	1%	0
032.44	Potassium, ICP, Dry ash (%)	2004	0.37550	0.00900	0.36533	0.03517	0.00682	5	-0.47	1%	0
032.44	Potassium, ICP, Dry ash (%)	0970	0.38150	0.00500	0.36533	0.03517	0.00682	5	0.09	0%	0
032.44	Potassium, ICP, Dry ash (%)	2023	0.39500	0.01000	0.36533	0.03517	0.00682	5	1.35	2%	0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.39950	0.01100				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			
032.99	Potassium, Miscellaneous (%)	0001	0.37450	0.00500				2			0
032.99	Potassium, Miscellaneous (%)	0035	0.38500	0.01000				2			0
033.00	Salt as chloride, Sol Cl (%)	0504	0.03500	0.01000				2			0
033.00	Salt as chloride, Sol Cl (%)	0309	0.06600	0.01040				2			0
033.01	Salt as chloride, Poten Cl (%)	0510	0.08000	0.00000	0.09360	0.01809	0.00200	5	-1.14	3%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.08300	0.00000	0.09360	0.01809	0.00200	5	-0.54	2%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.09000	0.00000	0.09360	0.01809	0.00200	5	0.84	2%	0
033.01	Salt as chloride, Poten Cl (%)	2023	0.09000	0.00000	0.09360	0.01809	0.00200	5	0.84	2%	0
033.01	Salt as chloride, Poten Cl (%)	0650	0.12500	0.01000	0.09360	0.01809	0.00200	5	7.76	23%	0
033.99	Salt, Miscellaneous (%)	0613	0.04600	0.00000				2			0
033.99	Salt, Miscellaneous (%)	2033	0.08500	0.03000				2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.16000	0.02000				2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.23500	0.01000				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	0.31155	0.01130				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	2124	0.56395	0.72830				2			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.19500	0.01000				2			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	0.20000	0.00000				2			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0969	0.15000	0.00000				2			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	2004	0.16950	0.00900				2			0
035.05	Sodium, Flame Emission (%)	0504	0.00250	0.00100				1			0
035.31	Sodium, AAS, Dry ash (%)	0650	0.00260	0.00080				1			0
035.41	Sodium, ICP, Dry ash (%)	0970	0.00155	0.00010	0.00512	0.00511	0.00092	10	-0.70	35%	0
035.41	Sodium, ICP, Dry ash (%)	0964	0.00170	0.00080	0.00512	0.00511	0.00092	10	-0.67	33%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.00205	0.00010	0.00512	0.00511	0.00092	10	-0.60	30%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.00220	0.00020	0.00512	0.00511	0.00092	10	-0.57	29%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.00265	0.00090	0.00512	0.00511	0.00092	10	-0.48	24%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.00330	0.00020	0.00512	0.00511	0.00092	10	-0.36	18%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.00365	0.00030	0.00512	0.00511	0.00092	10	-0.29	14%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.00850	0.00300	0.00512	0.00511	0.00092	10	0.66	33%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.03150	0.00260	0.00512	0.00511	0.00092	10	5.16	258%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.03650	0.00100	0.00512	0.00511	0.00092	10	6.14	307%	0
035.41	Sodium, ICP, Dry ash (%)	0003	0.03500	0.01000	0.00512	0.00511	0.00092	10	5.85	292%	1
035.41	Sodium, ICP, Dry ash (%)	0969	0.00000	0.00000	0.00512	0.00511	0.00092	10			4
035.41	Sodium, ICP, Dry ash (%)	2004	0.00000	0.00000	0.00512	0.00511	0.00092	10			4
035.42	Sodium, ICP, Open vessel (%)	0870	0.00425	0.00030				3			0
035.42	Sodium, ICP, Open vessel (%)	0202	0.01000	0.00000				3			0
035.42	Sodium, ICP, Open vessel (%)	0504	0.01550	0.00900				3			0
035.42	Sodium, ICP, Open vessel (%)	0613	0.00500	0.01000				3			4
035.43	Sodium, ICP, Microwave (%)	2136	0.00140	0.00000	0.00428	0.00599	0.00208	5	-1.36	6%	0
035.43	Sodium, ICP, Microwave (%)	2124	0.00160	0.00020	0.00428	0.00599	0.00208	5	0.00	0%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.00165	0.00010	0.00428	0.00599	0.00208	5	0.34	2%	0

Test Material Code # 201644

Method Proficiency Testing Report

Issue Date : 01/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.43	Sodium, ICP, Microwave (%)	0098	0.00175	0.00010	0.00428	0.00599	0.00208	5	1.02	5%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.01500	0.01000	0.00428	0.00599	0.00208	5	91.04	419%	0
036.04	Sulfur, LECO (%)	0098	0.20000	0.00000				1			0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.16850	0.01000	0.17777	0.01057	0.00603	6	-0.88	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.16900	0.00600	0.17777	0.01057	0.00603	6	-0.83	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.17500	0.01000	0.17777	0.01057	0.00603	6	-0.26	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.18000	0.00000	0.17777	0.01057	0.00603	6	0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.18050	0.00020	0.17777	0.01057	0.00603	6	0.26	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.19500	0.01000	0.17777	0.01057	0.00603	6	1.63	5%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.18000	0.00000	0.19250	0.01258	0.00152	5	-0.99	3%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.19000	0.00000	0.19250	0.01258	0.00152	5	-0.20	1%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.19000	0.00000	0.19250	0.01258	0.00152	5	-0.20	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.20070	0.00760	0.19250	0.01258	0.00152	5	0.65	2%	0
036.43	Sulfur, ICP, Microwave (%)	2033	0.21000	0.00000	0.19250	0.01258	0.00152	5	1.39	5%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.19065	0.05190	0.19250	0.01258	0.00152	5	-0.15	0%	1
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	21.175	1.2300				1			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	22.215	0.85000				1			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	23.500	1.0000	28.220	6.6181	1.2799	9	-0.71	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0051	23.635	0.67000	28.220	6.6181	1.2799	9	-0.69	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0964	24.049	0.76580	28.220	6.6181	1.2799	9	-0.63	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	24.500	1.0000	28.220	6.6181	1.2799	9	-0.56	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	26.350	1.3200	28.220	6.6181	1.2799	9	-0.28	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	27.746	0.62360	28.220	6.6181	1.2799	9	-0.07	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	28.050	1.1000	28.220	6.6181	1.2799	9	-0.03	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	38.000	4.0000	28.220	6.6181	1.2799	9	1.48	17%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	65.430	1.0400	28.220	6.6181	1.2799	9	5.62	66%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	31.500	17.000	28.220	6.6181	1.2799	9	0.50	6%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	19.710	1.2800	151.60	254.63	69.378	4	-1.02	9%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	24.500	1.0000	151.60	254.63	69.378	4	0.04	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	28.685	6.2300	151.60	254.63	69.378	4	0.98	9%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	533.50	269.00	151.60	254.63	69.378	4	113.39	1048%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2058	22.605	0.79000	25.276	2.2545	1.4705	11	-1.18	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2124	23.395	0.11400	25.276	2.2545	1.4705	11	-0.83	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	23.550	1.1000	25.276	2.2545	1.4705	11	-0.77	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	24.000	0.00000	25.276	2.2545	1.4705	11	-0.57	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	24.625	0.58780	25.276	2.2545	1.4705	11	-0.29	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	25.195	0.19000	25.276	2.2545	1.4705	11	-0.04	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	25.450	1.5400	25.276	2.2545	1.4705	11	0.08	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2136	25.900	1.8000	25.276	2.2545	1.4705	11	0.28	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	26.000	4.0000	25.276	2.2545	1.4705	11	0.32	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0042	29.550	4.5000	25.276	2.2545	1.4705	11	1.90	8%	0

Test Material Code # 201644

Method Proficiency Testing Report

Issue Date : 01/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	31.425	1.5540	25.276	2.2545	1.4705	11	2.73	12%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0969	23.600	0.20000	24.473	1.0179	0.69015	4	-0.86	2%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0970	24.100	0.20000	24.473	1.0179	0.69015	4	-0.37	1%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	24.250	0.70000	24.473	1.0179	0.69015	4	-0.22	0%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2114	25.942	1.6606	24.473	1.0179	0.69015	4	1.44	3%	0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	20.150	0.68000				1			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	25.800	2.6000				1			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0035	31.000	2.0000				1			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	0.55000	0.10000				1			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	0.60000	0.00000				1			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.54500	0.01000				1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0970	0.62000	0.00000	0.63950	0.02959	0.01750	4	-1.02	0%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	0.62500	0.01000	0.63950	0.02959	0.01750	4	0.04	0%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2136	0.62950	0.04700	0.63950	0.02959	0.01750	4	0.98	0%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	0.68350	0.01300	0.63950	0.02959	0.01750	4	12.35	5%	0
042.00	Chloride, Titrimetric (%)	0969	0.05000	0.00000				2			0
042.00	Chloride, Titrimetric (%)	2004	0.05950	0.00100				2			0
042.99	Chloride, Miscellaneous (%)	0613	0.03000	0.00000				2			0
042.99	Chloride, Miscellaneous (%)	0970	0.05200	0.00000				2			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0227	1,890.0	100.00				1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	934.00	36.000				2			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0969	1,255.0	10.000				2			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0969	10.600	0.40000				3			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	10.950	1.1000				3			0
102.01	Niacin, Microbiological (mg / kg (ppm))	2004	12.200	1.6000				3			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	3.2900	0.36000				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	2004	3.6500	0.10000				2			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0969	4.5500	0.10000				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	1.2050	0.07000				1			0
104.02	Riboflavin, Microbiological, Turbidity (mg / kg (ppm))	2004	2.0000	0.00000				2			0
104.02	Riboflavin, Microbiological, Turbidity (mg / kg (ppm))	0969	2.8800	0.24000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	2023	1.2000	0.00000				1			0
105.00	Thiamine, LC (mg / kg (ppm))	2023	5.7500	0.10000				1			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	5.6600	1.0400				1			0
105.99	Thiamine, Miscellaneous (mg / kg (ppm))	2004	4.1500	0.10000				2			0
105.99	Thiamine, Miscellaneous (mg / kg (ppm))	0969	4.2000	0.00000				2			0
106.02	Vitamin A, LC (KU / kg)	0969	0.00000	0.00000				0			4
106.02	Vitamin A, LC (KU / kg)	2004	0.00000	0.00000				0			4
106.02	Vitamin A, LC (KU / kg)	2023	0.00000	0.00000				0			4
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0969	0.00000	0.00000				0			4
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	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			
108.01	Vitamin D3, LC, AOAC (KU / kg)	2023	0.00000	0.00000				0			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
109.02	Vitamin E, LC (IU/kg)	2023	3.0000	0.00000	6.6438	3.5740	0.88750	4	-1.02	27%	0
109.02	Vitamin E, LC (IU/kg)	2004	5.4350	0.15000	6.6438	3.5740	0.88750	4	-0.34	9%	0
109.02	Vitamin E, LC (IU/kg)	0227	6.6400	1.4000	6.6438	3.5740	0.88750	4	0.00	0%	0
109.02	Vitamin E, LC (IU/kg)	0969	11.500	2.0000	6.6438	3.5740	0.88750	4	1.36	37%	0
112.00	Pyridoxine, Vitamin B6 (µg / g)	0969	1.0000	0.00000				2			0
112.00	Pyridoxine, Vitamin B6 (µg / g)	2004	1.1500	0.14000				2			0
112.01	Pyridoxine, LC (µg / g)	0227	1.9450	1.5700				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0969	0.24500	0.01000				3			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	0.42300	0.01600				3			0
113.01	Folic Acid, Micro (mg / kg (ppm))	2004	243.00	10.000				3			0
114.01	Biotin, Microbiological (mg / kg (ppm))	2004	0.24500	0.00400				2			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0969	0.26500	0.01000				2			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.58000	0.00000	0.61163	0.02515	0.00698	5	-1.26	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.60500	0.01000	0.61163	0.02515	0.00698	5	-0.26	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2115	0.60900	0.00400	0.61163	0.02515	0.00698	5	-0.10	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.61415	0.00090	0.61163	0.02515	0.00698	5	0.10	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.65000	0.02000	0.61163	0.02515	0.00698	5	1.53	3%	0
120.01	Alanine, Pre-col OPA Der (%)	0970	0.52000	0.00200				3			0
120.01	Alanine, Pre-col OPA Der (%)	0969	0.57000	0.00000				3			0
120.01	Alanine, Pre-col OPA Der (%)	2004	0.60050	0.00700				3			0
120.02	Alanine, Post-col OPA Der (%)	2023	0.56500	0.01000				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.77890	0.01700	0.84318	0.03893	0.03820	5	-1.38	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.83500	0.01000	0.84318	0.03893	0.03820	5	-0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	0.86000	0.02000	0.84318	0.03893	0.03820	5	0.54	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2115	0.86700	0.11400	0.84318	0.03893	0.03820	5	0.70	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	0.87500	0.03000	0.84318	0.03893	0.03820	5	0.89	2%	0
121.01	Arginine, Pre-col OPA Der (%)	2004	0.91300	0.00400				3			0
121.01	Arginine, Pre-col OPA Der (%)	0970	0.92100	0.00400				3			0
121.01	Arginine, Pre-col OPA Der (%)	0969	0.92500	0.01000				3			0
121.02	Arginine, Post-col OPA Der (%)	2023	0.88000	0.02000				1			0
121.99	Arginine, Miscellaneous (%)	0160	0.99400	0.00800				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.0100	0.02000	1.0375	0.02201	0.01302	5	-1.25	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2115	1.0215	0.01100	1.0375	0.02201	0.01302	5	-0.73	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.0411	0.00410	1.0375	0.02201	0.01302	5	0.16	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.0500	0.02000	1.0375	0.02201	0.01302	5	0.57	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.0650	0.01000	1.0375	0.02201	0.01302	5	1.25	1%	0
122.01	Aspartic, Pre-col OPA Der (%)	0969	1.0100	0.00000				3			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
122.01	Aspartic, Pre-col OPA Der (%)	0970	1.0200	0.00000				3			0
122.01	Aspartic, Pre-col OPA Der (%)	2004	1.0250	0.01000				3			0
122.02	Aspartic, Post-col OPA Der (%)	2023	0.93000	0.02000				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.39825	0.00350	0.41055	0.01704	0.00330	5	-0.97	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.40000	0.00000	0.41055	0.01704	0.00330	5	-0.63	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.40500	0.01000	0.41055	0.01704	0.00330	5	0.36	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2115	0.40950	0.00300	0.41055	0.01704	0.00330	5	1.24	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.44000	0.00000	0.41055	0.01704	0.00330	5	7.23	5%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0970	0.34600	0.00400				3			0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0969	0.41000	0.00000				3			0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	2004	0.42500	0.03000				3			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.44500	0.01000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	2.6200	0.04000	2.6348	0.01394	0.02404	5	-1.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	2.6200	0.04000	2.6348	0.01394	0.02404	5	-1.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.6405	0.00720	2.6348	0.01394	0.02404	5	0.41	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2115	2.6435	0.01300	2.6348	0.01394	0.02404	5	0.62	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.6500	0.02000	2.6348	0.01394	0.02404	5	1.09	0%	0
125.01	Glutamic, Pre-col OPA Der (%)	0970	2.5550	0.01000				3			0
125.01	Glutamic, Pre-col OPA Der (%)	2004	2.5900	0.02000				3			0
125.01	Glutamic, Pre-col OPA Der (%)	0969	2.6150	0.01000				3			0
125.02	Glutamic, Post-col OPA Der (%)	2023	2.3850	0.05000				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.60000	0.02000	0.64588	0.02624	0.01496	5	-8.98	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.65000	0.04000	0.64588	0.02624	0.01496	5	-1.15	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2115	0.65500	0.00400	0.64588	0.02624	0.01496	5	-0.37	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.65940	0.00080	0.64588	0.02624	0.01496	5	0.32	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.66500	0.01000	0.64588	0.02624	0.01496	5	1.20	1%	0
126.01	Glycine, Pre-col OPA Der (%)	0969	0.57000	0.00000				3			0
126.01	Glycine, Pre-col OPA Der (%)	0970	0.63050	0.00300				3			0
126.01	Glycine, Pre-col OPA Der (%)	2004	0.64700	0.00200				3			0
126.02	Glycine, Post-col OPA Der (%)	2023	0.62500	0.01000				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.25965	0.00430	0.29353	0.02175	0.01926	5	-1.30	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2115	0.29300	0.00200	0.29353	0.02175	0.01926	5	0.04	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.29500	0.01000	0.29353	0.02175	0.01926	5	0.12	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.30000	0.06000	0.29353	0.02175	0.01926	5	0.33	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.32000	0.02000	0.29353	0.02175	0.01926	5	1.13	5%	0
127.01	Histidine, Pre-col OPA Der (%)	2004	0.26600	0.00200				3			0
127.01	Histidine, Pre-col OPA Der (%)	0969	0.27500	0.01000				3			0
127.01	Histidine, Pre-col OPA Der (%)	0970	0.29200	0.00200				3			0
127.02	Histidine, Post-col OPA Der (%)	2023	0.54500	0.01000				1			0
127.99	Histidine, Miscellaneous (%)	0160	0.32350	0.00100				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.41280	0.01920	0.46886	0.03632	0.01684	5	-1.54	6%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.45500	0.03000	0.46886	0.03632	0.01684	5	-0.38	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.48000	0.00000	0.46886	0.03632	0.01684	5	0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2115	0.49150	0.02500	0.46886	0.03632	0.01684	5	0.62	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.50500	0.01000	0.46886	0.03632	0.01684	5	0.99	4%	0
128.01	Isoleucine, Pre-col OPA Der (%)	0970	0.45600	0.00200				3			0
128.01	Isoleucine, Pre-col OPA Der (%)	2004	0.48450	0.02300				3			0
128.01	Isoleucine, Pre-col OPA Der (%)	0969	0.50500	0.01000				3			0
128.02	Isoleucine, Post-col OPA Der (%)	2023	0.46000	0.00000				1			0
128.99	Isoleucine, Miscellaneous (%)	0160	0.52450	0.04300				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	0.87435	0.00870	0.92567	0.03213	0.01294	5	-1.60	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	0.92000	0.02000	0.92567	0.03213	0.01294	5	-0.18	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2115	0.92900	0.00600	0.92567	0.03213	0.01294	5	0.10	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	0.95000	0.02000	0.92567	0.03213	0.01294	5	0.76	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	0.95500	0.01000	0.92567	0.03213	0.01294	5	0.91	2%	0
129.01	Leucine, Pre-col OPA Der (%)	0970	0.89500	0.00400				3			0
129.01	Leucine, Pre-col OPA Der (%)	2004	0.93250	0.00100				3			0
129.01	Leucine, Pre-col OPA Der (%)	0969	0.94500	0.01000				3			0
129.02	Leucine, Post-col OPA Der (%)	2023	0.89500	0.01000				1			0
129.99	Leucine, Miscellaneous (%)	0160	0.96250	0.07300				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.49000	0.02000	0.55236	0.05397	0.01312	5	-1.16	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.51030	0.00460	0.55236	0.05397	0.01312	5	-0.78	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2115	0.55150	0.00100	0.55236	0.05397	0.01312	5	-0.02	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.59000	0.02000	0.55236	0.05397	0.01312	5	0.70	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.62000	0.02000	0.55236	0.05397	0.01312	5	1.25	6%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0970	0.40500	0.01200				3			0
130.01	L-Lysine, Pre-col OPA Der (%)	0969	0.43500	0.01000				3			0
130.01	L-Lysine, Pre-col OPA Der (%)	2004	0.52500	0.00200				3			0
130.02	L-Lysine, Post-col OPA Der (%)	2023	0.63500	0.01000				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.21500	0.01000	0.22181	0.00800	0.00482	5	-0.85	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2115	0.21500	0.00400	0.22181	0.00800	0.00482	5	-0.85	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.22000	0.00000	0.22181	0.00800	0.00482	5	-0.23	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.22500	0.01000	0.22181	0.00800	0.00482	5	0.40	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.23405	0.00010	0.22181	0.00800	0.00482	5	1.53	3%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0970	0.19400	0.00000				3			0
131.01	Methionine, PAO Pre-col OPA Der (%)	2004	0.22200	0.00200				3			0
131.01	Methionine, PAO Pre-col OPA Der (%)	0969	0.25000	0.00000				3			0
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.21500	0.01000				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.60705	0.00990	0.66101	0.05053	0.00438	5	-1.07	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.64000	0.00000	0.66101	0.05053	0.00438	5	-0.42	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.65000	0.00000	0.66101	0.05053	0.00438	5	-0.22	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.66500	0.01000	0.66101	0.05053	0.00438	5	0.08	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2115	0.74300	0.00200	0.66101	0.05053	0.00438	5	1.62	6%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	0970	0.62850	0.00300				3			0
132.01	Phenylalanine, Pre-col OPA Der (%)	2004	0.64600	0.00600				3			0
132.01	Phenylalanine, Pre-col OPA Der (%)	0969	0.66500	0.01000				3			0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	0.61500	0.01000				1			0
132.99	Phenylalanine, Miscellaneous (%)	0160	0.65400	0.02600				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.64000	0.02000	0.67977	0.02694	0.01786	5	-1.48	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.66985	0.00930	0.67977	0.02694	0.01786	5	-0.37	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	0.68000	0.02000	0.67977	0.02694	0.01786	5	0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2115	0.70400	0.03000	0.67977	0.02694	0.01786	5	0.90	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	0.70500	0.01000	0.67977	0.02694	0.01786	5	0.94	2%	0
133.04	Proline, Pre-col FMOC Der (%)	2004	0.67950	0.00100				1			0
133.99	Proline, Miscellaneous (%)	0970	0.65350	0.03300				3			0
133.99	Proline, Miscellaneous (%)	0969	0.67000	0.00000				3			0
133.99	Proline, Miscellaneous (%)	2023	0.79500	0.01000				3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.57500	0.01000	0.63210	0.03689	0.01288	5	-1.55	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.62500	0.03000	0.63210	0.03689	0.01288	5	-0.19	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2115	0.63100	0.00800	0.63210	0.03689	0.01288	5	-0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.66450	0.00640	0.63210	0.03689	0.01288	5	0.88	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.66500	0.01000	0.63210	0.03689	0.01288	5	0.89	3%	0
134.01	Serine, Pre-col OPA Der (%)	0970	0.55650	0.01500				3			0
134.01	Serine, Pre-col OPA Der (%)	2004	0.61800	0.02000				3			0
134.01	Serine, Pre-col OPA Der (%)	0969	0.62000	0.00000				3			0
134.02	Serine, Post-col OPA Der (%)	2023	0.56500	0.01000				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.42500	0.01000	0.43474	0.00577	0.00452	5	-1.69	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.43500	0.01000	0.43474	0.00577	0.00452	5	0.05	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2115	0.43600	0.00200	0.43474	0.00577	0.00452	5	0.22	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.43770	0.00060	0.43474	0.00577	0.00452	5	0.51	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.44000	0.00000	0.43474	0.00577	0.00452	5	0.91	1%	0
135.01	Threonine, Pre-col OPA Der (%)	0970	0.38550	0.00700				3			0
135.01	Threonine, Pre-col OPA Der (%)	2004	0.43800	0.00600				3			0
135.01	Threonine, Pre-col OPA Der (%)	0969	0.44500	0.01000				3			0
135.02	Threonine, Post-col OPA Der (%)	2023	0.38500	0.01000				1			0
135.99	Threonine, Miscellaneous (%)	0160	0.45200	0.01800				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.16115	0.02590				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.20500	0.01000				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	2023	0.16500	0.01000				1			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.15500	0.01000	0.17938	0.01643	0.00375	4	-1.48	7%	0
136.99	Tryptophan, Miscellaneous (%)	0969	0.18450	0.00100	0.17938	0.01643	0.00375	4	0.31	1%	0
136.99	Tryptophan, Miscellaneous (%)	2004	0.18750	0.00100	0.17938	0.01643	0.00375	4	0.49	2%	0
136.99	Tryptophan, Miscellaneous (%)	0970	0.19050	0.00300	0.17938	0.01643	0.00375	4	0.68	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.21875	0.01230	0.37025	0.08819	0.01346	5	-6.67	23%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.38000	0.00000	0.37025	0.08819	0.01346	5	-0.99	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.40000	0.02000	0.37025	0.08819	0.01346	5	-0.29	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.40500	0.03000	0.37025	0.08819	0.01346	5	-0.11	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2115	0.44750	0.00500	0.37025	0.08819	0.01346	5	1.39	5%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0970	0.52250	0.00100				3			0
137.01	Tyrosine, Pre-col OPA Der (%)	2004	0.53250	0.00500				3			0
137.01	Tyrosine, Pre-col OPA Der (%)	0969	0.54000	0.00000				3			0
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.38000	0.00000				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	2115	0.04250	0.00100	0.53548	0.27738	0.01396	5	-16.93	47%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.62490	0.02880	0.53548	0.27738	0.01396	5	-0.93	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.63000	0.02000	0.53548	0.27738	0.01396	5	-0.79	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.68500	0.01000	0.53548	0.27738	0.01396	5	0.72	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.69500	0.01000	0.53548	0.27738	0.01396	5	1.00	3%	0
138.01	Valine, Pre-col OPA Der (%)	2004	0.65050	0.02500				2			0
138.01	Valine, Pre-col OPA Der (%)	0969	0.71000	0.00000				2			0
138.02	Valine, Post-col OPA Der (%)	2023	0.58500	0.01000				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.02000	0.00000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	2115	0.19750	0.00300				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0969	0.00000	0.00000				2			4
139.01	Taurine, Pre-col OPA Der (%)	2004	0.01115	0.00030				1			0
160.99	Fructose, Miscellaneous (%)	2004	0.02050	0.00820				1			0
160.99	Fructose, Miscellaneous (%)	0969	0.00000	0.00000				1			4
161.99	Galactose, Miscellaneous (%)	0969	0.00000	0.00000				0			4
161.99	Galactose, Miscellaneous (%)	2004	0.00000	0.00000				0			4
162.99	Glucose, Miscellaneous (%)	2004	0.01475	0.00290				1			0
162.99	Glucose, Miscellaneous (%)	0969	0.00000	0.00000				1			4
163.99	Lactose, Miscellaneous (%)	0969	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	2004	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	0969	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	2004	0.00000	0.00000				0			4
165.99	Sucrose, Miscellaneous (%)	0227	0.97500	0.09000	1.0640	0.05237	0.02800	5	-1.70	4%	0
165.99	Sucrose, Miscellaneous (%)	2004	1.0600	0.04000	1.0640	0.05237	0.02800	5	-0.08	0%	0
165.99	Sucrose, Miscellaneous (%)	2114	1.0850	0.01000	1.0640	0.05237	0.02800	5	0.40	1%	0
165.99	Sucrose, Miscellaneous (%)	0969	1.1000	0.00000	1.0640	0.05237	0.02800	5	0.69	2%	0
165.99	Sucrose, Miscellaneous (%)	0970	1.1000	0.00000	1.0640	0.05237	0.02800	5	0.69	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.44665	0.00010				1			0
400.99	Water activity, Miscellaneous (Units)	2083	0.46000	0.00000				1			0
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	0.01000	0.00000				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			
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	2124	0.04705	0.00590				1			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	0.12500	0.03000				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	0.01500	0.01000				1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.00500	0.01000				0			4
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	1.3000	0.20000				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	1.5700	0.02000				1			0
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	0.01255	0.00010				1			0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	2124	0.90950	0.00900				1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	2124	0.01100	0.00000				1			0
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	2124	0.07010	0.00120				1			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	2124	1.7890	0.01800				1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	2124	2.4075	0.01900				1			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	2124	0.07605	0.00010				1			0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-21:5), Miscellaneous (% (w/w))	2124	0.00000	0.00000				0			4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	2124	0.00000	0.00000				0			4
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, (w/w)	2114	0.07000	0.00000				0			3
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, (w/w)	2124	0.07600	0.00000				0			3
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, (w/w)	2058	0.08000	0.00000				0			3
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, (w/w)	2136	0.11000	0.00000				0			3
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, (w/w)	2114	2.2700	0.10000	2.7131	0.54347	0.04225	4	-0.82	8%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, (w/w)	2124	2.4075	0.01900	2.7131	0.54347	0.04225	4	-0.56	6%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, (w/w)	2058	2.6900	0.04000	2.7131	0.54347	0.04225	4	-0.04	0%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, (w/w)	2136	3.4850	0.01000	2.7131	0.54347	0.04225	4	1.42	14%	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.