

Pet Food Ingredient Scheme
Field Peas
Labs Reporting: 58
Methods Reported 266
Issue Date : 06/30/2019
Test Material Code # 201942
Method Proficiency Testing Report

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 (%)	0027	9.229	0.0070				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.245	0.0500				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.535	0.1318				3			0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.700	0.0000				2			0
001.03	Loss on Drying, Low temp. methods (%)	2124	9.780	0.0000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.440	0.0400	9.676	0.2932	0.0677	14	-4.22	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	9.085	0.0300	9.676	0.2932	0.0677	14	-2.02	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	9.300	0.0000	9.676	0.2932	0.0677	14	-1.28	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	9.564	0.0273	9.676	0.2932	0.0677	14	-0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	9.675	0.1700	9.676	0.2932	0.0677	14	0.00	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2273	9.700	0.0000	9.676	0.2932	0.0677	14	0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2156	9.735	0.1300	9.676	0.2932	0.0677	14	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2187	9.735	0.0700	9.676	0.2932	0.0677	14	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.795	0.0100	9.676	0.2932	0.0677	14	0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2252	9.815	0.0300	9.676	0.2932	0.0677	14	0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2219	9.825	0.1500	9.676	0.2932	0.0677	14	0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2220	9.860	0.1000	9.676	0.2932	0.0677	14	0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.870	0.1800	9.676	0.2932	0.0677	14	0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	10.23	0.0100	9.676	0.2932	0.0677	14	1.87	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.545	0.0900	9.262	0.4787	0.0906	9	-1.50	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.760	0.0600	9.262	0.4787	0.0906	9	-1.05	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2115	9.162	0.0050	9.262	0.4787	0.0906	9	-0.21	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	9.175	0.0700	9.262	0.4787	0.0906	9	-0.18	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	9.295	0.1700	9.262	0.4787	0.0906	9	0.07	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2250	9.365	0.0300	9.262	0.4787	0.0906	9	0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.450	0.1000	9.262	0.4787	0.0906	9	0.39	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	9.730	0.2600	9.262	0.4787	0.0906	9	0.98	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	9.875	0.0300	9.262	0.4787	0.0906	9	1.28	3%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0656	20.83	0.2600	21.44	0.4131	0.1578	6	-1.48	1%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0870	21.29	0.2770	21.44	0.4131	0.1578	6	-0.37	0%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0164	21.41	0.0600	21.44	0.4131	0.1578	6	-0.08	0%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0619	21.55	0.1000	21.44	0.4131	0.1578	6	0.26	0%	0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0914	21.71	0.2500	21.44	0.4131	0.1578	6	0.64	1%	0

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002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	21.87	0.0000	21.44	0.4131	0.1578	6	1.04	1%	0
002.04	Protein, Crude, Copper Catalyst (%)	0504	21.69	0.0700				2			0
002.04	Protein, Crude, Copper Catalyst (%)	2122	21.75	0.0000				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2115	21.23	0.0480				1			0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2184	19.93	0.2100	21.56	0.2075	0.1560	44	-7.88	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2250	20.75	0.1000	21.56	0.2075	0.1560	44	-3.90	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	20.96	0.1700	21.56	0.2075	0.1560	44	-2.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	20.98	0.4430	21.56	0.2075	0.1560	44	-2.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	21.22	0.1200	21.56	0.2075	0.1560	44	-1.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2219	21.29	0.2600	21.56	0.2075	0.1560	44	-1.30	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	21.30	0.1760	21.56	0.2075	0.1560	44	-1.27	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2016	21.34	0.0600	21.56	0.2075	0.1560	44	-1.06	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	21.35	0.0200	21.56	0.2075	0.1560	44	-1.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	21.42	0.0100	21.56	0.2075	0.1560	44	-0.70	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	21.44	0.3800	21.56	0.2075	0.1560	44	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	21.45	0.3000	21.56	0.2075	0.1560	44	-0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	21.49	0.1320	21.56	0.2075	0.1560	44	-0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0958	21.49	0.1200	21.56	0.2075	0.1560	44	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2124	21.49	0.0400	21.56	0.2075	0.1560	44	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	21.52	0.2600	21.56	0.2075	0.1560	44	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2187	21.52	0.0400	21.56	0.2075	0.1560	44	-0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	21.53	0.0100	21.56	0.2075	0.1560	44	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0417	21.53	0.2400	21.56	0.2075	0.1560	44	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	21.57	0.0700	21.56	0.2075	0.1560	44	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	21.57	0.0800	21.56	0.2075	0.1560	44	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2220	21.60	0.1300	21.56	0.2075	0.1560	44	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	21.60	0.2000	21.56	0.2075	0.1560	44	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	21.60	0.2000	21.56	0.2075	0.1560	44	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	21.60	0.0830	21.56	0.2075	0.1560	44	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	21.60	0.0710	21.56	0.2075	0.1560	44	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	21.62	0.2000	21.56	0.2075	0.1560	44	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	21.64	0.2300	21.56	0.2075	0.1560	44	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	21.64	0.1500	21.56	0.2075	0.1560	44	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	21.65	0.1000	21.56	0.2075	0.1560	44	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0554	21.68	0.1900	21.56	0.2075	0.1560	44	0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	21.68	0.1000	21.56	0.2075	0.1560	44	0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2252	21.68	0.3000	21.56	0.2075	0.1560	44	0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	21.69	0.2500	21.56	0.2075	0.1560	44	0.60	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2162	21.69	0.1200	21.56	0.2075	0.1560	44	0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0208	21.70	0.2000	21.56	0.2075	0.1560	44	0.67	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2207	21.73	0.3400	21.56	0.2075	0.1560	44	0.82	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	21.75	0.1000	21.56	0.2075	0.1560	44	0.91	0%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2156	21.75	0.0400	21.56	0.2075	0.1560	44	0.91	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2033	21.76	0.0700	21.56	0.2075	0.1560	44	0.94	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	21.96	0.2780	21.56	0.2075	0.1560	44	1.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0656	21.99	0.1000	21.56	0.2075	0.1560	44	2.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	22.03	0.0900	21.56	0.2075	0.1560	44	2.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	22.11	0.0800	21.56	0.2075	0.1560	44	2.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	21.44	0.7140	21.56	0.2075	0.1560	44	-0.56	0%	1
002.08	Protein, Crude, Cu/Ti (%)	0098	21.56	0.0300				1			0
002.10	Protein, Crude, Block dig/distillation (%)	2273	21.47	0.0200				1			0
002.11	Protein, Crude, NIR (%)	0553	19.63	0.1500				1			0
002.99	Protein, Crude, Miscellaneous (%)	2165	21.29	0.0000				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2115	1.373	0.0130				2			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	1.494	0.6025				2			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	1.085	0.3100				1			0
003.06	Fat, Crude, Pet Ether (%)	2033	1.020	0.0400	1.626	0.4660	0.1275	4			0
003.06	Fat, Crude, Pet Ether (%)	0656	1.640	0.2400	1.626	0.4660	0.1275	4			0
003.06	Fat, Crude, Pet Ether (%)	0918	1.690	0.1800	1.626	0.4660	0.1275	4			0
003.06	Fat, Crude, Pet Ether (%)	2273	2.155	0.0500	1.626	0.4660	0.1275	4			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	1.520	0.0800				3			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	1.600	0.0000				3			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	1.711	0.0732				3			0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	1.000	0.0400	1.328	0.1543	0.0270	10	-2.12	12%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0051	1.200	0.0000	1.328	0.1543	0.0270	10	-0.83	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	1.250	0.0000	1.328	0.1543	0.0270	10	-0.50	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2162	1.255	0.0100	1.328	0.1543	0.0270	10	-0.47	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0553	1.275	0.0100	1.328	0.1543	0.0270	10	-0.34	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	1.378	0.0530	1.328	0.1543	0.0270	10	0.32	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	1.380	0.0400	1.328	0.1543	0.0270	10	0.34	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	1.412	0.0172	1.328	0.1543	0.0270	10	0.55	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	1.510	0.1000	1.328	0.1543	0.0270	10	1.18	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	1.520	0.0000	1.328	0.1543	0.0270	10	1.25	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	2.960	2.200	1.328	0.1543	0.0270	10	10.58	61%	1
003.11	Fat, Crude, NIR (%)	0553	2.025	0.0100				1			0
003.12	Fat, Crude, Hexane Ext (%)	0171	1.415	0.0100				1			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	1.585	0.2500				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	1.604	0.0619				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	1.650	0.0600				3			0
003.14	Fat, Crude, Ankom (%)	0202	1.011	0.3180	1.475	0.3118	0.1346	9	-1.49	16%	0
003.14	Fat, Crude, Ankom (%)	0511	1.245	0.0500	1.475	0.3118	0.1346	9	-0.74	8%	0
003.14	Fat, Crude, Ankom (%)	0876	1.385	0.0300	1.475	0.3118	0.1346	9	-0.29	3%	0
003.14	Fat, Crude, Ankom (%)	0019	1.395	0.1100	1.475	0.3118	0.1346	9	-0.26	3%	0
003.14	Fat, Crude, Ankom (%)	2207	1.450	0.4200	1.475	0.3118	0.1346	9	-0.08	1%	0

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003.14	Fat, Crude, Ankom (%)	0407	1.520	0.0534	1.475	0.3118	0.1346	9	0.14	2%	0
003.14	Fat, Crude, Ankom (%)	0529	1.525	0.0700	1.475	0.3118	0.1346	9	0.16	2%	0
003.14	Fat, Crude, Ankom (%)	0171	1.820	0.0400	1.475	0.3118	0.1346	9	1.11	12%	0
003.14	Fat, Crude, Ankom (%)	0619	1.920	0.1200	1.475	0.3118	0.1346	9	1.43	15%	0
003.99	Fat, Crude, Miscellaneous (%)	0880	1.800	1.200				2			0
003.99	Fat, Crude, Miscellaneous (%)	2250	1.845	0.1300				2			0
004.00	Fiber, Crude, Asbestos Free (%)	2165	5.070	0.0000	5.409	0.2389	0.1244	6	-1.42	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	5.305	0.0100	5.409	0.2389	0.1244	6	-0.44	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	5.400	0.2000	5.409	0.2389	0.1244	6	-0.04	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	5.475	0.3700	5.409	0.2389	0.1244	6	0.28	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	5.509	0.0564	5.409	0.2389	0.1244	6	0.42	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	5.695	0.1100	5.409	0.2389	0.1244	6	1.20	3%	0
004.03	Fiber, Crude, Fritted Glass (%)	2089	4.570	0.1000				1			0
004.06	Fiber, Crude, Fibertec (%)	0918	5.465	0.0100				3			0
004.06	Fiber, Crude, Fibertec (%)	2115	5.569	0.1360				3			0
004.06	Fiber, Crude, Fibertec (%)	0676	5.965	0.5300				3			0
004.07	Fiber, Crude, ANKOM (%)	0202	3.890	0.3890	5.330	0.6187	0.2869	18	-2.33	14%	0
004.07	Fiber, Crude, ANKOM (%)	0510	4.140	0.0400	5.330	0.6187	0.2869	18	-1.92	11%	0
004.07	Fiber, Crude, ANKOM (%)	0656	4.745	0.8500	5.330	0.6187	0.2869	18	-0.95	5%	0
004.07	Fiber, Crude, ANKOM (%)	0019	4.760	0.0400	5.330	0.6187	0.2869	18	-0.92	5%	0
004.07	Fiber, Crude, ANKOM (%)	0042	4.975	0.0700	5.330	0.6187	0.2869	18	-0.57	3%	0
004.07	Fiber, Crude, ANKOM (%)	0619	5.090	0.0200	5.330	0.6187	0.2869	18	-0.39	2%	0
004.07	Fiber, Crude, ANKOM (%)	0554	5.190	0.0200	5.330	0.6187	0.2869	18	-0.23	1%	0
004.07	Fiber, Crude, ANKOM (%)	0242	5.235	0.0100	5.330	0.6187	0.2869	18	-0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0074	5.310	0.5200	5.330	0.6187	0.2869	18	-0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0870	5.373	0.3611	5.330	0.6187	0.2869	18	0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	2207	5.420	0.3000	5.330	0.6187	0.2869	18	0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0034	5.495	0.5300	5.330	0.6187	0.2869	18	0.27	2%	0
004.07	Fiber, Crude, ANKOM (%)	0407	5.666	0.3545	5.330	0.6187	0.2869	18	0.54	3%	0
004.07	Fiber, Crude, ANKOM (%)	0511	5.750	0.1000	5.330	0.6187	0.2869	18	0.68	4%	0
004.07	Fiber, Crude, ANKOM (%)	0529	5.830	0.0800	5.330	0.6187	0.2869	18	0.81	5%	0
004.07	Fiber, Crude, ANKOM (%)	2124	5.835	0.0700	5.330	0.6187	0.2869	18	0.82	5%	0
004.07	Fiber, Crude, ANKOM (%)	0876	6.205	1.210	5.330	0.6187	0.2869	18	1.41	8%	0
004.07	Fiber, Crude, ANKOM (%)	2033	6.300	0.2000	5.330	0.6187	0.2869	18	1.57	9%	0
004.11	Fiber, Crude, NIR (%)	0553	2.350	0.0800				1			0
004.99	Fiber, Crude, Miscellaneous (%)	2273	5.100	0.2000				1			0
005.00	Ash, 2h @ 600°C (%)	2184	2.105	0.0500	2.499	0.1233	0.1187	41	-3.19	8%	0
005.00	Ash, 2h @ 600°C (%)	0957	2.265	0.3100	2.499	0.1233	0.1187	41	-1.89	5%	0
005.00	Ash, 2h @ 600°C (%)	0510	2.290	0.0000	2.499	0.1233	0.1187	41	-1.69	4%	0
005.00	Ash, 2h @ 600°C (%)	0027	2.365	0.0290	2.499	0.1233	0.1187	41	-1.09	3%	0
005.00	Ash, 2h @ 600°C (%)	2220	2.370	0.1400	2.499	0.1233	0.1187	41	-1.04	3%	0
005.00	Ash, 2h @ 600°C (%)	2016	2.390	0.1000	2.499	0.1233	0.1187	41	-0.88	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 (%)	0407	2.398	0.0227	2.499	0.1233	0.1187	41	-0.82	2%	0
005.00	Ash, 2h @ 600°C (%)	2252	2.405	0.0100	2.499	0.1233	0.1187	41	-0.76	2%	0
005.00	Ash, 2h @ 600°C (%)	0417	2.410	0.3400	2.499	0.1233	0.1187	41	-0.72	2%	0
005.00	Ash, 2h @ 600°C (%)	0034	2.414	0.1900	2.499	0.1233	0.1187	41	-0.69	2%	0
005.00	Ash, 2h @ 600°C (%)	0001	2.424	0.0128	2.499	0.1233	0.1187	41	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0511	2.425	0.1100	2.499	0.1233	0.1187	41	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0914	2.435	0.0500	2.499	0.1233	0.1187	41	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0958	2.435	0.0300	2.499	0.1233	0.1187	41	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	2162	2.440	0.0000	2.499	0.1233	0.1187	41	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	2.440	0.1000	2.499	0.1233	0.1187	41	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	2.441	0.0905	2.499	0.1233	0.1187	41	-0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0656	2.455	0.0700	2.499	0.1233	0.1187	41	-0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	2.460	0.1800	2.499	0.1233	0.1187	41	-0.31	1%	0
005.00	Ash, 2h @ 600°C (%)	2124	2.480	0.0000	2.499	0.1233	0.1187	41	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	2.485	0.0300	2.499	0.1233	0.1187	41	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	2156	2.495	0.3100	2.499	0.1233	0.1187	41	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	2033	2.500	0.0000	2.499	0.1233	0.1187	41	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0309	2.520	0.0200	2.499	0.1233	0.1187	41	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	2.520	0.0400	2.499	0.1233	0.1187	41	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	2.525	0.0500	2.499	0.1233	0.1187	41	0.21	1%	0
005.00	Ash, 2h @ 600°C (%)	0051	2.550	0.3000	2.499	0.1233	0.1187	41	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	2219	2.550	0.2000	2.499	0.1233	0.1187	41	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	2207	2.560	0.0200	2.499	0.1233	0.1187	41	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	2.560	0.1200	2.499	0.1233	0.1187	41	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	2.570	0.0200	2.499	0.1233	0.1187	41	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	2.585	0.3100	2.499	0.1233	0.1187	41	0.70	2%	0
005.00	Ash, 2h @ 600°C (%)	0529	2.600	0.1000	2.499	0.1233	0.1187	41	0.82	2%	0
005.00	Ash, 2h @ 600°C (%)	0554	2.610	0.0400	2.499	0.1233	0.1187	41	0.90	2%	0
005.00	Ash, 2h @ 600°C (%)	0553	2.620	0.2400	2.499	0.1233	0.1187	41	0.98	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	2.665	0.1300	2.499	0.1233	0.1187	41	1.35	3%	0
005.00	Ash, 2h @ 600°C (%)	2115	2.670	0.0400	2.499	0.1233	0.1187	41	1.39	3%	0
005.00	Ash, 2h @ 600°C (%)	0164	2.680	0.2800	2.499	0.1233	0.1187	41	1.47	4%	0
005.00	Ash, 2h @ 600°C (%)	0019	2.750	0.5000	2.499	0.1233	0.1187	41	2.04	5%	0
005.00	Ash, 2h @ 600°C (%)	0242	2.840	0.0800	2.499	0.1233	0.1187	41	2.77	7%	0
005.00	Ash, 2h @ 600°C (%)	0047	3.000	0.2000	2.499	0.1233	0.1187	41	4.07	10%	0
005.00	Ash, 2h @ 600°C (%)	0880	2.520	0.6600	2.499	0.1233	0.1187	41	0.17	0%	1
005.03	Ash, Microwave furnace (%)	2187	2.575	0.0300				1			0
005.05	Ash, 3h @ 550°C (%)	0619	2.665	0.0500				3			0
005.05	Ash, 3h @ 550°C (%)	2273	2.690	0.0200				3			0
005.05	Ash, 3h @ 550°C (%)	0889	15.41	0.0900				3			0
005.99	Ash, Miscellaneous (%)	0202	2.366	0.0760				3			0
005.99	Ash, Miscellaneous (%)	2250	2.465	0.0500				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			
005.99	Ash, Miscellaneous (%)	0676	2.710	0.0000				3			0
006.00	Total Sugars, As sucrose (%)	0407	7.042	1.223				1			0
006.99	Total Sugars, Miscellaneous (%)	0656	3.155	0.1300				1			0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	5.540	0.0000	6.727	0.8470	0.2199	4			0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	6.720	0.5000	6.727	0.8470	0.2199	4			0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	7.204	0.1057	6.727	0.8470	0.2199	4			0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	7.445	0.2740	6.727	0.8470	0.2199	4			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	6.180	0.1600	7.004	0.6239	0.2653	7	-1.32	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	6.620	0.1200	7.004	0.6239	0.2653	7	-0.61	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	6.673	0.4482	7.004	0.6239	0.2653	7	-0.53	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2115	6.930	0.5400	7.004	0.6239	0.2653	7	-0.12	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	7.470	0.0000	7.004	0.6239	0.2653	7	0.75	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	7.550	0.3000	7.004	0.6239	0.2653	7	0.88	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	7.603	0.2891	7.004	0.6239	0.2653	7	0.96	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	9.505	4.438	7.004	0.6239	0.2653	7	4.01	18%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0511	7.200	0.2000				1			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	9.565	0.0500				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	11.01	0.0200				3			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	11.41	0.5722				3			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0964	12.41	0.0550				3			0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	9.112	0.3803	12.89	4.520	0.3468	8	-0.84	15%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	9.928	0.1325	12.89	4.520	0.3468	8	-0.66	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0001	10.02	0.3400	12.89	4.520	0.3468	8	-0.64	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	10.89	0.2000	12.89	4.520	0.3468	8	-0.44	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	11.00	0.8000	12.89	4.520	0.3468	8	-0.42	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	14.91	0.6314	12.89	4.520	0.3468	8	0.45	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	17.61	0.0000	12.89	4.520	0.3468	8	1.04	18%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2115	22.79	0.2900	12.89	4.520	0.3468	8	2.19	38%	0
010.03	Moisture, Karl-Fischer (%)	0164	10.34	0.4200				1			0
010.99	Moisture, Miscellaneous (%)	0964	9.360	0.0450				3			0
010.99	Moisture, Miscellaneous (%)	2089	9.595	0.0900				3			0
010.99	Moisture, Miscellaneous (%)	0914	10.34	0.0100				3			0
011.01	Loss on Drying, 135°C 2hr (%)	0880	8.725	0.1900	10.09	0.2398	0.1119	22	-5.69	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	2207	9.125	0.0500	10.09	0.2398	0.1119	22	-4.02	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	9.420	0.2200	10.09	0.2398	0.1119	22	-2.79	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	9.845	0.1700	10.09	0.2398	0.1119	22	-1.02	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2016	9.945	0.3700	10.09	0.2398	0.1119	22	-0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	9.950	0.1000	10.09	0.2398	0.1119	22	-0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.955	0.1900	10.09	0.2398	0.1119	22	-0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	9.985	0.0300	10.09	0.2398	0.1119	22	-0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	10.02	0.1600	10.09	0.2398	0.1119	22	-0.29	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2033	10.10	0.0400	10.09	0.2398	0.1119	22	0.05	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	0957	10.12	0.4000	10.09	0.2398	0.1119	22	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.14	0.0800	10.09	0.2398	0.1119	22	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2162	10.15	0.0300	10.09	0.2398	0.1119	22	0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.19	0.0129	10.09	0.2398	0.1119	22	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2184	10.20	0.0500	10.09	0.2398	0.1119	22	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.23	0.0700	10.09	0.2398	0.1119	22	0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.24	0.0100	10.09	0.2398	0.1119	22	0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	10.24	0.1046	10.09	0.2398	0.1119	22	0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.30	0.0000	10.09	0.2398	0.1119	22	0.88	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	10.34	0.0300	10.09	0.2398	0.1119	22	1.03	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	10.39	0.1240	10.09	0.2398	0.1119	22	1.27	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0958	10.53	0.0300	10.09	0.2398	0.1119	22	1.82	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	9.710	0.6600	10.09	0.2398	0.1119	22	-1.58	2%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0554	8.665	0.4300				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0417	9.635	0.4300				2			0
012.00	Starch, Polarimetric (Ewers) (%)	0619	44.20	0.2000				2			0
012.00	Starch, Polarimetric (Ewers) (%)	0164	47.00	0.4000				2			0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	29.78	1.551	37.63	5.471	0.9313	4			0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	38.19	0.1400	37.63	5.471	0.9313	4			0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	40.50	0.6000	37.63	5.471	0.9313	4			0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	42.06	1.434	37.63	5.471	0.9313	4			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0656	3.155	0.1300				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0889	28.08	0.0300				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	42.13	0.0457				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0510	44.60	1.000				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	2.043	0.1309	2.377	0.2579	0.2230	9	-1.29	7%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2156	2.155	0.1100	2.377	0.2579	0.2230	9	-0.86	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2187	2.175	0.3100	2.377	0.2579	0.2230	9	-0.78	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2220	2.285	0.0700	2.377	0.2579	0.2230	9	-0.36	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	2.405	0.0300	2.377	0.2579	0.2230	9	0.11	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2219	2.445	0.1500	2.377	0.2579	0.2230	9	0.26	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2016	2.550	0.6400	2.377	0.2579	0.2230	9	0.67	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2252	2.640	0.0400	2.377	0.2579	0.2230	9	1.02	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	2.692	0.5260	2.377	0.2579	0.2230	9	1.22	7%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0208	1.955	0.0700	2.419	0.3680	0.1606	12	-1.26	10%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0957	1.995	0.2300	2.419	0.3680	0.1606	12	-1.15	9%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0914	2.090	0.0800	2.419	0.3680	0.1606	12	-0.89	7%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0650	2.160	0.1000	2.419	0.3680	0.1606	12	-0.70	5%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0958	2.310	0.0800	2.419	0.3680	0.1606	12	-0.30	2%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0098	2.375	0.1300	2.419	0.3680	0.1606	12	-0.12	1%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0553	2.505	0.3100	2.419	0.3680	0.1606	12	0.23	2%	0
013.02	Fat, Acid Pretreat, Mojonniier, Bak Ext (%)	0407	2.588	0.1463	2.419	0.3680	0.1606	12	0.46	3%	0

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013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	2.620	0.1662	2.419	0.3680	0.1606	12	0.55	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	2.700	0.1800	2.419	0.3680	0.1606	12	0.76	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0001	2.757	0.2341	2.419	0.3680	0.1606	12	0.92	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	3.180	0.2000	2.419	0.3680	0.1606	12	2.07	16%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0554	1.290	0.0800				3			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2162	1.935	0.0900				3			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2124	1.985	0.0900				3			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	2.744	0.8582				2			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0042	3.565	0.2900				2			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	17.00	0.0000				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0407	17.19	1.176				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	28.00	0.9600				3			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	15.33	0.2375				2			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	18.00	0.0000				2			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	24.05	2.700				2			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0015	24.19	1.650				2			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0407	7.874	0.0589				1			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	7.660	0.0600				2			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	8.000	0.0000				2			0
017.53	Boron, ICP-MS, Microwave (mg / kg (ppm))	0553	11.25	1.500				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2115	0.0985	0.0050				1			0
019.31	Calcium, AAS, Dry ash (%)	0529	0.0200	0.0000				3			0
019.31	Calcium, AAS, Dry ash (%)	0656	0.0750	0.0100				3			0
019.31	Calcium, AAS, Dry ash (%)	0001	0.0961	0.0024				3			0
019.32	Calcium, AAS, Open vessel (%)	0504	0.0995	0.0050				1			0
019.33	Calcium, AAS, Microwave (%)	0504	0.0724	0.0067				1			0
019.41	Calcium, ICP, Dry ash (%)	0019	0.0800	0.0000	0.0922	0.0035	0.0026	9	-3.43	7%	0
019.41	Calcium, ICP, Dry ash (%)	0164	0.0896	0.0052	0.0922	0.0035	0.0026	9	-0.72	1%	0
019.41	Calcium, ICP, Dry ash (%)	0051	0.0900	0.0000	0.0922	0.0035	0.0026	9	-0.61	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	0.0905	0.0030	0.0922	0.0035	0.0026	9	-0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	0.0920	0.0000	0.0922	0.0035	0.0026	9	-0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0098	0.0944	0.0001	0.0922	0.0035	0.0026	9	0.62	1%	0
019.41	Calcium, ICP, Dry ash (%)	0511	0.0950	0.0100	0.0922	0.0035	0.0026	9	0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.0955	0.0030	0.0922	0.0035	0.0026	9	0.94	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.0956	0.0024	0.0922	0.0035	0.0026	9	0.97	2%	0
019.42	Calcium, ICP, Open vessel (%)	2207	0.0800	0.0000	0.0860	0.0054	0.0043	4			0
019.42	Calcium, ICP, Open vessel (%)	2250	0.0850	0.0100	0.0860	0.0054	0.0043	4			0
019.42	Calcium, ICP, Open vessel (%)	0870	0.0862	0.0011	0.0860	0.0054	0.0043	4			0
019.42	Calcium, ICP, Open vessel (%)	0504	0.0930	0.0060	0.0860	0.0054	0.0043	4			0
019.43	Calcium, ICP, Microwave (%)	2089	0.0500	0.0200	0.0937	0.0104	0.0066	9	-4.22	23%	0
019.43	Calcium, ICP, Microwave (%)	2187	0.0871	0.0040	0.0937	0.0104	0.0066	9	-0.64	4%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.0900	0.0000	0.0937	0.0104	0.0066	9	-0.36	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0918	0.0905	0.0010	0.0937	0.0104	0.0066	9	-0.31	2%	0
019.43	Calcium, ICP, Microwave (%)	0042	0.0940	0.0080	0.0937	0.0104	0.0066	9	0.03	0%	0
019.43	Calcium, ICP, Microwave (%)	2124	0.0945	0.0050	0.0937	0.0104	0.0066	9	0.08	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	0.0949	0.0045	0.0937	0.0104	0.0066	9	0.11	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.1050	0.0100	0.0937	0.0104	0.0066	9	1.09	6%	0
019.43	Calcium, ICP, Microwave (%)	0202	0.1105	0.0070	0.0937	0.0104	0.0066	9	1.62	9%	0
019.44	Calcium, ICP, Dry ash (%)	2156	0.0900	0.0040				3			0
019.44	Calcium, ICP, Dry ash (%)	2219	0.0900	0.0000				3			0
019.44	Calcium, ICP, Dry ash (%)	2252	0.0900	0.0020				3			0
019.44	Calcium, ICP, Dry ash (%)	2220	0.0890	0.0020				3			2
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.1050	0.0100				1			0
019.53	Calcium, ICP-MS, Microwave (%)	2273	0.0842	0.0008				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0015	0.0900	0.0000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	0.0925	0.0010				3			0
019.99	Calcium, Miscellaneous (%)	0676	0.0500	0.0000				3			0
019.99	Calcium, Miscellaneous (%)	0619	0.0905	0.0030				3			0
019.99	Calcium, Miscellaneous (%)	0242	0.1000	0.0000				3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	0.8500	0.1000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	0.8435	0.0010				2			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0407	0.9561	0.0235				2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0504	0.8755	0.5630				1			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	2250	< 0.5					1			5
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	0.8100	0.0000				1			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	2207	0.2450	0.0100				2			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.4500	0.0000				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.2126	0.0059				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	0.7030	0.0720				2			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2115	7.549	0.4500				3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	9.600	0.0000				3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0656	20.20	0.0000				3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	5.814	0.9150				1			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	5.500	1.000	6.585	0.5253	0.3559	9	-2.06	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	6.250	0.5000	6.585	0.5253	0.3559	9	-0.64	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0051	6.380	0.0800	6.585	0.5253	0.3559	9	-0.39	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	6.441	0.1781	6.585	0.5253	0.3559	9	-0.27	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	6.500	1.000	6.585	0.5253	0.3559	9	-0.16	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	6.556	0.2450	6.585	0.5253	0.3559	9	-0.06	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	6.890	0.1400	6.585	0.5253	0.3559	9	0.58	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	7.220	0.0400	6.585	0.5253	0.3559	9	1.21	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	7.230	0.0200	6.585	0.5253	0.3559	9	1.23	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2207	6.000	0.0000	6.491	0.4119	0.2558	4			0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2250	6.345	0.1500	6.491	0.4119	0.2558	4			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			
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	6.661	0.3840	6.491	0.4119	0.2558	4			0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0504	6.958	0.4890	6.491	0.4119	0.2558	4			0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	6.000	0.0000	6.973	0.9675	0.3900	9	-1.01	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0042	6.075	0.7300	6.973	0.9675	0.3900	9	-0.93	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	6.125	0.2300	6.973	0.9675	0.3900	9	-0.88	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	6.675	0.4812	6.973	0.9675	0.3900	9	-0.31	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	6.805	0.4100	6.973	0.9675	0.3900	9	-0.17	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2124	7.330	0.2800	6.973	0.9675	0.3900	9	0.37	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	7.495	0.3300	6.973	0.9675	0.3900	9	0.54	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	7.827	0.5290	6.973	0.9675	0.3900	9	0.88	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	12.53	0.5200	6.973	0.9675	0.3900	9	5.74	40%	0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	9.190	0.0800				1			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0914	5.513	0.2070	6.866	1.631	0.5368	4			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2273	6.205	0.0300	6.866	1.631	0.5368	4			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	6.515	0.4900	6.866	1.631	0.5368	4			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0015	9.230	1.420	6.866	1.631	0.5368	4			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0619	6.275	0.1100				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	7.500	1.000				2			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0001	59.39	3.800	73.58	14.04	4.485	4			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0656	68.91	8.340	73.58	14.04	4.485	4			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	73.25	0.7000	73.58	14.04	4.485	4			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2115	92.77	5.100	73.58	14.04	4.485	4			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	56.14	1.630				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	63.50	3.000	68.86	5.119	2.335	9	-1.05	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0051	64.00	2.000	68.86	5.119	2.335	9	-0.95	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	65.08	1.540	68.86	5.119	2.335	9	-0.74	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	67.85	2.170	68.86	5.119	2.335	9	-0.20	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	68.64	0.7772	68.86	5.119	2.335	9	-0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	69.00	4.000	68.86	5.119	2.335	9	0.03	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	70.50	1.000	68.86	5.119	2.335	9	0.32	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	74.66	6.370	68.86	5.119	2.335	9	1.13	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	81.73	0.1600	68.86	5.119	2.335	9	2.51	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2207	60.50	3.000	65.99	4.057	2.728	4			0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2250	65.75	0.9000	65.99	4.057	2.728	4			0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	67.67	3.020	65.99	4.057	2.728	4			0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0504	70.04	3.990	65.99	4.057	2.728	4			0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2124	63.09	1.590	74.46	11.76	5.634	6	-0.97	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	68.50	1.000	74.46	11.76	5.634	6	-0.51	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	68.96	1.740	74.46	11.76	5.634	6	-0.47	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0027	73.41	9.956	74.46	11.76	5.634	6	-0.09	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	81.11	8.320	74.46	11.76	5.634	6	0.57	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0042	91.70	11.20	74.46	11.76	5.634	6	1.47	12%	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			
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	69.09	4.820				1			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2273	63.70	1.680				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	67.40	2.000				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0015	69.91	2.570				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0619	66.30	4.800				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	75.00	2.000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.1100	0.0000	0.1152	0.0041	0.0029	4			0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.1153	0.0085	0.1152	0.0041	0.0029	4			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.1155	0.0030	0.1152	0.0041	0.0029	4			0
027.31	Magnesium, AAS, Dry ash (%)	2115	0.1200	0.0000	0.1152	0.0041	0.0029	4			0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.1123	0.0019				1			0
027.33	Magnesium, AAS, Microwave (%)	0504	0.0744	0.0177				1			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.1051	0.0006	0.1115	0.0026	0.0011	8	-2.51	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.1100	0.0000	0.1115	0.0026	0.0011	8	-0.59	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.1100	0.0000	0.1115	0.0026	0.0011	8	-0.59	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.1110	0.0011	0.1115	0.0026	0.0011	8	-0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.1125	0.0010	0.1115	0.0026	0.0011	8	0.38	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.1130	0.0020	0.1115	0.0026	0.0011	8	0.58	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.1135	0.0030	0.1115	0.0026	0.0011	8	0.78	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.1145	0.0010	0.1115	0.0026	0.0011	8	1.17	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.1150	0.0100	0.1115	0.0026	0.0011	8	1.36	2%	1
027.42	Magnesium, ICP, Open vessel (%)	0870	0.1047	0.0043	0.1093	0.0033	0.0018	4			0
027.42	Magnesium, ICP, Open vessel (%)	2207	0.1100	0.0000	0.1093	0.0033	0.0018	4			0
027.42	Magnesium, ICP, Open vessel (%)	2250	0.1100	0.0000	0.1093	0.0033	0.0018	4			0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.1125	0.0030	0.1093	0.0033	0.0018	4			0
027.43	Magnesium, ICP, Microwave (%)	0918	0.1050	0.0000	0.1138	0.0061	0.0030	10	-1.43	4%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.1100	0.0000	0.1138	0.0061	0.0030	10	-0.62	2%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.1100	0.0000	0.1138	0.0061	0.0030	10	-0.62	2%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.1105	0.0010	0.1138	0.0061	0.0030	10	-0.54	1%	0
027.43	Magnesium, ICP, Microwave (%)	0042	0.1125	0.0210	0.1138	0.0061	0.0030	10	-0.21	1%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.1125	0.0050	0.1138	0.0061	0.0030	10	-0.21	1%	0
027.43	Magnesium, ICP, Microwave (%)	2124	0.1175	0.0010	0.1138	0.0061	0.0030	10	0.60	2%	0
027.43	Magnesium, ICP, Microwave (%)	2187	0.1183	0.0008	0.1138	0.0061	0.0030	10	0.73	2%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.1188	0.0007	0.1138	0.0061	0.0030	10	0.80	2%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.1300	0.0000	0.1138	0.0061	0.0030	10	2.64	7%	0
027.43	Magnesium, ICP, Microwave (%)	0914	0.0677	0.1062	0.1138	0.0061	0.0030	10	-7.51	20%	1
027.44	Magnesium, ICP, Dry ash (%)	2219	0.1075	0.0010	0.1081	0.0008	0.0028	4			0
027.44	Magnesium, ICP, Dry ash (%)	2220	0.1075	0.0050	0.1081	0.0008	0.0028	4			0
027.44	Magnesium, ICP, Dry ash (%)	2252	0.1085	0.0030	0.1081	0.0008	0.0028	4			0
027.44	Magnesium, ICP, Dry ash (%)	2156	0.1090	0.0020	0.1081	0.0008	0.0028	4			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.1200	0.0000				1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0015	0.1050	0.0100				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			
027.53	Magnesium, ICP-MS, Microwave (%)	2273	0.1051	0.0000				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.1180	0.0060				3			0
027.99	Magnesium, Miscellaneous (%)	0619	0.1170	0.0020				2			0
027.99	Magnesium, Miscellaneous (%)	0242	0.1200	0.0000				2			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0656	11.88	1.310				3			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2115	12.12	0.0400				3			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	13.00	0.0000				3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	10.01	0.6920				1			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	5.563	1.894				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	10.00	0.0000	12.09	0.9592	0.3166	9	-2.18	9%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0051	11.69	0.2300	12.09	0.9592	0.3166	9	-0.42	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	11.82	0.1400	12.09	0.9592	0.3166	9	-0.28	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	11.85	0.1393	12.09	0.9592	0.3166	9	-0.25	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	12.00	0.0000	12.09	0.9592	0.3166	9	-0.10	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	12.00	0.0000	12.09	0.9592	0.3166	9	-0.10	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	12.06	0.0100	12.09	0.9592	0.3166	9	-0.04	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	13.23	0.9800	12.09	0.9592	0.3166	9	1.19	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	13.63	1.350	12.09	0.9592	0.3166	9	1.60	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0504	11.59	0.3900	11.75	0.1896	0.1400	4			0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	11.63	0.1700	11.75	0.1896	0.1400	4			0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2250	11.80	0.0000	11.75	0.1896	0.1400	4			0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2207	12.00	0.0000	11.75	0.1896	0.1400	4			0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	11.00	0.0000	13.58	2.357	0.9057	9	-1.10	10%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	11.70	0.0700	13.58	2.357	0.9057	9	-0.80	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	12.42	0.4090	13.58	2.357	0.9057	9	-0.49	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2124	12.65	0.0100	13.58	2.357	0.9057	9	-0.40	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	12.72	2.102	13.58	2.357	0.9057	9	-0.37	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0042	13.30	0.4000	13.58	2.357	0.9057	9	-0.12	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	15.49	1.660	13.58	2.357	0.9057	9	0.81	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	15.85	0.3600	13.58	2.357	0.9057	9	0.96	8%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	17.93	3.140	13.58	2.357	0.9057	9	1.84	16%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	19.40	0.0700				1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0015	11.59	0.4000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2273	11.97	0.0300				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	13.40	2.800				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2114	11.46	0.0600				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0619	11.90	0.4000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	13.00	0.0000				3			0
031.01	Phosphorus, Photometric (%)	0511	0.2500	0.0000	0.2634	0.0101	0.0047	9	-1.32	3%	0
031.01	Phosphorus, Photometric (%)	2220	0.2550	0.0100	0.2634	0.0101	0.0047	9	-0.83	2%	0
031.01	Phosphorus, Photometric (%)	0529	0.2600	0.0000	0.2634	0.0101	0.0047	9	-0.34	1%	0
031.01	Phosphorus, Photometric (%)	2219	0.2600	0.0000	0.2634	0.0101	0.0047	9	-0.34	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	2252	0.2615	0.0070	0.2634	0.0101	0.0047	9	-0.19	0%	0
031.01	Phosphorus, Photometric (%)	2156	0.2645	0.0110	0.2634	0.0101	0.0047	9	0.11	0%	0
031.01	Phosphorus, Photometric (%)	0208	0.2670	0.0120	0.2634	0.0101	0.0047	9	0.35	1%	0
031.01	Phosphorus, Photometric (%)	2115	0.2742	0.0020	0.2634	0.0101	0.0047	9	1.06	2%	0
031.01	Phosphorus, Photometric (%)	0656	0.3100	0.0000	0.2634	0.0101	0.0047	9	4.59	9%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.2625	0.0050				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.2400	0.0000	0.2691	0.0120	0.0086	8	-2.43	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	0.2628	0.0085	0.2691	0.0120	0.0086	8	-0.53	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.2650	0.0100	0.2691	0.0120	0.0086	8	-0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.2655	0.0035	0.2691	0.0120	0.0086	8	-0.31	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.2695	0.0150	0.2691	0.0120	0.0086	8	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.2742	0.0094	0.2691	0.0120	0.0086	8	0.42	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.2810	0.0220	0.2691	0.0120	0.0086	8	0.99	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.2840	0.0000	0.2691	0.0120	0.0086	8	1.24	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2250	0.2500	0.0000	0.2587	0.0066	0.0073	4			0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.2575	0.0090	0.2587	0.0066	0.0073	4			0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.2623	0.0101	0.2587	0.0066	0.0073	4			0
031.42	Phosphorus, ICP, Open vessel (%)	2207	0.2650	0.0100	0.2587	0.0066	0.0073	4			0
031.43	Phosphorus, ICP, Microwave (%)	2187	0.2586	0.0010	0.2828	0.0260	0.0063	10	-0.93	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0042	0.2600	0.0060	0.2828	0.0260	0.0063	10	-0.88	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.2645	0.0030	0.2828	0.0260	0.0063	10	-0.70	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.2686	0.0010	0.2828	0.0260	0.0063	10	-0.55	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2124	0.2750	0.0100	0.2828	0.0260	0.0063	10	-0.30	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.2805	0.0130	0.2828	0.0260	0.0063	10	-0.09	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.2856	0.0015	0.2828	0.0260	0.0063	10	0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.2935	0.0270	0.2828	0.0260	0.0063	10	0.41	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.3200	0.0000	0.2828	0.0260	0.0063	10	1.43	7%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.3300	0.0000	0.2828	0.0260	0.0063	10	1.81	8%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0015	0.2350	0.0100				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2273	0.2742	0.0003				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.2840	0.0240				3			0
031.99	Phosphorus, Miscellaneous (%)	0619	0.2640	0.0020				3			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.2700	0.0000				3			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.2950	0.0100				3			0
032.31	Potassium, AAS, Dry ash (%)	0529	0.8750	0.0100				2			0
032.31	Potassium, AAS, Dry ash (%)	0656	0.9500	0.0400				2			0
032.41	Potassium, ICP, Dry ash (%)	0019	0.7750	0.0100	0.8838	0.0192	0.0287	9	-5.67	6%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.8635	0.0110	0.8838	0.0192	0.0287	9	-1.06	1%	0
032.41	Potassium, ICP, Dry ash (%)	0051	0.8774	0.0331	0.8838	0.0192	0.0287	9	-0.34	0%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.8850	0.0100	0.8838	0.0192	0.0287	9	0.06	0%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.8860	0.0340	0.8838	0.0192	0.0287	9	0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.8886	0.0353	0.8838	0.0192	0.0287	9	0.25	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	
032.41	Potassium, ICP, Dry ash (%)	0164	0.8915	0.0250	0.8838	0.0192	0.0287	9	0.40	0%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.8950	0.0100	0.8838	0.0192	0.0287	9	0.58	1%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.085	0.0900	0.8838	0.0192	0.0287	9	10.47	11%	0
032.42	Potassium, ICP, Open vessel (%)	2250	0.8200	0.0400	0.8606	0.0323	0.0305	4			0
032.42	Potassium, ICP, Open vessel (%)	2207	0.8500	0.0400	0.8606	0.0323	0.0305	4			0
032.42	Potassium, ICP, Open vessel (%)	0870	0.8816	0.0279	0.8606	0.0323	0.0305	4			0
032.42	Potassium, ICP, Open vessel (%)	0504	0.8910	0.0140	0.8606	0.0323	0.0305	4			0
032.43	Potassium, ICP, Microwave (%)	0964	0.8137	0.0085	0.8825	0.0483	0.0288	10	-1.42	4%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.8200	0.0000	0.8825	0.0483	0.0288	10	-1.29	4%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.8750	0.0300	0.8825	0.0483	0.0288	10	-0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.8755	0.0730	0.8825	0.0483	0.0288	10	-0.14	0%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.8795	0.0170	0.8825	0.0483	0.0288	10	-0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.8850	0.0100	0.8825	0.0483	0.0288	10	0.05	0%	0
032.43	Potassium, ICP, Microwave (%)	0027	0.8960	0.0580	0.8825	0.0483	0.0288	10	0.28	1%	0
032.43	Potassium, ICP, Microwave (%)	0042	0.9000	0.0300	0.8825	0.0483	0.0288	10	0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	2187	0.9253	0.0219	0.8825	0.0483	0.0288	10	0.89	2%	0
032.43	Potassium, ICP, Microwave (%)	2124	0.9600	0.0400	0.8825	0.0483	0.0288	10	1.60	4%	0
032.44	Potassium, ICP, Dry ash (%)	2219	0.8450	0.0100	0.8531	0.0094	0.0098	4			0
032.44	Potassium, ICP, Dry ash (%)	2220	0.8450	0.0100	0.8531	0.0094	0.0098	4			0
032.44	Potassium, ICP, Dry ash (%)	2156	0.8610	0.0020	0.8531	0.0094	0.0098	4			0
032.44	Potassium, ICP, Dry ash (%)	2252	0.8615	0.0170	0.8531	0.0094	0.0098	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0015	0.8350	0.0100				3			0
032.53	Potassium, ICP-MS, Microwave (%)	2273	0.9178	0.0052				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.9535	0.0310				3			0
032.99	Potassium, Miscellaneous (%)	0619	0.7640	0.0100				2			0
032.99	Potassium, Miscellaneous (%)	0242	0.9100	0.0200				2			0
033.00	Salt as chloride, Sol Cl (%)	0504	0.0550	0.0100				2			0
033.00	Salt as chloride, Sol Cl (%)	0309	0.1161	0.0108				2			0
033.01	Salt as chloride, Poten Cl (%)	0650	0.1000	0.0000	0.1472	0.0148	0.0000	6	-3.20	16%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.1430	0.0000	0.1472	0.0148	0.0000	6	-0.28	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.1500	0.0000	0.1472	0.0148	0.0000	6	0.19	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.1500	0.0000	0.1472	0.0148	0.0000	6	0.19	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.1500	0.0000	0.1472	0.0148	0.0000	6	0.19	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.1649	0.0000	0.1472	0.0148	0.0000	6	1.20	6%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.1300	0.0000				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2273	0.9200	0.0000				2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.3300	0.0170				1			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0407	0.6650	0.1100				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	2250	0.9100	0.0200				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	0.1502	0.0820				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	2124	< 1					1			5
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	2207	0.3500	0.1000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.4500	0.1000				2			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.3970	0.0240	0.4384	0.0492	0.0114	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2273	0.4150	0.0100	0.4384	0.0492	0.0114	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0164	0.4325	0.0050	0.4384	0.0492	0.0114	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.5090	0.0065	0.4384	0.0492	0.0114	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0015	0.4050	0.0700	0.4384	0.0492	0.0114	4			1
035.31	Sodium, AAS, Dry ash (%)	0529	0.0100	0.0000				1			0
035.31	Sodium, AAS, Dry ash (%)	0656	0.0000	0.0000				1			4
035.41	Sodium, ICP, Dry ash (%)	0098	0.0053	0.0012	0.0139	0.0067	0.0026	10	-1.27	31%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.0080	0.0020	0.0139	0.0067	0.0026	10	-0.87	21%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.0090	0.0016	0.0139	0.0067	0.0026	10	-0.72	18%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.0100	0.0000	0.0139	0.0067	0.0026	10	-0.58	14%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.0125	0.0046	0.0139	0.0067	0.0026	10	-0.20	5%	0
035.41	Sodium, ICP, Dry ash (%)	2220	0.0150	0.0100	0.0139	0.0067	0.0026	10	0.17	4%	0
035.41	Sodium, ICP, Dry ash (%)	2252	0.0165	0.0010	0.0139	0.0067	0.0026	10	0.39	9%	0
035.41	Sodium, ICP, Dry ash (%)	2156	0.0185	0.0030	0.0139	0.0067	0.0026	10	0.69	17%	0
035.41	Sodium, ICP, Dry ash (%)	2219	0.0200	0.0000	0.0139	0.0067	0.0026	10	0.91	22%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.0305	0.0030	0.0139	0.0067	0.0026	10	2.47	60%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.0035	0.0010				2			0
035.42	Sodium, ICP, Open vessel (%)	0870	0.0082	0.0003				2			0
035.42	Sodium, ICP, Open vessel (%)	2207	< 0.01					2			5
035.42	Sodium, ICP, Open vessel (%)	2250	< 0.01					2			5
035.43	Sodium, ICP, Microwave (%)	0918	0.0035	0.0030	0.0080	0.0072	0.0009	7	-0.62	28%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.0039	0.0002	0.0080	0.0072	0.0009	7	-0.57	26%	0
035.43	Sodium, ICP, Microwave (%)	2124	0.0045	0.0010	0.0080	0.0072	0.0009	7	-0.48	22%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.0049	0.0007	0.0080	0.0072	0.0009	7	-0.44	20%	0
035.43	Sodium, ICP, Microwave (%)	2187	0.0049	0.0003	0.0080	0.0072	0.0009	7	-0.44	20%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.0155	0.0010	0.0080	0.0072	0.0009	7	1.05	47%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.0300	0.0000	0.0080	0.0072	0.0009	7	3.06	138%	0
035.53	Sodium, ICP-MS, Microwave (%)	2273	0.0036	0.0001				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.0040	0.0000				2			0
035.99	Sodium, Miscellaneous (%)	0242	< 0.01					0			5
036.04	Sulfur, LECO (%)	0001	0.2150	0.0080				1			0
036.42	Sulfur, ICP, Open vessel (%)	2250	0.1600	0.0000	0.1729	0.0133	0.0003	4			0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.1700	0.0000	0.1729	0.0133	0.0003	4			0
036.42	Sulfur, ICP, Open vessel (%)	2207	0.1700	0.0000	0.1729	0.0133	0.0003	4			0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.1915	0.0010	0.1729	0.0133	0.0003	4			0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.1566	0.0070	0.1729	0.0133	0.0003	4			1
036.43	Sulfur, ICP, Microwave (%)	0407	0.1657	0.0003	0.1795	0.0135	0.0029	7	-1.03	4%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.1700	0.0000	0.1795	0.0135	0.0029	7	-0.71	3%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.1741	0.0063	0.1795	0.0135	0.0029	7	-0.41	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.1745	0.0030	0.1795	0.0135	0.0029	7	-0.37	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
036.43	Sulfur, ICP, Microwave (%)	0202	0.1845	0.0030	0.1795	0.0135	0.0029	7	0.37	1%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.1883	0.0079	0.1795	0.0135	0.0029	7	0.65	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.2000	0.0000	0.1795	0.0135	0.0029	7	1.52	6%	0
036.53	Sulfur, ICP-MS, Microwave (%)	2273	0.1693	0.0034				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0015	0.1900	0.0200				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.1800	0.0000				1			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2115	29.51	0.1500	36.11	4.907	1.040	4			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	36.26	1.190	36.11	4.907	1.040	4			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	37.35	1.500	36.11	4.907	1.040	4			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0656	41.31	1.320	36.11	4.907	1.040	4			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	38.50	0.0200				1			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	31.13	2.740				1			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	36.00	0.0000	40.75	2.871	1.255	9	-1.65	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	39.10	0.4900	40.75	2.871	1.255	9	-0.58	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0051	39.11	0.7400	40.75	2.871	1.255	9	-0.57	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	40.00	2.000	40.75	2.871	1.255	9	-0.26	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	40.53	0.8500	40.75	2.871	1.255	9	-0.08	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	41.00	4.000	40.75	2.871	1.255	9	0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	42.38	2.203	40.75	2.871	1.255	9	0.57	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	43.12	0.4200	40.75	2.871	1.255	9	0.83	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	47.19	0.5900	40.75	2.871	1.255	9	2.24	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	37.30	1.970	38.35	1.095	0.9875	4			0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2250	37.80	0.0000	38.35	1.095	0.9875	4			0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2207	38.50	1.000	38.35	1.095	0.9875	4			0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0504	39.82	0.9800	38.35	1.095	0.9875	4			0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0042	33.75	5.100	40.93	3.823	1.939	9	-1.88	9%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	38.00	0.0000	40.93	3.823	1.939	9	-0.77	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	38.46	1.330	40.93	3.823	1.939	9	-0.65	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	39.84	2.033	40.93	3.823	1.939	9	-0.28	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2124	41.64	0.7100	40.93	3.823	1.939	9	0.19	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	41.88	3.200	40.93	3.823	1.939	9	0.25	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	42.96	0.3520	40.93	3.823	1.939	9	0.53	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	44.81	4.330	40.93	3.823	1.939	9	1.01	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	45.58	0.3980	40.93	3.823	1.939	9	1.22	6%	0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	42.75	2.740				1			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0914	24.80	37.20				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2273	37.40	0.0800				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	44.60	8.800				3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	41.00	0.0000				2			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0619	41.65	1.100				2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	4.004	0.0280				2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0407	4.211	0.0691				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	2207	4.500	1.000				2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	2250	4.960	0.0200				2			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	4.950	0.1000				1			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0047	6.340	0.0800				1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0015	3.905	0.0500	4.574	0.4566	0.1283	4			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0164	4.695	0.1300	4.574	0.4566	0.1283	4			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	4.770	0.0800	4.574	0.4566	0.1283	4			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	4.927	0.2533	4.574	0.4566	0.1283	4			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	3.418	0.2887				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.0555	0.0050				1			0
042.00	Chloride, Titrimetric (%)	2124	0.0940	0.0020				1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0171	1,123	103.0				1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0051	1,280	63.00				2			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	1,630	20.00				2			0
101.99	Choline Chloride, Miscellaneous (mg / kg (ppm))	0160	1,015	30.00				1			0
102.02	Niacin, LC (mg / kg (ppm))	2124	1.980	0.1200				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	2124	0.8205	0.0130				1			0
104.03	Riboflavin, LC (mg / kg (ppm))	2124	2.165	0.0900				1			0
105.00	Thiamine, LC (mg / kg (ppm))	2250	7.500	0.6000				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0171	9.795	0.0700				3			0
105.00	Thiamine, LC (mg / kg (ppm))	2124	11.23	0.2300				3			0
109.02	Vitamin E, LC (IU / kg)	0676	3.900	0.2000				1			0
112.01	Pyridoxine, LC (µg / g)	2250	0.3000	0.0000				2			0
112.01	Pyridoxine, LC (µg / g)	2124	1.545	0.1300				2			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.8445	0.0091	0.9274	0.0775	0.0165	6	-1.07	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.8930	0.0140	0.9274	0.0775	0.0165	6	-0.44	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.9000	0.0000	0.9274	0.0775	0.0165	6	-0.35	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.9050	0.0100	0.9274	0.0775	0.0165	6	-0.29	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	1.011	0.0220	0.9274	0.0775	0.0165	6	1.08	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.011	0.0438	0.9274	0.0775	0.0165	6	1.08	5%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.8950	0.0100				3			0
120.05	Alanine, Pre-col AQC Der (%)	0242	0.9050	0.0500				3			0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.9255	0.0270				3			0
120.99	Alanine, Miscellaneous (%)	2115	0.9285	0.0110				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.754	0.0324	1.845	0.0979	0.0379	6	-0.93	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.780	0.0200	1.845	0.0979	0.0379	6	-0.66	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.805	0.0700	1.845	0.0979	0.0379	6	-0.41	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	1.854	0.0190	1.845	0.0979	0.0379	6	0.09	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.885	0.0100	1.845	0.0979	0.0379	6	0.41	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	2.042	0.0759	1.845	0.0979	0.0379	6	2.01	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.553	0.0370				3			0
121.05	Arginine, Pre-col AQC Der (%)	0242	1.830	0.1600				3			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
121.05	Arginine, Pre-col AQC Der (%)	0676	1.870	0.0200				3			0
121.99	Arginine, Miscellaneous (%)	2115	1.880	0.0100				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	2.425	0.0100	2.539	0.1553	0.0568	6	-0.73	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	2.430	0.0600	2.539	0.1553	0.0568	6	-0.70	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.472	0.0545	2.539	0.1553	0.0568	6	-0.43	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.480	0.0400	2.539	0.1553	0.0568	6	-0.38	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	2.703	0.0300	2.539	0.1553	0.0568	6	1.06	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.724	0.1464	2.539	0.1553	0.0568	6	1.19	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	0242	2.360	0.1800				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	2.443	0.0600				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.500	0.0600				3			0
122.99	Aspartic, Miscellaneous (%)	2115	2.219	0.0250				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0918	0.2600	0.0400	0.2937	0.0391	0.0184	6	-0.86	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	0.2613	0.0105	0.2937	0.0391	0.0184	6	-0.83	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0227	0.2800	0.0200	0.2937	0.0391	0.0184	6	-0.35	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0171	0.2965	0.0150	0.2937	0.0391	0.0184	6	0.07	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.3150	0.0100	0.2937	0.0391	0.0184	6	0.54	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0619	0.3495	0.0150	0.2937	0.0391	0.0184	6	1.43	9%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0242	0.2000	0.0200				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2030	0.0280				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.3050	0.0100				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2115	0.3105	0.0110				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.470	0.0000	3.708	0.2282	0.0781	6	-1.04	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.545	0.0900	3.708	0.2282	0.0781	6	-0.71	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.700	0.0400	3.708	0.2282	0.0781	6	-0.03	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.734	0.0830	3.708	0.2282	0.0781	6	0.11	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	3.748	0.0530	3.708	0.2282	0.0781	6	0.17	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	4.062	0.2026	3.708	0.2282	0.0781	6	1.55	5%	0
125.05	Glutamic, Pre-col AQC Der (%)	0242	3.465	0.2900				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.630	0.0600				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	3.757	0.1040				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.9055	0.0097	0.9306	0.0240	0.0192	6	-1.05	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.9200	0.0200	0.9306	0.0240	0.0192	6	-0.44	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.9200	0.0200	0.9306	0.0240	0.0192	6	-0.44	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.9315	0.0070	0.9306	0.0240	0.0192	6	0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.9400	0.0000	0.9306	0.0240	0.0192	6	0.39	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	1.013	0.0584	0.9306	0.0240	0.0192	6	3.43	4%	0
126.05	Glycine, Pre-col AQC Der (%)	0242	0.9200	0.0400				3			0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.9300	0.0320				3			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.9650	0.0100				3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.4955	0.0110	0.5403	0.0548	0.0081	6	-0.82	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.5051	0.0023	0.5403	0.0548	0.0081	6	-0.64	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.5200	0.0200	0.5403	0.0548	0.0081	6	-0.37	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.5200	0.0000	0.5403	0.0548	0.0081	6	-0.37	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.5876	0.0025	0.5403	0.0548	0.0081	6	0.86	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.6135	0.0130	0.5403	0.0548	0.0081	6	1.34	7%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.4750	0.0100				3			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.4910	0.0120				3			0
127.05	Histidine, Pre-col AQC Der (%)	0242	0.5250	0.0300				3			0
127.99	Histidine, Miscellaneous (%)	2115	0.5330	0.0240				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.8218	0.0030	0.8949	0.0585	0.0257	6	-1.25	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.8695	0.0390	0.8949	0.0585	0.0257	6	-0.43	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.8850	0.0300	0.8949	0.0585	0.0257	6	-0.17	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.8855	0.0190	0.8949	0.0585	0.0257	6	-0.16	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.9450	0.0100	0.8949	0.0585	0.0257	6	0.86	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.9629	0.0531	0.8949	0.0585	0.0257	6	1.16	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0242	0.8450	0.0700				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.8505	0.0110				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.8650	0.0100				3			0
128.99	Isoleucine, Miscellaneous (%)	2115	0.9420	0.0060				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.530	0.0170	1.553	0.0277	0.0235	6	-0.83	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.535	0.0100	1.553	0.0277	0.0235	6	-0.65	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.540	0.0000	1.553	0.0277	0.0235	6	-0.46	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.550	0.0200	1.553	0.0277	0.0235	6	-0.10	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.568	0.0140	1.553	0.0277	0.0235	6	0.55	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.658	0.0801	1.553	0.0277	0.0235	6	3.80	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0242	1.500	0.0800				3			0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.540	0.0520				3			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.540	0.0200				3			0
129.99	Leucine, Miscellaneous (%)	2115	1.512	0.0070				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	1.549	0.0040	1.571	0.0202	0.0219	6	-1.08	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.560	0.0268	1.571	0.0202	0.0219	6	-0.55	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.565	0.0100	1.571	0.0202	0.0219	6	-0.29	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.575	0.0500	1.571	0.0202	0.0219	6	0.21	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.575	0.0100	1.571	0.0202	0.0219	6	0.21	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.750	0.0308	1.571	0.0202	0.0219	6	8.86	6%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0242	1.550	0.1000				3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	1.586	0.0320				3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.655	0.0700				3			0
130.99	L-Lysine, Miscellaneous (%)	0160	1.415	0.0100				2			0
130.99	L-Lysine, Miscellaneous (%)	2115	1.573	0.0140				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.1905	0.0050	0.2063	0.0176	0.0123	5			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.1920	0.0120	0.2063	0.0176	0.0123	5			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2050	0.0100	0.2063	0.0176	0.0123	5			0

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131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.2100	0.0200	0.2063	0.0176	0.0123	5			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.2342	0.0147	0.2063	0.0176	0.0123	5			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.0464	0.0228				3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0242	0.2150	0.0100				3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.2500	0.0000				3			0
131.99	Methionine, Miscellaneous (%)	2115	0.1805	0.0010				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.9949	0.0008	1.044	0.0484	0.0106	6	-1.01	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	1.015	0.0100	1.044	0.0484	0.0106	6	-0.60	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	1.033	0.0130	1.044	0.0484	0.0106	6	-0.24	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.040	0.0000	1.044	0.0484	0.0106	6	-0.08	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.065	0.0300	1.044	0.0484	0.0106	6	0.43	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	1.133	0.0097	1.044	0.0484	0.0106	6	1.83	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.9830	0.0280				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0242	0.9850	0.0500				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	1.030	0.0000				3			0
132.99	Phenylalanine, Miscellaneous (%)	2115	1.069	0.0010				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.8300	0.0000	0.8772	0.0444	0.0316	6	-1.06	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	0.8600	0.0200	0.8772	0.0444	0.0316	6	-0.39	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.8636	0.1046	0.8772	0.0444	0.0316	6	-0.31	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.8680	0.0068	0.8772	0.0444	0.0316	6	-0.21	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	0.8980	0.0200	0.8772	0.0444	0.0316	6	0.47	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.011	0.0380	0.8772	0.0444	0.0316	6	3.01	8%	0
133.05	Proline, Pre-col AQC Der (%)	0242	0.8600	0.0400				3			0
133.05	Proline, Pre-col AQC Der (%)	0407	0.8870	0.0280				3			0
133.05	Proline, Pre-col AQC Der (%)	0676	0.8950	0.0100				3			0
133.99	Proline, Miscellaneous (%)	2115	0.9575	0.0390				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.8650	0.0300	1.045	0.1267	0.0373	6	-1.42	9%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.015	0.0192	1.045	0.1267	0.0373	6	-0.24	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	1.025	0.0500	1.045	0.1267	0.0373	6	-0.16	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.050	0.0200	1.045	0.1267	0.0373	6	0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	1.116	0.0250	1.045	0.1267	0.0373	6	0.56	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.199	0.0793	1.045	0.1267	0.0373	6	1.22	7%	0
134.05	Serine, Pre-col AQC Der (%)	0242	1.000	0.0600				3			0
134.05	Serine, Pre-col AQC Der (%)	0407	1.034	0.0510				3			0
134.05	Serine, Pre-col AQC Der (%)	0676	1.035	0.0100				3			0
134.99	Serine, Miscellaneous (%)	2115	0.9965	0.0110				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.7700	0.0000	0.8256	0.0551	0.0219	7	-1.01	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.7930	0.0180	0.8256	0.0551	0.0219	7	-0.59	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.8050	0.0300	0.8256	0.0551	0.0219	7	-0.37	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2115	0.8095	0.0110	0.8256	0.0551	0.0219	7	-0.29	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.8163	0.0210	0.8256	0.0551	0.0219	7	-0.17	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.8825	0.0190	0.8256	0.0551	0.0219	7	1.03	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.9031	0.0544	0.8256	0.0551	0.0219	7	1.41	5%	0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.7095	0.0270				3			0
135.05	Threonine, Pre-col AQC Der (%)	0242	0.7850	0.0700				3			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.8100	0.0200				3			0
135.99	Threonine, Miscellaneous (%)	2115	0.8095	0.0110				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.1500	0.0000	0.1760	0.0286	0.0095	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.1605	0.0069	0.1760	0.0286	0.0095	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.1785	0.0210	0.1760	0.0286	0.0095	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2150	0.0100	0.1760	0.0286	0.0095	4			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2114	0.2365	0.0010				1			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.1385	0.0410				2			0
136.05	Tryptophan, Pre-col AQC Der (%)	0242	0.1900	0.0000				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1700	0.0200				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.5695	0.0030	0.6268	0.0413	0.0088	4			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.6250	0.0100	0.6268	0.0413	0.0088	4			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.6500	0.0000	0.6268	0.0413	0.0088	4			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.6627	0.0222	0.6268	0.0413	0.0088	4			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.6012	0.0681	0.6268	0.0413	0.0088	4			1
137.05	Tyrosine, Pre-col AQC Der (%)	0242	0.5850	0.0700				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.6315	0.0190				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.7250	0.0300				3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.9815	0.0210	1.011	0.0271	0.0242	6	-1.09	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.9950	0.0100	1.011	0.0271	0.0242	6	-0.59	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.001	0.0108	1.011	0.0271	0.0242	6	-0.36	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.010	0.0400	1.011	0.0271	0.0242	6	-0.04	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.035	0.0100	1.011	0.0271	0.0242	6	0.88	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	1.043	0.0535	1.011	0.0271	0.0242	6	1.20	2%	0
138.05	Valine, Pre-col AQC Der (%)	0242	0.9450	0.1100				3			0
138.05	Valine, Pre-col AQC Der (%)	0676	1.015	0.0100				3			0
138.05	Valine, Pre-col AQC Der (%)	0407	1.020	0.0200				3			0
138.99	Valine, Miscellaneous (%)	2115	1.101	0.0140				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1450	0.0100				1			0
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0565	0.0910				1			0
139.99	Taurine, Miscellaneous (%)	2115	0.1665	0.0130				1			0
160.99	Fructose, Miscellaneous (%)	0619	0.0150	0.0000				1			0
160.99	Fructose, Miscellaneous (%)	0227	< 0.15					1			5
162.99	Glucose, Miscellaneous (%)	0619	0.0945	0.0090				1			0
162.99	Glucose, Miscellaneous (%)	0227	< 0.15					1			5
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5
165.99	Sucrose, Miscellaneous (%)	0227	2.550	0.2800				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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165.99	Sucrose, Miscellaneous (%)	0619	2.845	0.0100				2		0	
166.99	Raffinose, Miscellaneous (%)	0619	0.7180	0.0280				1		0	
167.99	Stachyose, Miscellaneous (%)	0619	2.275	0.0100				1		0	
365.00	Monensin, Plate (mg/kg (ppm))	0027	25.05	0.3000				1		0	
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4104	0.0002				1		0	
400.99	Water Activity, Miscellaneous (Units)	2033	0.4310	0.0080				1		0	
516.00	Arsenic, Total, AA, Hydride (mg / kg (ppm))	0171	0.0149	0.0008				1		0	
516.43	Arsenic, Total, ICP, Microwave (mg / kg (ppm))	0407	1.017	0.1856				1		0	
516.43	Arsenic, Total, ICP, Microwave (mg / kg (ppm))	2124	< 0.89					1		5	
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.0100	0.0019				2		0	
516.53	Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.0595	0.0158				2		0	
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.0125	0.0010				2		0	
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0407	0.0147	0.0010				2		0	
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	2124	< 0.16					0		5	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.0145	0.0010				3		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.0150	0.0040				3		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.0233	0.0082				3		0	
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	1.058	0.0160				1		0	
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0407	0.0000	0.0000				1		4	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	1.680	0.0000				1		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.6883	0.0711	1.390	0.5636	0.0778	4		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.300	0.1200	1.390	0.5636	0.0778	4		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0164	1.520	0.0400	1.390	0.5636	0.0778	4		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0015	2.050	0.0800	1.390	0.5636	0.0778	4		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0407	0.0047	0.0093				0		4	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	< 0.05					0		5	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.0107	0.0006				2		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.0112	0.0022				2		0	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	1.953	0.0030				2		0	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0407	1.962	0.1525				2		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	1.577	0.0555				2		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	2.035	0.0700				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	2124	< 0.01					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	2124	< 0.01					0		5	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	2124	0.2450	0.0100				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.3150	0.0500				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	2124	< 0.01					0		5	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	< 0.04					0		5	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	2124	0.0800	0.0000				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.5400	0.0400				2		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
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724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	2124	0.5400	0.0000				2		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	0.9050	0.0100				2		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	2124	0.9900	0.0000				2		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	0.1700	0.0000				2		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	2124	0.1950	0.0100				2		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	2124	< 0.01					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	2124	< 0.01					0		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (% (w/w))	0164	0.1750	0.0100				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (% (w/w))	2124	0.2050	0.0100				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (% (w/w))	0164	0.9050	0.0100				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (% (w/w))	2124	1.010	0.0000				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.4500	0.0800				1		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.5800	0.0400				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.090	0.0000				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	2.225	0.1300				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	2124	2.100	0.0000				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	2.130	0.1200				2		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, 5 = A reporting limit and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). Flag 3 indicates not used in statistics.