



**AAFCO**  
Proficiency Testing Program



**Pet Food Ingredient Scheme**

**Vegetable Pomace**

**Test Material Code # 202041**

**Method Proficiency Testing Report**

**# Labs Reporting: 57**

**# Methods Reported 227**

**Issue Date : 03/31/2020**

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 (%)	0309	7.055	0.0500				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.091	0.0640				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.115	0.0500				3			0
001.03	Loss on Drying, Low temp. methods (%)	2124	6.585	0.0700				2			0
001.03	Loss on Drying, Low temp. methods (%)	0619	7.170	0.0800				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	5.905	0.0500	7.083	0.1305	0.0547	15	-9.03	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2156	6.930	0.0400	7.083	0.1305	0.0547	15	-1.17	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	6.970	0.0400	7.083	0.1305	0.0547	15	-0.86	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	6.990	0.0003	7.083	0.1305	0.0547	15	-0.71	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0027	7.035	0.0100	7.083	0.1305	0.0547	15	-0.37	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2187	7.050	0.0200	7.083	0.1305	0.0547	15	-0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2219	7.060	0.0600	7.083	0.1305	0.0547	15	-0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0065	7.065	0.0700	7.083	0.1305	0.0547	15	-0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2252	7.070	0.1400	7.083	0.1305	0.0547	15	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.090	0.0600	7.083	0.1305	0.0547	15	0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2220	7.180	0.0600	7.083	0.1305	0.0547	15	0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	7.200	0.2000	7.083	0.1305	0.0547	15	0.90	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2293	7.215	0.0100	7.083	0.1305	0.0547	15	1.01	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.220	0.0400	7.083	0.1305	0.0547	15	1.05	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.350	0.0200	7.083	0.1305	0.0547	15	2.05	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	6.465	0.4700	7.083	0.1305	0.0547	15	-4.73	4%	1
001.99	Loss on Drying, Miscellaneous (%)	0918	6.635	0.1300	7.002	0.4497	0.0567	6	-0.82	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	6.700	0.0000	7.002	0.4497	0.0567	6	-0.67	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	6.715	0.0300	7.002	0.4497	0.0567	6	-0.64	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2115	7.080	0.0000	7.002	0.4497	0.0567	6	0.17	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2242	7.230	0.1400	7.002	0.4497	0.0567	6	0.51	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2136	7.650	0.0400	7.002	0.4497	0.0567	6	1.44	5%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	5.895	0.7700	7.002	0.4497	0.0567	6	-2.46	8%	1
002.00	Protein, Crude, Crude (%)	0845	9.240	0.2400				1			0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0619	8.390	0.0600				3			0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0870	8.411	0.0610				3			0
002.01	Protein, Crude, Auto Kjeh-Foss (%)	0164	8.625	0.2500				3			0
002.04	Protein, Crude, Copper Catalyst (%)	2122	8.490	0.0000				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			
002.04	Protein, Crude, Copper Catalyst (%)	0504	8.710	0.0000				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2115	8.510	0.0800				1			0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	7.830	0.0600	8.817	0.4221	0.0981	47	-2.34	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	7.920	0.0180	8.817	0.4221	0.0981	47	-2.13	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2252	7.975	0.5700	8.817	0.4221	0.0981	47	-1.99	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	8.315	0.2500	8.817	0.4221	0.0981	47	-1.19	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2219	8.330	0.0400	8.817	0.4221	0.0981	47	-1.15	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2220	8.340	0.1800	8.817	0.4221	0.0981	47	-1.13	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	8.345	0.0300	8.817	0.4221	0.0981	47	-1.12	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2156	8.360	0.2200	8.817	0.4221	0.0981	47	-1.08	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	8.400	0.0000	8.817	0.4221	0.0981	47	-0.99	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	8.405	0.0500	8.817	0.4221	0.0981	47	-0.98	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	8.410	0.3200	8.817	0.4221	0.0981	47	-0.96	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	8.485	0.0700	8.817	0.4221	0.0981	47	-0.79	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2293	8.530	0.0000	8.817	0.4221	0.0981	47	-0.68	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	8.540	0.0400	8.817	0.4221	0.0981	47	-0.66	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2232	8.635	0.0500	8.817	0.4221	0.0981	47	-0.43	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	8.688	0.0056	8.817	0.4221	0.0981	47	-0.31	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0065	8.690	0.0200	8.817	0.4221	0.0981	47	-0.30	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2162	8.695	0.0900	8.817	0.4221	0.0981	47	-0.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	8.710	0.0000	8.817	0.4221	0.0981	47	-0.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2307	8.725	0.0100	8.817	0.4221	0.0981	47	-0.22	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	8.750	0.1000	8.817	0.4221	0.0981	47	-0.16	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	8.780	0.0600	8.817	0.4221	0.0981	47	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	8.810	0.0950	8.817	0.4221	0.0981	47	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0208	8.825	0.1500	8.817	0.4221	0.0981	47	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	8.865	0.1500	8.817	0.4221	0.0981	47	0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	8.900	0.0400	8.817	0.4221	0.0981	47	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2124	8.930	0.0600	8.817	0.4221	0.0981	47	0.27	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	8.935	0.0100	8.817	0.4221	0.0981	47	0.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0958	8.950	0.0200	8.817	0.4221	0.0981	47	0.32	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	8.963	0.0099	8.817	0.4221	0.0981	47	0.35	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	8.994	0.2680	8.817	0.4221	0.0981	47	0.42	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	9.000	0.4000	8.817	0.4221	0.0981	47	0.43	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	9.020	0.0800	8.817	0.4221	0.0981	47	0.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	9.030	0.0670	8.817	0.4221	0.0981	47	0.50	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	9.048	0.2400	8.817	0.4221	0.0981	47	0.55	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	9.085	0.0100	8.817	0.4221	0.0981	47	0.64	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2016	9.095	0.2100	8.817	0.4221	0.0981	47	0.66	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2242	9.175	0.0100	8.817	0.4221	0.0981	47	0.85	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2207	9.200	0.0600	8.817	0.4221	0.0981	47	0.91	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	9.240	0.1000	8.817	0.4221	0.0981	47	1.00	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0417	9.265	0.1100	8.817	0.4221	0.0981	47	1.06	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	9.283	0.0250	8.817	0.4221	0.0981	47	1.10	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2033	9.300	0.0200	8.817	0.4221	0.0981	47	1.14	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	9.550	0.1000	8.817	0.4221	0.0981	47	1.74	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0554	9.625	0.0300	8.817	0.4221	0.0981	47	1.91	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	9.660	0.0330	8.817	0.4221	0.0981	47	2.00	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	9.695	0.1300	8.817	0.4221	0.0981	47	2.08	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2187	8.475	0.9700	8.817	0.4221	0.0981	47	-0.81	2%	1
002.08	Protein, Crude, Cu/Ti (%)	2136	8.545	0.1900				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	8.630	0.1000				2			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2115	1.935	0.0700				3			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0164	2.420	0.1000				3			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	2.753	0.0093				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	1.970	0.1200				1			0
003.06	Fat, Crude, Pet Ether (%)	0918	2.055	0.0100				1			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	1.910	0.1400	2.116	0.1602	0.1134	4			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	2.113	0.0100	2.116	0.1602	0.1134	4			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0870	2.143	0.3035	2.116	0.1602	0.1134	4			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0510	2.300	0.0000	2.116	0.1602	0.1134	4			0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	1.530	0.0800	1.822	0.2276	0.1000	9	-1.29	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	1.645	0.0900	1.822	0.2276	0.1000	9	-0.78	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	1.731	0.0091	1.822	0.2276	0.1000	9	-0.40	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2162	1.750	0.0400	1.822	0.2276	0.1000	9	-0.32	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	1.813	0.0410	1.822	0.2276	0.1000	9	-0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2136	1.830	0.2000	1.822	0.2276	0.1000	9	0.03	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	1.845	0.1300	1.822	0.2276	0.1000	9	0.10	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2232	2.095	0.1500	1.822	0.2276	0.1000	9	1.20	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	2.540	0.1600	1.822	0.2276	0.1000	9	3.15	20%	0
003.12	Fat, Crude, Hexane Ext (%)	0171	1.895	0.0100				1			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	2.010	0.1200				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	2.210	0.0400				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	2.263	0.0518				3			0
003.14	Fat, Crude, Ankom (%)	0034	1.750	0.2000	2.112	0.2062	0.0891	13	-1.76	9%	0
003.14	Fat, Crude, Ankom (%)	0202	1.840	0.2400	2.112	0.2062	0.0891	13	-1.32	6%	0
003.14	Fat, Crude, Ankom (%)	0876	2.000	0.0000	2.112	0.2062	0.0891	13	-0.54	3%	0
003.14	Fat, Crude, Ankom (%)	0529	2.015	0.0100	2.112	0.2062	0.0891	13	-0.47	2%	0
003.14	Fat, Crude, Ankom (%)	0511	2.040	0.0400	2.112	0.2062	0.0891	13	-0.35	2%	0
003.14	Fat, Crude, Ankom (%)	2115	2.075	0.0300	2.112	0.2062	0.0891	13	-0.18	1%	0
003.14	Fat, Crude, Ankom (%)	0554	2.080	0.0800	2.112	0.2062	0.0891	13	-0.16	1%	0
003.14	Fat, Crude, Ankom (%)	2307	2.110	0.0200	2.112	0.2062	0.0891	13	-0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0171	2.240	0.0400	2.112	0.2062	0.0891	13	0.62	3%	0
003.14	Fat, Crude, Ankom (%)	0619	2.255	0.0900	2.112	0.2062	0.0891	13	0.69	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			
003.14	Fat, Crude, Ankom (%)	0407	2.259	0.1382	2.112	0.2062	0.0891	13	0.71	3%	0
003.14	Fat, Crude, Ankom (%)	0003	2.320	0.0800	2.112	0.2062	0.0891	13	1.01	5%	0
003.14	Fat, Crude, Ankom (%)	2207	2.455	0.1900	2.112	0.2062	0.0891	13	1.66	8%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	19.93	0.7300	20.79	0.8285	0.6020	5			0
004.00	Fiber, Crude, Asbestos Free (%)	0171	20.33	0.8300	20.79	0.8285	0.6020	5			0
004.00	Fiber, Crude, Asbestos Free (%)	0164	20.35	0.1000	20.79	0.8285	0.6020	5			0
004.00	Fiber, Crude, Asbestos Free (%)	0208	21.55	0.1000	20.79	0.8285	0.6020	5			0
004.00	Fiber, Crude, Asbestos Free (%)	0504	21.80	1.250	20.79	0.8285	0.6020	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	17.63	0.0300				1			0
004.06	Fiber, Crude, Fibertec (%)	2115	19.56	0.7000	19.91	0.4629	0.4832	5			0
004.06	Fiber, Crude, Fibertec (%)	0027	19.58	0.1860	19.91	0.4629	0.4832	5			0
004.06	Fiber, Crude, Fibertec (%)	0918	19.75	0.2100	19.91	0.4629	0.4832	5			0
004.06	Fiber, Crude, Fibertec (%)	0845	19.97	1.300	19.91	0.4629	0.4832	5			0
004.06	Fiber, Crude, Fibertec (%)	0676	20.68	0.0200	19.91	0.4629	0.4832	5			0
004.07	Fiber, Crude, ANKOM (%)	0160	17.60	1.000	20.83	1.695	0.5654	16	-1.91	8%	0
004.07	Fiber, Crude, ANKOM (%)	0619	18.80	0.6000	20.83	1.695	0.5654	16	-1.20	5%	0
004.07	Fiber, Crude, ANKOM (%)	2115	19.17	0.1900	20.83	1.695	0.5654	16	-0.98	4%	0
004.07	Fiber, Crude, ANKOM (%)	2136	19.40	1.600	20.83	1.695	0.5654	16	-0.84	3%	0
004.07	Fiber, Crude, ANKOM (%)	0510	19.80	0.4000	20.83	1.695	0.5654	16	-0.61	2%	0
004.07	Fiber, Crude, ANKOM (%)	0876	20.30	0.6000	20.83	1.695	0.5654	16	-0.31	1%	0
004.07	Fiber, Crude, ANKOM (%)	2033	20.30	0.0000	20.83	1.695	0.5654	16	-0.31	1%	0
004.07	Fiber, Crude, ANKOM (%)	2307	20.79	0.0200	20.83	1.695	0.5654	16	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0202	20.81	0.4600	20.83	1.695	0.5654	16	-0.01	0%	0
004.07	Fiber, Crude, ANKOM (%)	0870	21.60	0.1339	20.83	1.695	0.5654	16	0.45	2%	0
004.07	Fiber, Crude, ANKOM (%)	0407	21.62	0.8020	20.83	1.695	0.5654	16	0.46	2%	0
004.07	Fiber, Crude, ANKOM (%)	0074	21.77	0.0800	20.83	1.695	0.5654	16	0.55	2%	0
004.07	Fiber, Crude, ANKOM (%)	0529	22.07	0.0900	20.83	1.695	0.5654	16	0.73	3%	0
004.07	Fiber, Crude, ANKOM (%)	0511	22.50	1.200	20.83	1.695	0.5654	16	0.98	4%	0
004.07	Fiber, Crude, ANKOM (%)	2124	22.73	0.9800	20.83	1.695	0.5654	16	1.12	5%	0
004.07	Fiber, Crude, ANKOM (%)	2207	24.64	0.8900	20.83	1.695	0.5654	16	2.24	9%	0
004.07	Fiber, Crude, ANKOM (%)	0034	24.03	2.970	20.83	1.695	0.5654	16	1.88	8%	1
005.00	Ash, 2h @ 600°C (%)	0554	6.295	0.1100	7.295	0.0840	0.0755	34	-11.90	7%	0
005.00	Ash, 2h @ 600°C (%)	2232	6.995	0.3900	7.295	0.0840	0.0755	34	-3.57	2%	0
005.00	Ash, 2h @ 600°C (%)	0511	7.175	0.2100	7.295	0.0840	0.0755	34	-1.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	7.185	0.2100	7.295	0.0840	0.0755	34	-1.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0417	7.195	0.1100	7.295	0.0840	0.0755	34	-1.19	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	7.215	0.0100	7.295	0.0840	0.0755	34	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	7.225	0.0900	7.295	0.0840	0.0755	34	-0.83	0%	0
005.00	Ash, 2h @ 600°C (%)	2162	7.225	0.0700	7.295	0.0840	0.0755	34	-0.83	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	7.240	0.1200	7.295	0.0840	0.0755	34	-0.66	0%	0
005.00	Ash, 2h @ 600°C (%)	2242	7.250	0.1000	7.295	0.0840	0.0755	34	-0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0845	7.260	0.1200	7.295	0.0840	0.0755	34	-0.42	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	2156	7.275	0.0100	7.295	0.0840	0.0755	34	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	2307	7.275	0.0100	7.295	0.0840	0.0755	34	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	7.281	0.0587	7.295	0.0840	0.0755	34	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	7.295	0.0100	7.295	0.0840	0.0755	34	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0047	7.300	0.0000	7.295	0.0840	0.0755	34	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	2033	7.300	0.0000	7.295	0.0840	0.0755	34	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	2115	7.305	0.0100	7.295	0.0840	0.0755	34	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.310	0.0200	7.295	0.0840	0.0755	34	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.310	0.0427	7.295	0.0840	0.0755	34	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0027	7.314	0.0040	7.295	0.0840	0.0755	34	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	2293	7.315	0.0900	7.295	0.0840	0.0755	34	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	7.325	0.0712	7.295	0.0840	0.0755	34	0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	2220	7.325	0.0500	7.295	0.0840	0.0755	34	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0242	7.330	0.0400	7.295	0.0840	0.0755	34	0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	2252	7.330	0.0400	7.295	0.0840	0.0755	34	0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	2219	7.340	0.0200	7.295	0.0840	0.0755	34	0.53	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	7.350	0.1000	7.295	0.0840	0.0755	34	0.65	0%	0
005.00	Ash, 2h @ 600°C (%)	2089	7.360	0.0200	7.295	0.0840	0.0755	34	0.77	0%	0
005.00	Ash, 2h @ 600°C (%)	2124	7.400	0.1400	7.295	0.0840	0.0755	34	1.25	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	7.430	0.0000	7.295	0.0840	0.0755	34	1.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	7.440	0.0600	7.295	0.0840	0.0755	34	1.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	7.455	0.0900	7.295	0.0840	0.0755	34	1.90	1%	0
005.00	Ash, 2h @ 600°C (%)	2207	7.820	0.1400	7.295	0.0840	0.0755	34	6.25	4%	0
005.00	Ash, 2h @ 600°C (%)	0529	8.050	1.300	7.295	0.0840	0.0755	34	8.98	5%	1
005.00	Ash, 2h @ 600°C (%)	2016	3.355	0.6300	7.295	0.0840	0.0755	34	-46.88	27%	2
005.03	Ash, Microwave furnace (%)	2187	7.225	0.0300				1			0
005.05	Ash, 3h @ 550°C (%)	0003	7.325	0.0300	7.366	0.0462	0.0313	4			0
005.05	Ash, 3h @ 550°C (%)	0619	7.340	0.0200	7.366	0.0462	0.0313	4			0
005.05	Ash, 3h @ 550°C (%)	0065	7.370	0.0200	7.366	0.0462	0.0313	4			0
005.05	Ash, 3h @ 550°C (%)	0034	7.430	0.0550	7.366	0.0462	0.0313	4			0
005.05	Ash, 3h @ 550°C (%)	2136	7.135	0.1700	7.366	0.0462	0.0313	4			1
005.99	Ash, Miscellaneous (%)	0202	7.245	0.0500				2			0
005.99	Ash, Miscellaneous (%)	0676	7.245	0.0500				2			0
006.00	Total Sugars, As sucrose (%)	0407	7.534	0.1150				1			0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	26.40	1.400				3			0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	27.52	0.7500				3			0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	30.51	0.4727				3			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	23.66	2.000	26.46	2.570	0.7817	7	-1.09	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	24.08	1.189	26.46	2.570	0.7817	7	-0.93	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	24.80	0.4000	26.46	2.570	0.7817	7	-0.65	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0160	27.00	0.4000	26.46	2.570	0.7817	7	0.21	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	27.78	1.069	26.46	2.570	0.7817	7	0.51	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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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	28.64	0.3137	26.46	2.570	0.7817	7	0.85	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	29.25	0.1000	26.46	2.570	0.7817	7	1.09	5%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0511	28.15	1.500				2			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	28.57	0.5570				2			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	33.68	0.2800				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	31.40	0.1912				2			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	34.20	0.6100				2			0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0160	29.35	0.5000	31.77	2.073	0.6983	6	-1.17	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	29.75	0.5000	31.77	2.073	0.6983	6	-0.98	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	32.21	0.5561	31.77	2.073	0.6983	6	0.21	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	32.25	0.1000	31.77	2.073	0.6983	6	0.23	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	33.36	1.867	31.77	2.073	0.6983	6	0.77	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	33.72	0.6671	31.77	2.073	0.6983	6	0.94	3%	0
010.99	Moisture, Miscellaneous (%)	2089	6.955	0.0900				1			0
011.01	Loss on Drying, 135°C 2hr (%)	2033	8.190	0.0000	8.926	0.2875	0.1670	17	-2.56	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2307	8.310	0.0200	8.926	0.2875	0.1670	17	-2.14	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	8.465	0.5100	8.926	0.2875	0.1670	17	-1.61	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2162	8.690	0.3600	8.926	0.2875	0.1670	17	-0.82	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2232	8.785	0.0900	8.926	0.2875	0.1670	17	-0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	8.833	0.1502	8.926	0.2875	0.1670	17	-0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	8.850	0.5000	8.926	0.2875	0.1670	17	-0.27	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	9.010	0.0200	8.926	0.2875	0.1670	17	0.29	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	9.015	0.0300	8.926	0.2875	0.1670	17	0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	9.085	0.0100	8.926	0.2875	0.1670	17	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2207	9.085	0.1900	8.926	0.2875	0.1670	17	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.095	0.0300	8.926	0.2875	0.1670	17	0.59	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.112	0.1394	8.926	0.2875	0.1670	17	0.65	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.150	0.1000	8.926	0.2875	0.1670	17	0.78	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	9.155	0.1500	8.926	0.2875	0.1670	17	0.79	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.190	0.3000	8.926	0.2875	0.1670	17	0.92	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	9.210	0.2400	8.926	0.2875	0.1670	17	0.99	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2016	8.980	1.820	8.926	0.2875	0.1670	17	0.19	0%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0554	8.190	0.1600				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	2083	8.215	0.0300				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0417	8.270	0.3800				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0529	8.805	0.0100				3			2
011.99	Loss on Drying, High Temp. Methods Miscellaneous (%)	2303	9.490	0.1400				1			0
012.00	Starch, Polarimetric (Ewers) (%)	0164	3.450	0.1000				2			0
012.00	Starch, Polarimetric (Ewers) (%)	0619	11.80	0.4000				2			0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0676	0.4650	0.0300	1.768	1.056	0.1102	5			0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	0.8000	0.2000	1.768	1.056	0.1102	5			0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	2.253	0.0000	1.768	1.056	0.1102	5			0

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012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2242	2.645	0.3100	1.768	1.056	0.1102	5			0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	2.676	0.0110	1.768	1.056	0.1102	5			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	2124	0.7000	0.0000				2			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	0.7162	0.4113				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	0.1000	0.0000				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	2207	1.090	0.4000				2			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2187	1.075	0.2700	2.607	0.6511	0.1811	10	-2.35	29%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	2.130	0.2000	2.607	0.6511	0.1811	10	-0.73	9%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2220	2.490	0.1600	2.607	0.6511	0.1811	10	-0.18	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2219	2.495	0.4500	2.607	0.6511	0.1811	10	-0.17	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	2.522	0.0313	2.607	0.6511	0.1811	10	-0.13	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2293	2.545	0.4500	2.607	0.6511	0.1811	10	-0.10	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2156	2.580	0.1000	2.607	0.6511	0.1811	10	-0.04	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2252	2.595	0.0100	2.607	0.6511	0.1811	10	-0.02	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	3.500	0.0400	2.607	0.6511	0.1811	10	1.37	17%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2016	7.290	0.1000	2.607	0.6511	0.1811	10	7.19	90%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0065	2.280	0.1400	3.067	0.5753	0.1200	11	-1.37	13%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	2.495	0.1900	3.067	0.5753	0.1200	11	-0.99	9%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0650	2.505	0.0100	3.067	0.5753	0.1200	11	-0.98	9%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	2.509	0.0287	3.067	0.5753	0.1200	11	-0.97	9%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	3.225	0.1300	3.067	0.5753	0.1200	11	0.27	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2033	3.245	0.0300	3.067	0.5753	0.1200	11	0.31	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	3.410	0.1600	3.067	0.5753	0.1200	11	0.60	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	3.455	0.1500	3.067	0.5753	0.1200	11	0.67	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	3.485	0.4100	3.067	0.5753	0.1200	11	0.73	7%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0001	3.533	0.0714	3.067	0.5753	0.1200	11	0.81	8%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0010	3.600	0.0000	3.067	0.5753	0.1200	11	0.93	9%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	3.385	1.629	3.067	0.5753	0.1200	11	0.55	5%	1
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2162	0.5200	0.0800				3			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2124	1.945	0.1100				3			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0845	2.195	0.1700				3			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	4.254	1.225				2			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0042	19.24	0.4300				2			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	94.29	1.806				2			0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	121.4	7.450				2			0
015.43	Aluminum, ICP, Microwave (ppm)	2033	83.04	0.7100				3			0
015.43	Aluminum, ICP, Microwave (ppm)	0918	86.99	8.878				3			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	102.0	0.0000				3			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	120.0	0.0000				1			0
017.41	Boron, ICP, Dry ash (ppm)	0407	43.66	2.070				1			0
017.43	Boron, ICP, Microwave (ppm)	2033	39.84	0.0710				3			0
017.43	Boron, ICP, Microwave (ppm)	0918	41.74	0.1600				3			0

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017.43	Boron, ICP, Microwave (ppm)	0510	43.00	0.0000				3			0
017.53	Boron, ICP-MS, Microwave (ppm)	0553	43.70	0.4000				1			0
019.31	Calcium, AAS, Dry ash (%)	0529	1.030	0.0600				3			0
019.31	Calcium, AAS, Dry ash (%)	0001	1.134	0.0610				3			0
019.31	Calcium, AAS, Dry ash (%)	2115	1.205	0.0100				3			0
019.41	Calcium, ICP, Dry ash (%)	0003	0.9750	0.0700	1.030	0.0483	0.0212	8	-1.14	3%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.9850	0.0100	1.030	0.0483	0.0212	8	-0.93	2%	0
019.41	Calcium, ICP, Dry ash (%)	0208	0.9980	0.0180	1.030	0.0483	0.0212	8	-0.66	2%	0
019.41	Calcium, ICP, Dry ash (%)	0051	1.016	0.0174	1.030	0.0483	0.0212	8	-0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.047	0.0144	1.030	0.0483	0.0212	8	0.35	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.060	0.0200	1.030	0.0483	0.0212	8	0.62	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.070	0.0000	1.030	0.0483	0.0212	8	0.83	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.090	0.0200	1.030	0.0483	0.0212	8	1.24	3%	0
019.42	Calcium, ICP, Open vessel (%)	2207	1.080	0.0000				2			0
019.42	Calcium, ICP, Open vessel (%)	0870	1.089	0.0390				2			0
019.43	Calcium, ICP, Microwave (%)	0918	0.9060	0.0060	1.037	0.0899	0.0127	10	-1.46	6%	0
019.43	Calcium, ICP, Microwave (%)	2033	0.9500	0.0000	1.037	0.0899	0.0127	10	-0.97	4%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.9850	0.0100	1.037	0.0899	0.0127	10	-0.58	3%	0
019.43	Calcium, ICP, Microwave (%)	2187	0.9928	0.0040	1.037	0.0899	0.0127	10	-0.50	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.005	0.0100	1.037	0.0899	0.0127	10	-0.36	2%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.075	0.0100	1.037	0.0899	0.0127	10	0.42	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.105	0.0300	1.037	0.0899	0.0127	10	0.75	3%	0
019.43	Calcium, ICP, Microwave (%)	2124	1.105	0.0100	1.037	0.0899	0.0127	10	0.75	3%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.123	0.0410	1.037	0.0899	0.0127	10	0.95	4%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.127	0.0060	1.037	0.0899	0.0127	10	1.00	4%	0
019.43	Calcium, ICP, Microwave (%)	0042	0.9655	0.1290	1.037	0.0899	0.0127	10	-0.80	3%	1
019.44	Calcium, ICP, Dry ash (%)	2252	0.9650	0.0700	1.016	0.0473	0.0246	7	-1.08	3%	0
019.44	Calcium, ICP, Dry ash (%)	2220	0.9850	0.0100	1.016	0.0473	0.0246	7	-0.66	2%	0
019.44	Calcium, ICP, Dry ash (%)	2219	0.9950	0.0100	1.016	0.0473	0.0246	7	-0.44	1%	0
019.44	Calcium, ICP, Dry ash (%)	2156	1.000	0.0000	1.016	0.0473	0.0246	7	-0.34	1%	0
019.44	Calcium, ICP, Dry ash (%)	2293	1.025	0.0100	1.016	0.0473	0.0246	7	0.19	0%	0
019.44	Calcium, ICP, Dry ash (%)	2114	1.066	0.0005	1.016	0.0473	0.0246	7	1.06	2%	0
019.44	Calcium, ICP, Dry ash (%)	2232	1.076	0.0720	1.016	0.0473	0.0246	7	1.27	3%	0
019.44	Calcium, ICP, Dry ash (%)	0065	0.7500	0.4800	1.016	0.0473	0.0246	7	-5.62	13%	1
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.240	0.1400				1			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.075	0.0300				1			0
019.99	Calcium, Miscellaneous (%)	0242	0.9900	0.0200				3			0
019.99	Calcium, Miscellaneous (%)	0676	1.020	0.0200				3			0
019.99	Calcium, Miscellaneous (%)	0619	1.110	0.0200				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	6.950	0.1000				1			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	6.456	0.7345				2			0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	12.06	0.3700				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			
021.43	Cobalt, ICP, Microwave (ppm)	2033	5.099	0.1742				2			0
021.43	Cobalt, ICP, Microwave (ppm)	0510	6.060	0.1200				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0918	1.941	0.2217				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	6.180	0.1000				2			0
022.31	Copper, AAS, Dry ash (ppm)	0529	11.90	2.200				2			0
022.31	Copper, AAS, Dry ash (ppm)	2115	12.19	0.4800				2			0
022.41	Copper, ICP, Dry ash (ppm)	0407	10.67	0.6062	11.90	1.290	1.018	7	-0.95	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0208	10.99	0.2100	11.90	1.290	1.018	7	-0.71	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0164	11.50	1.000	11.90	1.290	1.018	7	-0.31	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	11.51	0.2000	11.90	1.290	1.018	7	-0.30	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	11.74	0.5000	11.90	1.290	1.018	7	-0.12	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0051	13.06	2.610	11.90	1.290	1.018	7	0.90	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0003	18.00	2.000	11.90	1.290	1.018	7	4.73	26%	0
022.42	Copper, ICP, Open vessel (ppm)	2207	11.00	0.0000				2			0
022.42	Copper, ICP, Open vessel (ppm)	0870	11.72	0.0900				2			0
022.43	Copper, ICP, Microwave (ppm)	2089	6.695	1.930	10.78	1.111	0.4851	7	-3.68	19%	0
022.43	Copper, ICP, Microwave (ppm)	2033	10.36	0.0157	10.78	1.111	0.4851	7	-0.39	2%	0
022.43	Copper, ICP, Microwave (ppm)	0918	10.45	0.1400	10.78	1.111	0.4851	7	-0.30	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	10.84	0.3800	10.78	1.111	0.4851	7	0.05	0%	0
022.43	Copper, ICP, Microwave (ppm)	0510	11.00	0.0000	10.78	1.111	0.4851	7	0.19	1%	0
022.43	Copper, ICP, Microwave (ppm)	0202	11.47	0.6800	10.78	1.111	0.4851	7	0.62	3%	0
022.43	Copper, ICP, Microwave (ppm)	2124	12.26	0.2500	10.78	1.111	0.4851	7	1.32	7%	0
022.43	Copper, ICP, Microwave (ppm)	0042	14.10	7.400	10.78	1.111	0.4851	7	2.99	15%	1
022.44	Copper, ICP, Dry ash (ppm)	2114	10.78	0.0265				1			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	11.00	0.2000				1			0
022.99	Copper, Miscellaneous (ppm)	0242	11.00	0.0000				2			0
022.99	Copper, Miscellaneous (ppm)	0619	13.05	0.5000				2			0
024.53	Iodine, ICP-MS, Microwave (ppm)	2033	0.1150	0.0200				1			0
025.31	Iron, AAS, Dry ash (ppm)	2115	332.5	5.730				2			0
025.31	Iron, AAS, Dry ash (ppm)	0529	342.6	14.60				2			0
025.41	Iron, ICP, Dry ash (ppm)	0051	321.3	5.390	330.3	8.814	5.838	6	-1.02	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	323.1	2.638	330.3	8.814	5.838	6	-0.82	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	327.1	5.000	330.3	8.814	5.838	6	-0.36	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	332.5	5.000	330.3	8.814	5.838	6	0.25	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	337.5	3.200	330.3	8.814	5.838	6	0.82	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0208	340.4	13.80	330.3	8.814	5.838	6	1.14	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0003	327.5	107.0	330.3	8.814	5.838	6	-0.32	0%	1
025.42	Iron, ICP, Open vessel (ppm)	2207	284.5	7.000				2			0
025.42	Iron, ICP, Open vessel (ppm)	0870	330.7	15.00				2			0
025.43	Iron, ICP, Microwave (ppm)	2033	285.0	10.00	338.8	40.58	17.40	8	-1.32	8%	0
025.43	Iron, ICP, Microwave (ppm)	0918	314.2	4.120	338.8	40.58	17.40	8	-0.61	4%	0
025.43	Iron, ICP, Microwave (ppm)	0042	321.5	41.00	338.8	40.58	17.40	8	-0.43	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			
025.43	Iron, ICP, Microwave (ppm)	0098	333.4	12.30	338.8	40.58	17.40	8	-0.13	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	335.0	2.000	338.8	40.58	17.40	8	-0.09	1%	0
025.43	Iron, ICP, Microwave (ppm)	2124	345.6	2.160	338.8	40.58	17.40	8	0.17	1%	0
025.43	Iron, ICP, Microwave (ppm)	0202	375.9	36.39	338.8	40.58	17.40	8	0.91	5%	0
025.43	Iron, ICP, Microwave (ppm)	2089	420.8	31.26	338.8	40.58	17.40	8	2.02	12%	0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	323.5	5.000				1			0
025.99	Iron, Miscellaneous (ppm)	2114	294.7	6.189				3			0
025.99	Iron, Miscellaneous (ppm)	0242	338.0	2.000				3			0
025.99	Iron, Miscellaneous (ppm)	0619	345.5	3.000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.1475	0.0010				2			0
027.31	Magnesium, AAS, Dry ash (%)	2115	0.1532	0.0007				2			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.1405	0.0019	0.1544	0.0062	0.0025	8	-2.27	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.1500	0.0000	0.1544	0.0062	0.0025	8	-0.72	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.1501	0.0038	0.1544	0.0062	0.0025	8	-0.70	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.1560	0.0000	0.1544	0.0062	0.0025	8	0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.1560	0.0040	0.1544	0.0062	0.0025	8	0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2232	0.1575	0.0090	0.1544	0.0062	0.0025	8	0.50	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.1600	0.0000	0.1544	0.0062	0.0025	8	0.91	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.1605	0.0010	0.1544	0.0062	0.0025	8	0.99	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.1524	0.0044				2			0
027.42	Magnesium, ICP, Open vessel (%)	2207	0.1600	0.0000				2			0
027.43	Magnesium, ICP, Microwave (%)	2033	0.1400	0.0000	0.1572	0.0069	0.0083	9	-2.48	5%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.1500	0.0000	0.1572	0.0069	0.0083	9	-1.04	2%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.1550	0.0060	0.1572	0.0069	0.0083	9	-0.32	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.1560	0.0020	0.1572	0.0069	0.0083	9	-0.18	0%	0
027.43	Magnesium, ICP, Microwave (%)	0042	0.1585	0.0290	0.1572	0.0069	0.0083	9	0.18	0%	0
027.43	Magnesium, ICP, Microwave (%)	2187	0.1587	0.0174	0.1572	0.0069	0.0083	9	0.21	0%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.1600	0.0000	0.1572	0.0069	0.0083	9	0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.1650	0.0100	0.1572	0.0069	0.0083	9	1.12	2%	0
027.43	Magnesium, ICP, Microwave (%)	2124	0.1650	0.0100	0.1572	0.0069	0.0083	9	1.12	2%	0
027.44	Magnesium, ICP, Dry ash (%)	2220	0.1495	0.0010	0.1544	0.0040	0.0014	6	-1.23	2%	0
027.44	Magnesium, ICP, Dry ash (%)	2156	0.1525	0.0010	0.1544	0.0040	0.0014	6	-0.48	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2219	0.1535	0.0010	0.1544	0.0040	0.0014	6	-0.23	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2252	0.1540	0.0000	0.1544	0.0040	0.0014	6	-0.10	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2293	0.1580	0.0040	0.1544	0.0040	0.0014	6	0.90	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2114	0.1589	0.0014	0.1544	0.0040	0.0014	6	1.13	1%	0
027.44	Magnesium, ICP, Dry ash (%)	0065	0.1200	0.0800	0.1544	0.0040	0.0014	6	-8.63	11%	1
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.1615	0.0030				1			0
027.99	Magnesium, Miscellaneous (%)	0242	0.1600	0.0000				2			0
027.99	Magnesium, Miscellaneous (%)	0619	0.1655	0.0010				2			0
028.31	Manganese, AAS, Dry ash (ppm)	2115	32.67	0.8300				2			0
028.31	Manganese, AAS, Dry ash (ppm)	0529	32.75	0.5000				2			0

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028.41	Manganese, ICP, Dry ash (ppm)	0171	28.82	0.1800	29.81	1.014	0.2771	6	-0.97	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0164	29.00	0.0000	29.81	1.014	0.2771	6	-0.80	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	29.81	0.5024	29.81	1.014	0.2771	6	0.00	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0208	29.84	0.1000	29.81	1.014	0.2771	6	0.03	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0051	30.05	0.1300	29.81	1.014	0.2771	6	0.23	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	32.84	0.7500	29.81	1.014	0.2771	6	2.99	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0003	31.00	6.000	29.81	1.014	0.2771	6	1.18	2%	1
028.42	Manganese, ICP, Open vessel (ppm)	0870	27.99	0.9700				2			0
028.42	Manganese, ICP, Open vessel (ppm)	2207	29.50	1.000				2			0
028.43	Manganese, ICP, Microwave (ppm)	0510	27.00	0.0000	30.97	2.958	0.2576	7	-1.34	6%	0
028.43	Manganese, ICP, Microwave (ppm)	2033	28.68	0.0233	30.97	2.958	0.2576	7	-0.77	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	29.57	0.0800	30.97	2.958	0.2576	7	-0.47	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	31.68	0.4900	30.97	2.958	0.2576	7	0.24	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	32.69	0.5300	30.97	2.958	0.2576	7	0.58	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2124	33.06	0.2100	30.97	2.958	0.2576	7	0.70	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	34.15	0.4700	30.97	2.958	0.2576	7	1.07	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0042	31.65	9.900	30.97	2.958	0.2576	7	0.23	1%	1
028.44	Manganese, ICP, Dry ash (ppm)	2114	32.13	0.7333				1			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	29.15	0.3000				1			0
028.99	Manganese, Miscellaneous (ppm)	0242	30.50	1.000				2			0
028.99	Manganese, Miscellaneous (ppm)	0619	33.35	0.3000				2			0
031.01	Phosphorus, Photometric (%)	0208	0.1940	0.0020				3			0
031.01	Phosphorus, Photometric (%)	0529	0.2000	0.0000				3			0
031.01	Phosphorus, Photometric (%)	2115	0.2000	0.0000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.1965	0.0010				1			0
031.41	Phosphorus, ICP, Dry ash (%)	2232	0.1890	0.0100	0.2034	0.0085	0.0055	9	-1.69	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	0.1984	0.0085	0.2034	0.0085	0.0055	9	-0.59	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.1997	0.0005	0.2034	0.0085	0.0055	9	-0.44	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.2000	0.0000	0.2034	0.0085	0.0055	9	-0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.2015	0.0030	0.2034	0.0085	0.0055	9	-0.22	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.2065	0.0070	0.2034	0.0085	0.0055	9	0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.2078	0.0005	0.2034	0.0085	0.0055	9	0.51	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.2100	0.0000	0.2034	0.0085	0.0055	9	0.78	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.2500	0.0200	0.2034	0.0085	0.0055	9	5.48	11%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.2032	0.0054				3			0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.2050	0.0300				3			0
031.42	Phosphorus, ICP, Open vessel (%)	2207	0.2100	0.0000				3			0
031.43	Phosphorus, ICP, Microwave (%)	2187	0.1849	0.0034	0.1997	0.0070	0.0051	10	-2.10	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.1950	0.0100	0.1997	0.0070	0.0051	10	-0.66	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.1955	0.0010	0.1997	0.0070	0.0051	10	-0.59	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.1980	0.0140	0.1997	0.0070	0.0051	10	-0.24	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.1985	0.0070	0.1997	0.0070	0.0051	10	-0.17	0%	0

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031.43	Phosphorus, ICP, Microwave (%)	0918	0.1985	0.0030	0.1997	0.0070	0.0051	10	-0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.2000	0.0000	0.1997	0.0070	0.0051	10	0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2124	0.2050	0.0100	0.1997	0.0070	0.0051	10	0.76	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.2071	0.0022	0.1997	0.0070	0.0051	10	1.06	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.2100	0.0000	0.1997	0.0070	0.0051	10	1.47	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0042	0.1930	0.0500	0.1997	0.0070	0.0051	10	-0.95	2%	1
031.43	Phosphorus, ICP, Microwave (%)	2033	1.815	0.0100	0.1997	0.0070	0.0051	10	229.57	404%	2
031.44	Phosphorus, ICP, Dry ash (%)	2114	0.1889	0.0058	0.1965	0.0062	0.0110	6	-1.22	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2156	0.1950	0.0100	0.1965	0.0062	0.0110	6	-0.24	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2219	0.1950	0.0100	0.1965	0.0062	0.0110	6	-0.24	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2220	0.1950	0.0100	0.1965	0.0062	0.0110	6	-0.24	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2293	0.2000	0.0000	0.1965	0.0062	0.0110	6	0.57	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2252	0.2050	0.0300	0.1965	0.0062	0.0110	6	1.38	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	0065	0.1450	0.0900	0.1965	0.0062	0.0110	6	-8.32	13%	1
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.2055	0.0070				1			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.1900	0.0000				3			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.2050	0.0100				3			0
031.99	Phosphorus, Miscellaneous (%)	0619	0.2185	0.0030				3			0
032.31	Potassium, AAS, Dry ash (%)	0529	1.835	0.0900				2			0
032.31	Potassium, AAS, Dry ash (%)	2115	1.876	0.1034				2			0
032.41	Potassium, ICP, Dry ash (%)	0003	1.585	0.1700	1.958	0.1221	0.0892	8	-3.06	10%	0
032.41	Potassium, ICP, Dry ash (%)	2232	1.887	0.2120	1.958	0.1221	0.0892	8	-0.58	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.916	0.0305	1.958	0.1221	0.0892	8	-0.34	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.940	0.0200	1.958	0.1221	0.0892	8	-0.15	0%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.970	0.0000	1.958	0.1221	0.0892	8	0.10	0%	0
032.41	Potassium, ICP, Dry ash (%)	0051	1.990	0.0249	1.958	0.1221	0.0892	8	0.26	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	2.045	0.0300	1.958	0.1221	0.0892	8	0.71	2%	0
032.41	Potassium, ICP, Dry ash (%)	0208	2.158	0.2260	1.958	0.1221	0.0892	8	1.64	5%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.824	0.0610				3			0
032.42	Potassium, ICP, Open vessel (%)	2207	1.965	0.0300				3			0
032.42	Potassium, ICP, Open vessel (%)	0047	2.000	0.2000				3			0
032.43	Potassium, ICP, Microwave (%)	0918	1.853	0.0050	1.929	0.0578	0.0348	8	-1.32	2%	0
032.43	Potassium, ICP, Microwave (%)	2033	1.900	0.0000	1.929	0.0578	0.0348	8	-0.50	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.900	0.1200	1.929	0.0578	0.0348	8	-0.50	1%	0
032.43	Potassium, ICP, Microwave (%)	2187	1.909	0.0285	1.929	0.0578	0.0348	8	-0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.915	0.0500	1.929	0.0578	0.0348	8	-0.24	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.960	0.0200	1.929	0.0578	0.0348	8	0.54	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.993	0.0550	1.929	0.0578	0.0348	8	1.11	2%	0
032.43	Potassium, ICP, Microwave (%)	2124	2.000	0.0000	1.929	0.0578	0.0348	8	1.24	2%	0
032.43	Potassium, ICP, Microwave (%)	0042	1.825	0.3300	1.929	0.0578	0.0348	8	-1.79	3%	1
032.44	Potassium, ICP, Dry ash (%)	2252	1.775	0.1100	1.823	0.0629	0.0636	6	-0.76	1%	0
032.44	Potassium, ICP, Dry ash (%)	2220	1.780	0.0200	1.823	0.0629	0.0636	6	-0.68	1%	0

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032.44	Potassium, ICP, Dry ash (%)	2156	1.790	0.0400	1.823	0.0629	0.0636	6	-0.52	1%	0
032.44	Potassium, ICP, Dry ash (%)	2219	1.805	0.0700	1.823	0.0629	0.0636	6	-0.28	0%	0
032.44	Potassium, ICP, Dry ash (%)	2114	1.885	0.0418	1.823	0.0629	0.0636	6	1.00	2%	0
032.44	Potassium, ICP, Dry ash (%)	2293	1.900	0.1000	1.823	0.0629	0.0636	6	1.23	2%	0
032.44	Potassium, ICP, Dry ash (%)	0065	1.405	0.9300	1.823	0.0629	0.0636	6	-6.64	11%	1
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.965	0.0100				1			0
032.99	Potassium, Miscellaneous (%)	0619	1.870	0.0400				2			0
032.99	Potassium, Miscellaneous (%)	0242	1.905	0.0700				2			0
033.00	Salt as chloride, Sol Cl (%)	0309	0.5919	0.0231				1			0
033.01	Salt as chloride, Poten Cl (%)	0619	0.4950	0.0220	0.5993	0.0190	0.0103	6	-5.50	9%	0
033.01	Salt as chloride, Poten Cl (%)	0650	0.5900	0.0000	0.5993	0.0190	0.0103	6	-0.49	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.6020	0.0160	0.5993	0.0190	0.0103	6	0.14	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.6050	0.0100	0.5993	0.0190	0.0103	6	0.30	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.6100	0.0000	0.5993	0.0190	0.0103	6	0.56	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.6180	0.0140	0.5993	0.0190	0.0103	6	0.98	2%	0
034.04	Selenium, AA, Hydride (ppm)	0171	< 0.05					0			5
034.41	Selenium, ICP, Dry ash (ppm)	0407	1.175	0.2500				1			0
034.43	Selenium, ICP, Microwave (ppm)	2124	< 1					0			5
034.51	Selenium, ICP-MS, Dry Ash (ppm)	0164	< 0.25					0			5
034.53	Selenium, ICP-MS, Microwave (ppm)	0553	0.0486	0.0011				3			0
034.53	Selenium, ICP-MS, Microwave (ppm)	2033	0.0647	0.0020				3			0
034.53	Selenium, ICP-MS, Microwave (ppm)	0918	0.0788	0.0097				3			0
035.41	Sodium, ICP, Dry ash (%)	0065	0.1000	0.0600	0.1370	0.0066	0.0127	12	-5.63	13%	0
035.41	Sodium, ICP, Dry ash (%)	2220	0.1300	0.0200	0.1370	0.0066	0.0127	12	-1.06	3%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.1315	0.0070	0.1370	0.0066	0.0127	12	-0.83	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.1350	0.0100	0.1370	0.0066	0.0127	12	-0.30	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.1350	0.0100	0.1370	0.0066	0.0127	12	-0.30	1%	0
035.41	Sodium, ICP, Dry ash (%)	2156	0.1350	0.0100	0.1370	0.0066	0.0127	12	-0.30	1%	0
035.41	Sodium, ICP, Dry ash (%)	2232	0.1365	0.0110	0.1370	0.0066	0.0127	12	-0.07	0%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.1409	0.0009	0.1370	0.0066	0.0127	12	0.59	1%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.1410	0.0020	0.1370	0.0066	0.0127	12	0.62	1%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.1415	0.0010	0.1370	0.0066	0.0127	12	0.69	2%	0
035.41	Sodium, ICP, Dry ash (%)	2219	0.1450	0.0100	0.1370	0.0066	0.0127	12	1.23	3%	0
035.41	Sodium, ICP, Dry ash (%)	2293	0.1450	0.0100	0.1370	0.0066	0.0127	12	1.23	3%	0
035.41	Sodium, ICP, Dry ash (%)	2252	0.1950	0.1300	0.1370	0.0066	0.0127	12	8.85	21%	1
035.42	Sodium, ICP, Open vessel (%)	0870	0.1252	0.0034				1			0
035.43	Sodium, ICP, Microwave (%)	2187	0.1224	0.0059	0.1286	0.0067	0.0036	7	-0.92	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.1245	0.0030	0.1286	0.0067	0.0036	7	-0.60	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.1250	0.0100	0.1286	0.0067	0.0036	7	-0.53	1%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.1250	0.0000	0.1286	0.0067	0.0036	7	-0.53	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.1300	0.0000	0.1286	0.0067	0.0036	7	0.22	1%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.1355	0.0050	0.1286	0.0067	0.0036	7	1.03	3%	0



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035.43	Sodium, ICP, Microwave (%)	2124	0.1375	0.0010	0.1286	0.0067	0.0036	7	1.33	3%	0
035.43	Sodium, ICP, Microwave (%)	0042	0.1245	0.0310	0.1286	0.0067	0.0036	7	-0.60	2%	1
035.43	Sodium, ICP, Microwave (%)	2033	1.200	0.0000	0.1286	0.0067	0.0036	7	159.50	417%	2
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.1280	0.0040				1			0
035.99	Sodium, Miscellaneous (%)	0242	0.1300	0.0000				1			0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.1335	0.0019				3			0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.1500	0.0000				3			0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.1550	0.0100				3			0
036.43	Sulfur, ICP, Microwave (%)	0407	0.1436	0.0077	0.1599	0.0137	0.0042	6	-1.20	5%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.1530	0.0020	0.1599	0.0137	0.0042	6	-0.51	2%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.1600	0.0000	0.1599	0.0137	0.0042	6	0.00	0%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.1605	0.0130	0.1599	0.0137	0.0042	6	0.04	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.1626	0.0024	0.1599	0.0137	0.0042	6	0.19	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.1800	0.0000	0.1599	0.0137	0.0042	6	1.47	6%	0
036.43	Sulfur, ICP, Microwave (%)	0042	0.1615	0.0310	0.1599	0.0137	0.0042	6	0.11	0%	1
036.43	Sulfur, ICP, Microwave (%)	2033	1.400	0.0000	0.1599	0.0137	0.0042	6	90.71	388%	2
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.1610	0.0040				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.1450	0.0100				1			0
037.31	Zinc, AAS, Dry ash (ppm)	2115	34.75	0.3800				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0529	36.75	0.3000				2			0
037.41	Zinc, ICP, Dry ash (ppm)	0164	30.00	0.0000	34.34	3.951	1.961	7	-1.10	6%	0
037.41	Zinc, ICP, Dry ash (ppm)	0051	31.54	4.430	34.34	3.951	1.961	7	-0.71	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0208	32.39	1.360	34.34	3.951	1.961	7	-0.49	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	34.56	2.360	34.34	3.951	1.961	7	0.06	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	34.59	0.7500	34.34	3.951	1.961	7	0.06	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	37.02	1.830	34.34	3.951	1.961	7	0.68	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0003	75.50	3.000	34.34	3.951	1.961	7	10.42	60%	0
037.42	Zinc, ICP, Open vessel (ppm)	2207	31.50	1.000				2			0
037.42	Zinc, ICP, Open vessel (ppm)	0870	37.97	0.4400				2			0
037.43	Zinc, ICP, Microwave (ppm)	0918	30.41	0.2500	33.96	2.530	0.9538	7	-1.41	5%	0
037.43	Zinc, ICP, Microwave (ppm)	2033	32.34	0.0864	33.96	2.530	0.9538	7	-0.64	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	33.39	1.270	33.96	2.530	0.9538	7	-0.23	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	34.00	0.0000	33.96	2.530	0.9538	7	0.02	0%	0
037.43	Zinc, ICP, Microwave (ppm)	2124	34.97	0.3400	33.96	2.530	0.9538	7	0.40	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	35.27	1.900	33.96	2.530	0.9538	7	0.52	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	37.36	2.830	33.96	2.530	0.9538	7	1.34	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0042	33.40	13.20	33.96	2.530	0.9538	7	-0.22	1%	1
037.44	Zinc, ICP, Dry ash (ppm)	2114	31.43	0.0665				1			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	36.40	1.800				1			0
037.99	Zinc, Miscellaneous (ppm)	0242	30.50	1.000				2			0
037.99	Zinc, Miscellaneous (ppm)	0619	43.70	4.000				2			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.063	0.0893				2			0

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038.41	Molybdenum, ICP, Dry ash (ppm)	0171	2.320	0.1570				2			0
038.43	Molybdenum, ICP, Microwave (ppm)	2033	1.041	0.0053				3			0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	1.206	0.0280				3			0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.300	0.0000				3			0
038.51	Molybdenum, ICP-MS, Dry ash (ppm)	0164	1.320	0.1200				1			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0918	0.9238	0.0488				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	1.185	0.0500				2			0
040.53	Barium, ICP-MS, Microwave (ppm)	0918	45.43	0.8969				1			0
042.00	Chloride, Titrimetric (%)	2124	0.3700	0.0000				1			0
106.02	Vitamin A, LC (KU / kg)	0676	0.3350	0.0300				1			0
109.02	Vitamin E, LC (IU / kg)	0676	31.12	0.9500				1			0
111.98	Vitamin C, Ascorbic Acid, Miscellaneous (ppm)	0676	9.170	0.9800				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.4324	0.0018	0.4614	0.0204	0.0191	6	-1.42	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.4500	0.0600	0.4614	0.0204	0.0191	6	-0.56	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.4593	0.0247	0.4614	0.0204	0.0191	6	-0.11	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.4720	0.0180	0.4614	0.0204	0.0191	6	0.52	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.4750	0.0100	0.4614	0.0204	0.0191	6	0.66	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.4800	0.0000	0.4614	0.0204	0.0191	6	0.91	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.4750	0.0300				1			0
120.99	Alanine, Miscellaneous (%)	2115	0.4905	0.0010				2			0
120.99	Alanine, Miscellaneous (%)	0160	0.5050	0.0100				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	0.3200	0.0200	0.3510	0.0216	0.0160	6	-1.43	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.3439	0.0117	0.3510	0.0216	0.0160	6	-0.33	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.3470	0.0125	0.3510	0.0216	0.0160	6	-0.19	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.3550	0.0100	0.3510	0.0216	0.0160	6	0.19	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	0.3650	0.0100	0.3510	0.0216	0.0160	6	0.65	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.3750	0.0320	0.3510	0.0216	0.0160	6	1.11	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.3800	0.0200				1			0
121.99	Arginine, Miscellaneous (%)	2115	0.3995	0.0050				2			0
121.99	Arginine, Miscellaneous (%)	0160	0.4350	0.0100				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	0.7540	0.0018	0.8226	0.0451	0.0184	6	-1.52	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	0.8110	0.0427	0.8226	0.0451	0.0184	6	-0.26	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	0.8200	0.0000	0.8226	0.0451	0.0184	6	-0.06	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	0.8250	0.0100	0.8226	0.0451	0.0184	6	0.05	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	0.8600	0.0200	0.8226	0.0451	0.0184	6	0.83	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	0.8650	0.0360	0.8226	0.0451	0.0184	6	0.94	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	0.8750	0.0100				1			0
122.99	Aspartic, Miscellaneous (%)	2115	0.8195	0.0010				2			0
122.99	Aspartic, Miscellaneous (%)	0160	0.9150	0.0300				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	0.0207	0.0018	0.0677	0.0291	0.0020	6	-1.61	35%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0227	0.0500	0.0000	0.0677	0.0291	0.0020	6	-0.61	13%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0171	0.0750	0.0100	0.0677	0.0291	0.0020	6	0.25	5%	0

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124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.0800	0.0000	0.0677	0.0291	0.0020	6	0.42	9%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.0870	0.0000	0.0677	0.0291	0.0020	6	0.66	14%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.0900	0.0000	0.0677	0.0291	0.0020	6	0.77	17%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0160	0.1050	0.0700	0.0677	0.0291	0.0020	6	1.28	28%	1
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.0600	0.0000				1			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2115	< 0.1					0			5
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	0.9786	0.0036	1.079	0.0845	0.0275	6	-1.18	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	1.050	0.0000	1.079	0.0845	0.0275	6	-0.34	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	1.055	0.0700	1.079	0.0845	0.0275	6	-0.28	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	1.087	0.0613	1.079	0.0845	0.0275	6	0.10	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	1.095	0.0100	1.079	0.0845	0.0275	6	0.19	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	1.250	0.0200	1.079	0.0845	0.0275	6	2.03	8%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	0.9650	0.0300				1			0
125.99	Glutamic, Miscellaneous (%)	2115	1.076	0.0080				2			0
125.99	Glutamic, Miscellaneous (%)	0160	1.140	0.0000				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.3539	0.0050	0.3874	0.0273	0.0078	6	-1.22	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.3703	0.0179	0.3874	0.0273	0.0078	6	-0.63	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.3900	0.0000	0.3874	0.0273	0.0078	6	0.10	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.3900	0.0000	0.3874	0.0273	0.0078	6	0.10	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.3950	0.0100	0.3874	0.0273	0.0078	6	0.28	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.4250	0.0140	0.3874	0.0273	0.0078	6	1.38	5%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.4250	0.0100				1			0
126.99	Glycine, Miscellaneous (%)	2115	0.4095	0.0010				2			0
126.99	Glycine, Miscellaneous (%)	0160	0.4450	0.0900				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.1551	0.0009	0.1859	0.0450	0.0004	5			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.1600	0.0000	0.1859	0.0450	0.0004	5			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.1700	0.0000	0.1859	0.0450	0.0004	5			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.1800	0.0000	0.1859	0.0450	0.0004	5			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.2645	0.0010	0.1859	0.0450	0.0004	5			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.1594	0.0110	0.1859	0.0450	0.0004	5			1
127.05	Histidine, Pre-col AQC Der (%)	0676	0.1600	0.0000				1			0
127.99	Histidine, Miscellaneous (%)	0160	0.1900	0.0200				2			0
127.99	Histidine, Miscellaneous (%)	2115	0.2085	0.0010				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.2865	0.0130	0.3279	0.0369	0.0106	6	-1.12	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.2960	0.0003	0.3279	0.0369	0.0106	6	-0.87	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.3250	0.0100	0.3279	0.0369	0.0106	6	-0.08	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.3350	0.0100	0.3279	0.0369	0.0106	6	0.19	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.3550	0.0100	0.3279	0.0369	0.0106	6	0.73	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.3699	0.0204	0.3279	0.0369	0.0106	6	1.14	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.3350	0.0300				1			0
128.99	Isoleucine, Miscellaneous (%)	0160	0.3650	0.0100				2			0
128.99	Isoleucine, Miscellaneous (%)	2115	0.3665	0.0010				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			
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	0.5335	0.0022	0.5836	0.0306	0.0132	6	-1.63	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	0.5700	0.0200	0.5836	0.0306	0.0132	6	-0.44	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	0.5850	0.0100	0.5836	0.0306	0.0132	6	0.05	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	0.5940	0.0320	0.5836	0.0306	0.0132	6	0.34	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	0.6000	0.0000	0.5836	0.0306	0.0132	6	0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	0.6148	0.0147	0.5836	0.0306	0.0132	6	1.02	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	0.5800	0.0400				1			0
129.99	Leucine, Miscellaneous (%)	2115	0.6125	0.0010				2			0
129.99	Leucine, Miscellaneous (%)	0160	0.6250	0.0100				2			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.4228	0.0112	0.4413	0.0282	0.0125	6	-0.66	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.4255	0.0190	0.4413	0.0282	0.0125	6	-0.56	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.4260	0.0048	0.4413	0.0282	0.0125	6	-0.54	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.4300	0.0000	0.4413	0.0282	0.0125	6	-0.40	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.4600	0.0000	0.4413	0.0282	0.0125	6	0.66	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.5300	0.0400	0.4413	0.0282	0.0125	6	3.14	10%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.4550	0.0300				1			0
130.99	L-Lysine, Miscellaneous (%)	0160	0.4800	0.0400				2			0
130.99	L-Lysine, Miscellaneous (%)	2115	0.5100	0.0020				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.1266	0.0061	0.1382	0.0065	0.0057	6	-1.79	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0160	0.1350	0.0100	0.1382	0.0065	0.0057	6	-0.50	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.1400	0.0000	0.1382	0.0065	0.0057	6	0.27	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.1400	0.0000	0.1382	0.0065	0.0057	6	0.27	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.1410	0.0080	0.1382	0.0065	0.0057	6	0.42	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.1450	0.0100	0.1382	0.0065	0.0057	6	1.03	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.1200	0.0400	0.1382	0.0065	0.0057	6	-2.79	7%	1
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.1350	0.0100				1			0
131.99	Methionine, Miscellaneous (%)	2115	0.1335	0.0010				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.3390	0.0140	0.3709	0.0379	0.0076	6	-0.84	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.3450	0.0100	0.3709	0.0379	0.0076	6	-0.68	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.3539	0.0177	0.3709	0.0379	0.0076	6	-0.45	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.3700	0.0000	0.3709	0.0379	0.0076	6	-0.02	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.3900	0.0000	0.3709	0.0379	0.0076	6	0.50	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.4296	0.0036	0.3709	0.0379	0.0076	6	1.55	8%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.3850	0.0100				1			0
132.99	Phenylalanine, Miscellaneous (%)	2115	0.3850	0.0020				2			0
132.99	Phenylalanine, Miscellaneous (%)	0160	0.3900	0.0000				2			0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.2837	0.0126	0.3104	0.0211	0.0129	6	-1.27	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.2929	0.0269	0.3104	0.0211	0.0129	6	-0.83	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.3100	0.0000	0.3104	0.0211	0.0129	6	-0.02	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.3210	0.0080	0.3104	0.0211	0.0129	6	0.50	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	0.3250	0.0300	0.3104	0.0211	0.0129	6	0.69	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	0.3300	0.0000	0.3104	0.0211	0.0129	6	0.93	3%	0

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133.05	Proline, Pre-col AQC Der (%)	0676	0.3150	0.0300				1		0	
133.99	Proline, Miscellaneous (%)	2115	0.3495	0.0010				2		0	
133.99	Proline, Miscellaneous (%)	0160	0.3600	0.0200				2		0	
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.3050	0.0100	0.3589	0.0372	0.0071	6	-1.45	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.3372	0.0009	0.3589	0.0372	0.0071	6	-0.58	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.3600	0.0000	0.3589	0.0372	0.0071	6	0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.3740	0.0196	0.3589	0.0372	0.0071	6	0.41	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.3850	0.0100	0.3589	0.0372	0.0071	6	0.70	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.3920	0.0020	0.3589	0.0372	0.0071	6	0.89	5%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.3750	0.0100				1		0	
134.99	Serine, Miscellaneous (%)	2115	0.3825	0.0030				2		0	
134.99	Serine, Miscellaneous (%)	0160	0.3850	0.0500				2		0	
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.3268	0.0037	0.3382	0.0116	0.0084	6	-0.99	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.3300	0.0200	0.3382	0.0116	0.0084	6	-0.71	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.3334	0.0124	0.3382	0.0116	0.0084	6	-0.41	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.3400	0.0000	0.3382	0.0116	0.0084	6	0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.3450	0.0100	0.3382	0.0116	0.0084	6	0.59	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.3540	0.0040	0.3382	0.0116	0.0084	6	1.37	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.3600	0.0000				1		0	
135.99	Threonine, Miscellaneous (%)	0160	0.2800	0.0200				2		0	
135.99	Threonine, Miscellaneous (%)	2115	0.3605	0.0030				2		0	
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.0900	0.0032	0.1323	0.0353	0.0033	4		0	
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.1240	0.0000	0.1323	0.0353	0.0033	4		0	
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.1400	0.0000	0.1323	0.0353	0.0033	4		0	
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.1750	0.0100	0.1323	0.0353	0.0033	4		0	
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2114	0.1617	0.0039				1		0	
136.99	Tryptophan, Miscellaneous (%)	0504	0.0650	0.0100				2		0	
136.99	Tryptophan, Miscellaneous (%)	0160	0.0850	0.0300				2		0	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.1850	0.0100	0.2203	0.0348	0.0063	5		0	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.2100	0.0000	0.2203	0.0348	0.0063	5		0	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.2129	0.0083	0.2203	0.0348	0.0063	5		0	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.2150	0.0100	0.2203	0.0348	0.0063	5		0	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.2788	0.0033	0.2203	0.0348	0.0063	5		0	
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.2700	0.0000				1		0	
137.99	Tyrosine, Miscellaneous (%)	2115	0.2255	0.0010				2		0	
137.99	Tyrosine, Miscellaneous (%)	0160	0.2700	0.0200				2		0	
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.3860	0.0080	0.4282	0.0371	0.0181	6	-1.14	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.4037	0.0090	0.4282	0.0371	0.0181	6	-0.66	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.4100	0.0600	0.4282	0.0371	0.0181	6	-0.49	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.4447	0.0215	0.4282	0.0371	0.0181	6	0.44	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.4600	0.0000	0.4282	0.0371	0.0181	6	0.86	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.4650	0.0100	0.4282	0.0371	0.0181	6	0.99	4%	0



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138.05	Valine, Pre-col AQC Der (%)	0676	0.4800	0.0200				1		0	
138.99	Valine, Miscellaneous (%)	2115	0.4405	0.0030				2		0	
138.99	Valine, Miscellaneous (%)	0160	0.4550	0.0100				2		0	
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.2050	0.1300				1		0	
160.99	Fructose, Miscellaneous (%)	0227	0.9900	0.0000				1		0	
162.99	Glucose, Miscellaneous (%)	0227	1.640	0.0200				1		0	
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0		5	
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0		5	
165.99	Sucrose, Miscellaneous (%)	0227	1.115	0.0300				1		0	
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.3196	0.0019				2		0	
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.3340	0.0026				2		0	
400.99	Water Activity, Miscellaneous (Units)	2083	0.3645	0.0030				1		0	
516.00	Arsenic, Total, AA, Hydride (ppm)	0171	0.1280	0.0680				1		0	
516.43	Arsenic, Total, ICP, Microwave (ppm)	0407	1.015	0.1510				1		0	
516.43	Arsenic, Total, ICP, Microwave (ppm)	2124	< 0.89					1		5	
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0553	0.1530	0.0080	0.1767	0.0191	0.0052	4		0	
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	2033	0.1755	0.0047	0.1767	0.0191	0.0052	4		0	
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0227	0.1785	0.0050	0.1767	0.0191	0.0052	4		0	
516.53	Arsenic, Total, ICP-MS, Microwave (ppm)	0918	0.1997	0.0029	0.1767	0.0191	0.0052	4		0	
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.1036	0.0627				2		0	
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.6005	0.1050				2		0	
518.43	Cadmium, ICP, Microwave (ppm)	2124	0.5450	0.0100				1		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0918	0.4799	0.0012	0.5021	0.0292	0.0110	4		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	2033	0.4816	0.0086	0.5021	0.0292	0.0110	4		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.5045	0.0190	0.5021	0.0292	0.0110	4		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.5425	0.0150	0.5021	0.0292	0.0110	4		0	
520.41	Chromium, ICP, Dry ash (ppm)	0407	6.995	0.4555				2		0	
520.41	Chromium, ICP, Dry ash (ppm)	0171	12.18	0.6090				2		0	
520.43	Chromium, ICP, Microwave (ppm)	2033	8.590	0.2500				2		0	
520.43	Chromium, ICP, Microwave (ppm)	0510	10.86	0.0600				2		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0918	5.270	1.690				2		0	
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	10.40	0.2000				2		0	
526.41	Lead, ICP, Dry ash (ppm)	0407	0.3539	0.0909				2		0	
526.41	Lead, ICP, Dry ash (ppm)	0171	0.5430	0.0260				2		0	
526.53	Lead, ICP-MS, Microwave (ppm)	2033	0.3536	0.0123	0.4059	0.0359	0.0161	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0918	0.4172	0.0022	0.4059	0.0359	0.0161	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.4180	0.0360	0.4059	0.0359	0.0161	4		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.4350	0.0140	0.4059	0.0359	0.0161	4		0	
529.99	Mercury, Miscellaneous (ppb)	2033	8.113	0.4360				1		0	
539.41	Nickel, ICP, Dry ash (ppm)	0407	3.355	0.9214				2		0	
539.41	Nickel, ICP, Dry ash (ppm)	0171	36,879	73,742				2		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0918	2.293	0.2992				2		0	

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539.53	Nickel, ICP-MS, Microwave (ppm)	0553	3.980	0.0400				2		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	2124	0.0100	0.0000				1		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	2124	< 0.01					0		5	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	2124	0.2850	0.0100				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	2124	< 0.01					0		5	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	2124	0.0300	0.0000				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	2124	0.1300	0.0000				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	2124	0.8450	0.0100				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	2124	0.2250	0.0100				1		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	2124	< 0.01					0		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	2124	< 0.01					0		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (% (w/w))	2124	0.2350	0.0100				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (% (w/w))	2124	0.8500	0.0000				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	2124	1.545	0.0100				1		0	

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