



Pet Food Ingredient Scheme
Cranberry Pomace
Test Material Code # 202143

Labs Reporting: 62
Methods Reported 211
Issue Date : 09/30/2021

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 (%)	0309	8.319	0.0900				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	8.475	0.0440				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.900	0.6400				3			0
001.03	Loss on Drying, Low temp. methods (%)	2124	7.115	0.0700				2			0
001.03	Loss on Drying, Low temp. methods (%)	0619	10.20	0.2000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	7.740	0.2400	8.447	0.2133	0.1339	25	-3.32	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	8.005	0.2300	8.447	0.2133	0.1339	25	-2.07	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0027	8.085	0.1840	8.447	0.2133	0.1339	25	-1.70	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2252	8.155	0.4900	8.447	0.2133	0.1339	25	-1.37	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2362	8.315	0.1700	8.447	0.2133	0.1339	25	-0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2156	8.330	0.2400	8.447	0.2133	0.1339	25	-0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2361	8.360	0.0400	8.447	0.2133	0.1339	25	-0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.390	0.5200	8.447	0.2133	0.1339	25	-0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2293	8.390	0.1200	8.447	0.2133	0.1339	25	-0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.402	0.0640	8.447	0.2133	0.1339	25	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2187	8.415	0.0100	8.447	0.2133	0.1339	25	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2219	8.425	0.2100	8.447	0.2133	0.1339	25	-0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1021	8.430	0.0600	8.447	0.2133	0.1339	25	-0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.450	0.0400	8.447	0.2133	0.1339	25	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	8.500	0.0000	8.447	0.2133	0.1339	25	0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1022	8.500	0.0400	8.447	0.2133	0.1339	25	0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.540	0.1000	8.447	0.2133	0.1339	25	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1024	8.545	0.0100	8.447	0.2133	0.1339	25	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2330	8.560	0.0400	8.447	0.2133	0.1339	25	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	8.575	0.1100	8.447	0.2133	0.1339	25	0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1020	8.610	0.1200	8.447	0.2133	0.1339	25	0.76	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0873	8.630	0.0200	8.447	0.2133	0.1339	25	0.86	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2220	8.750	0.0600	8.447	0.2133	0.1339	25	1.42	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	1023	8.765	0.0300	8.447	0.2133	0.1339	25	1.49	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.820	0.2000	8.447	0.2133	0.1339	25	1.75	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	6.665	0.0500	8.355	1.029	0.0514	7	-1.64	10%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	7.960	0.0200	8.355	1.029	0.0514	7	-0.38	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.000	0.0000	8.355	1.029	0.0514	7	-0.34	2%	0

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001.99	Loss on Drying, Miscellaneous (%)	0910	8.300	0.0000	8.355	1.029	0.0514	7	-0.05	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2242	8.710	0.1600	8.355	1.029	0.0514	7	0.34	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2115	9.070	0.0400	8.355	1.029	0.0514	7	0.69	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	9.635	0.0900	8.355	1.029	0.0514	7	1.24	8%	0
002.00	Protein, Crude, Crude (%)	0845	7.840	0.0400				1			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0889	7.605	0.8500	7.755	0.1537	0.4500	4			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0164	7.720	0.4400	7.755	0.1537	0.4500	4			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0619	7.725	0.1500	7.755	0.1537	0.4500	4			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	7.970	0.3600	7.755	0.1537	0.4500	4			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	7.335	0.3100				2			0
002.04	Protein, Crude, Copper Catalyst (%)	2122	7.480	0.0000				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2115	7.640	0.0600				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2360	7.670	0.1400				2			0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	6.145	0.7900	7.737	0.3327	0.2217	51	-4.78	10%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0958	6.765	0.0900	7.737	0.3327	0.2217	51	-2.92	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2312	7.025	0.0900	7.737	0.3327	0.2217	51	-2.14	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	7.209	0.2812	7.737	0.3327	0.2217	51	-1.58	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	7.240	0.2446	7.737	0.3327	0.2217	51	-1.49	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	7.290	0.2200	7.737	0.3327	0.2217	51	-1.34	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	7.315	0.4500	7.737	0.3327	0.2217	51	-1.27	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2115	7.370	0.0800	7.737	0.3327	0.2217	51	-1.10	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2124	7.495	0.3300	7.737	0.3327	0.2217	51	-0.73	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	1023	7.501	0.2723	7.737	0.3327	0.2217	51	-0.71	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2252	7.543	0.2506	7.737	0.3327	0.2217	51	-0.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	7.562	0.0680	7.737	0.3327	0.2217	51	-0.53	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	1021	7.564	0.1344	7.737	0.3327	0.2217	51	-0.52	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2330	7.585	0.0100	7.737	0.3327	0.2217	51	-0.46	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	1020	7.601	0.1655	7.737	0.3327	0.2217	51	-0.41	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0873	7.620	0.1000	7.737	0.3327	0.2217	51	-0.35	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2219	7.625	0.2100	7.737	0.3327	0.2217	51	-0.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2169	7.635	0.1300	7.737	0.3327	0.2217	51	-0.31	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2187	7.640	0.0200	7.737	0.3327	0.2217	51	-0.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	7.650	0.3000	7.737	0.3327	0.2217	51	-0.26	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	7.655	0.2500	7.737	0.3327	0.2217	51	-0.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	7.670	0.4200	7.737	0.3327	0.2217	51	-0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	7.700	0.1400	7.737	0.3327	0.2217	51	-0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	7.707	0.0140	7.737	0.3327	0.2217	51	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2242	7.710	0.6000	7.737	0.3327	0.2217	51	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2361	7.725	0.4100	7.737	0.3327	0.2217	51	-0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2362	7.735	0.1100	7.737	0.3327	0.2217	51	-0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	7.750	0.5000	7.737	0.3327	0.2217	51	0.04	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2156	7.765	0.1300	7.737	0.3327	0.2217	51	0.09	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	7.785	0.1700	7.737	0.3327	0.2217	51	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	7.800	0.8000	7.737	0.3327	0.2217	51	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	7.801	0.1410	7.737	0.3327	0.2217	51	0.19	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2050	7.810	0.1000	7.737	0.3327	0.2217	51	0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2220	7.825	0.2300	7.737	0.3327	0.2217	51	0.27	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	7.829	0.3310	7.737	0.3327	0.2217	51	0.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	7.845	0.1900	7.737	0.3327	0.2217	51	0.33	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	7.865	0.0300	7.737	0.3327	0.2217	51	0.39	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2293	7.885	0.3300	7.737	0.3327	0.2217	51	0.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0208	7.895	0.0700	7.737	0.3327	0.2217	51	0.48	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	7.900	0.0000	7.737	0.3327	0.2217	51	0.49	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2016	7.915	0.4300	7.737	0.3327	0.2217	51	0.54	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	7.960	0.1951	7.737	0.3327	0.2217	51	0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	8.100	0.0000	7.737	0.3327	0.2217	51	1.09	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2232	8.105	0.2100	7.737	0.3327	0.2217	51	1.11	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	8.330	0.0800	7.737	0.3327	0.2217	51	1.78	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2207	8.400	0.1200	7.737	0.3327	0.2217	51	1.99	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	1022	8.460	0.1400	7.737	0.3327	0.2217	51	2.17	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	1024	8.655	0.4300	7.737	0.3327	0.2217	51	2.76	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2033	8.670	0.2200	7.737	0.3327	0.2217	51	2.81	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2302	8.690	0.0000	7.737	0.3327	0.2217	51	2.87	6%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	8.850	0.2800	7.737	0.3327	0.2217	51	3.35	7%	0
002.08	Protein, Crude, Cu/Ti (%)	0098	7.735	0.1300				1			0
002.11	Protein, Crude, NIR (%)	2232	8.990	0.1400				2			0
002.11	Protein, Crude, NIR (%)	0889	9.300	0.2200				2			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2115	7.770	0.0600	10.49	1.376	0.3183	12	-1.98	13%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	1023	8.920	0.3200	10.49	1.376	0.3183	12	-1.14	7%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	1020	9.090	0.0200	10.49	1.376	0.3183	12	-1.02	7%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	1021	10.01	0.7200	10.49	1.376	0.3183	12	-0.35	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0309	10.30	0.0000	10.49	1.376	0.3183	12	-0.14	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2361	10.63	0.1900	10.49	1.376	0.3183	12	0.10	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2219	10.74	0.1600	10.49	1.376	0.3183	12	0.18	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2362	10.94	0.7300	10.49	1.376	0.3183	12	0.32	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2220	11.22	0.0700	10.49	1.376	0.3183	12	0.53	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2293	11.35	0.5200	10.49	1.376	0.3183	12	0.63	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2330	11.74	0.4600	10.49	1.376	0.3183	12	0.91	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2156	12.53	0.5700	10.49	1.376	0.3183	12	1.48	10%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	9.290	0.5800				1			0
003.06	Fat, Crude, Pet Ether (%)	0918	7.715	0.0900				3			0
003.06	Fat, Crude, Pet Ether (%)	2033	8.275	0.0500				3			0
003.06	Fat, Crude, Pet Ether (%)	0164	8.510	0.2800				3			0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	10.22	0.3300				1			0

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003.10	Fat, Crude, Randall, Pet Ether (%)	2089	6.930	0.2000	7.149	0.1998	0.1470	7	-1.10	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	7.058	0.0870	7.149	0.1998	0.1470	7	-0.46	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	7.060	0.1000	7.149	0.1998	0.1470	7	-0.45	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2232	7.065	0.3300	7.149	0.1998	0.1470	7	-0.42	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	7.180	0.0600	7.149	0.1998	0.1470	7	0.15	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	7.304	0.2320	7.149	0.1998	0.1470	7	0.77	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	8.490	0.0200	7.149	0.1998	0.1470	7	6.71	9%	0
003.11	Fat, Crude, NIR (%)	2232	1.030	0.4200				2			0
003.11	Fat, Crude, NIR (%)	0889	7.370	0.0800				2			0
003.12	Fat, Crude, Hexane Ext (%)	0171	7.900	0.1200				1			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2360	7.290	0.1600				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	8.003	0.0794				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	9.160	0.1600				3			0
003.14	Fat, Crude, Ankom (%)	0015	7.615	0.4500	8.473	0.5843	0.1930	9	-1.47	5%	0
003.14	Fat, Crude, Ankom (%)	0529	8.090	0.0000	8.473	0.5843	0.1930	9	-0.65	2%	0
003.14	Fat, Crude, Ankom (%)	0074	8.165	0.0900	8.473	0.5843	0.1930	9	-0.53	2%	0
003.14	Fat, Crude, Ankom (%)	0876	8.300	0.0000	8.473	0.5843	0.1930	9	-0.30	1%	0
003.14	Fat, Crude, Ankom (%)	0407	8.490	0.4667	8.473	0.5843	0.1930	9	0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0619	8.515	0.2100	8.473	0.5843	0.1930	9	0.07	0%	0
003.14	Fat, Crude, Ankom (%)	2115	8.725	0.3700	8.473	0.5843	0.1930	9	0.43	1%	0
003.14	Fat, Crude, Ankom (%)	2302	9.005	0.1300	8.473	0.5843	0.1930	9	0.91	3%	0
003.14	Fat, Crude, Ankom (%)	0510	9.930	0.0200	8.473	0.5843	0.1930	9	2.49	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	15.45	0.9000	16.78	1.112	0.9228	8	-1.20	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	15.80	0.2000	16.78	1.112	0.9228	8	-0.88	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	16.01	0.0900	16.78	1.112	0.9228	8	-0.70	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	16.72	1.280	16.78	1.112	0.9228	8	-0.05	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2312	16.85	1.500	16.78	1.112	0.9228	8	0.06	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	17.60	1.000	16.78	1.112	0.9228	8	0.74	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0042	17.62	1.870	16.78	1.112	0.9228	8	0.75	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	18.20	0.5422	16.78	1.112	0.9228	8	1.28	4%	0
004.03	Fiber, Crude, Fritted Glass (%)	2089	15.25	0.0800				2			0
004.03	Fiber, Crude, Fritted Glass (%)	2360	17.14	0.2100				2			0
004.06	Fiber, Crude, Fibertec (%)	2115	15.61	0.6800	17.90	1.665	0.3998	4			0
004.06	Fiber, Crude, Fibertec (%)	0027	18.10	0.3890	17.90	1.665	0.3998	4			0
004.06	Fiber, Crude, Fibertec (%)	0918	18.32	0.0900	17.90	1.665	0.3998	4			0
004.06	Fiber, Crude, Fibertec (%)	0845	19.59	0.4400	17.90	1.665	0.3998	4			0
004.07	Fiber, Crude, ANKOM (%)	2033	14.60	0.4000	16.06	1.075	0.3089	16	-1.36	5%	0
004.07	Fiber, Crude, ANKOM (%)	2115	14.99	0.4500	16.06	1.075	0.3089	16	-1.00	3%	0
004.07	Fiber, Crude, ANKOM (%)	0407	15.16	0.7324	16.06	1.075	0.3089	16	-0.84	3%	0
004.07	Fiber, Crude, ANKOM (%)	0619	15.25	0.1000	16.06	1.075	0.3089	16	-0.76	3%	0
004.07	Fiber, Crude, ANKOM (%)	2302	15.36	0.1000	16.06	1.075	0.3089	16	-0.66	2%	0
004.07	Fiber, Crude, ANKOM (%)	0910	15.40	0.0000	16.06	1.075	0.3089	16	-0.62	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.07	Fiber, Crude, ANKOM (%)	0876	15.55	0.3000	16.06	1.075	0.3089	16	-0.48	2%	0
004.07	Fiber, Crude, ANKOM (%)	0510	15.60	0.0000	16.06	1.075	0.3089	16	-0.43	1%	0
004.07	Fiber, Crude, ANKOM (%)	0242	16.25	0.0700	16.06	1.075	0.3089	16	0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0003	16.29	0.5600	16.06	1.075	0.3089	16	0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	0553	16.55	0.1500	16.06	1.075	0.3089	16	0.45	1%	0
004.07	Fiber, Crude, ANKOM (%)	0074	16.89	0.7000	16.06	1.075	0.3089	16	0.77	3%	0
004.07	Fiber, Crude, ANKOM (%)	0870	16.92	0.3204	16.06	1.075	0.3089	16	0.79	3%	0
004.07	Fiber, Crude, ANKOM (%)	2207	17.26	0.0500	16.06	1.075	0.3089	16	1.11	4%	0
004.07	Fiber, Crude, ANKOM (%)	0529	17.30	0.0400	16.06	1.075	0.3089	16	1.15	4%	0
004.07	Fiber, Crude, ANKOM (%)	2124	17.94	0.9700	16.06	1.075	0.3089	16	1.74	6%	0
004.07	Fiber, Crude, ANKOM (%)	0889	0.0000	0.0000	16.06	1.075	0.3089	16			4
005.00	Ash, 2h @ 600°C (%)	0309	1.022	0.2010	1.207	0.0598	0.0565	32	-3.11	8%	0
005.00	Ash, 2h @ 600°C (%)	2124	1.045	0.0900	1.207	0.0598	0.0565	32	-2.72	7%	0
005.00	Ash, 2h @ 600°C (%)	2016	1.100	0.0200	1.207	0.0598	0.0565	32	-1.80	4%	0
005.00	Ash, 2h @ 600°C (%)	2232	1.130	0.1600	1.207	0.0598	0.0565	32	-1.29	3%	0
005.00	Ash, 2h @ 600°C (%)	2089	1.145	0.1500	1.207	0.0598	0.0565	32	-1.04	3%	0
005.00	Ash, 2h @ 600°C (%)	0242	1.150	0.0200	1.207	0.0598	0.0565	32	-0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	1023	1.155	0.0300	1.207	0.0598	0.0565	32	-0.88	2%	0
005.00	Ash, 2h @ 600°C (%)	0208	1.160	0.0400	1.207	0.0598	0.0565	32	-0.79	2%	0
005.00	Ash, 2h @ 600°C (%)	2302	1.160	0.1200	1.207	0.0598	0.0565	32	-0.79	2%	0
005.00	Ash, 2h @ 600°C (%)	2242	1.165	0.1900	1.207	0.0598	0.0565	32	-0.71	2%	0
005.00	Ash, 2h @ 600°C (%)	0164	1.185	0.0100	1.207	0.0598	0.0565	32	-0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	1.190	0.0400	1.207	0.0598	0.0565	32	-0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	1020	1.190	0.0200	1.207	0.0598	0.0565	32	-0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	2033	1.200	0.0000	1.207	0.0598	0.0565	32	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2312	1.205	0.0100	1.207	0.0598	0.0565	32	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	1.215	0.0500	1.207	0.0598	0.0565	32	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	1.220	0.0600	1.207	0.0598	0.0565	32	0.21	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	1.225	0.0700	1.207	0.0598	0.0565	32	0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	1.235	0.0700	1.207	0.0598	0.0565	32	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	1.242	0.0182	1.207	0.0598	0.0565	32	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	1.243	0.1488	1.207	0.0598	0.0565	32	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	1021	1.245	0.0300	1.207	0.0598	0.0565	32	0.63	2%	0
005.00	Ash, 2h @ 600°C (%)	2220	1.245	0.0100	1.207	0.0598	0.0565	32	0.63	2%	0
005.00	Ash, 2h @ 600°C (%)	0504	1.250	0.0400	1.207	0.0598	0.0565	32	0.71	2%	0
005.00	Ash, 2h @ 600°C (%)	2293	1.250	0.0200	1.207	0.0598	0.0565	32	0.71	2%	0
005.00	Ash, 2h @ 600°C (%)	2330	1.250	0.0000	1.207	0.0598	0.0565	32	0.71	2%	0
005.00	Ash, 2h @ 600°C (%)	2156	1.255	0.0700	1.207	0.0598	0.0565	32	0.80	2%	0
005.00	Ash, 2h @ 600°C (%)	2219	1.260	0.0000	1.207	0.0598	0.0565	32	0.88	2%	0
005.00	Ash, 2h @ 600°C (%)	2361	1.260	0.0000	1.207	0.0598	0.0565	32	0.88	2%	0
005.00	Ash, 2h @ 600°C (%)	2362	1.260	0.0200	1.207	0.0598	0.0565	32	0.88	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	1.305	0.0100	1.207	0.0598	0.0565	32	1.63	4%	0

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005.00	Ash, 2h @ 600°C (%)	2252	1.315	0.0900	1.207	0.0598	0.0565	32	1.80	4%	0
005.00	Ash, 2h @ 600°C (%)	0650	0.0250	0.0100	1.207	0.0598	0.0565	32	-19.78	49%	2
005.03	Ash, Microwave furnace (%)	2187	1.230	0.0200				1			0
005.05	Ash, 3h @ 550°C (%)	0889	1.220	0.0400	1.249	0.0361	0.0275	4			0
005.05	Ash, 3h @ 550°C (%)	2050	1.220	0.0400	1.249	0.0361	0.0275	4			0
005.05	Ash, 3h @ 550°C (%)	0845	1.260	0.0200	1.249	0.0361	0.0275	4			0
005.05	Ash, 3h @ 550°C (%)	0619	1.295	0.0100	1.249	0.0361	0.0275	4			0
005.11	Ash, NIR (%)	2232	3.765	1.730				2			0
005.11	Ash, NIR (%)	0889	3.775	0.0700				2			0
005.99	Ash, Miscellaneous (%)	2169	1.000	0.0000				3			0
005.99	Ash, Miscellaneous (%)	1024	1.165	0.0100				3			0
005.99	Ash, Miscellaneous (%)	1022	1.285	0.0100				3			0
006.00	Total Sugars, As sucrose (%)	0910	22.40	0.0000				2			0
006.00	Total Sugars, As sucrose (%)	0407	31.99	1.920				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	22.60	0.0016				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	23.32	0.3900				2			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	20.80	0.4600	23.50	1.939	0.7784	10	-1.39	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0160	21.55	1.500	23.50	1.939	0.7784	10	-1.00	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	22.20	0.4000	23.50	1.939	0.7784	10	-0.67	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	22.47	0.2819	23.50	1.939	0.7784	10	-0.53	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	23.30	0.6000	23.50	1.939	0.7784	10	-0.10	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	23.71	0.0400	23.50	1.939	0.7784	10	0.11	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	24.97	2.030	23.50	1.939	0.7784	10	0.76	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	25.12	0.2720	23.50	1.939	0.7784	10	0.83	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0015	25.19	1.170	23.50	1.939	0.7784	10	0.87	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	25.69	1.030	23.50	1.939	0.7784	10	1.13	5%	0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	23.53	0.0320				2			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0910	23.72	0.0000				2			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%)	0504	26.82	0.3400				1			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	27.31	0.3830				1			0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0160	24.55	0.1000	26.29	1.207	0.2961	8	-1.44	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	25.55	0.3000	26.29	1.207	0.2961	8	-0.61	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2302	25.85	0.6300	26.29	1.207	0.2961	8	-0.37	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	26.07	0.1700	26.29	1.207	0.2961	8	-0.18	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0015	26.41	0.1200	26.29	1.207	0.2961	8	0.10	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	26.64	0.5203	26.29	1.207	0.2961	8	0.29	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	27.13	0.2681	26.29	1.207	0.2961	8	0.70	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	29.91	0.2600	26.29	1.207	0.2961	8	3.00	7%	0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0910	29.50	0.0000				2			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	39.27	0.0300				2			0
010.11	Moisture, NIR (%)	0889	7.905	0.0300				2			0
010.11	Moisture, NIR (%)	2232	10.16	0.1000				2			0

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010.99	Moisture, Miscellaneous (%)	2089	8.315	0.4900				1			0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	8.450	0.0400	13.06	1.754	0.2362	17	-2.63	18%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2033	10.53	0.0600	13.06	1.754	0.2362	17	-1.44	10%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0208	11.15	0.1000	13.06	1.754	0.2362	17	-1.09	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2312	11.90	0.8100	13.06	1.754	0.2362	17	-0.67	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	11.90	0.4400	13.06	1.754	0.2362	17	-0.66	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0553	12.61	0.0900	13.06	1.754	0.2362	17	-0.26	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	12.66	0.1828	13.06	1.754	0.2362	17	-0.23	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	13.03	0.1300	13.06	1.754	0.2362	17	-0.02	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2016	13.06	0.3300	13.06	1.754	0.2362	17	-0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	13.51	0.0200	13.06	1.754	0.2362	17	0.25	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2232	13.51	0.0400	13.06	1.754	0.2362	17	0.25	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2207	13.80	0.0000	13.06	1.754	0.2362	17	0.42	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	13.87	0.6200	13.06	1.754	0.2362	17	0.46	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	14.33	0.2600	13.06	1.754	0.2362	17	0.72	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	14.90	0.1724	13.06	1.754	0.2362	17	1.05	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0309	15.23	0.3200	13.06	1.754	0.2362	17	1.23	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	16.50	0.4000	13.06	1.754	0.2362	17	1.96	13%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	11.20	2.400	13.06	1.754	0.2362	17	-1.06	7%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	12.42	0.0500				2			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	2083	12.70	0.2000				2			0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	12.69	0.0488				3			0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0160	13.04	0.6100				3			0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	13.08	0.2680				3			0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2242	14.29	3.250				3			1
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0407	0.8852	0.0086				3			2
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%)	0407	0.2505	0.0012				1			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%)	0510	1.000	0.2000				1			0
012.11	Starch, NIR (%)	0889	17.04	1.530				1			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2252	8.000	0.4000	9.059	1.119	0.1423	6	-0.95	6%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0242	8.300	0.0200	9.059	1.119	0.1423	6	-0.68	4%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2187	8.615	0.0700	9.059	1.119	0.1423	6	-0.40	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	9.316	0.0136	9.059	1.119	0.1423	6	0.23	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0650	9.395	0.2500	9.059	1.119	0.1423	6	0.30	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2016	10.73	0.1000	9.059	1.119	0.1423	6	1.49	9%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0208	9.070	0.2000	10.23	1.049	0.4245	8	-1.11	6%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0870	9.383	0.5288	10.23	1.049	0.4245	8	-0.81	4%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0553	9.795	0.3900	10.23	1.049	0.4245	8	-0.42	2%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0407	9.821	0.3974	10.23	1.049	0.4245	8	-0.39	2%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0171	10.19	0.6100	10.23	1.049	0.4245	8	-0.05	0%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	0098	10.57	0.3900	10.23	1.049	0.4245	8	0.32	2%	0
013.02	Fat, Acid Pretreat, Mojonier, Bak Ext (%)	2312	11.27	0.8100	10.23	1.049	0.4245	8	0.98	5%	0

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013.02	Fat, Acid Pretreat, Mojonner, Bak Ext (%)	0164	11.78	0.0700	10.23	1.049	0.4245	8	1.47	8%	0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0845	8.860	0.1400				2			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2124	9.540	0.4000				2			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	2124	7.930	0.1800				2			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0042	10.96	1.650				2			0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	23.14	0.0500				2			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	24.52	0.5500				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	15.00	0.0000				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0407	25.79	0.3315				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	28.05	3.659				1			0
017.41	Boron, ICP, Dry ash (ppm)	0407	5.069	0.0577				1			0
017.43	Boron, ICP, Microwave (ppm)	0918	4.650	0.7400				3			0
017.43	Boron, ICP, Microwave (ppm)	0407	5.537	0.1384				3			0
017.43	Boron, ICP, Microwave (ppm)	0510	6.000	0.0000				3			0
017.53	Boron, ICP-MS, Microwave (ppm)	0407	5.139	0.2527				1			0
019.31	Calcium, AAS, Dry ash (%)	2115	0.0800	0.0000				1			0
019.41	Calcium, ICP, Dry ash (%)	0171	0.0800	0.0000	0.0864	0.0075	0.0012	8	-0.85	4%	0
019.41	Calcium, ICP, Dry ash (%)	1023	0.0800	0.0000	0.0864	0.0075	0.0012	8	-0.85	4%	0
019.41	Calcium, ICP, Dry ash (%)	1024	0.0800	0.0000	0.0864	0.0075	0.0012	8	-0.85	4%	0
019.41	Calcium, ICP, Dry ash (%)	0164	0.0850	0.0040	0.0864	0.0075	0.0012	8	-0.18	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	0.0865	0.0035	0.0864	0.0075	0.0012	8	0.01	0%	0
019.41	Calcium, ICP, Dry ash (%)	0051	0.0882	0.0020	0.0864	0.0075	0.0012	8	0.24	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.0937	0.0002	0.0864	0.0075	0.0012	8	0.97	4%	0
019.41	Calcium, ICP, Dry ash (%)	1020	0.1100	0.0000	0.0864	0.0075	0.0012	8	3.14	14%	0
019.41	Calcium, ICP, Dry ash (%)	1021	0.0850	0.0100	0.0864	0.0075	0.0012	8	-0.18	1%	1
019.42	Calcium, ICP, Open vessel (%)	0870	0.0796	0.0006				1			0
019.43	Calcium, ICP, Microwave (%)	0870	0.0798	0.0035	0.0870	0.0092	0.0020	8	-0.79	4%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.0800	0.0000	0.0870	0.0092	0.0020	8	-0.76	4%	0
019.43	Calcium, ICP, Microwave (%)	2124	0.0800	0.0000	0.0870	0.0092	0.0020	8	-0.76	4%	0
019.43	Calcium, ICP, Microwave (%)	0918	0.0815	0.0030	0.0870	0.0092	0.0020	8	-0.60	3%	0
019.43	Calcium, ICP, Microwave (%)	0010	0.0870	0.0020	0.0870	0.0092	0.0020	8	0.00	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.0924	0.0031	0.0870	0.0092	0.0020	8	0.58	3%	0
019.43	Calcium, ICP, Microwave (%)	0407	0.0948	0.0043	0.0870	0.0092	0.0020	8	0.84	4%	0
019.43	Calcium, ICP, Microwave (%)	2089	0.1100	0.0000	0.0870	0.0092	0.0020	8	2.50	13%	0
019.44	Calcium, ICP, Dry ash (%)	2361	0.0835	0.0070	0.0874	0.0030	0.0051	9	-1.32	2%	0
019.44	Calcium, ICP, Dry ash (%)	2293	0.0850	0.0100	0.0874	0.0030	0.0051	9	-0.82	1%	0
019.44	Calcium, ICP, Dry ash (%)	2219	0.0860	0.0040	0.0874	0.0030	0.0051	9	-0.48	1%	0
019.44	Calcium, ICP, Dry ash (%)	2220	0.0860	0.0020	0.0874	0.0030	0.0051	9	-0.48	1%	0
019.44	Calcium, ICP, Dry ash (%)	2232	0.0870	0.0000	0.0874	0.0030	0.0051	9	-0.15	0%	0
019.44	Calcium, ICP, Dry ash (%)	2252	0.0880	0.0060	0.0874	0.0030	0.0051	9	0.19	0%	0
019.44	Calcium, ICP, Dry ash (%)	1022	0.0900	0.0000	0.0874	0.0030	0.0051	9	0.85	1%	0
019.44	Calcium, ICP, Dry ash (%)	2362	0.0900	0.0080	0.0874	0.0030	0.0051	9	0.85	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.44	Calcium, ICP, Dry ash (%)	2330	0.0915	0.0090	0.0874	0.0030	0.0051	9	1.36	2%	0
019.44	Calcium, ICP, Dry ash (%)	2156	0.5060	0.8480	0.0874	0.0030	0.0051	9	139.85	239%	2
019.53	Calcium, ICP-MS, Microwave (%)	0407	0.0915	0.0166				1			0
019.99	Calcium, Miscellaneous (%)	0889	0.0100	0.0000				2			0
019.99	Calcium, Miscellaneous (%)	0242	0.0700	0.0000				2			0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	< 0.75					0			5
021.41	Cobalt, ICP, Dry ash (ppm)	0407	0.1514	0.0158				1			0
021.43	Cobalt, ICP, Microwave (ppm)	0510	0.0900	0.0000				2			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	0.1391	0.0053				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	0.0352	0.0042				1			0
022.31	Copper, AAS, Dry ash (ppm)	2115	5.795	0.1300				1			0
022.33	Copper, AAS, Microwave (ppm)	0010	5.550	0.3000				1			0
022.41	Copper, ICP, Dry ash (ppm)	0164	5.150	0.1000	5.400	0.1872	0.1285	4			0
022.41	Copper, ICP, Dry ash (ppm)	0407	5.368	0.0138	5.400	0.1872	0.1285	4			0
022.41	Copper, ICP, Dry ash (ppm)	0051	5.505	0.0900	5.400	0.1872	0.1285	4			0
022.41	Copper, ICP, Dry ash (ppm)	0098	5.575	0.3100	5.400	0.1872	0.1285	4			0
022.41	Copper, ICP, Dry ash (ppm)	0171	7.090	0.0400	5.400	0.1872	0.1285	4			2
022.42	Copper, ICP, Open vessel (ppm)	0870	6.922	0.0860				1			0
022.43	Copper, ICP, Microwave (ppm)	2089	0.2050	0.0100	5.642	1.596	0.4156	7	-3.41	48%	0
022.43	Copper, ICP, Microwave (ppm)	0918	4.910	0.7600	5.642	1.596	0.4156	7	-0.46	6%	0
022.43	Copper, ICP, Microwave (ppm)	0407	5.458	0.2079	5.642	1.596	0.4156	7	-0.12	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	5.770	0.3000	5.642	1.596	0.4156	7	0.08	1%	0
022.43	Copper, ICP, Microwave (ppm)	2124	5.770	0.4200	5.642	1.596	0.4156	7	0.08	1%	0
022.43	Copper, ICP, Microwave (ppm)	0510	6.500	1.000	5.642	1.596	0.4156	7	0.54	8%	0
022.43	Copper, ICP, Microwave (ppm)	0870	7.837	0.2110	5.642	1.596	0.4156	7	1.37	19%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	5.557	0.3069				1			0
022.99	Copper, Miscellaneous (ppm)	0242	3.000	0.0000				1			0
023.01	Fluorine, Ion Sel Elect (ppm)	2033	< 5					0			5
025.31	Iron, AAS, Dry ash (ppm)	2115	73.76	4.190				1			0
025.41	Iron, ICP, Dry ash (ppm)	0171	70.43	1.360	77.00	3.882	2.568	5			0
025.41	Iron, ICP, Dry ash (ppm)	0407	77.22	1.391	77.00	3.882	2.568	5			0
025.41	Iron, ICP, Dry ash (ppm)	0098	77.80	3.820	77.00	3.882	2.568	5			0
025.41	Iron, ICP, Dry ash (ppm)	0051	79.05	1.270	77.00	3.882	2.568	5			0
025.41	Iron, ICP, Dry ash (ppm)	0164	80.50	5.000	77.00	3.882	2.568	5			0
025.42	Iron, ICP, Open vessel (ppm)	0870	73.24	0.4700				1			0
025.43	Iron, ICP, Microwave (ppm)	0918	69.79	3.680	78.17	6.410	3.412	7	-1.31	5%	0
025.43	Iron, ICP, Microwave (ppm)	2124	74.05	10.13	78.17	6.410	3.412	7	-0.64	3%	0
025.43	Iron, ICP, Microwave (ppm)	0407	76.85	0.2161	78.17	6.410	3.412	7	-0.21	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	78.00	2.000	78.17	6.410	3.412	7	-0.03	0%	0
025.43	Iron, ICP, Microwave (ppm)	0870	79.85	0.7600	78.17	6.410	3.412	7	0.26	1%	0
025.43	Iron, ICP, Microwave (ppm)	0098	80.89	1.970	78.17	6.410	3.412	7	0.42	2%	0
025.43	Iron, ICP, Microwave (ppm)	2089	91.93	5.130	78.17	6.410	3.412	7	2.15	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.53	Iron, ICP-MS, Microwave (ppm)	0407	83.65	0.2929				1			0
027.31	Magnesium, AAS, Dry ash (%)	2115	0.0800	0.0000				1			0
027.33	Magnesium, AAS, Microwave (%)	0010	0.0800	0.0000				1			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.0713	0.0016	0.0793	0.0041	0.0014	10	-1.96	5%	0
027.41	Magnesium, ICP, Dry ash (%)	1023	0.0760	0.0000	0.0793	0.0041	0.0014	10	-0.81	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.0776	0.0019	0.0793	0.0041	0.0014	10	-0.43	1%	0
027.41	Magnesium, ICP, Dry ash (%)	1020	0.0780	0.0020	0.0793	0.0041	0.0014	10	-0.32	1%	0
027.41	Magnesium, ICP, Dry ash (%)	1024	0.0780	0.0000	0.0793	0.0041	0.0014	10	-0.32	1%	0
027.41	Magnesium, ICP, Dry ash (%)	1021	0.0790	0.0020	0.0793	0.0041	0.0014	10	-0.08	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.0805	0.0030	0.0793	0.0041	0.0014	10	0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.0825	0.0010	0.0793	0.0041	0.0014	10	0.78	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.0830	0.0021	0.0793	0.0041	0.0014	10	0.89	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2232	0.0900	0.0000	0.0793	0.0041	0.0014	10	2.61	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.0739	0.0036				1			0
027.43	Magnesium, ICP, Microwave (%)	0407	0.0716	0.0044	0.0802	0.0070	0.0009	7	-1.23	5%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.0741	0.0008	0.0802	0.0070	0.0009	7	-0.87	4%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.0800	0.0000	0.0802	0.0070	0.0009	7	-0.03	0%	0
027.43	Magnesium, ICP, Microwave (%)	2124	0.0800	0.0000	0.0802	0.0070	0.0009	7	-0.03	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.0810	0.0011	0.0802	0.0070	0.0009	7	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	2187	0.0850	0.0000	0.0802	0.0070	0.0009	7	0.68	3%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.0900	0.0000	0.0802	0.0070	0.0009	7	1.39	6%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.0730	0.0100	0.0802	0.0070	0.0009	7	-1.03	5%	1
027.44	Magnesium, ICP, Dry ash (%)	2219	0.0760	0.0060	0.0778	0.0016	0.0027	9	-1.09	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2220	0.0760	0.0000	0.0778	0.0016	0.0027	9	-1.09	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2156	0.0770	0.0060	0.0778	0.0016	0.0027	9	-0.48	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2252	0.0775	0.0010	0.0778	0.0016	0.0027	9	-0.17	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2293	0.0775	0.0010	0.0778	0.0016	0.0027	9	-0.17	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2361	0.0775	0.0030	0.0778	0.0016	0.0027	9	-0.17	0%	0
027.44	Magnesium, ICP, Dry ash (%)	1022	0.0790	0.0020	0.0778	0.0016	0.0027	9	0.75	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2330	0.0795	0.0030	0.0778	0.0016	0.0027	9	1.06	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2362	0.0800	0.0020	0.0778	0.0016	0.0027	9	1.36	1%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.0817	0.0037				1			0
027.99	Magnesium, Miscellaneous (%)	0242	0.0750	0.0100				2			0
027.99	Magnesium, Miscellaneous (%)	0889	0.0750	0.0100				2			0
028.31	Manganese, AAS, Dry ash (ppm)	2115	23.67	0.2000				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0164	23.50	1.000	24.53	0.8628	0.5626	7	-1.19	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	1024	23.74	0.0800	24.53	0.8628	0.5626	7	-0.91	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	2361	24.00	0.6100	24.53	0.8628	0.5626	7	-0.62	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	24.90	1.020	24.53	0.8628	0.5626	7	0.43	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	24.95	0.1379	24.53	0.8628	0.5626	7	0.49	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	25.23	0.2400	24.53	0.8628	0.5626	7	0.82	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0051	25.37	0.8500	24.53	0.8628	0.5626	7	0.97	2%	0

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028.42	Manganese, ICP, Open vessel (ppm)	0870	21.93	0.7300				1			0
028.43	Manganese, ICP, Microwave (ppm)	0870	22.42	0.8200	24.77	1.610	0.8463	8	-1.46	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	23.26	2.180	24.77	1.610	0.8463	8	-0.94	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	24.00	0.0000	24.77	1.610	0.8463	8	-0.48	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2187	25.00	0.0000	24.77	1.610	0.8463	8	0.14	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	25.18	0.5803	24.77	1.610	0.8463	8	0.25	1%	0
028.43	Manganese, ICP, Microwave (ppm)	2124	25.86	1.040	24.77	1.610	0.8463	8	0.67	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	26.14	1.640	24.77	1.610	0.8463	8	0.85	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	26.33	0.5100	24.77	1.610	0.8463	8	0.96	3%	0
028.44	Manganese, ICP, Dry ash (ppm)	1022	23.96	0.4300				1			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	24.50	1.035				1			0
028.99	Manganese, Miscellaneous (ppm)	0242	25.00	6.000				1			0
031.01	Phosphorus, Photometric (%)	2115	0.1800	0.0000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	1023	0.1800	0.0000	0.1881	0.0064	0.0029	10	-1.26	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	1024	0.1800	0.0000	0.1881	0.0064	0.0029	10	-1.26	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.1832	0.0062	0.1881	0.0064	0.0029	10	-0.77	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	1021	0.1850	0.0100	0.1881	0.0064	0.0029	10	-0.49	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.1900	0.0000	0.1881	0.0064	0.0029	10	0.29	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	1020	0.1900	0.0000	0.1881	0.0064	0.0029	10	0.29	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.1915	0.0090	0.1881	0.0064	0.0029	10	0.52	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.1923	0.0015	0.1881	0.0064	0.0029	10	0.64	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2232	0.1935	0.0010	0.1881	0.0064	0.0029	10	0.84	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	0.1958	0.0012	0.1881	0.0064	0.0029	10	1.19	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.1842	0.0040				1			0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.1800	0.0000	0.1910	0.0095	0.0074	9	-1.16	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.1811	0.0013	0.1910	0.0095	0.0074	9	-1.05	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.1857	0.0054	0.1910	0.0095	0.0074	9	-0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.1875	0.0250	0.1910	0.0095	0.0074	9	-0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.1921	0.0142	0.1910	0.0095	0.0074	9	0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2187	0.1925	0.0010	0.1910	0.0095	0.0074	9	0.16	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2124	0.1950	0.0100	0.1910	0.0095	0.0074	9	0.42	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.2000	0.0000	0.1910	0.0095	0.0074	9	0.95	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.2050	0.0100	0.1910	0.0095	0.0074	9	1.48	4%	0
031.44	Phosphorus, ICP, Dry ash (%)	2361	0.1785	0.0110	0.1837	0.0055	0.0077	9	-0.94	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	1022	0.1800	0.0000	0.1837	0.0055	0.0077	9	-0.67	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2220	0.1800	0.0000	0.1837	0.0055	0.0077	9	-0.67	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2293	0.1800	0.0000	0.1837	0.0055	0.0077	9	-0.67	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2219	0.1825	0.0130	0.1837	0.0055	0.0077	9	-0.22	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2252	0.1825	0.0090	0.1837	0.0055	0.0077	9	-0.22	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2330	0.1895	0.0130	0.1837	0.0055	0.0077	9	1.04	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2156	0.1900	0.0100	0.1837	0.0055	0.0077	9	1.13	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2362	0.1905	0.0130	0.1837	0.0055	0.0077	9	1.22	2%	0

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031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.1911	0.0111				1			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.1650	0.0100				2			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.1700	0.0000				2			0
032.31	Potassium, AAS, Dry ash (%)	0208	0.2980	0.0200				1			0
032.31	Potassium, AAS, Dry ash (%)	2115	< 0.5					1			5
032.41	Potassium, ICP, Dry ash (%)	1023	0.2700	0.0000	0.2955	0.0140	0.0064	11	-1.82	4%	0
032.41	Potassium, ICP, Dry ash (%)	1024	0.2800	0.0000	0.2955	0.0140	0.0064	11	-1.11	3%	0
032.41	Potassium, ICP, Dry ash (%)	1021	0.2850	0.0100	0.2955	0.0140	0.0064	11	-0.75	2%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.2915	0.0070	0.2955	0.0140	0.0064	11	-0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.2940	0.0100	0.2955	0.0140	0.0064	11	-0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.2950	0.0100	0.2955	0.0140	0.0064	11	-0.04	0%	0
032.41	Potassium, ICP, Dry ash (%)	0051	0.3014	0.0079	0.2955	0.0140	0.0064	11	0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	2232	0.3030	0.0040	0.2955	0.0140	0.0064	11	0.53	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.3050	0.0100	0.2955	0.0140	0.0064	11	0.68	2%	0
032.41	Potassium, ICP, Dry ash (%)	1020	0.3050	0.0100	0.2955	0.0140	0.0064	11	0.68	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.3190	0.0019	0.2955	0.0140	0.0064	11	1.67	4%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.2871	0.0127				1			0
032.43	Potassium, ICP, Microwave (%)	0918	0.2735	0.0210	0.2918	0.0152	0.0091	9	-1.21	3%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.2800	0.0000	0.2918	0.0152	0.0091	9	-0.78	2%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.2820	0.0038	0.2918	0.0152	0.0091	9	-0.65	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.2850	0.0100	0.2918	0.0152	0.0091	9	-0.45	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	0.2900	0.0200	0.2918	0.0152	0.0091	9	-0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	2124	0.2950	0.0100	0.2918	0.0152	0.0091	9	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.3000	0.0000	0.2918	0.0152	0.0091	9	0.54	1%	0
032.43	Potassium, ICP, Microwave (%)	2187	0.3065	0.0110	0.2918	0.0152	0.0091	9	0.97	3%	0
032.43	Potassium, ICP, Microwave (%)	0407	0.3334	0.0060	0.2918	0.0152	0.0091	9	2.74	7%	0
032.44	Potassium, ICP, Dry ash (%)	2220	0.2700	0.0000	0.2813	0.0089	0.0114	9	-1.26	2%	0
032.44	Potassium, ICP, Dry ash (%)	2219	0.2725	0.0190	0.2813	0.0089	0.0114	9	-0.98	2%	0
032.44	Potassium, ICP, Dry ash (%)	2361	0.2755	0.0190	0.2813	0.0089	0.0114	9	-0.65	1%	0
032.44	Potassium, ICP, Dry ash (%)	2293	0.2800	0.0000	0.2813	0.0089	0.0114	9	-0.14	0%	0
032.44	Potassium, ICP, Dry ash (%)	2156	0.2815	0.0210	0.2813	0.0089	0.0114	9	0.02	0%	0
032.44	Potassium, ICP, Dry ash (%)	2252	0.2825	0.0090	0.2813	0.0089	0.0114	9	0.14	0%	0
032.44	Potassium, ICP, Dry ash (%)	1022	0.2850	0.0100	0.2813	0.0089	0.0114	9	0.42	1%	0
032.44	Potassium, ICP, Dry ash (%)	2330	0.2920	0.0160	0.2813	0.0089	0.0114	9	1.20	2%	0
032.44	Potassium, ICP, Dry ash (%)	2362	0.2925	0.0090	0.2813	0.0089	0.0114	9	1.26	2%	0
032.53	Potassium, ICP-MS, Microwave (%)	0407	0.2976	0.0094				1			0
032.99	Potassium, Miscellaneous (%)	0242	0.2850	0.0100				2			0
032.99	Potassium, Miscellaneous (%)	0889	0.3100	0.0000				2			0
033.00	Salt as chloride, Sol Cl (%)	0309	< 0.1					0			5
033.01	Salt as chloride, Poten Cl (%)	0098	0.0300	0.0000				3			0
033.01	Salt as chloride, Poten Cl (%)	0242	0.0300	0.0000				3			0
033.01	Salt as chloride, Poten Cl (%)	0510	0.1484	0.0000				3			0

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033.01	Salt as chloride, Poten Cl (%)	0407	0.0275	0.0010				3			1
033.01	Salt as chloride, Poten Cl (%)	0164	< 0.1					3			5
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.0200	0.0000				1			0
033.99	Salt, Miscellaneous (%)	0650	1.180	0.0400				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0171	0.0340	0.0520				1			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	0.0296	0.0020				1			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	< 0.05					1			5
035.31	Sodium, AAS, Dry ash (%)	2115	< 0.01					0			5
035.41	Sodium, ICP, Dry ash (%)	0164	0.0040	0.0000	0.0163	0.0087	0.0030	17	-1.42	38%	0
035.41	Sodium, ICP, Dry ash (%)	2232	0.0045	0.0010	0.0163	0.0087	0.0030	17	-1.36	36%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.0089	0.0005	0.0163	0.0087	0.0030	17	-0.86	23%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.0100	0.0000	0.0163	0.0087	0.0030	17	-0.72	19%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.0100	0.0002	0.0163	0.0087	0.0030	17	-0.72	19%	0
035.41	Sodium, ICP, Dry ash (%)	1023	0.0100	0.0000	0.0163	0.0087	0.0030	17	-0.72	19%	0
035.41	Sodium, ICP, Dry ash (%)	1024	0.0100	0.0000	0.0163	0.0087	0.0030	17	-0.72	19%	0
035.41	Sodium, ICP, Dry ash (%)	2219	0.0180	0.0020	0.0163	0.0087	0.0030	17	0.20	5%	0
035.41	Sodium, ICP, Dry ash (%)	2361	0.0180	0.0020	0.0163	0.0087	0.0030	17	0.20	5%	0
035.41	Sodium, ICP, Dry ash (%)	2220	0.0195	0.0010	0.0163	0.0087	0.0030	17	0.37	10%	0
035.41	Sodium, ICP, Dry ash (%)	1022	0.0200	0.0000	0.0163	0.0087	0.0030	17	0.43	11%	0
035.41	Sodium, ICP, Dry ash (%)	2293	0.0200	0.0000	0.0163	0.0087	0.0030	17	0.43	11%	0
035.41	Sodium, ICP, Dry ash (%)	2156	0.0230	0.0120	0.0163	0.0087	0.0030	17	0.78	21%	0
035.41	Sodium, ICP, Dry ash (%)	2330	0.0235	0.0110	0.0163	0.0087	0.0030	17	0.84	22%	0
035.41	Sodium, ICP, Dry ash (%)	2252	0.0240	0.0100	0.0163	0.0087	0.0030	17	0.89	24%	0
035.41	Sodium, ICP, Dry ash (%)	2362	0.0240	0.0120	0.0163	0.0087	0.0030	17	0.89	24%	0
035.41	Sodium, ICP, Dry ash (%)	1020	0.0700	0.0000	0.0163	0.0087	0.0030	17	6.21	165%	0
035.41	Sodium, ICP, Dry ash (%)	1021	0.0250	0.0300	0.0163	0.0087	0.0030	17	1.01	27%	1
035.42	Sodium, ICP, Open vessel (%)	0870	0.0038	0.0001				1			0
035.43	Sodium, ICP, Microwave (%)	0407	0.0039	0.0001	0.0058	0.0029	0.0008	4			0
035.43	Sodium, ICP, Microwave (%)	0870	0.0040	0.0000	0.0058	0.0029	0.0008	4			0
035.43	Sodium, ICP, Microwave (%)	0918	0.0055	0.0030	0.0058	0.0029	0.0008	4			0
035.43	Sodium, ICP, Microwave (%)	2089	0.0100	0.0000	0.0058	0.0029	0.0008	4			0
035.43	Sodium, ICP, Microwave (%)	0510	0.0305	0.0030	0.0058	0.0029	0.0008	4			2
035.43	Sodium, ICP, Microwave (%)	2124	< 0.01		0.0058	0.0029	0.0008	4			5
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.0026	0.0002				1			0
035.99	Sodium, Miscellaneous (%)	0889	0.0600	0.0000				1			0
035.99	Sodium, Miscellaneous (%)	0242	< 0.01					1			5
036.42	Sulfur, ICP, Open vessel (%)	0870	0.0754	0.0047	0.0803	0.0043	0.0024	4			0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.0800	0.0000	0.0803	0.0043	0.0024	4			0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.0800	0.0000	0.0803	0.0043	0.0024	4			0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.0860	0.0049	0.0803	0.0043	0.0024	4			0
036.43	Sulfur, ICP, Microwave (%)	0870	0.0771	0.0002	0.0921	0.0133	0.0067	6	-1.13	8%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.0825	0.0090	0.0921	0.0133	0.0067	6	-0.72	5%	0

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036.43	Sulfur, ICP, Microwave (%)	0098	0.0859	0.0007	0.0921	0.0133	0.0067	6	-0.47	3%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.1000	0.0000	0.0921	0.0133	0.0067	6	0.59	4%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.1022	0.0205	0.0921	0.0133	0.0067	6	0.76	5%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.1050	0.0100	0.0921	0.0133	0.0067	6	0.97	7%	0
036.99	Sulfur, Miscellaneous (%)	0889	0.0800	0.0000				1			0
036.99	Sulfur, Miscellaneous (%)	0242	< 0.1					1			5
037.31	Zinc, AAS, Dry ash (ppm)	2115	10.55	0.0300				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0171	10.21	0.2500	12.26	2.262	0.3327	5			0
037.41	Zinc, ICP, Dry ash (ppm)	0164	11.00	0.0000	12.26	2.262	0.3327	5			0
037.41	Zinc, ICP, Dry ash (ppm)	0051	11.75	0.2700	12.26	2.262	0.3327	5			0
037.41	Zinc, ICP, Dry ash (ppm)	0098	12.30	0.9300	12.26	2.262	0.3327	5			0
037.41	Zinc, ICP, Dry ash (ppm)	0407	16.05	0.2133	12.26	2.262	0.3327	5			0
037.42	Zinc, ICP, Open vessel (ppm)	0870	11.70	0.0600				1			0
037.43	Zinc, ICP, Microwave (ppm)	2124	10.52	2.020	13.20	2.748	0.8161	7	-0.98	10%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	11.47	0.3500	13.20	2.748	0.8161	7	-0.63	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	11.80	0.0400	13.20	2.748	0.8161	7	-0.51	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	11.87	0.6000	13.20	2.748	0.8161	7	-0.48	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	14.00	0.0000	13.20	2.748	0.8161	7	0.29	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	15.83	0.7524	13.20	2.748	0.8161	7	0.96	10%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	16.91	1.950	13.20	2.748	0.8161	7	1.35	14%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	12.06	0.3268				1			0
037.99	Zinc, Miscellaneous (ppm)	0242	9.500	1.000				2			0
037.99	Zinc, Miscellaneous (ppm)	0889	14.28	0.9300				2			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	0.1055	0.0070				2			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	0.1436	0.0057				2			0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	0.1000	0.0000				2			0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	0.1146	0.0012				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	0.1500	0.0080				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	0.1569	0.0224				2			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	9.142	0.2387				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.0675	0.0165				1			0
108.02	Vitamin D3, LC (KU / kg)	0051	1.985	0.0300				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.3400	0.0000				2			0
120.00	Alanine, Post-col Ninhydrin Der (%)	2360	0.3785	0.0010				2			0
120.99	Alanine, Miscellaneous (%)	0889	0.2950	0.0100				2			0
120.99	Alanine, Miscellaneous (%)	0227	0.3400	0.0000				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	2360	0.7105	0.0050				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.7750	0.0100				2			0
121.99	Arginine, Miscellaneous (%)	0227	0.7500	0.0000				2			0
121.99	Arginine, Miscellaneous (%)	0889	0.7850	0.0100				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	0.7000	0.0000				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2360	0.7740	0.0160				2			0

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122.99	Aspartic, Miscellaneous (%)	0227	0.7000	0.0000				2		0	
122.99	Aspartic, Miscellaneous (%)	0889	0.7500	0.0000				2		0	
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.1100	0.0000				2		0	
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.1300	0.0200				2		0	
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2300	0.0000				1		0	
125.00	Glutamic, Post-col Ninhydrin Der (%)	2360	1.003	0.0020				2		0	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	1.400	0.0400				2		0	
125.99	Glutamic, Miscellaneous (%)	0889	1.065	0.1100				2		0	
125.99	Glutamic, Miscellaneous (%)	0227	1.390	0.0000				2		0	
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.4250	0.0100				1		0	
126.99	Glycine, Miscellaneous (%)	0889	0.1800	0.0000				2		0	
126.99	Glycine, Miscellaneous (%)	0227	0.4300	0.0000				2		0	
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.1700	0.0000				1		0	
127.99	Histidine, Miscellaneous (%)	0227	0.1800	0.0000				2		0	
127.99	Histidine, Miscellaneous (%)	0889	0.1800	0.0000				2		0	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2360	0.1995	0.0070				2		0	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.2800	0.0000				2		0	
128.99	Isoleucine, Miscellaneous (%)	0227	0.2600	0.0000				2		0	
128.99	Isoleucine, Miscellaneous (%)	0889	0.3150	0.0100				2		0	
129.00	Leucine, Post-col Ninhydrin Der (%)	2360	0.3320	0.0020				2		0	
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	0.5300	0.0000				2		0	
129.99	Leucine, Miscellaneous (%)	0889	0.2800	0.0200				2		0	
129.99	Leucine, Miscellaneous (%)	0227	0.5100	0.0000				2		0	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2360	0.2070	0.0060				2		0	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.2700	0.0000				2		0	
130.99	L-Lysine, Miscellaneous (%)	0227	0.3050	0.0700				2		0	
130.99	L-Lysine, Miscellaneous (%)	0889	0.6050	0.0100				2		0	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.1700	0.0000				2		0	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.1750	0.0100				2		0	
131.99	Methionine, Miscellaneous (%)	0889	0.3450	0.0100				1		0	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2360	0.2920	0.0020				2		0	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.3450	0.0100				2		0	
132.99	Phenylalanine, Miscellaneous (%)	0889	0.2900	0.0000				2		0	
132.99	Phenylalanine, Miscellaneous (%)	0227	0.3250	0.0100				2		0	
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.2800	0.0000				2		0	
133.00	Proline, Post-col Ninhydrin Der (%)	2360	0.2885	0.0010				2		0	
133.99	Proline, Miscellaneous (%)	0227	0.2800	0.0200				2		0	
133.99	Proline, Miscellaneous (%)	0889	0.6050	0.0100				2		0	
134.00	Serine, Post-col Ninhydrin Der (%)	2360	0.2620	0.0020				2		0	
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.2700	0.0000				2		0	
134.99	Serine, Miscellaneous (%)	0227	0.2900	0.0000				2		0	
134.99	Serine, Miscellaneous (%)	0889	0.2900	0.0000				2		0	

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135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.2200	0.0000				2		0	
135.00	Threonine, Post-col Ninhydrin Der (%)	2360	0.3215	0.0290				2		0	
135.99	Threonine, Miscellaneous (%)	0227	0.2200	0.0000				2		0	
135.99	Threonine, Miscellaneous (%)	0889	0.2850	0.0100				2		0	
136.99	Tryptophan, Miscellaneous (%)	0889	0.1500	0.0000				1		0	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.1700	0.0000				1		0	
137.99	Tyrosine, Miscellaneous (%)	0889	0.1500	0.0000				2		0	
137.99	Tyrosine, Miscellaneous (%)	0227	0.1900	0.0000				2		0	
138.00	Valine, Post-col Ninhydrin Der (%)	2360	0.2480	0.0020				3		0	
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.3550	0.0100				3		0	
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.3900	0.0000				3		0	
138.99	Valine, Miscellaneous (%)	0889	0.2800	0.0000				1		0	
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1550	0.0100				1		0	
139.99	Taurine, Miscellaneous (%)	0889	0.0100	0.0000				1		0	
160.99	Fructose, Miscellaneous (%)	0619	10.45	0.3000				1		0	
162.99	Glucose, Miscellaneous (%)	0619	13.65	0.3000				1		0	
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				0		4	
165.99	Sucrose, Miscellaneous (%)	0619	6.465	0.2100				1		0	
400.01	Water Activity, Aqualab chilled mirror (Units)	2360	0.4480	0.0000				2		0	
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4572	0.0025				2		0	
400.99	Water Activity, Miscellaneous (Units)	2083	0.4500	0.0000				1		0	
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0171	0.0295	0.0010				1		0	
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	2124	< 0.89					0		5	
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.0273	0.0044				2		0	
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.0285	0.0010				2		0	
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.0370	0.0000				2		0	
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0439	0.0032				2		0	
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0533	0.0039				1		0	
518.43	Cadmium, ICP, Microwave (ppm)	2124	< 0.16					1		5	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0380	0.0020				2		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0407	0.0011				2		0	
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0171	0.2785	0.0430				2		0	
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	0.3466	0.0210				2		0	
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	0.3150	0.0300				3		0	
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	0.3450	0.0036				3		0	
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	2033	0.3820	0.0400				3		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	0.3410	0.0220				2		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	0.5578	0.0327				2		0	
526.41	Lead, ICP, Dry ash (ppm)	0407	0.0449	0.0052				2		0	
526.41	Lead, ICP, Dry ash (ppm)	0171	0.0540	0.0040				2		0	
526.43	Lead, ICP, Microwave (ppm)	0407	0.1234	0.0291				1		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.0280	0.0020				2		0	

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526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.0607	0.0019				2		0	
529.99	Mercury, Miscellaneous (ppb)	0407	1.154	0.1829				1		0	
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					1		5	
539.41	Nickel, ICP, Dry ash (ppm)	0171	0.7365	0.0130				2		0	
539.41	Nickel, ICP, Dry ash (ppm)	0407	0.8699	0.0098				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	1.006	0.0106				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	0.9602	0.0707				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	0.0200	0.0000				1		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.5450	0.0100				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	1.645	0.0100				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	2.715	0.0500				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	1.935	0.0300				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (% (w/w))	0164	1.995	0.0100				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (% (w/w))	0164	2.735	0.0500				1		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	2360	0.4800	0.0000				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.7850	0.0100				2		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	2360	1.270	0.0000				1		0	
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.740	0.0000				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	2360	3.340	0.0000				1		0	
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	4.740	0.0600				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	7.615	0.0500				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	7.615	0.0500				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.