



Proficiency For Individual Methods

Sample # 201541

Brewers Dried Yeast

All Tests Report
Pet Food Program

Labs Reporting: 57

Issue Date : 04/30/2015

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.00	Loss on Drying, Vac 95°C 5 hr (%)	309	3.7670	0.19600			0.19600	1			
001.03	Loss on Drying, Low temp. methods (%)	51	5.3900	0.02000			0.02000	1			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	3	3.9500	0.08000	4.1049	0.07278	0.08517	6	-2.13	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	171	4.0650	0.03000	4.1049	0.07278	0.08517	6	-0.55	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	98	4.0750	0.01000	4.1049	0.07278	0.08517	6	-0.41	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	15	4.1350	0.17000	4.1049	0.07278	0.08517	6	0.41	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	65	4.1445	0.01100	4.1049	0.07278	0.08517	6	0.54	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	74	4.6350	0.21000	4.1049	0.07278	0.08517	6	7.28	6%	0
001.99	Loss on Drying, Miscellaneous (%)	510	4.0500	0.10000	4.6450	0.17648	0.08125	8	-3.37	6%	0
001.99	Loss on Drying, Miscellaneous (%)	842	4.5350	0.01000	4.6450	0.17648	0.08125	8	-0.62	1%	0
001.99	Loss on Drying, Miscellaneous (%)	1010	4.5400	0.04000	4.6450	0.17648	0.08125	8	-0.59	1%	0
001.99	Loss on Drying, Miscellaneous (%)	810	4.6300	0.04000	4.6450	0.17648	0.08125	8	-0.08	0%	0
001.99	Loss on Drying, Miscellaneous (%)	808	4.6450	0.01000	4.6450	0.17648	0.08125	8	0.00	0%	0
001.99	Loss on Drying, Miscellaneous (%)	840	4.6750	0.03000	4.6450	0.17648	0.08125	8	0.17	0%	0
001.99	Loss on Drying, Miscellaneous (%)	811	5.0000	0.20000	4.6450	0.17648	0.08125	8	2.01	4%	0
001.99	Loss on Drying, Miscellaneous (%)	841	5.0400	0.22000	4.6450	0.17648	0.08125	8	2.24	4%	0
002.01	Protein, Auto Kjell-Foss (%)	2023	45.135	0.01000	45.443	0.27295	0.22500	3	-1.13	0%	0
002.01	Protein, Auto Kjell-Foss (%)	164	45.540	0.10000	45.443	0.27295	0.22500	3	0.35	0%	0
002.01	Protein, Auto Kjell-Foss (%)	870	45.655	0.56500	45.443	0.27295	0.22500	3	0.77	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	42	44.225	0.07000			0.07000	1			
002.04	Protein, Copper Catalyst (%)	504	45.500	0.58000			0.58000	1			
002.05	Protein, Copper, Boric Acid (%)	15	45.995	0.29000			0.29000	1			
002.06	Protein, Combustion Nitrogen Analyzer (	790	44.500	1.0400	45.877	0.27197	0.21867	43	-5.06	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (	42	44.535	0.11000	45.877	0.27197	0.21867	43	-4.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (	789	44.655	0.17000	45.877	0.27197	0.21867	43	-4.49	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (	202	45.005	0.61000	45.877	0.27197	0.21867	43	-3.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (	959	45.390	0.20000	45.877	0.27197	0.21867	43	-1.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (	792	45.535	0.13000	45.877	0.27197	0.21867	43	-1.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	510	45.550	0.30000	45.877	0.27197	0.21867	43	-1.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	417	45.555	0.09000	45.877	0.27197	0.21867	43	-1.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	98	45.650	0.30000	45.877	0.27197	0.21867	43	-0.83	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (	794	45.650	0.46000	45.877	0.27197	0.21867	43	-0.83	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	960	45.695	0.17000	45.877	0.27197	0.21867	43	-0.67	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	51	45.700	0.00000	45.877	0.27197	0.21867	43	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	2050	45.700	0.28000	45.877	0.27197	0.21867	43	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	17	45.750	0.30000	45.877	0.27197	0.21867	43	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	2023	45.810	0.10000	45.877	0.27197	0.21867	43	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	3	45.820	0.84000	45.877	0.27197	0.21867	43	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	660	45.835	0.17000	45.877	0.27197	0.21867	43	-0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	8	45.850	0.06000	45.877	0.27197	0.21867	43	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	33	45.850	0.50000	45.877	0.27197	0.21867	43	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	650	45.855	0.21000	45.877	0.27197	0.21867	43	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	74	45.860	0.24000	45.877	0.27197	0.21867	43	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	171	45.865	0.05000	45.877	0.27197	0.21867	43	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	208	45.945	0.29000	45.877	0.27197	0.21867	43	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	2089	45.945	0.09000	45.877	0.27197	0.21867	43	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	65	45.975	0.03480	45.877	0.27197	0.21867	43	0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	512	45.990	0.42000	45.877	0.27197	0.21867	43	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	964	46.005	0.27000	45.877	0.27197	0.21867	43	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	2094	46.005	0.13000	45.877	0.27197	0.21867	43	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	811	46.010	0.02000	45.877	0.27197	0.21867	43	0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	957	46.015	0.09000	45.877	0.27197	0.21867	43	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	164	46.025	0.05000	45.877	0.27197	0.21867	43	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	1	46.025	0.43000	45.877	0.27197	0.21867	43	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	309	46.038	0.15000	45.877	0.27197	0.21867	43	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	14	46.050	0.10000	45.877	0.27197	0.21867	43	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	958	46.100	0.04000	45.877	0.27197	0.21867	43	0.82	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	34	46.137	0.33800	45.877	0.27197	0.21867	43	0.96	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	842	46.170	0.04000	45.877	0.27197	0.21867	43	1.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	810	46.185	0.27000	45.877	0.27197	0.21867	43	1.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	1010	46.190	0.08000	45.877	0.27197	0.21867	43	1.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	808	46.220	0.02000	45.877	0.27197	0.21867	43	1.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	840	46.220	0.02000	45.877	0.27197	0.21867	43	1.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	841	46.245	0.01000	45.877	0.27197	0.21867	43	1.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (	511	46.430	0.18000	45.877	0.27197	0.21867	43	2.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (	47	46.000	1.4000	45.877	0.27197	0.21867	43	0.45	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (	876	41.060	1.5000	45.877	0.27197	0.21867	43	-17.71	5%	2
002.07	Protein, Block Digestion (%)	914	45.900	0.08000			0.08000	1			
002.08	Protein, Cu/Ti (%)	98	44.940	0.28000			0.34000	2	-0.71	1%	0
002.08	Protein, Cu/Ti (%)	208	45.900	0.40000			0.34000	2	0.71	1%	0
002.99	Protein, Miscellaneous (%)	969	44.900	0.00000	45.383	0.41932	0.10000	3	-1.15	1%	0
002.99	Protein, Miscellaneous (%)	2004	45.600	0.20000	45.383	0.41932	0.10000	3	0.52	0%	0
002.99	Protein, Miscellaneous (%)	970	45.650	0.10000	45.383	0.41932	0.10000	3	0.64	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.00	Fat, Eth Ext., Direct (%)	309	0.02000	0.00000			0.34000	2	-0.71	50%	0
003.00	Fat, Eth Ext., Direct (%)	74	7.4500	0.68000			0.34000	2	0.71	50%	0
003.06	Fat, Pet Ether (%)	511	0.38500	0.09000			0.09000	1			
003.09	Fat, Soxtec, Eth Ext (%)	510	0.30000	0.00000	0.68000	0.33645	0.20667	3	-1.13	28%	0
003.09	Fat, Soxtec, Eth Ext (%)	51	0.80000	0.40000	0.68000	0.33645	0.20667	3	0.36	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	964	0.94000	0.22000	0.68000	0.33645	0.20667	3	0.77	19%	0
003.10	Fat, Soxtec, Pet Ether (%)	870	0.28175	0.00610			0.00610	1			
003.12	Fat, Hexane Ext (%)	171	0.32000	0.04000			0.04000	1			
003.13	Fat, Soxtec, Hexane Ext. (%)	33	0.30000	0.06000			0.07000	2	-0.71	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	660	0.33000	0.08000			0.07000	2	0.71	2%	0
003.14	Fat, Ankom (%)	202	0.29500	0.05000	0.33750	0.06010	0.11667	3	-0.59	45%	0
003.14	Fat, Ankom (%)	2023	0.38000	0.00000	0.33750	0.06010	0.11667	3	-0.57	44%	0
003.14	Fat, Ankom (%)	34	8.6500	0.30000	0.33750	0.06010	0.11667	3	1.15	89%	0
003.99	Fat, Miscellaneous (%)	47	5.9600	0.00000			0.00000	1			
004.00	Fiber, Crude, Asbestos Free (%)	309	0.53400	0.32920	1.9947	1.5023	0.28769	9	-0.97	37%	0
004.00	Fiber, Crude, Asbestos Free (%)	17	0.65000	0.30000	1.9947	1.5023	0.28769	9	-0.90	34%	0
004.00	Fiber, Crude, Asbestos Free (%)	171	0.68000	0.06000	1.9947	1.5023	0.28769	9	-0.88	33%	0
004.00	Fiber, Crude, Asbestos Free (%)	2094	1.3500	0.06000	1.9947	1.5023	0.28769	9	-0.43	16%	0
004.00	Fiber, Crude, Asbestos Free (%)	969	1.5600	0.46000	1.9947	1.5023	0.28769	9	-0.29	11%	0
004.00	Fiber, Crude, Asbestos Free (%)	2023	2.4250	0.03000	1.9947	1.5023	0.28769	9	0.29	11%	0
004.00	Fiber, Crude, Asbestos Free (%)	208	3.6000	0.06000	1.9947	1.5023	0.28769	9	1.07	40%	0
004.00	Fiber, Crude, Asbestos Free (%)	876	4.7050	0.29000	1.9947	1.5023	0.28769	9	1.80	68%	0
004.00	Fiber, Crude, Asbestos Free (%)	511	8.8000	1.0000	1.9947	1.5023	0.28769	9	4.53	171%	0
004.03	Fiber, Fritted Glass (%)	2089	0.84000	0.18000			0.18000	1			
004.06	Fiber, Fibertec (%)	98	0.79000	0.28000			0.28000	1			
004.07	Fiber, ANKOM (%)	98	0.14500	0.29000	1.2133	1.1238	0.33041	9	-0.95	44%	0
004.07	Fiber, ANKOM (%)	202	0.21000	0.00000	1.2133	1.1238	0.33041	9	-0.89	41%	0
004.07	Fiber, ANKOM (%)	3	0.37000	0.10000	1.2133	1.1238	0.33041	9	-0.75	35%	0
004.07	Fiber, ANKOM (%)	8	0.59000	0.62000	1.2133	1.1238	0.33041	9	-0.55	26%	0
004.07	Fiber, ANKOM (%)	870	1.0610	0.03370	1.2133	1.1238	0.33041	9	-0.14	6%	0
004.07	Fiber, ANKOM (%)	15	1.4000	0.34000	1.2133	1.1238	0.33041	9	0.17	8%	0
004.07	Fiber, ANKOM (%)	42	1.9550	0.39000	1.2133	1.1238	0.33041	9	0.66	31%	0
004.07	Fiber, ANKOM (%)	74	2.2900	0.70000	1.2133	1.1238	0.33041	9	0.96	44%	0
004.07	Fiber, ANKOM (%)	34	4.1500	0.50000	1.2133	1.1238	0.33041	9	2.61	121%	0
005.00	Ash, 2h @ 600°C (%)	964	4.3700	0.04000	5.2346	0.36881	0.13031	32	-2.34	8%	0
005.00	Ash, 2h @ 600°C (%)	47	4.5500	0.10000	5.2346	0.36881	0.13031	32	-1.86	7%	0
005.00	Ash, 2h @ 600°C (%)	208	4.5700	0.24000	5.2346	0.36881	0.13031	32	-1.80	6%	0
005.00	Ash, 2h @ 600°C (%)	42	4.7250	0.07000	5.2346	0.36881	0.13031	32	-1.38	5%	0
005.00	Ash, 2h @ 600°C (%)	34	4.7433	0.01210	5.2346	0.36881	0.13031	32	-1.33	5%	0
005.00	Ash, 2h @ 600°C (%)	960	4.7850	0.37000	5.2346	0.36881	0.13031	32	-1.22	4%	0
005.00	Ash, 2h @ 600°C (%)	164	5.0000	0.04000	5.2346	0.36881	0.13031	32	-0.64	2%	0
005.00	Ash, 2h @ 600°C (%)	65	5.0265	0.00300	5.2346	0.36881	0.13031	32	-0.56	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	959	5.0300	0.34000	5.2346	0.36881	0.13031	32	-0.55	2%	0
005.00	Ash, 2h @ 600°C (%)	15	5.0350	0.07000	5.2346	0.36881	0.13031	32	-0.54	2%	0
005.00	Ash, 2h @ 600°C (%)	51	5.0500	0.30000	5.2346	0.36881	0.13031	32	-0.50	2%	0
005.00	Ash, 2h @ 600°C (%)	650	5.0800	0.00000	5.2346	0.36881	0.13031	32	-0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	840	5.1550	0.03000	5.2346	0.36881	0.13031	32	-0.22	1%	0
005.00	Ash, 2h @ 600°C (%)	842	5.1900	0.02000	5.2346	0.36881	0.13031	32	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	512	5.2185	0.16900	5.2346	0.36881	0.13031	32	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	811	5.2300	0.02000	5.2346	0.36881	0.13031	32	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	808	5.2600	0.12000	5.2346	0.36881	0.13031	32	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	510	5.3000	0.06000	5.2346	0.36881	0.13031	32	0.18	1%	0
005.00	Ash, 2h @ 600°C (%)	1010	5.3000	0.02000	5.2346	0.36881	0.13031	32	0.18	1%	0
005.00	Ash, 2h @ 600°C (%)	660	5.3450	0.25000	5.2346	0.36881	0.13031	32	0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	810	5.3450	0.01000	5.2346	0.36881	0.13031	32	0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	870	5.3885	0.22820	5.2346	0.36881	0.13031	32	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	8	5.3900	0.02000	5.2346	0.36881	0.13031	32	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	841	5.4800	0.08000	5.2346	0.36881	0.13031	32	0.67	2%	0
005.00	Ash, 2h @ 600°C (%)	417	5.4950	0.15000	5.2346	0.36881	0.13031	32	0.71	2%	0
005.00	Ash, 2h @ 600°C (%)	958	5.4950	0.17000	5.2346	0.36881	0.13031	32	0.71	2%	0
005.00	Ash, 2h @ 600°C (%)	511	5.5550	0.43000	5.2346	0.36881	0.13031	32	0.87	3%	0
005.00	Ash, 2h @ 600°C (%)	98	5.6500	0.12000	5.2346	0.36881	0.13031	32	1.13	4%	0
005.00	Ash, 2h @ 600°C (%)	957	6.0600	0.36000	5.2346	0.36881	0.13031	32	2.24	8%	0
005.00	Ash, 2h @ 600°C (%)	1	6.0809	0.08770	5.2346	0.36881	0.13031	32	2.29	8%	0
005.00	Ash, 2h @ 600°C (%)	2089	6.8200	0.18000	5.2346	0.36881	0.13031	32	4.30	15%	0
005.00	Ash, 2h @ 600°C (%)	171	7.3700	0.06000	5.2346	0.36881	0.13031	32	5.79	20%	0
005.00	Ash, 2h @ 600°C (%)	309	11.056	0.82200	5.2346	0.36881	0.13031	32	15.78	56%	1
005.05	Ash, 3h @ 550°C (%)	3	5.2350	0.03000			0.05500	2	-0.71	8%	0
005.05	Ash, 3h @ 550°C (%)	33	7.2100	0.08000			0.05500	2	0.71	8%	0
005.99	Ash, Miscellaneous (%)	969	4.5050	0.03000	4.9375	0.38293	0.13833	6	-1.13	4%	0
005.99	Ash, Miscellaneous (%)	970	4.5650	0.01000	4.9375	0.38293	0.13833	6	-0.97	4%	0
005.99	Ash, Miscellaneous (%)	2023	4.9500	0.44000	4.9375	0.38293	0.13833	6	0.03	0%	0
005.99	Ash, Miscellaneous (%)	2004	5.0500	0.16000	4.9375	0.38293	0.13833	6	0.29	1%	0
005.99	Ash, Miscellaneous (%)	2094	5.2650	0.13000	4.9375	0.38293	0.13833	6	0.86	3%	0
005.99	Ash, Miscellaneous (%)	202	5.2900	0.06000	4.9375	0.38293	0.13833	6	0.92	4%	0
006.99	Total sugars, Miscellaneous (%)	969	0.00000	0.00000	0.00000	0.00000	0.00490	3	-0.58	50%	0
006.99	Total sugars, Miscellaneous (%)	970	0.00000	0.00000	0.00000	0.00000	0.00490	3	-0.58	50%	0
006.99	Total sugars, Miscellaneous (%)	2004	0.01595	0.01470	0.00000	0.00000	0.00490	3	1.15	100%	0
008.02	Fiber, Acid Detergent (%)	98	1.1100	0.12000			0.12000	1			
008.08	Fiber, Acid Detergent, ANKOM (%)	1	4.3200	0.04000			0.04000	1			
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	98	1.4750	0.79000			0.79000	1			
009.09	Fiber, Neutral Detergent, ANKOM (%)	1	2.8350	1.0900			1.0900	1			
010.03	Moisture, Karl-Fischer (%)	208	3.4050	0.01000			0.01000	1			
010.99	Moisture, Miscellaneous (%)	970	3.7000	0.52000	4.0313	0.33641	0.24750	4	-0.98	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
010.99	Moisture, Miscellaneous (%)	2004	3.9450	0.09000	4.0313	0.33641	0.24750	4	-0.26	1%	0
010.99	Moisture, Miscellaneous (%)	969	3.9800	0.10000	4.0313	0.33641	0.24750	4	-0.15	1%	0
010.99	Moisture, Miscellaneous (%)	2089	4.5000	0.28000	4.0313	0.33641	0.24750	4	1.39	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	51	4.9550	0.13000	6.5319	0.32385	0.20808	18	-4.87	12%	0
011.01	Loss on Drying, 135°C 2hr (%)	960	5.5850	0.21000	6.5319	0.32385	0.20808	18	-2.92	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	870	5.9533	0.18550	6.5319	0.32385	0.20808	18	-1.79	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	8	6.1150	0.11000	6.5319	0.32385	0.20808	18	-1.29	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	208	6.3450	0.39000	6.5319	0.32385	0.20808	18	-0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	202	6.3850	0.01000	6.5319	0.32385	0.20808	18	-0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	660	6.3950	0.21000	6.5319	0.32385	0.20808	18	-0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	511	6.4500	0.24000	6.5319	0.32385	0.20808	18	-0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	650	6.5200	0.58000	6.5319	0.32385	0.20808	18	-0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	171	6.5650	0.05000	6.5319	0.32385	0.20808	18	0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	510	6.6000	0.00000	6.5319	0.32385	0.20808	18	0.21	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	98	6.6200	0.10000	6.5319	0.32385	0.20808	18	0.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	164	6.6650	0.03000	6.5319	0.32385	0.20808	18	0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	33	6.6900	0.20000	6.5319	0.32385	0.20808	18	0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	957	6.9550	0.61000	6.5319	0.32385	0.20808	18	1.31	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	958	7.0000	0.18000	6.5319	0.32385	0.20808	18	1.45	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	309	7.0050	0.25000	6.5319	0.32385	0.20808	18	1.46	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	959	7.1300	0.26000	6.5319	0.32385	0.20808	18	1.85	5%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	2083	5.2843	0.20050	5.9736	0.59123	0.10013	4	-1.17	6%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	417	5.7350	0.07000	5.9736	0.59123	0.10013	4	-0.40	2%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	2094	6.2300	0.06000	5.9736	0.59123	0.10013	4	0.43	2%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	2023	6.6450	0.07000	5.9736	0.59123	0.10013	4	1.14	6%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	3.6500	0.10000			0.10000	1			
012.01	Starch, Megazyme (%)	870	1.1773	0.03010			0.03005	2	-0.71	7%	0
012.01	Starch, Megazyme (%)	2004	1.5350	0.03000			0.03005	2	0.71	7%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	2.0100	0.14000			0.14000	1			
012.04	Starch, YSI Analyzer (%)	510	0.60000	0.00000			0.00000	1			
013.00	Fat, Acid hydrolysis (%)	555	0.78500	0.43000	10.545	1.2441	0.21222	9	-7.85	46%	0
013.00	Fat, Acid hydrolysis (%)	969	8.8500	0.10000	10.545	1.2441	0.21222	9	-1.36	8%	0
013.00	Fat, Acid hydrolysis (%)	2004	9.6500	0.10000	10.545	1.2441	0.21222	9	-0.72	4%	0
013.00	Fat, Acid hydrolysis (%)	970	10.400	0.20000	10.545	1.2441	0.21222	9	-0.12	1%	0
013.00	Fat, Acid hydrolysis (%)	504	10.710	0.20000	10.545	1.2441	0.21222	9	0.13	1%	0
013.00	Fat, Acid hydrolysis (%)	2094	11.245	0.21000	10.545	1.2441	0.21222	9	0.56	3%	0
013.00	Fat, Acid hydrolysis (%)	202	11.450	0.20000	10.545	1.2441	0.21222	9	0.73	4%	0
013.00	Fat, Acid hydrolysis (%)	2089	11.470	0.42000	10.545	1.2441	0.21222	9	0.74	4%	0
013.00	Fat, Acid hydrolysis (%)	2023	11.945	0.05000	10.545	1.2441	0.21222	9	1.12	7%	0
013.02	Fat, Mojonier, Bak Ext (%)	876	3.0600	0.24000	10.116	0.69931	0.32445	23	-10.09	35%	0
013.02	Fat, Mojonier, Bak Ext (%)	65	9.3000	0.16000	10.116	0.69931	0.32445	23	-1.17	4%	0
013.02	Fat, Mojonier, Bak Ext (%)	789	9.4000	0.30000	10.116	0.69931	0.32445	23	-1.02	4%	0

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013.02	Fat, Mojonnier, Bak Ext (%)	957	9.4300	0.12000	10.116	0.69931	0.32445	23	-0.98	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	794	9.4350	0.13000	10.116	0.69931	0.32445	23	-0.97	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	792	9.4950	0.61000	10.116	0.69931	0.32445	23	-0.89	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	841	9.6650	0.41000	10.116	0.69931	0.32445	23	-0.65	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	171	9.7700	0.10000	10.116	0.69931	0.32445	23	-0.50	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	790	9.9050	0.81000	10.116	0.69931	0.32445	23	-0.30	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	208	10.030	0.94000	10.116	0.69931	0.32445	23	-0.12	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	811	10.040	0.12000	10.116	0.69931	0.32445	23	-0.11	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	808	10.135	0.03000	10.116	0.69931	0.32445	23	0.03	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	958	10.135	0.05000	10.116	0.69931	0.32445	23	0.03	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	960	10.190	1.1200	10.116	0.69931	0.32445	23	0.11	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	840	10.205	0.11000	10.116	0.69931	0.32445	23	0.13	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	842	10.425	0.01000	10.116	0.69931	0.32445	23	0.44	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	1010	10.470	0.06000	10.116	0.69931	0.32445	23	0.51	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	810	10.550	0.80000	10.116	0.69931	0.32445	23	0.62	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	164	10.590	0.12000	10.116	0.69931	0.32445	23	0.68	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	959	11.040	0.28000	10.116	0.69931	0.32445	23	1.32	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	650	11.050	0.08000	10.116	0.69931	0.32445	23	1.34	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	870	11.245	0.35240	10.116	0.69931	0.32445	23	1.61	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	8	11.615	0.51000	10.116	0.69931	0.32445	23	2.14	7%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	660	9.5000	0.06000			0.06000	1			
013.13	Fat, Ankom- Acid Hydrolysis (%)	27	5.5958	0.10990	7.6569	2.0799	0.31330	3	-0.99	13%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	42	7.6200	0.20000	7.6569	2.0799	0.31330	3	-0.02	0%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	3	9.7550	0.63000	7.6569	2.0799	0.31330	3	1.01	14%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	164	18.000	2.0000	34.397	19.527	4.0547	3	-0.84	24%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	964	29.192	8.1640	34.397	19.527	4.0547	3	-0.27	8%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	171	56.000	2.0000	34.397	19.527	4.0547	3	1.11	31%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	510	2.0000	0.00000			0.00000	1			
019.31	Calcium, AAS, Dry ash (%)	1	0.05320	0.00320	0.05760	0.00645	0.01400	3	-0.68	4%	0
019.31	Calcium, AAS, Dry ash (%)	208	0.05460	0.02880	0.05760	0.00645	0.01400	3	-0.47	3%	0
019.31	Calcium, AAS, Dry ash (%)	650	0.06500	0.01000	0.05760	0.00645	0.01400	3	1.15	6%	0
019.41	Calcium, ICP, Dry ash (%)	164	0.05700	0.00000	0.06228	0.00402	0.00157	10	-1.31	4%	0
019.41	Calcium, ICP, Dry ash (%)	964	0.05895	0.00030	0.06228	0.00402	0.00157	10	-0.83	3%	0
019.41	Calcium, ICP, Dry ash (%)	51	0.06000	0.00000	0.06228	0.00402	0.00157	10	-0.57	2%	0
019.41	Calcium, ICP, Dry ash (%)	511	0.06000	0.00000	0.06228	0.00402	0.00157	10	-0.57	2%	0
019.41	Calcium, ICP, Dry ash (%)	2089	0.06000	0.00000	0.06228	0.00402	0.00157	10	-0.57	2%	0
019.41	Calcium, ICP, Dry ash (%)	208	0.06400	0.00200	0.06228	0.00402	0.00157	10	0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	512	0.06470	0.00020	0.06228	0.00402	0.00157	10	0.60	2%	0
019.41	Calcium, ICP, Dry ash (%)	98	0.06490	0.00320	0.06228	0.00402	0.00157	10	0.65	2%	0
019.41	Calcium, ICP, Dry ash (%)	171	0.06500	0.01000	0.06228	0.00402	0.00157	10	0.68	2%	0
019.41	Calcium, ICP, Dry ash (%)	74	0.07000	0.00000	0.06228	0.00402	0.00157	10	1.92	6%	0
019.41	Calcium, ICP, Dry ash (%)	3	0.20500	0.01000	0.06228	0.00402	0.00157	10	35.51	115%	2

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019.42	Calcium, ICP, Open vessel (%)	870	0.05110	0.00000	0.06155	0.00832	0.01984	5	-0.89	14%	0
019.42	Calcium, ICP, Open vessel (%)	555	0.05900	0.00400	0.06155	0.00832	0.01984	5	-0.54	9%	0
019.42	Calcium, ICP, Open vessel (%)	160	0.06610	0.00020	0.06155	0.00832	0.01984	5	-0.22	4%	0
019.42	Calcium, ICP, Open vessel (%)	202	0.07000	0.00000	0.06155	0.00832	0.01984	5	-0.05	1%	0
019.42	Calcium, ICP, Open vessel (%)	42	0.10950	0.09500	0.06155	0.00832	0.01984	5	1.70	27%	0
019.43	Calcium, ICP, Microwave (%)	510	0.05000	0.00000	0.06288	0.00514	0.00107	7	-2.50	10%	0
019.43	Calcium, ICP, Microwave (%)	8	0.05940	0.00220	0.06288	0.00514	0.00107	7	-0.68	3%	0
019.43	Calcium, ICP, Microwave (%)	964	0.06200	0.00140	0.06288	0.00514	0.00107	7	-0.17	1%	0
019.43	Calcium, ICP, Microwave (%)	2094	0.06220	0.00320	0.06288	0.00514	0.00107	7	-0.13	1%	0
019.43	Calcium, ICP, Microwave (%)	98	0.06375	0.00070	0.06288	0.00514	0.00107	7	0.17	1%	0
019.43	Calcium, ICP, Microwave (%)	17	0.07000	0.00000	0.06288	0.00514	0.00107	7	1.38	6%	0
019.43	Calcium, ICP, Microwave (%)	33	0.07000	0.00000	0.06288	0.00514	0.00107	7	1.38	6%	0
019.44	Calcium, ICP, Dry ash (%)	2023	0.05865	0.00070	0.05956	0.00096	0.00158	4	-0.95	1%	0
019.44	Calcium, ICP, Dry ash (%)	970	0.05890	0.00180	0.05956	0.00096	0.00158	4	-0.69	1%	0
019.44	Calcium, ICP, Dry ash (%)	969	0.06000	0.00000	0.05956	0.00096	0.00158	4	0.46	0%	0
019.44	Calcium, ICP, Dry ash (%)	2004	0.06070	0.00380	0.05956	0.00096	0.00158	4	1.19	1%	0
019.52	Calcium, ICP-MS, Open vessel (%)	47	0.07200	0.00400			0.00400	1			
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	171	0.00000	0.00000			0.00000	1			
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	964	0.02590	0.00920			0.00960	2	-0.71	29%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	510	0.09500	0.01000			0.00960	2	0.71	29%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	555	0.00000	0.00000			0.00000	1			
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	164	2.0500	0.10000	4.1952	1.7179	0.99562	6	-1.25	26%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	171	2.9000	0.20000	4.1952	1.7179	0.99562	6	-0.75	15%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	208	4.1745	0.92100	4.1952	1.7179	0.99562	6	-0.01	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	964	4.5461	1.5327	4.1952	1.7179	0.99562	6	0.20	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	98	4.8300	1.2200	4.1952	1.7179	0.99562	6	0.37	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	3	47.000	2.0000	4.1952	1.7179	0.99562	6	24.92	510%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	870	4.3670	0.00000	6.7380	2.0393	0.89750	4	-1.16	18%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	555	5.8550	1.0300	6.7380	2.0393	0.89750	4	-0.43	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	42	7.7400	2.5600	6.7380	2.0393	0.89750	4	0.49	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	202	8.9900	0.00000	6.7380	2.0393	0.89750	4	1.10	17%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	510	4.0000	0.00000	4.6938	0.54914	0.26250	4	-1.26	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	98	4.5900	0.26000	4.6938	0.54914	0.26250	4	-0.19	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	964	4.8750	0.21000	4.6938	0.54914	0.26250	4	0.33	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	8	5.3100	0.58000	4.6938	0.54914	0.26250	4	1.12	7%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	969	4.1850	0.01000	4.5400	0.32569	0.04000	3	-1.09	4%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	970	4.6100	0.04000	4.5400	0.32569	0.04000	3	0.21	1%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	4.8250	0.07000	4.5400	0.32569	0.04000	3	0.88	3%	0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	555	4.6500	0.70000			0.70000	1			
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	4.1850	0.01000			0.01000	1			
024.99	Iodine, Miscellaneous (mg / kg (ppm))	970	2.3150	0.05000	2.4050	0.09000	0.05000	3	-1.00	2%	0
024.99	Iodine, Miscellaneous (mg / kg (ppm))	969	2.4050	0.07000	2.4050	0.09000	0.05000	3	0.00	0%	0

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024.99	Iodine, Miscellaneous (mg / kg (ppm))	2004	2.4950	0.03000	2.4050	0.09000	0.05000	3	1.00	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	208	43.250	0.70000			0.70000	1			
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	511	30.500	3.0000	39.937	5.7947	2.3818	11	-1.63	12%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2089	33.230	6.1400	39.937	5.7947	2.3818	11	-1.16	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	164	36.500	1.0000	39.937	5.7947	2.3818	11	-0.59	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	51	37.000	2.0000	39.937	5.7947	2.3818	11	-0.51	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	970	39.350	0.10000	39.937	5.7947	2.3818	11	-0.10	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	969	39.750	1.3000	39.937	5.7947	2.3818	11	-0.03	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	41.150	0.50000	39.937	5.7947	2.3818	11	0.21	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	98	43.965	4.5300	39.937	5.7947	2.3818	11	0.70	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	171	44.500	3.0000	39.937	5.7947	2.3818	11	0.79	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	208	46.115	1.6300	39.937	5.7947	2.3818	11	1.07	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	74	46.500	3.0000	39.937	5.7947	2.3818	11	1.13	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	3	84.000	12.000	39.937	5.7947	2.3818	11	7.60	55%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	870	35.570	0.00000	41.952	6.3626	8.6975	4	-0.94	13%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	160	41.990	0.56000	41.952	6.3626	8.6975	4	-0.46	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	555	48.295	6.1300	41.952	6.3626	8.6975	4	0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	42	66.450	28.100	41.952	6.3626	8.6975	4	1.38	19%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	510	36.000	0.00000	40.838	3.7547	0.18400	5	-1.29	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	39.000	0.00000	40.838	3.7547	0.18400	5	-0.49	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	8	41.000	0.00000	40.838	3.7547	0.18400	5	0.04	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	98	42.050	0.64000	40.838	3.7547	0.18400	5	0.32	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	964	46.140	0.28000	40.838	3.7547	0.18400	5	1.41	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	17	41.500	7.0000	40.838	3.7547	0.18400	5	0.18	1%	1
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppr	47	37.200	5.0000			5.0000	2	-0.71	6%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppr	555	47.500	5.0000			5.0000	2	0.71	6%	0
027.31	Magnesium, AAS, Dry ash (%)	650	0.16495	0.01050			0.01225	2	-0.71	1%	0
027.31	Magnesium, AAS, Dry ash (%)	208	0.17100	0.01400			0.01225	2	0.71	1%	0
027.41	Magnesium, ICP, Dry ash (%)	511	0.14000	0.00000	0.16847	0.01451	0.00227	11	-1.96	8%	0
027.41	Magnesium, ICP, Dry ash (%)	51	0.15400	0.00020	0.16847	0.01451	0.00227	11	-1.00	4%	0
027.41	Magnesium, ICP, Dry ash (%)	164	0.15650	0.00300	0.16847	0.01451	0.00227	11	-0.82	4%	0
027.41	Magnesium, ICP, Dry ash (%)	171	0.16000	0.00000	0.16847	0.01451	0.00227	11	-0.58	3%	0
027.41	Magnesium, ICP, Dry ash (%)	74	0.16700	0.00000	0.16847	0.01451	0.00227	11	-0.10	0%	0
027.41	Magnesium, ICP, Dry ash (%)	2089	0.17000	0.00000	0.16847	0.01451	0.00227	11	0.11	0%	0
027.41	Magnesium, ICP, Dry ash (%)	512	0.17470	0.00920	0.16847	0.01451	0.00227	11	0.43	2%	0
027.41	Magnesium, ICP, Dry ash (%)	98	0.17500	0.01000	0.16847	0.01451	0.00227	11	0.45	2%	0
027.41	Magnesium, ICP, Dry ash (%)	208	0.17700	0.00200	0.16847	0.01451	0.00227	11	0.59	3%	0
027.41	Magnesium, ICP, Dry ash (%)	964	0.18120	0.00060	0.16847	0.01451	0.00227	11	0.88	4%	0
027.41	Magnesium, ICP, Dry ash (%)	3	0.19000	0.00000	0.16847	0.01451	0.00227	11	1.48	6%	0
027.42	Magnesium, ICP, Open vessel (%)	555	0.17000	0.02000	0.17613	0.00484	0.00950	4	-1.27	2%	0
027.42	Magnesium, ICP, Open vessel (%)	870	0.17450	0.00000	0.17613	0.00484	0.00950	4	-0.34	0%	0
027.42	Magnesium, ICP, Open vessel (%)	42	0.18000	0.01800	0.17613	0.00484	0.00950	4	0.80	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.42	Magnesium, ICP, Open vessel (%)	202	0.18000	0.00000	0.17613	0.00484	0.00950	4	0.80	1%	0
027.43	Magnesium, ICP, Microwave (%)	34	0.12350	0.00100	0.16180	0.02292	0.00212	5	-1.67	12%	0
027.43	Magnesium, ICP, Microwave (%)	510	0.16000	0.00000	0.16180	0.02292	0.00212	5	-0.08	1%	0
027.43	Magnesium, ICP, Microwave (%)	98	0.17000	0.00000	0.16180	0.02292	0.00212	5	0.36	3%	0
027.43	Magnesium, ICP, Microwave (%)	8	0.17250	0.00300	0.16180	0.02292	0.00212	5	0.47	3%	0
027.43	Magnesium, ICP, Microwave (%)	964	0.18300	0.00660	0.16180	0.02292	0.00212	5	0.92	7%	0
027.44	Magnesium, ICP, Dry ash (%)	970	0.16550	0.00700	0.16888	0.00364	0.00525	4	-0.93	1%	0
027.44	Magnesium, ICP, Dry ash (%)	2023	0.16650	0.00900	0.16888	0.00364	0.00525	4	-0.65	1%	0
027.44	Magnesium, ICP, Dry ash (%)	969	0.17000	0.00000	0.16888	0.00364	0.00525	4	0.31	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.17350	0.00500	0.16888	0.00364	0.00525	4	1.27	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppn	208	12.900	0.60000			0.60000	1			
028.41	Manganese, ICP, Dry ash (mg / kg (ppm	164	11.000	0.00000	12.538	1.0189	0.52022	9	-1.51	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm	51	11.070	0.02000	12.538	1.0189	0.52022	9	-1.44	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm	74	12.000	0.00000	12.538	1.0189	0.52022	9	-0.53	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm	171	12.300	0.00000	12.538	1.0189	0.52022	9	-0.23	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm	512	12.870	1.0600	12.538	1.0189	0.52022	9	0.33	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm	2089	12.885	0.13000	12.538	1.0189	0.52022	9	0.34	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm	208	12.905	1.4500	12.538	1.0189	0.52022	9	0.36	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm	964	13.587	1.3320	12.538	1.0189	0.52022	9	1.03	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm	98	13.745	0.69000	12.538	1.0189	0.52022	9	1.18	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm	3	24.000	4.0000	12.538	1.0189	0.52022	9	11.25	46%	1
028.42	Manganese, ICP, Open vessel (mg / kg	870	11.260	0.00000	13.864	1.7585	1.3975	4	-1.48	9%	0
028.42	Manganese, ICP, Open vessel (mg / kg	42	14.350	1.9000	13.864	1.7585	1.3975	4	0.28	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg	555	14.825	3.6500	13.864	1.7585	1.3975	4	0.55	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg	202	15.020	0.04000	13.864	1.7585	1.3975	4	0.66	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (p	510	11.000	0.00000	12.780	1.2454	0.39500	4	-1.43	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (p	8	12.900	0.40000	12.780	1.2454	0.39500	4	0.10	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (p	98	13.395	0.53000	12.780	1.2454	0.39500	4	0.49	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (p	964	13.825	0.65000	12.780	1.2454	0.39500	4	0.84	4%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm	2023	11.700	0.60000	12.538	0.76635	0.37500	4	-1.09	3%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm	969	12.350	0.10000	12.538	0.76635	0.37500	4	-0.24	1%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm	970	12.550	0.10000	12.538	0.76635	0.37500	4	0.02	0%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm	2004	13.550	0.70000	12.538	0.76635	0.37500	4	1.32	4%	0
028.52	Manganese, ICP-MS, Open vessel (mg /	555	13.500	3.0000			3.0000	1			
031.01	Phosphorus, Photometric (%)	511	0.86500	0.03000	0.96933	0.09288	0.03200	3	-1.12	5%	0
031.01	Phosphorus, Photometric (%)	650	1.0000	0.02000	0.96933	0.09288	0.03200	3	0.33	2%	0
031.01	Phosphorus, Photometric (%)	208	1.0430	0.04600	0.96933	0.09288	0.03200	3	0.79	4%	0
031.03	Phosphorus, Autoanalyzer (%)	1	1.0065	0.01900	1.0505	0.03884	0.00967	3	-1.13	2%	0
031.03	Phosphorus, Autoanalyzer (%)	504	1.0650	0.01000	1.0505	0.03884	0.00967	3	0.37	1%	0
031.03	Phosphorus, Autoanalyzer (%)	47	1.0800	0.00000	1.0505	0.03884	0.00967	3	0.76	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	51	0.91155	0.03690	1.0659	0.05389	0.02163	10	-2.86	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	2089	1.0050	0.01000	1.0659	0.05389	0.02163	10	-1.13	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.41	Phosphorus, ICP, Dry ash (%)	171	1.0250	0.01000	1.0659	0.05389	0.02163	10	-0.76	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	164	1.0550	0.03000	1.0659	0.05389	0.02163	10	-0.20	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	74	1.0650	0.01000	1.0659	0.05389	0.02163	10	-0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	512	1.0735	0.02900	1.0659	0.05389	0.02163	10	0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	208	1.0740	0.02600	1.0659	0.05389	0.02163	10	0.15	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	98	1.0860	0.04200	1.0659	0.05389	0.02163	10	0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	964	1.1384	0.01240	1.0659	0.05389	0.02163	10	1.35	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	3	1.1550	0.01000	1.0659	0.05389	0.02163	10	1.65	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	42	1.0250	0.01000	1.0795	0.05943	0.03890	5	-0.80	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	555	1.0300	0.14000	1.0795	0.05943	0.03890	5	-0.71	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	870	1.0320	0.00000	1.0795	0.05943	0.03890	5	-0.67	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	160	1.1209	0.02450	1.0795	0.05943	0.03890	5	0.92	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	202	1.1400	0.02000	1.0795	0.05943	0.03890	5	1.26	3%	0
031.43	Phosphorus, ICP, Microwave (%)	510	0.98000	0.00000	1.0998	0.07887	0.03504	8	-1.52	5%	0
031.43	Phosphorus, ICP, Microwave (%)	33	1.0200	0.02000	1.0998	0.07887	0.03504	8	-1.01	4%	0
031.43	Phosphorus, ICP, Microwave (%)	8	1.0800	0.02000	1.0998	0.07887	0.03504	8	-0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	17	1.0950	0.11000	1.0998	0.07887	0.03504	8	-0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	98	1.1115	0.05300	1.0998	0.07887	0.03504	8	0.15	1%	0
031.43	Phosphorus, ICP, Microwave (%)	964	1.1248	0.03730	1.0998	0.07887	0.03504	8	0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2094	1.1780	0.02800	1.0998	0.07887	0.03504	8	0.99	4%	0
031.43	Phosphorus, ICP, Microwave (%)	34	1.1950	0.01200	1.0998	0.07887	0.03504	8	1.21	4%	0
031.44	Phosphorus, ICP, Dry ash (%)	969	1.0550	0.03000	1.0875	0.04481	0.02500	4	-0.73	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	2004	1.0550	0.03000	1.0875	0.04481	0.02500	4	-0.73	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	970	1.0900	0.00000	1.0875	0.04481	0.02500	4	0.06	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2023	1.1500	0.04000	1.0875	0.04481	0.02500	4	1.39	3%	0
032.02	Potassium, Flame Emission (%)	504	1.0450	0.05000			0.05000	1			
032.31	Potassium, AAS, Dry ash (%)	208	1.0550	0.03000			0.03000	2	0.00	0%	0
032.31	Potassium, AAS, Dry ash (%)	650	1.0550	0.03000			0.03000	2	0.00	0%	0
032.41	Potassium, ICP, Dry ash (%)	511	0.86000	0.02000	1.0215	0.07673	0.02247	10	-2.11	8%	0
032.41	Potassium, ICP, Dry ash (%)	51	0.96360	0.04920	1.0215	0.07673	0.02247	10	-0.75	3%	0
032.41	Potassium, ICP, Dry ash (%)	964	0.96395	0.04150	1.0215	0.07673	0.02247	10	-0.75	3%	0
032.41	Potassium, ICP, Dry ash (%)	208	1.0070	0.01400	1.0215	0.07673	0.02247	10	-0.19	1%	0
032.41	Potassium, ICP, Dry ash (%)	164	1.0100	0.00000	1.0215	0.07673	0.02247	10	-0.15	1%	0
032.41	Potassium, ICP, Dry ash (%)	171	1.0150	0.01000	1.0215	0.07673	0.02247	10	-0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	74	1.0550	0.03000	1.0215	0.07673	0.02247	10	0.44	2%	0
032.41	Potassium, ICP, Dry ash (%)	98	1.0600	0.04000	1.0215	0.07673	0.02247	10	0.50	2%	0
032.41	Potassium, ICP, Dry ash (%)	2089	1.1150	0.01000	1.0215	0.07673	0.02247	10	1.22	5%	0
032.41	Potassium, ICP, Dry ash (%)	3	1.1550	0.01000	1.0215	0.07673	0.02247	10	1.74	7%	0
032.42	Potassium, ICP, Open vessel (%)	870	0.89890	0.00000	0.97297	0.06587	0.03000	4	-1.41	5%	0
032.42	Potassium, ICP, Open vessel (%)	202	0.99500	0.01000	0.97297	0.06587	0.03000	4	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	42	1.0250	0.01000	0.97297	0.06587	0.03000	4	0.50	2%	0
032.42	Potassium, ICP, Open vessel (%)	555	1.0500	0.10000	0.97297	0.06587	0.03000	4	0.87	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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032.43	Potassium, ICP, Microwave (%)	34	0.88250	0.01700	0.98987	0.07301	0.04102	5	-1.47	5%	0
032.43	Potassium, ICP, Microwave (%)	510	0.95500	0.01000	0.98987	0.07301	0.04102	5	-0.48	2%	0
032.43	Potassium, ICP, Microwave (%)	98	1.0050	0.03000	0.98987	0.07301	0.04102	5	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	964	1.0419	0.05810	0.98987	0.07301	0.04102	5	0.71	3%	0
032.43	Potassium, ICP, Microwave (%)	8	1.0650	0.09000	0.98987	0.07301	0.04102	5	1.03	4%	0
032.44	Potassium, ICP, Dry ash (%)	970	1.0350	0.01000	1.0538	0.02175	0.03750	4	-0.86	1%	0
032.44	Potassium, ICP, Dry ash (%)	2004	1.0450	0.07000	1.0538	0.02175	0.03750	4	-0.40	0%	0
032.44	Potassium, ICP, Dry ash (%)	969	1.0500	0.02000	1.0538	0.02175	0.03750	4	-0.17	0%	0
032.44	Potassium, ICP, Dry ash (%)	2023	1.0850	0.05000	1.0538	0.02175	0.03750	4	1.44	1%	0
033.00	Salt as chloride, Sol Cl (%)	504	0.08500	0.03000			0.02050	2	-0.71	9%	0
033.00	Salt as chloride, Sol Cl (%)	309	0.12350	0.01100			0.02050	2	0.71	9%	0
033.01	Salt as chloride, Poten Cl (%)	164	0.23000	0.00000	0.24750	0.01323	0.02200	5	-0.82	7%	0
033.01	Salt as chloride, Poten Cl (%)	98	0.24500	0.03000	0.24750	0.01323	0.02200	5	-0.49	4%	0
033.01	Salt as chloride, Poten Cl (%)	510	0.25500	0.01000	0.24750	0.01323	0.02200	5	-0.27	2%	0
033.01	Salt as chloride, Poten Cl (%)	650	0.26000	0.06000	0.24750	0.01323	0.02200	5	-0.16	1%	0
033.01	Salt as chloride, Poten Cl (%)	2023	0.34500	0.01000	0.24750	0.01323	0.02200	5	1.73	15%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	171	0.24000	0.00000			0.00000	1			
034.04	Selenium, AA, Hydride (mg / kg (ppm))	171	0.11500	0.01000			0.00500	2	-0.71	19%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	164	0.26000	0.00000			0.00500	2	0.71	19%	0
034.34	Selenium, AAS, Graphite furnace (mg / kg (ppm))	34	0.14350	0.00300			0.00300	1			
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	42	0.16450	0.01500			0.01500	1			
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	964	0.39070	0.06740			0.06740	1			
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	555	0.15000	0.06000			0.06000	1			
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	0.30000	0.00000			0.00000	1			
034.99	Selenium, Miscellaneous (mg / kg (ppm))	2004	0.22750	0.00300	0.25838	0.02492	0.00925	4	-1.24	6%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	555	0.25500	0.01000	0.25838	0.02492	0.00925	4	-0.14	1%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	969	0.26300	0.00000	0.25838	0.02492	0.00925	4	0.19	1%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	970	0.28800	0.02400	0.25838	0.02492	0.00925	4	1.19	6%	0
035.05	Sodium, Flame Emission (%)	504	0.15500	0.01000			0.01000	1			
035.31	Sodium, AAS, Dry ash (%)	208	0.13900	0.01600			0.00800	2	-0.71	4%	0
035.31	Sodium, AAS, Dry ash (%)	650	0.16000	0.00000			0.00800	2	0.71	4%	0
035.41	Sodium, ICP, Dry ash (%)	51	0.13690	0.00880	0.15235	0.01261	0.00841	11	-1.23	5%	0
035.41	Sodium, ICP, Dry ash (%)	164	0.14000	0.00200	0.15235	0.01261	0.00841	11	-0.98	4%	0
035.41	Sodium, ICP, Dry ash (%)	969	0.14000	0.00000	0.15235	0.01261	0.00841	11	-0.98	4%	0
035.41	Sodium, ICP, Dry ash (%)	964	0.14655	0.00570	0.15235	0.01261	0.00841	11	-0.46	2%	0
035.41	Sodium, ICP, Dry ash (%)	171	0.15000	0.00000	0.15235	0.01261	0.00841	11	-0.19	1%	0
035.41	Sodium, ICP, Dry ash (%)	970	0.15150	0.00100	0.15235	0.01261	0.00841	11	-0.07	0%	0
035.41	Sodium, ICP, Dry ash (%)	2089	0.15500	0.01000	0.15235	0.01261	0.00841	11	0.21	1%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.15800	0.01400	0.15235	0.01261	0.00841	11	0.45	2%	0
035.41	Sodium, ICP, Dry ash (%)	98	0.16000	0.02000	0.15235	0.01261	0.00841	11	0.61	3%	0
035.41	Sodium, ICP, Dry ash (%)	208	0.16750	0.01700	0.15235	0.01261	0.00841	11	1.20	5%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.17700	0.01400	0.15235	0.01261	0.00841	11	1.95	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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035.42	Sodium, ICP, Open vessel (%)	870	0.13630	0.00000	0.15543	0.01657	0.00667	3	-1.15	6%	0
035.42	Sodium, ICP, Open vessel (%)	202	0.16500	0.01000	0.15543	0.01657	0.00667	3	0.58	3%	0
035.42	Sodium, ICP, Open vessel (%)	555	0.16500	0.01000	0.15543	0.01657	0.00667	3	0.58	3%	0
035.43	Sodium, ICP, Microwave (%)	510	0.12900	0.00000	0.14594	0.01324	0.00572	6	-1.28	6%	0
035.43	Sodium, ICP, Microwave (%)	34	0.13000	0.00000	0.14594	0.01324	0.00572	6	-1.20	5%	0
035.43	Sodium, ICP, Microwave (%)	98	0.14500	0.01000	0.14594	0.01324	0.00572	6	-0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	964	0.15315	0.00930	0.14594	0.01324	0.00572	6	0.54	2%	0
035.43	Sodium, ICP, Microwave (%)	8	0.15500	0.00800	0.14594	0.01324	0.00572	6	0.68	3%	0
035.43	Sodium, ICP, Microwave (%)	2094	0.15850	0.00700	0.14594	0.01324	0.00572	6	0.95	4%	0
036.04	Sulfur, LECO (%)	98	0.41500	0.01000			0.01000	1			
036.42	Sulfur, ICP, Open vessel (%)	2089	0.26000	0.04000	0.38163	0.01584	0.01800	7	-7.68	16%	0
036.42	Sulfur, ICP, Open vessel (%)	42	0.26500	0.05600	0.38163	0.01584	0.01800	7	-7.37	15%	0
036.42	Sulfur, ICP, Open vessel (%)	202	0.38000	0.00000	0.38163	0.01584	0.01800	7	-0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	555	0.38500	0.01000	0.38163	0.01584	0.01800	7	0.21	0%	0
036.42	Sulfur, ICP, Open vessel (%)	870	0.39090	0.00000	0.38163	0.01584	0.01800	7	0.59	1%	0
036.42	Sulfur, ICP, Open vessel (%)	164	0.39500	0.01000	0.38163	0.01584	0.01800	7	0.84	2%	0
036.42	Sulfur, ICP, Open vessel (%)	171	0.39500	0.01000	0.38163	0.01584	0.01800	7	0.84	2%	0
036.43	Sulfur, ICP, Microwave (%)	510	0.38000	0.00000	0.40571	0.02500	0.00468	4	-1.03	3%	0
036.43	Sulfur, ICP, Microwave (%)	98	0.39445	0.01090	0.40571	0.02500	0.00468	4	-0.45	1%	0
036.43	Sulfur, ICP, Microwave (%)	33	0.41000	0.00000	0.40571	0.02500	0.00468	4	0.17	1%	0
036.43	Sulfur, ICP, Microwave (%)	964	0.43840	0.00780	0.40571	0.02500	0.00468	4	1.31	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	208	83.600	1.8000			1.8000	1			
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	511	66.500	1.0000	89.563	9.5785	5.2643	8	-2.41	13%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	164	82.500	1.0000	89.563	9.5785	5.2643	8	-0.74	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	964	84.026	6.2140	89.563	9.5785	5.2643	8	-0.58	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2089	86.665	0.39000	89.563	9.5785	5.2643	8	-0.30	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	171	93.000	0.00000	89.563	9.5785	5.2643	8	0.36	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	208	95.035	17.930	89.563	9.5785	5.2643	8	0.57	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	98	95.610	3.5800	89.563	9.5785	5.2643	8	0.63	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	3	241.00	12.000	89.563	9.5785	5.2643	8	15.81	85%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	870	69.020	0.00000	86.993	17.075	6.5000	4	-1.38	12%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	202	88.960	0.00000	86.993	17.075	6.5000	4	-0.07	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	555	99.000	22.000	86.993	17.075	6.5000	4	0.59	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	42	103.00	4.0000	86.993	17.075	6.5000	4	0.86	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	510	84.000	0.00000	90.062	5.0041	2.1120	5	-1.21	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	8	85.850	1.3000	90.062	5.0041	2.1120	5	-0.84	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	964	91.190	2.5600	90.062	5.0041	2.1120	5	0.23	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	93.500	3.0000	90.062	5.0041	2.1120	5	0.69	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	98	95.770	3.7000	90.062	5.0041	2.1120	5	1.14	3%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	969	86.550	0.90000	88.783	2.0108	2.3667	3	-1.11	1%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	970	89.350	2.5000	88.783	2.0108	2.3667	3	0.28	0%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	90.450	3.7000	88.783	2.0108	2.3667	3	0.83	1%	0

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037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppr	555	94.500	17.000			17.000	1			
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppr	171	0.75000	0.10000			0.15570	2	-0.71	7%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppr	964	0.98550	0.21140			0.15570	2	0.71	7%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg	555	1.4950	0.65000			0.65000	1			
038.43	Molybdenum, ICP, Microwave (mg / kg (	964	0.86050	0.26620			0.13310	2	-0.71	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (	510	0.90000	0.00000			0.13310	2	0.71	1%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg	555	1.0900	0.22000			0.22000	1			
038.53	Molybdenum, ICP-MS, Microwave (mg /	2023	0.94500	0.01000			0.01000	1			
040.52	Barium, ICP-MS, Open vessel (mg / kg (	555	0.36000	0.08000			0.08000	1			
041.52	Vanadium, ICP-MS, Open vessel (mg / k	555	0.00000	0.00000			0.00000	1			
042.00	Chloride, Titrimetric (%)	2004	0.11650	0.00300			0.00150	2	-0.71	5%	0
042.00	Chloride, Titrimetric (%)	969	0.14000	0.00000			0.00150	2	0.71	5%	0
042.99	Chloride, Miscellaneous (%)	2089	0.15000	0.00000			0.00000	1			
101.01	Choline Chloride, Chem (mg / kg (ppm))	969	3,105.0	10.000			165.00	2	-0.71	1%	0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	3,190.0	320.00			165.00	2	0.71	1%	0
102.01	Niacin, Microbiological (mg / kg (ppm))	969	61.700	2.4000			1.8000	2	-0.71	3%	0
102.01	Niacin, Microbiological (mg / kg (ppm))	2004	69.500	1.2000			1.8000	2	0.71	3%	0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	2004	5.3000	0.40000			0.60000	2	-0.71	22%	0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	969	13.500	0.80000			0.60000	2	0.71	22%	0
104.02	Riboflavin, Microbiological, Turbidity (mg	969	23.400	1.8000			2.3500	2	-0.71	3%	0
104.02	Riboflavin, Microbiological, Turbidity (mg	2004	26.550	2.9000			2.3500	2	0.71	3%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2023	13.500	1.0000			1.0000	1			
105.00	Thiamine, LC (mg / kg (ppm))	208	14.816	1.6500			1.4250	2	-0.71	7%	0
105.00	Thiamine, LC (mg / kg (ppm))	2023	19.700	1.2000			1.4250	2	0.71	7%	0
105.99	Thiamine, Miscellaneous (mg / kg (ppm))	969	13.100	0.60000			1.1000	2	-0.71	1%	0
105.99	Thiamine, Miscellaneous (mg / kg (ppm))	2004	13.600	1.6000			1.1000	2	0.71	1%	0
106.02	Vitamin A, LC (KU / kg)	969	0.00000	0.00000	0.00000	0.00000	0.00025	4	-0.50	50%	0
106.02	Vitamin A, LC (KU / kg)	970	0.00000	0.00000	0.00000	0.00000	0.00025	4	-0.50	50%	0
106.02	Vitamin A, LC (KU / kg)	2004	0.00000	0.00000	0.00000	0.00000	0.00025	4	-0.50	50%	0
106.02	Vitamin A, LC (KU / kg)	2023	0.30150	0.00100	0.00000	0.00000	0.00025	4	1.50	150%	0
107.00	Vitamin B12, Microbiological (µg / kg (pp	969	0.00000	0.00000			0.00000	2	0.00		0
107.00	Vitamin B12, Microbiological (µg / kg (pp	2004	0.00000	0.00000			0.00000	2	0.00		0
108.01	Vitamin D3, LC, AOAC (KU / kg)	2023	0.00000	0.00000			0.00000	1			
108.99	Vitamin D3, Miscellaneous (KU / kg)	969	0.00000	0.00000			0.00000	3	0.00		0
108.99	Vitamin D3, Miscellaneous (KU / kg)	970	0.00000	0.00000			0.00000	3	0.00		0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	0.00000	0.00000			0.00000	3	0.00		0
109.02	Vitamin E, LC (mg / kg (ppm))	969	0.00000	0.00000	0.00000	0.00000	0.35000	4	-0.50	50%	0
109.02	Vitamin E, LC (mg / kg (ppm))	970	0.00000	0.00000	0.00000	0.00000	0.35000	4	-0.50	50%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2004	0.00000	0.00000	0.00000	0.00000	0.35000	4	-0.50	50%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2023	9.2000	1.4000	0.00000	0.00000	0.35000	4	1.50	150%	0
112.00	Pyridoxine, Vitamin B6 (µg / g)	969	10,750	300.00			700.00	2	-0.71	6%	0
112.00	Pyridoxine, Vitamin B6 (µg / g)	2004	13,450	1,100.0			700.00	2	0.71	6%	0

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113.01	Folic Acid, Micro (mg / kg (ppm))	2004	9.4450	0.69000			0.76000	2	-0.71	1%	0
113.01	Folic Acid, Micro (mg / kg (ppm))	969	9.8850	0.83000			0.76000	2	0.71	1%	0
114.01	Biotin, Microbiological (mg / kg (ppm))	969	0.46000	0.08000			0.04700	2	-0.71	2%	0
114.01	Biotin, Microbiological (mg / kg (ppm))	2004	0.50500	0.01400			0.04700	2	0.71	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	171	2.9350	0.09000	3.1320	0.16745	0.04633	4	-1.18	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	504	3.0950	0.09000	3.1320	0.16745	0.04633	4	-0.22	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	870	3.1581	0.00530	3.1320	0.16745	0.04633	4	0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	227	3.3400	0.00000	3.1320	0.16745	0.04633	4	1.24	3%	0
120.01	Alanine, Pre-col OPA Der (%)	970	3.0700	0.00000	3.1583	0.07974	0.01667	3	-1.11	1%	0
120.01	Alanine, Pre-col OPA Der (%)	2004	3.1800	0.02000	3.1583	0.07974	0.01667	3	0.27	0%	0
120.01	Alanine, Pre-col OPA Der (%)	969	3.2250	0.03000	3.1583	0.07974	0.01667	3	0.84	1%	0
120.02	Alanine, Post-col OPA Der (%)	2023	2.9500	0.04000			0.04000	1			
120.05	Alanine, Pre-col AQC Der (%)	8	3.1020	0.12600			0.12600	1			
121.00	Arginine, Post-col Ninhydrin Der (%)	870	1.9739	0.01290	2.0747	0.06827	0.03573	4	-1.48	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	504	2.1000	0.10000	2.0747	0.06827	0.03573	4	0.37	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	227	2.1000	0.00000	2.0747	0.06827	0.03573	4	0.37	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	171	2.1250	0.03000	2.0747	0.06827	0.03573	4	0.74	1%	0
121.01	Arginine, Pre-col OPA Der (%)	2004	2.2850	0.05000	2.3883	0.13796	0.03667	3	-0.75	2%	0
121.01	Arginine, Pre-col OPA Der (%)	970	2.3350	0.03000	2.3883	0.13796	0.03667	3	-0.39	1%	0
121.01	Arginine, Pre-col OPA Der (%)	969	2.5450	0.03000	2.3883	0.13796	0.03667	3	1.14	3%	0
121.02	Arginine, Post-col OPA Der (%)	2023	2.1850	0.01000			0.01000	1			
121.05	Arginine, Pre-col AQC Der (%)	8	1.9535	0.19300			0.19300	1			
122.00	Aspartic, Post-col Ninhydrin Der (%)	870	4.2346	0.00110	4.3932	0.15773	0.05703	3	-1.01	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	227	4.3950	0.03000	4.3932	0.15773	0.05703	3	0.01	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	171	4.5500	0.14000	4.3932	0.15773	0.05703	3	0.99	2%	0
122.01	Aspartic, Pre-col OPA Der (%)	970	4.0950	0.09000	4.1933	0.10563	0.04000	3	-0.93	1%	0
122.01	Aspartic, Pre-col OPA Der (%)	2004	4.1800	0.00000	4.1933	0.10563	0.04000	3	-0.13	0%	0
122.01	Aspartic, Pre-col OPA Der (%)	969	4.3050	0.03000	4.1933	0.10563	0.04000	3	1.06	1%	0
122.02	Aspartic, Post-col OPA Der (%)	2023	3.9750	0.11000			0.11000	1			
122.05	Aspartic, Pre-col AQC Der (%)	8	4.3635	0.17900			0.17900	1			
124.00	Cysteine/Cystine, PAO Post-col Ninhydr	227	0.44000	0.02000	0.48822	0.04752	0.01670	3	-1.01	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydr	870	0.48965	0.00010	0.48822	0.04752	0.01670	3	0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydr	171	0.53500	0.03000	0.48822	0.04752	0.01670	3	0.98	5%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der	969	0.42500	0.01000	0.45600	0.04384	0.16867	3	-0.59	38%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der	2004	0.48700	0.01600	0.45600	0.04384	0.16867	3	-0.56	36%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der	970	4.3400	0.48000	0.45600	0.04384	0.16867	3	1.15	74%	0
124.02	Cysteine/Cystine, PAO Post-col OPA De	2023	0.62500	0.05000			0.05000	1			
124.99	Cysteine/Cystine, Miscellaneous (%)	8	0.31500	0.03800			0.03800	1			
125.00	Glutamic, Post-col Ninhydrin Der (%)	504	5.1950	0.03000	6.4855	1.5334	0.01683	4	-0.84	10%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	870	5.9721	0.00730	6.4855	1.5334	0.01683	4	-0.33	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	227	6.0650	0.03000	6.4855	1.5334	0.01683	4	-0.27	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	171	8.7100	0.00000	6.4855	1.5334	0.01683	4	1.45	17%	0

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125.01	Glutamic, Pre-col OPA Der (%)	969	5.4800	0.12000	5.5867	0.10275	0.06000	3	-1.04	1%	0
125.01	Glutamic, Pre-col OPA Der (%)	970	5.5950	0.05000	5.5867	0.10275	0.06000	3	0.08	0%	0
125.01	Glutamic, Pre-col OPA Der (%)	2004	5.6850	0.01000	5.5867	0.10275	0.06000	3	0.96	1%	0
125.02	Glutamic, Post-col OPA Der (%)	2023	5.6000	0.14000			0.14000	1			
125.05	Glutamic, Pre-col AQC Der (%)	8	5.8480	0.42200			0.42200	1			
126.00	Glycine, Post-col Ninhydrin Der (%)	171	1.8550	0.07000	1.9581	0.08001	0.03388	4	-1.29	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	504	1.9400	0.04000	1.9581	0.08001	0.03388	4	-0.23	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	870	1.9974	0.00550	1.9581	0.08001	0.03388	4	0.49	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	227	2.0400	0.02000	1.9581	0.08001	0.03388	4	1.02	2%	0
126.01	Glycine, Pre-col OPA Der (%)	969	1.8250	0.05000	1.9433	0.10324	0.06667	3	-1.15	3%	0
126.01	Glycine, Pre-col OPA Der (%)	970	1.9900	0.14000	1.9433	0.10324	0.06667	3	0.45	1%	0
126.01	Glycine, Pre-col OPA Der (%)	2004	2.0150	0.01000	1.9433	0.10324	0.06667	3	0.69	2%	0
126.05	Glycine, Pre-col AQC Der (%)	8	2.0530	0.17000			0.17000	1			
127.00	Histidine, Post-col Ninhydrin Der (%)	171	0.98000	0.02000	1.0116	0.02656	0.01258	4	-1.19	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	504	1.0100	0.02000	1.0116	0.02656	0.01258	4	-0.06	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	870	1.0115	0.00030	1.0116	0.02656	0.01258	4	-0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	227	1.0450	0.01000	1.0116	0.02656	0.01258	4	1.26	2%	0
127.01	Histidine, Pre-col OPA Der (%)	2004	0.92900	0.02800	0.97517	0.04335	0.02167	3	-1.07	2%	0
127.01	Histidine, Pre-col OPA Der (%)	970	0.98150	0.02700	0.97517	0.04335	0.02167	3	0.15	0%	0
127.01	Histidine, Pre-col OPA Der (%)	969	1.0150	0.01000	0.97517	0.04335	0.02167	3	0.92	2%	0
127.02	Histidine, Post-col OPA Der (%)	2023	1.0150	0.01000			0.01000	1			
127.05	Histidine, Pre-col AQC Der (%)	8	1.0075	0.11900			0.11900	1			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	171	1.9050	0.03000	2.0772	0.11787	0.04660	4	-1.46	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	504	2.1050	0.09000	2.0772	0.11787	0.04660	4	0.24	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	870	2.1286	0.02640	2.0772	0.11787	0.04660	4	0.44	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	227	2.1700	0.04000	2.0772	0.11787	0.04660	4	0.79	2%	0
128.01	Isoleucine, Pre-col OPA Der (%)	2004	2.1250	0.01000	2.1800	0.05766	0.06000	3	-0.95	1%	0
128.01	Isoleucine, Pre-col OPA Der (%)	970	2.1750	0.15000	2.1800	0.05766	0.06000	3	-0.09	0%	0
128.01	Isoleucine, Pre-col OPA Der (%)	969	2.2400	0.02000	2.1800	0.05766	0.06000	3	1.04	1%	0
128.02	Isoleucine, Post-col OPA Der (%)	2023	1.9950	0.05000			0.05000	1			
128.05	Isoleucine, Pre-col AQC Der (%)	8	1.7140	0.12000			0.12000	1			
129.00	Leucine, Post-col Ninhydrin Der (%)	870	3.5646	0.00150	3.6749	0.07989	0.01788	4	-1.38	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	504	3.6700	0.02000	3.6749	0.07989	0.01788	4	-0.06	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	171	3.7200	0.02000	3.6749	0.07989	0.01788	4	0.56	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	227	3.7450	0.03000	3.6749	0.07989	0.01788	4	0.88	1%	0
129.01	Leucine, Pre-col OPA Der (%)	970	3.5650	0.09000	3.6200	0.05074	0.04000	3	-1.08	1%	0
129.01	Leucine, Pre-col OPA Der (%)	2004	3.6300	0.02000	3.6200	0.05074	0.04000	3	0.20	0%	0
129.01	Leucine, Pre-col OPA Der (%)	969	3.6650	0.01000	3.6200	0.05074	0.04000	3	0.89	1%	0
129.02	Leucine, Post-col OPA Der (%)	2023	3.5100	0.04000			0.04000	1			
129.05	Leucine, Pre-col AQC Der (%)	8	3.5360	0.23400			0.23400	1			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	512	2.8980	0.00000	3.0790	0.10713	0.08982	5	-1.69	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	171	3.0650	0.11000	3.0790	0.10713	0.08982	5	-0.13	0%	0

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130.00	L-Lysine, Post-col Ninhydrin Der (%)	227	3.1350	0.15000	3.0790	0.10713	0.08982	5	0.52	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	504	3.1400	0.18000	3.0790	0.10713	0.08982	5	0.57	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	870	3.1571	0.00910	3.0790	0.10713	0.08982	5	0.73	1%	0
130.01	L-Lysine, Pre-col OPA Der (%)	969	2.6250	0.05000	2.9250	0.38565	0.06333	3	-0.78	5%	0
130.01	L-Lysine, Pre-col OPA Der (%)	2004	2.7900	0.04000	2.9250	0.38565	0.06333	3	-0.35	2%	0
130.01	L-Lysine, Pre-col OPA Der (%)	970	3.3600	0.10000	2.9250	0.38565	0.06333	3	1.13	7%	0
130.02	L-Lysine, Post-col OPA Der (%)	2023	3.3050	0.03000			0.03000	1			
130.05	L-Lysine, Pre-col AQC Der (%)	8	2.9025	0.01300			0.12200	2	-0.71	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	27	3.2315	0.23100			0.12200	2	0.71	3%	0
130.99	L-Lysine, Miscellaneous (%)	208	2.9600	0.10000			0.10000	1			
131.00	Methionine, PAO Post-col Ninhydrin Der	171	0.76000	0.08000	0.78852	0.04513	0.03870	3	-0.63	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der	227	0.76500	0.01000	0.78852	0.04513	0.03870	3	-0.52	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der	870	0.84055	0.02610	0.78852	0.04513	0.03870	3	1.15	3%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	970	0.72850	0.02500	0.76633	0.03418	0.02467	3	-1.11	2%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	2004	0.77550	0.03900	0.76633	0.03418	0.02467	3	0.27	1%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	969	0.79500	0.01000	0.76633	0.03418	0.02467	3	0.84	2%	0
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.75000	0.00000			0.00000	1			
131.99	Methionine, Miscellaneous (%)	8	0.71300	0.05600			0.05600	1			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	171	1.9500	0.10000	1.9571	0.00622	0.04073	3	-1.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	227	1.9600	0.02000	1.9571	0.00622	0.04073	3	0.46	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	870	1.9614	0.00220	1.9571	0.00622	0.04073	3	0.69	0%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	970	1.9000	0.06000	1.9667	0.07974	0.03333	3	-0.84	2%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	2004	1.9450	0.01000	1.9667	0.07974	0.03333	3	-0.27	1%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	969	2.0550	0.03000	1.9667	0.07974	0.03333	3	1.11	2%	0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	1.9100	0.02000			0.02000	1			
132.05	Phenylalanine, Pre-col AQC Der (%)	8	1.8295	0.15900			0.15900	1			
133.00	Proline, Post-col Ninhydrin Der (%)	504	1.9450	0.05000	2.0198	0.08588	0.03663	4	-0.87	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	870	1.9742	0.01650	2.0198	0.08588	0.03663	4	-0.53	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	227	2.0200	0.04000	2.0198	0.08588	0.03663	4	0.00	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	171	2.1400	0.04000	2.0198	0.08588	0.03663	4	1.40	3%	0
133.04	Proline, Pre-col FMOC Der (%)	2004	1.9250	0.05000			0.05000	1			
133.05	Proline, Pre-col AQC Der (%)	8	2.0540	0.11600			0.11600	1			
133.99	Proline, Miscellaneous (%)	2023	1.8500	0.04000	1.9700	0.10817	0.02667	3	-1.11	3%	0
133.99	Proline, Miscellaneous (%)	969	2.0000	0.02000	1.9700	0.10817	0.02667	3	0.28	1%	0
133.99	Proline, Miscellaneous (%)	970	2.0600	0.02000	1.9700	0.10817	0.02667	3	0.83	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	504	2.0200	0.12000	2.1689	0.10679	0.05350	4	-1.39	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	870	2.1656	0.01400	2.1689	0.10679	0.05350	4	-0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	227	2.2300	0.02000	2.1689	0.10679	0.05350	4	0.57	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	171	2.2600	0.06000	2.1689	0.10679	0.05350	4	0.85	2%	0
134.01	Serine, Pre-col OPA Der (%)	2004	2.0950	0.01000	2.1100	0.01803	0.02000	3	-0.83	0%	0
134.01	Serine, Pre-col OPA Der (%)	970	2.1050	0.03000	2.1100	0.01803	0.02000	3	-0.28	0%	0
134.01	Serine, Pre-col OPA Der (%)	969	2.1300	0.02000	2.1100	0.01803	0.02000	3	1.11	0%	0

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134.02	Serine, Post-col OPA Der (%)	2023	2.0350	0.03000			0.03000	1			
134.05	Serine, Pre-col AQC Der (%)	8	2.3155	0.12900			0.12900	1			
135.00	Threonine, Post-col Ninhydrin Der (%)	171	2.0300	0.04000	2.1353	0.09276	0.02077	3	-1.13	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	870	2.1709	0.01230	2.1353	0.09276	0.02077	3	0.38	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	227	2.2050	0.01000	2.1353	0.09276	0.02077	3	0.75	2%	0
135.01	Threonine, Pre-col OPA Der (%)	970	2.0800	0.08000	2.1475	0.08132	0.03000	3	-0.65	1%	0
135.01	Threonine, Pre-col OPA Der (%)	2004	2.0900	0.00000	2.1475	0.08132	0.03000	3	-0.50	1%	0
135.01	Threonine, Pre-col OPA Der (%)	969	2.2050	0.01000	2.1475	0.08132	0.03000	3	1.15	2%	0
135.02	Threonine, Post-col OPA Der (%)	2023	1.9900	0.04000			0.04000	1			
135.05	Threonine, Pre-col AQC Der (%)	8	2.2045	0.14700			0.14700	1			
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyc	870	0.46685	0.00390			0.00195	2	-0.71	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyc	227	0.53000	0.00000			0.00195	2	0.71	3%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC	8	0.43100	0.02200			0.02200	1			
136.02	Tryptophan, Alka-Hydrol Post-col OPA D	2023	0.52000	0.00000			0.00000	1			
136.99	Tryptophan, Miscellaneous (%)	504	0.40000	0.02000	0.54350	0.00740	0.01725	4	-1.49	11%	0
136.99	Tryptophan, Miscellaneous (%)	969	0.53500	0.03000	0.54350	0.00740	0.01725	4	0.38	3%	0
136.99	Tryptophan, Miscellaneous (%)	2004	0.54700	0.01800	0.54350	0.00740	0.01725	4	0.55	4%	0
136.99	Tryptophan, Miscellaneous (%)	970	0.54850	0.00100	0.54350	0.00740	0.01725	4	0.57	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	870	1.1448	0.06260	1.3616	0.18882	0.04087	3	-1.15	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	227	1.4500	0.02000	1.3616	0.18882	0.04087	3	0.47	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	171	1.4900	0.04000	1.3616	0.18882	0.04087	3	0.68	5%	0
137.01	Tyrosine, Pre-col OPA Der (%)	970	1.6400	0.06000	1.7033	0.06506	0.02667	3	-0.97	2%	0
137.01	Tyrosine, Pre-col OPA Der (%)	2004	1.7000	0.00000	1.7033	0.06506	0.02667	3	-0.05	0%	0
137.01	Tyrosine, Pre-col OPA Der (%)	969	1.7700	0.02000	1.7033	0.06506	0.02667	3	1.02	2%	0
137.02	Tyrosine, Post-col OPA Der (%)	2023	1.6050	0.01000			0.01000	1			
137.05	Tyrosine, Pre-col AQC Der (%)	8	1.3820	0.15400			0.15400	1			
138.00	Valine, Post-col Ninhydrin Der (%)	171	2.2450	0.07000	2.4642	0.19426	0.03403	3	-1.13	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	870	2.5327	0.02210	2.4642	0.19426	0.03403	3	0.35	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	227	2.6150	0.01000	2.4642	0.19426	0.03403	3	0.78	3%	0
138.01	Valine, Pre-col OPA Der (%)	2004	2.4200	0.02000	2.5250	0.00707	0.00667	3	-1.15	1%	0
138.01	Valine, Pre-col OPA Der (%)	969	2.5200	0.00000	2.5250	0.00707	0.00667	3	0.49	1%	0
138.01	Valine, Pre-col OPA Der (%)	970	2.5300	0.00000	2.5250	0.00707	0.00667	3	0.66	1%	0
138.02	Valine, Post-col OPA Der (%)	2023	2.1800	0.06000			0.06000	1			
138.05	Valine, Pre-col AQC Der (%)	8	2.0650	0.12200			0.12200	1			
139.00	Taurine, Post-col Ninhydrin Der (%)	171	0.01000	0.00000	0.10567	0.08328	0.00667	3	-1.15	45%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	969	0.14500	0.01000	0.10567	0.08328	0.00667	3	0.47	19%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	970	0.16200	0.01000	0.10567	0.08328	0.00667	3	0.68	27%	0
139.01	Taurine, Pre-col OPA Der (%)	2004	0.13850	0.00100			0.00100	1			
139.05	Taurine, Pre-col AQC Der (%)	8	0.00000	0.00000			0.00000	1			
160.99	Fructose, Miscellaneous (%)	969	0.00000	0.00000			0.00000	3	0.00		0
160.99	Fructose, Miscellaneous (%)	970	0.00000	0.00000			0.00000	3	0.00		0
160.99	Fructose, Miscellaneous (%)	2004	0.00000	0.00000			0.00000	3	0.00		0

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161.99	Galactose, Miscellaneous (%)	969	0.00000	0.00000			0.00000	3	0.00	0	
161.99	Galactose, Miscellaneous (%)	970	0.00000	0.00000			0.00000	3	0.00	0	
161.99	Galactose, Miscellaneous (%)	2004	0.00000	0.00000			0.00000	3	0.00	0	
162.99	Glucose, Miscellaneous (%)	969	0.00000	0.00000	0.00000	0.00000	0.00003	3	-0.58	50%	0
162.99	Glucose, Miscellaneous (%)	970	0.00000	0.00000	0.00000	0.00000	0.00003	3	-0.58	50%	0
162.99	Glucose, Miscellaneous (%)	2004	0.00865	0.00010	0.00000	0.00000	0.00003	3	1.15	100%	0
163.99	Lactose, Miscellaneous (%)	969	0.00000	0.00000	0.00000	0.00000	0.00750	4	-0.50	50%	0
163.99	Lactose, Miscellaneous (%)	970	0.00000	0.00000	0.00000	0.00000	0.00750	4	-0.50	50%	0
163.99	Lactose, Miscellaneous (%)	2004	0.00000	0.00000	0.00000	0.00000	0.00750	4	-0.50	50%	0
163.99	Lactose, Miscellaneous (%)	227	0.44500	0.03000	0.00000	0.00000	0.00750	4	1.50	150%	0
164.99	Maltose, Miscellaneous (%)	969	0.00000	0.00000	0.00000	0.00000	0.00483	3	-0.58	50%	0
164.99	Maltose, Miscellaneous (%)	970	0.00000	0.00000	0.00000	0.00000	0.00483	3	-0.58	50%	0
164.99	Maltose, Miscellaneous (%)	2004	0.00725	0.01450	0.00000	0.00000	0.00483	3	1.15	100%	0
165.99	Sucrose, Miscellaneous (%)	969	0.00000	0.00000			0.00000	3	0.00	0	
165.99	Sucrose, Miscellaneous (%)	970	0.00000	0.00000			0.00000	3	0.00	0	
165.99	Sucrose, Miscellaneous (%)	2004	0.00000	0.00000			0.00000	3	0.00	0	
400.01	Water activity, Aqualab chilled mirror (Ur	8	0.25350	0.04500			0.04500	1			
400.99	Water activity, Miscellaneous (Units)	2083	0.25050	0.00000			0.00000	1			
516.00	Arsenic, total, AA, Hydride (mg / kg (ppr	171	0.03750	0.00300			0.00300	1			
516.42	Arsenic, total, ICP, Open vessel (mg / kç	555	0.00000	0.00000			0.00000	1			
516.52	Arsenic, total, ICP-MS, Open vessel (mg	555	0.37500	0.07000			0.07000	1			
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	171	0.02000	0.00000			0.00000	1			
518.42	Cadmium, ICP, Open vessel (mg / kg (p	555	0.00000	0.00000			0.00000	1			
518.43	Cadmium, ICP, Microwave (mg / kg (ppn	964	0.01770	0.00520			0.00520	1			
518.52	Cadmium, ICP-MS, Open vessel (mg / k	555	0.00000	0.00000			0.00000	1			
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	171	0.60000	0.00000			0.00000	1			
520.43	Chromium, ICP, Microwave (mg / kg (pp	510	0.32500	0.03000			0.03460	2	-0.71	12%	0
520.43	Chromium, ICP, Microwave (mg / kg (pp	964	0.54160	0.03920			0.03460	2	0.71	12%	0
520.52	Chromium, ICP-MS, Open vessel (mg / t	555	0.60000	0.22000			0.22000	1			
520.53	Chromium, ICP-MS, Microwave (mg / kg	2023	0.37500	0.09000			0.09000	1			
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	171	0.00000	0.00000			0.00000	1			
526.43	Lead, ICP, Microwave (mg / kg (ppm))	964	0.12425	0.01450			0.01450	1			
526.52	Lead, ICP-MS, Open vessel (mg / kg (pp	555	0.00000	0.00000			0.00000	1			
529.99	Mercury, Miscellaneous (µg / kg (ppb))	171	0.00000	0.00000			0.00000	2	0.00	0	
529.99	Mercury, Miscellaneous (µg / kg (ppb))	555	0.00000	0.00000			0.00000	2	0.00	0	
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	964	0.92645	0.06250			0.06250	1			
539.52	Nickel, ICP-MS, Open vessel (mg / kg (p	555	1.7000	1.4000			1.4000	1			
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppi	2023	0.80000	0.00000			0.00000	1			
710.99	Lauric Acid (12:0), Miscellaneous (% (w	8	0.00150	0.00300							
718.99	Palmitoleic Acid (9c-16:1), Miscellaneou:	8	0.04000	0.00000							
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneou	8	4.4950	0.03000							
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), l	8	0.33500	0.01000							

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736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), μ	8	0.00000	0.00000							
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c-20:5), μ	8	0.00000	0.00000							
746.99	Docosapentaenoic Acid n-3 DPA (DHA), μ	8	0.00000	0.00000							
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c-22:6), μ	8	0.00000	0.00000							
754.99	Total n-3 Polyunsaturated (Omega-3) F&e	8	0.33500	0.01000							
756.99	Total n-6 Polyunsaturated (Omega-6) F&e	8	4.4950	0.03000							

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 and 8 = Analyst data exempt. Robust statistics not used if < 6 labs reporting, in this case the Z Scores are included for information only (Grey, No Action!). Flag 9 indicates no statistics calculated for this dataset. To review the problem please see all submitted data for this test.