

**AAFCO Check Sample Program**  
**All Labs and All Methods Report**  
**Sort by Method**  
**Proficiency For Individual Methods**  
**Sample # 201423**  
**Chicken Starter, Medicated**



**AAFCO**  
**CHECK SAMPLE PROGRAM**

Robust statistics not used if < 6 labs reporting, in this case the Z Scores are included for information only (Grey).

Issue Date : 04/30/2014

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.30000	0.00000			0.00000	1			
000.99	Urea, Miscellaneous (%)	0920	0.00000	0.00000			0.00000	1			
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.3400	0.24000	9.9660	0.45718	0.09200	5	-1.37	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.7450	0.15000	9.9660	0.45718	0.09200	5	-0.48	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0345	9.9900	0.02000	9.9660	0.45718	0.09200	5	0.05	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	10.210	0.04000	9.9660	0.45718	0.09200	5	0.53	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2068	10.545	0.01000	9.9660	0.45718	0.09200	5	1.27	3%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	9.6400	0.08000	9.9329	0.14803	0.02128	12	-1.98	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	9.8000	0.00000	9.9329	0.14803	0.02128	12	-0.90	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2063	9.8350	0.01000	9.9329	0.14803	0.02128	12	-0.66	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2042	9.8550	0.01000	9.9329	0.14803	0.02128	12	-0.53	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.8600	0.02000	9.9329	0.14803	0.02128	12	-0.49	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0891	9.9031	0.00540	9.9329	0.14803	0.02128	12	-0.20	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	9.9200	0.02000	9.9329	0.14803	0.02128	12	-0.09	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	9.9650	0.01000	9.9329	0.14803	0.02128	12	0.22	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	10.050	0.02000	9.9329	0.14803	0.02128	12	0.79	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	10.070	0.00000	9.9329	0.14803	0.02128	12	0.93	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	10.105	0.01000	9.9329	0.14803	0.02128	12	1.16	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	10.145	0.07000	9.9329	0.14803	0.02128	12	1.43	1%	0
001.05	Loss on Drying, LECO (%)	0610	9.7800	0.02000			0.02000	1			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	8.6450	0.15000	9.7878	0.32396	0.08615	32	-3.53	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	8.8500	0.10000	9.7878	0.32396	0.08615	32	-2.89	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	9.3050	0.13000	9.7878	0.32396	0.08615	32	-1.49	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.4150	0.19000	9.7878	0.32396	0.08615	32	-1.15	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	9.4500	0.06000	9.7878	0.32396	0.08615	32	-1.04	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	9.5100	0.02000	9.7878	0.32396	0.08615	32	-0.86	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.5350	0.07000	9.7878	0.32396	0.08615	32	-0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.5600	0.00000	9.7878	0.32396	0.08615	32	-0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	9.6300	0.06000	9.7878	0.32396	0.08615	32	-0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0913	9.6300	0.08000	9.7878	0.32396	0.08615	32	-0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0065	9.6634	0.05670	9.7878	0.32396	0.08615	32	-0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.6700	0.16000	9.7878	0.32396	0.08615	32	-0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	9.6750	0.17000	9.7878	0.32396	0.08615	32	-0.35	1%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.6900	0.00000	9.7878	0.32396	0.08615	32	-0.30	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.7150	0.03000	9.7878	0.32396	0.08615	32	-0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	9.7500	0.10000	9.7878	0.32396	0.08615	32	-0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.7950	0.15000	9.7878	0.32396	0.08615	32	0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.8200	0.10000	9.7878	0.32396	0.08615	32	0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.8450	0.01000	9.7878	0.32396	0.08615	32	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.8550	0.01000	9.7878	0.32396	0.08615	32	0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	9.9000	0.00000	9.7878	0.32396	0.08615	32	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	9.9450	0.05000	9.7878	0.32396	0.08615	32	0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.9900	0.18000	9.7878	0.32396	0.08615	32	0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	10.000	0.00000	9.7878	0.32396	0.08615	32	0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	10.035	0.01000	9.7878	0.32396	0.08615	32	0.76	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	10.075	0.11000	9.7878	0.32396	0.08615	32	0.89	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	10.130	0.02000	9.7878	0.32396	0.08615	32	1.06	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	10.130	0.00000	9.7878	0.32396	0.08615	32	1.06	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	10.165	0.15000	9.7878	0.32396	0.08615	32	1.16	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	10.200	0.00000	9.7878	0.32396	0.08615	32	1.27	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0178	10.255	0.09000	9.7878	0.32396	0.08615	32	1.44	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	10.450	0.50000	9.7878	0.32396	0.08615	32	2.04	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.9400	0.98000	9.7878	0.32396	0.08615	32	-2.62	4%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	9.8500	0.10000	9.9517	0.08808	0.06333	3	-1.15	1%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	10.000	0.00000	9.9517	0.08808	0.06333	3	0.55	0%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0337	10.005	0.09000	9.9517	0.08808	0.06333	3	0.61	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.8750	0.23000	9.5967	0.50773	0.16400	15	-3.39	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	8.9500	0.48000	9.5967	0.50773	0.16400	15	-1.27	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	9.0700	0.08000	9.5967	0.50773	0.16400	15	-1.04	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.1850	0.07000	9.5967	0.50773	0.16400	15	-0.81	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2058	9.2650	0.25000	9.5967	0.50773	0.16400	15	-0.65	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	9.3400	0.32000	9.5967	0.50773	0.16400	15	-0.51	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	9.6550	0.01000	9.5967	0.50773	0.16400	15	0.11	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.6850	0.15000	9.5967	0.50773	0.16400	15	0.17	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.7000	0.00000	9.5967	0.50773	0.16400	15	0.20	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	9.8500	0.24000	9.5967	0.50773	0.16400	15	0.50	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	9.9300	0.28000	9.5967	0.50773	0.16400	15	0.66	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	9.9800	0.02000	9.5967	0.50773	0.16400	15	0.75	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	10.020	0.02000	9.5967	0.50773	0.16400	15	0.83	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	10.045	0.21000	9.5967	0.50773	0.16400	15	0.88	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2052	10.650	0.10000	9.5967	0.50773	0.16400	15	2.07	5%	0
002.00	Protein, Crude (%)	0581	16.390	0.26000	17.443	0.90068	0.14600	5	-1.17	3%	0
002.00	Protein, Crude (%)	0106	17.225	0.01000	17.443	0.90068	0.14600	5	-0.24	1%	0
002.00	Protein, Crude (%)	0939	17.290	0.06000	17.443	0.90068	0.14600	5	-0.17	0%	0
002.00	Protein, Crude (%)	0300	17.430	0.22000	17.443	0.90068	0.14600	5	-0.01	0%	0

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002.00	Protein, Crude (%)	0845	18.880	0.18000	17.443	0.90068	0.14600	5	1.60	4%	0
002.01	Protein, Auto Kjell-Foss (%)	0199	16.795	0.09000	17.176	0.27074	0.06141	17	-1.41	1%	0
002.01	Protein, Auto Kjell-Foss (%)	2052	16.800	0.00000	17.176	0.27074	0.06141	17	-1.39	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0043	16.905	0.03000	17.176	0.27074	0.06141	17	-1.00	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0848	16.925	0.05000	17.176	0.27074	0.06141	17	-0.93	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0033	17.045	0.11000	17.176	0.27074	0.06141	17	-0.48	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0968	17.120	0.17100	17.176	0.27074	0.06141	17	-0.21	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0881	17.122	0.04300	17.176	0.27074	0.06141	17	-0.20	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0098	17.150	0.06000	17.176	0.27074	0.06141	17	-0.10	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0652	17.150	0.10000	17.176	0.27074	0.06141	17	-0.10	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0723	17.180	0.00000	17.176	0.27074	0.06141	17	0.02	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0653	17.210	0.06000	17.176	0.27074	0.06141	17	0.13	0%	0
002.01	Protein, Auto Kjell-Foss (%)	2068	17.290	0.02000	17.176	0.27074	0.06141	17	0.42	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0610	17.325	0.15000	17.176	0.27074	0.06141	17	0.55	0%	0
002.01	Protein, Auto Kjell-Foss (%)	2023	17.355	0.03000	17.176	0.27074	0.06141	17	0.66	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0152	17.650	0.10000	17.176	0.27074	0.06141	17	1.75	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0685	18.235	0.01000	17.176	0.27074	0.06141	17	3.91	3%	0
002.01	Protein, Auto Kjell-Foss (%)	0889	18.580	0.02000	17.176	0.27074	0.06141	17	5.19	4%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	17.255	0.07000	34.151	33.550	0.33893	4	-0.50	25%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	17.295	0.17570	34.151	33.550	0.33893	4	-0.50	25%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0939	17.580	0.10000	34.151	33.550	0.33893	4	-0.49	24%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0169	84.475	1.0100	34.151	33.550	0.33893	4	1.50	74%	0
002.04	Protein, Copper Catalyst (%)	0405	17.840	0.16000			0.16000	1			
002.05	Protein, Copper, Boric Acid (%)	0852	16.725	0.17000	17.215	0.17344	0.08117	35	-2.82	1%	0
002.05	Protein, Copper, Boric Acid (%)	2062	16.955	0.09000	17.215	0.17344	0.08117	35	-1.50	1%	0
002.05	Protein, Copper, Boric Acid (%)	0596	16.975	0.19000	17.215	0.17344	0.08117	35	-1.38	1%	0
002.05	Protein, Copper, Boric Acid (%)	0683	16.995	0.05000	17.215	0.17344	0.08117	35	-1.27	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	17.000	0.20000	17.215	0.17344	0.08117	35	-1.24	1%	0
002.05	Protein, Copper, Boric Acid (%)	2042	17.000	0.00000	17.215	0.17344	0.08117	35	-1.24	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	17.065	0.07000	17.215	0.17344	0.08117	35	-0.86	0%	0
002.05	Protein, Copper, Boric Acid (%)	0651	17.067	0.04600	17.215	0.17344	0.08117	35	-0.85	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	17.075	0.15000	17.215	0.17344	0.08117	35	-0.81	0%	0
002.05	Protein, Copper, Boric Acid (%)	0891	17.100	0.00150	17.215	0.17344	0.08117	35	-0.66	0%	0
002.05	Protein, Copper, Boric Acid (%)	0194	17.115	0.03000	17.215	0.17344	0.08117	35	-0.58	0%	0
002.05	Protein, Copper, Boric Acid (%)	0620	17.146	0.10340	17.215	0.17344	0.08117	35	-0.40	0%	0
002.05	Protein, Copper, Boric Acid (%)	0878	17.150	0.04000	17.215	0.17344	0.08117	35	-0.37	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	17.150	0.10000	17.215	0.17344	0.08117	35	-0.37	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	17.165	0.03000	17.215	0.17344	0.08117	35	-0.29	0%	0
002.05	Protein, Copper, Boric Acid (%)	0658	17.176	0.08010	17.215	0.17344	0.08117	35	-0.22	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	17.215	0.01000	17.215	0.17344	0.08117	35	0.00	0%	0
002.05	Protein, Copper, Boric Acid (%)	2063	17.230	0.02000	17.215	0.17344	0.08117	35	0.09	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	17.250	0.00000	17.215	0.17344	0.08117	35	0.20	0%	0

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002.05	Protein, Copper, Boric Acid (%)	0948	17.270	0.06000	17.215	0.17344	0.08117	35	0.32	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	17.300	0.00000	17.215	0.17344	0.08117	35	0.49	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	17.320	0.06000	17.215	0.17344	0.08117	35	0.61	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	17.320	0.32000	17.215	0.17344	0.08117	35	0.61	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	17.325	0.01000	17.215	0.17344	0.08117	35	0.64	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	17.330	0.16000	17.215	0.17344	0.08117	35	0.66	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	17.335	0.31000	17.215	0.17344	0.08117	35	0.69	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	17.345	0.01000	17.215	0.17344	0.08117	35	0.75	0%	0
002.05	Protein, Copper, Boric Acid (%)	0955	17.350	0.10000	17.215	0.17344	0.08117	35	0.78	0%	0
002.05	Protein, Copper, Boric Acid (%)	2065	17.350	0.02000	17.215	0.17344	0.08117	35	0.78	0%	0
002.05	Protein, Copper, Boric Acid (%)	0622	17.386	0.21600	17.215	0.17344	0.08117	35	0.99	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	17.390	0.08000	17.215	0.17344	0.08117	35	1.01	1%	0
002.05	Protein, Copper, Boric Acid (%)	0893	17.395	0.01000	17.215	0.17344	0.08117	35	1.04	1%	0
002.05	Protein, Copper, Boric Acid (%)	0015	17.400	0.04000	17.215	0.17344	0.08117	35	1.07	1%	0
002.05	Protein, Copper, Boric Acid (%)	2067	17.426	0.05400	17.215	0.17344	0.08117	35	1.22	1%	0
002.05	Protein, Copper, Boric Acid (%)	0536	18.245	0.01000	17.215	0.17344	0.08117	35	5.94	3%	0
002.05	Protein, Copper, Boric Acid (%)	0921	17.105	0.47000	17.215	0.17344	0.08117	35	-0.63	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	15.975	0.13000	17.396	0.21961	0.13403	125	-6.47	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	16.120	0.06000	17.396	0.21961	0.13403	125	-5.81	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	16.840	0.02000	17.396	0.21961	0.13403	125	-2.53	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	16.950	0.10000	17.396	0.21961	0.13403	125	-2.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	16.965	0.05000	17.396	0.21961	0.13403	125	-1.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	17.010	0.10000	17.396	0.21961	0.13403	125	-1.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0960	17.025	0.19000	17.396	0.21961	0.13403	125	-1.69	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	17.029	0.25800	17.396	0.21961	0.13403	125	-1.67	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	17.030	0.06000	17.396	0.21961	0.13403	125	-1.67	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	17.050	0.10000	17.396	0.21961	0.13403	125	-1.58	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	17.070	0.22000	17.396	0.21961	0.13403	125	-1.48	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	17.085	0.07000	17.396	0.21961	0.13403	125	-1.42	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	17.095	0.09000	17.396	0.21961	0.13403	125	-1.37	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	17.100	0.16000	17.396	0.21961	0.13403	125	-1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0337	17.130	0.40000	17.396	0.21961	0.13403	125	-1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0913	17.140	0.12000	17.396	0.21961	0.13403	125	-1.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	17.140	0.52000	17.396	0.21961	0.13403	125	-1.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	17.165	0.05000	17.396	0.21961	0.13403	125	-1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	17.170	0.10000	17.396	0.21961	0.13403	125	-1.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2058	17.185	0.11000	17.396	0.21961	0.13403	125	-0.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	17.198	0.10900	17.396	0.21961	0.13403	125	-0.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	17.200	0.00000	17.396	0.21961	0.13403	125	-0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	17.200	0.60000	17.396	0.21961	0.13403	125	-0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	17.200	0.02000	17.396	0.21961	0.13403	125	-0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	17.203	0.02400	17.396	0.21961	0.13403	125	-0.88	1%	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	Rob SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0674	17.240	0.00000	17.396	0.21961	0.13403	125	-0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	17.240	0.02000	17.396	0.21961	0.13403	125	-0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	17.245	0.15000	17.396	0.21961	0.13403	125	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	17.250	0.12000	17.396	0.21961	0.13403	125	-0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	17.250	0.10000	17.396	0.21961	0.13403	125	-0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0051	17.250	0.10000	17.396	0.21961	0.13403	125	-0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	17.250	0.10000	17.396	0.21961	0.13403	125	-0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	17.250	0.10000	17.396	0.21961	0.13403	125	-0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	17.265	0.17000	17.396	0.21961	0.13403	125	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	17.270	0.14000	17.396	0.21961	0.13403	125	-0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0199	17.270	0.24000	17.396	0.21961	0.13403	125	-0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	17.270	0.32000	17.396	0.21961	0.13403	125	-0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	17.275	0.08120	17.396	0.21961	0.13403	125	-0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	17.280	0.04000	17.396	0.21961	0.13403	125	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	17.280	0.40000	17.396	0.21961	0.13403	125	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	17.282	0.00700	17.396	0.21961	0.13403	125	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	17.290	0.18000	17.396	0.21961	0.13403	125	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	17.295	0.01000	17.396	0.21961	0.13403	125	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	17.300	0.20000	17.396	0.21961	0.13403	125	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	17.300	0.00000	17.396	0.21961	0.13403	125	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	17.300	0.00000	17.396	0.21961	0.13403	125	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	17.300	0.00000	17.396	0.21961	0.13403	125	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	17.300	0.40000	17.396	0.21961	0.13403	125	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	17.303	0.02900	17.396	0.21961	0.13403	125	-0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	17.305	0.01000	17.396	0.21961	0.13403	125	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	17.315	0.01000	17.396	0.21961	0.13403	125	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0008	17.335	0.01000	17.396	0.21961	0.13403	125	-0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	17.345	0.01000	17.396	0.21961	0.13403	125	-0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	17.350	0.00000	17.396	0.21961	0.13403	125	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	17.360	0.11470	17.396	0.21961	0.13403	125	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	17.365	0.11000	17.396	0.21961	0.13403	125	-0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	17.375	0.28100	17.396	0.21961	0.13403	125	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	17.375	0.13000	17.396	0.21961	0.13403	125	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2066	17.380	0.00000	17.396	0.21961	0.13403	125	-0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	17.390	0.16000	17.396	0.21961	0.13403	125	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0958	17.395	0.01000	17.396	0.21961	0.13403	125	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0065	17.399	0.03480	17.396	0.21961	0.13403	125	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	17.400	0.12000	17.396	0.21961	0.13403	125	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	17.400	0.40000	17.396	0.21961	0.13403	125	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0013	17.405	0.19000	17.396	0.21961	0.13403	125	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	17.405	0.07000	17.396	0.21961	0.13403	125	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	17.410	0.08000	17.396	0.21961	0.13403	125	0.06	0%	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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002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	17.415	0.27000	17.396	0.21961	0.13403	125	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	17.425	0.05000	17.396	0.21961	0.13403	125	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2016	17.425	0.01000	17.396	0.21961	0.13403	125	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	17.435	0.37000	17.396	0.21961	0.13403	125	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	17.440	0.02000	17.396	0.21961	0.13403	125	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	17.440	0.04000	17.396	0.21961	0.13403	125	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	17.445	0.27000	17.396	0.21961	0.13403	125	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0921	17.445	0.45000	17.396	0.21961	0.13403	125	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	17.450	0.10000	17.396	0.21961	0.13403	125	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	17.450	0.10000	17.396	0.21961	0.13403	125	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	17.459	0.18800	17.396	0.21961	0.13403	125	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	17.460	0.04000	17.396	0.21961	0.13403	125	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	17.465	0.03000	17.396	0.21961	0.13403	125	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	17.470	0.04000	17.396	0.21961	0.13403	125	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	17.475	0.19000	17.396	0.21961	0.13403	125	0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	17.490	0.08000	17.396	0.21961	0.13403	125	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	17.495	0.03000	17.396	0.21961	0.13403	125	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	17.500	0.20000	17.396	0.21961	0.13403	125	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	17.500	0.00000	17.396	0.21961	0.13403	125	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	17.500	0.00000	17.396	0.21961	0.13403	125	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	17.510	0.02000	17.396	0.21961	0.13403	125	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	17.510	0.08000	17.396	0.21961	0.13403	125	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2003	17.525	0.07000	17.396	0.21961	0.13403	125	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	17.530	0.04000	17.396	0.21961	0.13403	125	0.61	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0660	17.530	0.04000	17.396	0.21961	0.13403	125	0.61	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	17.535	0.05000	17.396	0.21961	0.13403	125	0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	17.535	0.03000	17.396	0.21961	0.13403	125	0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	17.540	0.08000	17.396	0.21961	0.13403	125	0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	17.541	0.12500	17.396	0.21961	0.13403	125	0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0160	17.550	0.56000	17.396	0.21961	0.13403	125	0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	17.558	0.23500	17.396	0.21961	0.13403	125	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	17.560	0.06000	17.396	0.21961	0.13403	125	0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	17.560	0.26000	17.396	0.21961	0.13403	125	0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	17.565	0.03000	17.396	0.21961	0.13403	125	0.77	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	17.570	0.04000	17.396	0.21961	0.13403	125	0.79	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	17.575	0.25000	17.396	0.21961	0.13403	125	0.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	17.585	0.37000	17.396	0.21961	0.13403	125	0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	17.615	0.15000	17.396	0.21961	0.13403	125	1.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0178	17.625	0.13000	17.396	0.21961	0.13403	125	1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	17.640	0.10000	17.396	0.21961	0.13403	125	1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	17.665	0.31000	17.396	0.21961	0.13403	125	1.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	17.680	0.14000	17.396	0.21961	0.13403	125	1.29	1%	0

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	17.700	0.10000	17.396	0.21961	0.13403	125	1.38	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	17.705	0.23000	17.396	0.21961	0.13403	125	1.41	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	17.725	0.45000	17.396	0.21961	0.13403	125	1.50	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	17.750	0.30000	17.396	0.21961	0.13403	125	1.61	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	17.750	0.34000	17.396	0.21961	0.13403	125	1.61	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	17.765	0.11000	17.396	0.21961	0.13403	125	1.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	17.775	0.15000	17.396	0.21961	0.13403	125	1.73	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	17.785	0.19000	17.396	0.21961	0.13403	125	1.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	17.800	0.20000	17.396	0.21961	0.13403	125	1.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	17.810	0.02000	17.396	0.21961	0.13403	125	1.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	17.820	0.28000	17.396	0.21961	0.13403	125	1.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	17.860	0.18000	17.396	0.21961	0.13403	125	2.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	17.973	0.01000	17.396	0.21961	0.13403	125	2.63	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	18.340	0.12000	17.396	0.21961	0.13403	125	4.30	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	18.832	0.11700	17.396	0.21961	0.13403	125	6.54	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	19.750	0.00000	17.396	0.21961	0.13403	125	10.72	7%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	15.270	0.88000	17.396	0.21961	0.13403	125	-9.68	6%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	17.165	0.73000	17.396	0.21961	0.13403	125	-1.05	1%	1
002.07	Protein, Block Dig (%)	0946	17.778	0.01900			0.01900	1			
002.08	Protein, Cu / Ti (%)	0098	16.700	0.00000	17.192	0.36665	0.09078	4	-1.34	1%	0
002.08	Protein, Cu / Ti (%)	0208	17.150	0.10000	17.192	0.36665	0.09078	4	-0.12	0%	0
002.08	Protein, Cu / Ti (%)	0563	17.369	0.06310	17.192	0.36665	0.09078	4	0.48	1%	0
002.08	Protein, Cu / Ti (%)	0309	17.550	0.20000	17.192	0.36665	0.09078	4	0.98	1%	0
002.10	Protein, Block dig / distillation (%)	0629	17.320	0.02000			0.02000	1			
002.11	Protein, NIR (%)	0720	16.395	0.01000	17.397	0.99924	0.08200	5	-1.00	3%	0
002.11	Protein, NIR (%)	0885	16.865	0.03000	17.397	0.99924	0.08200	5	-0.53	2%	0
002.11	Protein, NIR (%)	0297	17.315	0.13000	17.397	0.99924	0.08200	5	-0.08	0%	0
002.11	Protein, NIR (%)	0553	17.370	0.22000	17.397	0.99924	0.08200	5	-0.03	0%	0
002.11	Protein, NIR (%)	0889	19.040	0.02000	17.397	0.99924	0.08200	5	1.64	5%	0
002.99	Protein, Miscellaneous (%)	2004	17.300	0.20000	17.425	0.17678	0.14000	2	-0.71	0%	0
002.99	Protein, Miscellaneous (%)	0643	17.550	0.08000	17.425	0.17678	0.14000	2	0.71	0%	0
003.00	Fat, Eth Ext., Direct (%)	0720	2.5100	0.22000	3.2948	0.24530	0.13839	19	-3.20	12%	0
003.00	Fat, Eth Ext., Direct (%)	0337	2.8800	0.16000	3.2948	0.24530	0.13839	19	-1.69	6%	0
003.00	Fat, Eth Ext., Direct (%)	0884	2.9100	0.34000	3.2948	0.24530	0.13839	19	-1.57	6%	0
003.00	Fat, Eth Ext., Direct (%)	2058	3.0500	0.08000	3.2948	0.24530	0.13839	19	-1.00	4%	0
003.00	Fat, Eth Ext., Direct (%)	0939	3.1050	0.13000	3.2948	0.24530	0.13839	19	-0.77	3%	0
003.00	Fat, Eth Ext., Direct (%)	0035	3.1550	0.01000	3.2948	0.24530	0.13839	19	-0.57	2%	0
003.00	Fat, Eth Ext., Direct (%)	0345	3.1750	0.05000	3.2948	0.24530	0.13839	19	-0.49	2%	0
003.00	Fat, Eth Ext., Direct (%)	0142	3.2300	0.18000	3.2948	0.24530	0.13839	19	-0.26	1%	0
003.00	Fat, Eth Ext., Direct (%)	2053	3.2650	0.03000	3.2948	0.24530	0.13839	19	-0.12	0%	0
003.00	Fat, Eth Ext., Direct (%)	0194	3.3250	0.03000	3.2948	0.24530	0.13839	19	0.12	0%	0
003.00	Fat, Eth Ext., Direct (%)	0354	3.3350	0.01000	3.2948	0.24530	0.13839	19	0.16	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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003.00	Fat, Eth Ext., Direct (%)	0139	3.3600	0.02000	3.2948	0.24530	0.13839	19	0.27	1%	0
003.00	Fat, Eth Ext., Direct (%)	0309	3.3950	0.51000	3.2948	0.24530	0.13839	19	0.41	2%	0
003.00	Fat, Eth Ext., Direct (%)	0596	3.4350	0.01000	3.2948	0.24530	0.13839	19	0.57	2%	0
003.00	Fat, Eth Ext., Direct (%)	0175	3.4400	0.08000	3.2948	0.24530	0.13839	19	0.59	2%	0
003.00	Fat, Eth Ext., Direct (%)	0065	3.4538	0.00250	3.2948	0.24530	0.13839	19	0.65	2%	0
003.00	Fat, Eth Ext., Direct (%)	0876	3.6000	0.20000	3.2948	0.24530	0.13839	19	1.24	5%	0
003.00	Fat, Eth Ext., Direct (%)	0885	3.6450	0.31000	3.2948	0.24530	0.13839	19	1.43	5%	0
003.00	Fat, Eth Ext., Direct (%)	0946	3.7465	0.25700	3.2948	0.24530	0.13839	19	1.84	7%	0
003.00	Fat, Eth Ext., Direct (%)	0017	3.5500	0.70000	3.2948	0.24530	0.13839	19	1.04	4%	1
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	2.6339	0.01870	3.0130	0.32991	0.30290	3	-1.15	6%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	3.1700	0.84000	3.0130	0.32991	0.30290	3	0.48	3%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0106	3.2350	0.05000	3.0130	0.32991	0.30290	3	0.67	4%	0
003.06	Fat, Pet Ether (%)	0574	2.7100	0.14000	3.1338	0.17115	0.06000	18	-2.48	7%	0
003.06	Fat, Pet Ether (%)	0300	2.8100	0.14000	3.1338	0.17115	0.06000	18	-1.89	5%	0
003.06	Fat, Pet Ether (%)	0074	2.9500	0.10000	3.1338	0.17115	0.06000	18	-1.07	3%	0
003.06	Fat, Pet Ether (%)	0169	3.0200	0.00000	3.1338	0.17115	0.06000	18	-0.66	2%	0
003.06	Fat, Pet Ether (%)	2063	3.0200	0.00000	3.1338	0.17115	0.06000	18	-0.66	2%	0
003.06	Fat, Pet Ether (%)	0199	3.0750	0.01000	3.1338	0.17115	0.06000	18	-0.34	1%	0
003.06	Fat, Pet Ether (%)	0552	3.0850	0.03000	3.1338	0.17115	0.06000	18	-0.29	1%	0
003.06	Fat, Pet Ether (%)	0689	3.1000	0.20000	3.1338	0.17115	0.06000	18	-0.20	1%	0
003.06	Fat, Pet Ether (%)	0511	3.1250	0.09000	3.1338	0.17115	0.06000	18	-0.05	0%	0
003.06	Fat, Pet Ether (%)	0682	3.1250	0.01000	3.1338	0.17115	0.06000	18	-0.05	0%	0
003.06	Fat, Pet Ether (%)	0294	3.1450	0.03000	3.1338	0.17115	0.06000	18	0.07	0%	0
003.06	Fat, Pet Ether (%)	0425	3.1600	0.02000	3.1338	0.17115	0.06000	18	0.15	0%	0
003.06	Fat, Pet Ether (%)	0148	3.1650	0.09000	3.1338	0.17115	0.06000	18	0.18	0%	0
003.06	Fat, Pet Ether (%)	0297	3.2700	0.02000	3.1338	0.17115	0.06000	18	0.80	2%	0
003.06	Fat, Pet Ether (%)	0687	3.3100	0.02000	3.1338	0.17115	0.06000	18	1.03	3%	0
003.06	Fat, Pet Ether (%)	0164	3.4250	0.01000	3.1338	0.17115	0.06000	18	1.70	5%	0
003.06	Fat, Pet Ether (%)	0918	3.5950	0.03000	3.1338	0.17115	0.06000	18	2.69	7%	0
003.06	Fat, Pet Ether (%)	0852	3.6300	0.14000	3.1338	0.17115	0.06000	18	2.90	8%	0
003.06	Fat, Pet Ether (%)	0083	3.2700	0.34000	3.1338	0.17115	0.06000	18	0.80	2%	1
003.09	Fat, Soxtec, Eth Ext (%)	0674	2.5550	0.03000	3.1728	0.11293	0.05884	22	-5.47	10%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	2.8050	0.01000	3.1728	0.11293	0.05884	22	-3.26	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	2.9500	0.10000	3.1728	0.11293	0.05884	22	-1.97	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0653	3.0500	0.00000	3.1728	0.11293	0.05884	22	-1.09	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	3.0750	0.07000	3.1728	0.11293	0.05884	22	-0.87	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	3.1200	0.08000	3.1728	0.11293	0.05884	22	-0.47	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	3.1200	0.00000	3.1728	0.11293	0.05884	22	-0.47	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0512	3.1215	0.08100	3.1728	0.11293	0.05884	22	-0.45	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0968	3.1540	0.05800	3.1728	0.11293	0.05884	22	-0.17	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	3.1568	0.08210	3.1728	0.11293	0.05884	22	-0.14	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	3.1700	0.04000	3.1728	0.11293	0.05884	22	-0.02	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	Rob SD	R-bar	# Labs			
003.09	Fat, Soxtec, Eth Ext (%)	0948	3.1700	0.00000	3.1728	0.11293	0.05884	22	-0.02	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	3.1750	0.11000	3.1728	0.11293	0.05884	22	0.02	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	3.2050	0.17000	3.1728	0.11293	0.05884	22	0.29	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	3.2184	0.00330	3.1728	0.11293	0.05884	22	0.40	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	3.2250	0.03000	3.1728	0.11293	0.05884	22	0.46	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	3.2500	0.10000	3.1728	0.11293	0.05884	22	0.68	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0964	3.2500	0.10000	3.1728	0.11293	0.05884	22	0.68	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	3.3500	0.10000	3.1728	0.11293	0.05884	22	1.57	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	3.3750	0.05000	3.1728	0.11293	0.05884	22	1.79	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	3.3750	0.01000	3.1728	0.11293	0.05884	22	1.79	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	3.6350	0.07000	3.1728	0.11293	0.05884	22	4.09	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0051	2.8200	0.40000	3.1728	0.11293	0.05884	22	-3.12	6%	1
003.10	Fat, Soxtec, Pet Ether (%)	0619	2.7800	0.12000	3.0138	0.14639	0.06925	24	-1.60	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	2.8000	0.04000	3.0138	0.14639	0.06925	24	-1.46	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	2.8050	0.15000	3.0138	0.14639	0.06925	24	-1.43	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	2.8750	0.03000	3.0138	0.14639	0.06925	24	-0.95	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	2.9100	0.16000	3.0138	0.14639	0.06925	24	-0.71	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	2.9200	0.02000	3.0138	0.14639	0.06925	24	-0.64	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	2.9300	0.00000	3.0138	0.14639	0.06925	24	-0.57	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	2.9350	0.09000	3.0138	0.14639	0.06925	24	-0.54	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	2.9550	0.01000	3.0138	0.14639	0.06925	24	-0.40	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2067	2.9630	0.03400	3.0138	0.14639	0.06925	24	-0.35	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0034	2.9650	0.01000	3.0138	0.14639	0.06925	24	-0.33	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	2.9700	0.02000	3.0138	0.14639	0.06925	24	-0.30	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0178	3.0300	0.06000	3.0138	0.14639	0.06925	24	0.11	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	3.0800	0.00000	3.0138	0.14639	0.06925	24	0.45	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2003	3.0900	0.00000	3.0138	0.14639	0.06925	24	0.52	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	3.1000	0.30000	3.0138	0.14639	0.06925	24	0.59	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	3.1000	0.20000	3.0138	0.14639	0.06925	24	0.59	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	3.1050	0.03000	3.0138	0.14639	0.06925	24	0.62	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	3.1200	0.22000	3.0138	0.14639	0.06925	24	0.73	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0881	3.1220	0.11800	3.0138	0.14639	0.06925	24	0.74	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	3.1700	0.02000	3.0138	0.14639	0.06925	24	1.07	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	3.1750	0.01000	3.0138	0.14639	0.06925	24	1.10	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2042	3.1950	0.01000	3.0138	0.14639	0.06925	24	1.24	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	3.4950	0.01000	3.0138	0.14639	0.06925	24	3.29	8%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	19.220	0.38000	3.0138	0.14639	0.06925	24	110.70	269%	2
003.11	Fat, NIR (%)	0720	2.9100	0.00000	3.1460	0.18026	0.02400	5	-1.31	4%	0
003.11	Fat, NIR (%)	0553	3.0400	0.02000	3.1460	0.18026	0.02400	5	-0.59	2%	0
003.11	Fat, NIR (%)	0889	3.1400	0.04000	3.1460	0.18026	0.02400	5	-0.03	0%	0
003.11	Fat, NIR (%)	0885	3.2850	0.03000	3.1460	0.18026	0.02400	5	0.77	2%	0
003.11	Fat, NIR (%)	0297	3.3550	0.03000	3.1460	0.18026	0.02400	5	1.16	3%	0

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003.12	Fat, Hexane Ext (%)	2006	2.7950	0.05000	3.1288	0.14940	0.04875	8	-2.23	5%	0
003.12	Fat, Hexane Ext (%)	2062	3.0050	0.13000	3.1288	0.14940	0.04875	8	-0.83	2%	0
003.12	Fat, Hexane Ext (%)	0171	3.0750	0.15000	3.1288	0.14940	0.04875	8	-0.36	1%	0
003.12	Fat, Hexane Ext (%)	0893	3.1000	0.00000	3.1288	0.14940	0.04875	8	-0.19	0%	0
003.12	Fat, Hexane Ext (%)	0895	3.1550	0.01000	3.1288	0.14940	0.04875	8	0.18	0%	0
003.12	Fat, Hexane Ext (%)	0897	3.2050	0.03000	3.1288	0.14940	0.04875	8	0.51	1%	0
003.12	Fat, Hexane Ext (%)	0903	3.2350	0.01000	3.1288	0.14940	0.04875	8	0.71	2%	0
003.12	Fat, Hexane Ext (%)	2065	3.3550	0.01000	3.1288	0.14940	0.04875	8	1.51	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	2.8700	0.08000	3.4180	0.96125	0.05360	5	-0.57	8%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	2.8900	0.04000	3.4180	0.96125	0.05360	5	-0.55	8%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	2.9950	0.07000	3.4180	0.96125	0.05360	5	-0.44	6%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	3.2150	0.05800	3.4180	0.96125	0.05360	5	-0.21	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0660	5.1200	0.02000	3.4180	0.96125	0.05360	5	1.77	25%	0
003.14	Fat, Ankom (%)	0574	1.5900	0.02000	3.1365	0.15789	0.07864	30	-9.79	25%	0
003.14	Fat, Ankom (%)	0229	2.8250	0.05000	3.1365	0.15789	0.07864	30	-1.97	5%	0
003.14	Fat, Ankom (%)	0913	2.9450	0.07000	3.1365	0.15789	0.07864	30	-1.21	3%	0
003.14	Fat, Ankom (%)	0265	2.9500	0.10000	3.1365	0.15789	0.07864	30	-1.18	3%	0
003.14	Fat, Ankom (%)	0202	2.9700	0.08000	3.1365	0.15789	0.07864	30	-1.05	3%	0
003.14	Fat, Ankom (%)	0407	2.9900	0.00000	3.1365	0.15789	0.07864	30	-0.93	2%	0
003.14	Fat, Ankom (%)	0357	3.0000	0.00000	3.1365	0.15789	0.07864	30	-0.86	2%	0
003.14	Fat, Ankom (%)	0009	3.0350	0.25000	3.1365	0.15789	0.07864	30	-0.64	2%	0
003.14	Fat, Ankom (%)	0598	3.0500	0.06000	3.1365	0.15789	0.07864	30	-0.55	1%	0
003.14	Fat, Ankom (%)	0144	3.0800	0.04000	3.1365	0.15789	0.07864	30	-0.36	1%	0
003.14	Fat, Ankom (%)	0089	3.1000	0.00000	3.1365	0.15789	0.07864	30	-0.23	1%	0
003.14	Fat, Ankom (%)	0278	3.1000	0.00000	3.1365	0.15789	0.07864	30	-0.23	1%	0
003.14	Fat, Ankom (%)	0956	3.1000	0.00000	3.1365	0.15789	0.07864	30	-0.23	1%	0
003.14	Fat, Ankom (%)	0001	3.1240	0.10600	3.1365	0.15789	0.07864	30	-0.08	0%	0
003.14	Fat, Ankom (%)	0520	3.1300	0.20000	3.1365	0.15789	0.07864	30	-0.04	0%	0
003.14	Fat, Ankom (%)	0581	3.1400	0.10000	3.1365	0.15789	0.07864	30	0.02	0%	0
003.14	Fat, Ankom (%)	0049	3.1450	0.29000	3.1365	0.15789	0.07864	30	0.05	0%	0
003.14	Fat, Ankom (%)	0878	3.1650	0.15000	3.1365	0.15789	0.07864	30	0.18	0%	0
003.14	Fat, Ankom (%)	0066	3.1750	0.11000	3.1365	0.15789	0.07864	30	0.24	1%	0
003.14	Fat, Ankom (%)	0955	3.1800	0.02000	3.1365	0.15789	0.07864	30	0.28	1%	0
003.14	Fat, Ankom (%)	0891	3.1836	0.00230	3.1365	0.15789	0.07864	30	0.30	1%	0
003.14	Fat, Ankom (%)	2023	3.1950	0.07000	3.1365	0.15789	0.07864	30	0.37	1%	0
003.14	Fat, Ankom (%)	0015	3.2450	0.05000	3.1365	0.15789	0.07864	30	0.69	2%	0
003.14	Fat, Ankom (%)	2052	3.2550	0.23000	3.1365	0.15789	0.07864	30	0.75	2%	0
003.14	Fat, Ankom (%)	0683	3.3000	0.02000	3.1365	0.15789	0.07864	30	1.04	3%	0
003.14	Fat, Ankom (%)	0726	3.3135	0.03100	3.1365	0.15789	0.07864	30	1.12	3%	0
003.14	Fat, Ankom (%)	0019	3.3150	0.03000	3.1365	0.15789	0.07864	30	1.13	3%	0
003.14	Fat, Ankom (%)	0190	3.5050	0.21000	3.1365	0.15789	0.07864	30	2.33	6%	0
003.14	Fat, Ankom (%)	0413	3.6000	0.00000	3.1365	0.15789	0.07864	30	2.94	7%	0

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003.14	Fat, Ankom (%)	0848	3.6350	0.07000	3.1365	0.15789	0.07864	30	<b>3.16</b>	8%	0
003.14	Fat, Ankom (%)	0108	3.2400	0.46000	3.1365	0.15789	0.07864	30	<b>0.66</b>	2%	1
003.99	Fat, Miscellaneous (%)	0880	3.1000	2.4000	3.2575	0.19376	0.66000	4	-0.81	2%	0
003.99	Fat, Miscellaneous (%)	0047	3.1850	0.05000	3.2575	0.19376	0.66000	4	-0.37	1%	0
003.99	Fat, Miscellaneous (%)	0536	3.2050	0.17000	3.2575	0.19376	0.66000	4	-0.27	1%	0
003.99	Fat, Miscellaneous (%)	2052	3.5400	0.02000	3.2575	0.19376	0.66000	4	1.46	4%	0
004.00	Fiber, Crude Asbestos Free (%)	0345	3.1950	0.11000	3.6696	0.17463	0.13591	22	<b>-2.72</b>	6%	0
004.00	Fiber, Crude Asbestos Free (%)	0337	3.2500	0.04000	3.6696	0.17463	0.13591	22	<b>-2.40</b>	6%	0
004.00	Fiber, Crude Asbestos Free (%)	0596	3.3250	0.15000	3.6696	0.17463	0.13591	22	<b>-1.97</b>	5%	0
004.00	Fiber, Crude Asbestos Free (%)	0169	3.3800	0.00000	3.6696	0.17463	0.13591	22	<b>-1.66</b>	4%	0
004.00	Fiber, Crude Asbestos Free (%)	0034	3.5500	0.10000	3.6696	0.17463	0.13591	22	<b>-0.69</b>	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0208	3.5850	0.59000	3.6696	0.17463	0.13591	22	<b>-0.48</b>	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0504	3.6100	0.16000	3.6696	0.17463	0.13591	22	<b>-0.34</b>	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0681	3.6250	0.09000	3.6696	0.17463	0.13591	22	<b>-0.26</b>	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0884	3.6400	0.28000	3.6696	0.17463	0.13591	22	<b>-0.17</b>	0%	0
004.00	Fiber, Crude Asbestos Free (%)	0425	3.6500	0.10000	3.6696	0.17463	0.13591	22	<b>-0.11</b>	0%	0
004.00	Fiber, Crude Asbestos Free (%)	0194	3.6650	0.03000	3.6696	0.17463	0.13591	22	<b>-0.03</b>	0%	0
004.00	Fiber, Crude Asbestos Free (%)	0354	3.6650	0.03000	3.6696	0.17463	0.13591	22	<b>-0.03</b>	0%	0
004.00	Fiber, Crude Asbestos Free (%)	0164	3.7000	0.00000	3.6696	0.17463	0.13591	22	<b>0.17</b>	0%	0
004.00	Fiber, Crude Asbestos Free (%)	0171	3.7200	0.18000	3.6696	0.17463	0.13591	22	<b>0.29</b>	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0511	3.7500	0.10000	3.6696	0.17463	0.13591	22	<b>0.46</b>	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0353	3.7650	0.35000	3.6696	0.17463	0.13591	22	<b>0.55</b>	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0298	3.7900	0.02000	3.6696	0.17463	0.13591	22	<b>0.69</b>	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0309	3.7950	0.15000	3.6696	0.17463	0.13591	22	<b>0.72</b>	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0175	3.8100	0.10000	3.6696	0.17463	0.13591	22	<b>0.80</b>	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0226	3.9000	0.20000	3.6696	0.17463	0.13591	22	<b>1.32</b>	3%	0
004.00	Fiber, Crude Asbestos Free (%)	2004	3.9350	0.03000	3.6696	0.17463	0.13591	22	<b>1.52</b>	4%	0
004.00	Fiber, Crude Asbestos Free (%)	2023	4.0100	0.18000	3.6696	0.17463	0.13591	22	<b>1.95</b>	5%	0
004.00	Fiber, Crude Asbestos Free (%)	0876	4.0000	1.2000	3.6696	0.17463	0.13591	22	<b>1.89</b>	5%	1
004.01	Fiber, Sing Filt (%)	0045	4.6450	0.33000			0.33000	1			
004.03	Fiber, Fritted Glass (%)	2042	2.9200	0.02000	3.9198	0.25781	0.04500	6	<b>-3.88</b>	13%	0
004.03	Fiber, Fritted Glass (%)	0685	3.7200	0.02000	3.9198	0.25781	0.04500	6	<b>-0.77</b>	3%	0
004.03	Fiber, Fritted Glass (%)	2068	3.9250	0.05000	3.9198	0.25781	0.04500	6	<b>0.02</b>	0%	0
004.03	Fiber, Fritted Glass (%)	0626	4.0100	0.04000	3.9198	0.25781	0.04500	6	<b>0.35</b>	1%	0
004.03	Fiber, Fritted Glass (%)	2058	4.1250	0.03000	3.9198	0.25781	0.04500	6	<b>0.80</b>	3%	0
004.03	Fiber, Fritted Glass (%)	0693	4.1550	0.11000	3.9198	0.25781	0.04500	6	<b>0.91</b>	3%	0
004.06	Fiber, Fibertec (%)	0897	3.2350	0.01000	3.8714	0.18899	0.09181	35	<b>-3.37</b>	8%	0
004.06	Fiber, Fibertec (%)	0038	3.4850	0.21000	3.8714	0.18899	0.09181	35	<b>-2.04</b>	5%	0
004.06	Fiber, Fibertec (%)	0590	3.5500	0.30000	3.8714	0.18899	0.09181	35	<b>-1.70</b>	4%	0
004.06	Fiber, Fibertec (%)	0918	3.6100	0.14000	3.8714	0.18899	0.09181	35	<b>-1.38</b>	3%	0
004.06	Fiber, Fibertec (%)	0653	3.6600	0.08000	3.8714	0.18899	0.09181	35	<b>-1.12</b>	3%	0
004.06	Fiber, Fibertec (%)	0512	3.6780	0.01800	3.8714	0.18899	0.09181	35	<b>-1.02</b>	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0952	3.6950	0.01000	3.8714	0.18899	0.09181	35	-0.93	2%	0
004.06	Fiber, Fibertec (%)	0881	3.7005	0.04100	3.8714	0.18899	0.09181	35	-0.90	2%	0
004.06	Fiber, Fibertec (%)	0893	3.7050	0.01000	3.8714	0.18899	0.09181	35	-0.88	2%	0
004.06	Fiber, Fibertec (%)	0552	3.7500	0.30000	3.8714	0.18899	0.09181	35	-0.64	2%	0
004.06	Fiber, Fibertec (%)	0205	3.7700	0.18000	3.8714	0.18899	0.09181	35	-0.54	1%	0
004.06	Fiber, Fibertec (%)	0964	3.7750	0.07000	3.8714	0.18899	0.09181	35	-0.51	1%	0
004.06	Fiber, Fibertec (%)	0098	3.7900	0.10000	3.8714	0.18899	0.09181	35	-0.43	1%	0
004.06	Fiber, Fibertec (%)	0941	3.8100	0.18000	3.8714	0.18899	0.09181	35	-0.32	1%	0
004.06	Fiber, Fibertec (%)	0968	3.8140	0.17200	3.8714	0.18899	0.09181	35	-0.30	1%	0
004.06	Fiber, Fibertec (%)	0903	3.8250	0.01000	3.8714	0.18899	0.09181	35	-0.25	1%	0
004.06	Fiber, Fibertec (%)	0885	3.8400	0.00000	3.8714	0.18899	0.09181	35	-0.17	0%	0
004.06	Fiber, Fibertec (%)	0868	3.8800	0.04000	3.8714	0.18899	0.09181	35	0.05	0%	0
004.06	Fiber, Fibertec (%)	2022	3.8800	0.14000	3.8714	0.18899	0.09181	35	0.05	0%	0
004.06	Fiber, Fibertec (%)	0689	3.9000	0.20000	3.8714	0.18899	0.09181	35	0.15	0%	0
004.06	Fiber, Fibertec (%)	0675	3.9350	0.09000	3.8714	0.18899	0.09181	35	0.34	1%	0
004.06	Fiber, Fibertec (%)	2006	3.9350	0.13000	3.8714	0.18899	0.09181	35	0.34	1%	0
004.06	Fiber, Fibertec (%)	2062	3.9400	0.14000	3.8714	0.18899	0.09181	35	0.36	1%	0
004.06	Fiber, Fibertec (%)	0878	3.9450	0.07000	3.8714	0.18899	0.09181	35	0.39	1%	0
004.06	Fiber, Fibertec (%)	2065	3.9500	0.02000	3.8714	0.18899	0.09181	35	0.42	1%	0
004.06	Fiber, Fibertec (%)	0720	3.9550	0.11000	3.8714	0.18899	0.09181	35	0.44	1%	0
004.06	Fiber, Fibertec (%)	2067	3.9750	0.02000	3.8714	0.18899	0.09181	35	0.55	1%	0
004.06	Fiber, Fibertec (%)	0620	3.9901	0.00240	3.8714	0.18899	0.09181	35	0.63	2%	0
004.06	Fiber, Fibertec (%)	2063	4.1100	0.02000	3.8714	0.18899	0.09181	35	1.26	3%	0
004.06	Fiber, Fibertec (%)	0674	4.1450	0.01000	3.8714	0.18899	0.09181	35	1.45	4%	0
004.06	Fiber, Fibertec (%)	0199	4.1700	0.14000	3.8714	0.18899	0.09181	35	1.58	4%	0
004.06	Fiber, Fibertec (%)	0895	4.2700	0.02000	3.8714	0.18899	0.09181	35	2.11	5%	0
004.06	Fiber, Fibertec (%)	0948	4.4700	0.12000	3.8714	0.18899	0.09181	35	3.17	8%	0
004.06	Fiber, Fibertec (%)	0845	4.6300	0.10000	3.8714	0.18899	0.09181	35	4.01	10%	0
004.06	Fiber, Fibertec (%)	0609	5.3650	0.01000	3.8714	0.18899	0.09181	35	7.90	19%	0
004.07	Fiber, ANKOM (%)	0939	2.8150	0.31000	3.5413	0.36082	0.16088	53	-2.01	10%	0
004.07	Fiber, ANKOM (%)	0553	2.9300	0.24000	3.5413	0.36082	0.16088	53	-1.69	9%	0
004.07	Fiber, ANKOM (%)	0407	2.9650	0.09000	3.5413	0.36082	0.16088	53	-1.60	8%	0
004.07	Fiber, ANKOM (%)	0008	2.9750	0.55000	3.5413	0.36082	0.16088	53	-1.57	8%	0
004.07	Fiber, ANKOM (%)	0202	3.0100	0.10000	3.5413	0.36082	0.16088	53	-1.47	8%	0
004.07	Fiber, ANKOM (%)	0510	3.0500	0.10000	3.5413	0.36082	0.16088	53	-1.36	7%	0
004.07	Fiber, ANKOM (%)	0913	3.0500	0.30000	3.5413	0.36082	0.16088	53	-1.36	7%	0
004.07	Fiber, ANKOM (%)	0278	3.1000	0.00000	3.5413	0.36082	0.16088	53	-1.22	6%	0
004.07	Fiber, ANKOM (%)	0144	3.1300	0.18000	3.5413	0.36082	0.16088	53	-1.14	6%	0
004.07	Fiber, ANKOM (%)	0042	3.2250	0.29000	3.5413	0.36082	0.16088	53	-0.88	4%	0
004.07	Fiber, ANKOM (%)	2052	3.2550	0.01000	3.5413	0.36082	0.16088	53	-0.79	4%	0
004.07	Fiber, ANKOM (%)	0505	3.2750	0.01000	3.5413	0.36082	0.16088	53	-0.74	4%	0
004.07	Fiber, ANKOM (%)	0619	3.2800	0.04000	3.5413	0.36082	0.16088	53	-0.72	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0354	3.3000	0.32000	3.5413	0.36082	0.16088	53	-0.67	3%	0
004.07	Fiber, ANKOM (%)	0098	3.3200	0.00000	3.5413	0.36082	0.16088	53	-0.61	3%	0
004.07	Fiber, ANKOM (%)	0066	3.3200	0.20000	3.5413	0.36082	0.16088	53	-0.61	3%	0
004.07	Fiber, ANKOM (%)	0646	3.3350	0.09000	3.5413	0.36082	0.16088	53	-0.57	3%	0
004.07	Fiber, ANKOM (%)	0956	3.3500	0.10000	3.5413	0.36082	0.16088	53	-0.53	3%	0
004.07	Fiber, ANKOM (%)	0265	3.3500	0.30000	3.5413	0.36082	0.16088	53	-0.53	3%	0
004.07	Fiber, ANKOM (%)	0708	3.3650	0.09000	3.5413	0.36082	0.16088	53	-0.49	2%	0
004.07	Fiber, ANKOM (%)	0033	3.4750	0.01000	3.5413	0.36082	0.16088	53	-0.18	1%	0
004.07	Fiber, ANKOM (%)	0015	3.4900	0.08000	3.5413	0.36082	0.16088	53	-0.14	1%	0
004.07	Fiber, ANKOM (%)	0592	3.5050	0.05000	3.5413	0.36082	0.16088	53	-0.10	1%	0
004.07	Fiber, ANKOM (%)	0190	3.5600	0.12000	3.5413	0.36082	0.16088	53	0.05	0%	0
004.07	Fiber, ANKOM (%)	0723	3.5621	0.00000	3.5413	0.36082	0.16088	53	0.06	0%	0
004.07	Fiber, ANKOM (%)	0009	3.5750	0.27000	3.5413	0.36082	0.16088	53	0.09	0%	0
004.07	Fiber, ANKOM (%)	0003	3.5950	0.15000	3.5413	0.36082	0.16088	53	0.15	1%	0
004.07	Fiber, ANKOM (%)	0229	3.6000	0.20000	3.5413	0.36082	0.16088	53	0.16	1%	0
004.07	Fiber, ANKOM (%)	0297	3.6000	0.04000	3.5413	0.36082	0.16088	53	0.16	1%	0
004.07	Fiber, ANKOM (%)	0520	3.6050	0.29000	3.5413	0.36082	0.16088	53	0.18	1%	0
004.07	Fiber, ANKOM (%)	2053	3.6100	0.10000	3.5413	0.36082	0.16088	53	0.19	1%	0
004.07	Fiber, ANKOM (%)	0178	3.6350	0.47000	3.5413	0.36082	0.16088	53	0.26	1%	0
004.07	Fiber, ANKOM (%)	0083	3.6400	0.30000	3.5413	0.36082	0.16088	53	0.27	1%	0
004.07	Fiber, ANKOM (%)	0100	3.6450	0.15000	3.5413	0.36082	0.16088	53	0.29	1%	0
004.07	Fiber, ANKOM (%)	0861	3.6450	0.25000	3.5413	0.36082	0.16088	53	0.29	1%	0
004.07	Fiber, ANKOM (%)	0413	3.7000	0.20000	3.5413	0.36082	0.16088	53	0.44	2%	0
004.07	Fiber, ANKOM (%)	0074	3.7250	0.03000	3.5413	0.36082	0.16088	53	0.51	3%	0
004.07	Fiber, ANKOM (%)	0891	3.7461	0.00140	3.5413	0.36082	0.16088	53	0.57	3%	0
004.07	Fiber, ANKOM (%)	0683	3.7550	0.11000	3.5413	0.36082	0.16088	53	0.59	3%	0
004.07	Fiber, ANKOM (%)	0563	3.7556	0.10730	3.5413	0.36082	0.16088	53	0.59	3%	0
004.07	Fiber, ANKOM (%)	0300	3.7705	0.08900	3.5413	0.36082	0.16088	53	0.64	3%	0
004.07	Fiber, ANKOM (%)	0955	3.7850	0.07000	3.5413	0.36082	0.16088	53	0.68	3%	0
004.07	Fiber, ANKOM (%)	0726	3.7965	0.08900	3.5413	0.36082	0.16088	53	0.71	4%	0
004.07	Fiber, ANKOM (%)	0682	3.8000	0.20000	3.5413	0.36082	0.16088	53	0.72	4%	0
004.07	Fiber, ANKOM (%)	0019	3.8800	0.24000	3.5413	0.36082	0.16088	53	0.94	5%	0
004.07	Fiber, ANKOM (%)	0089	3.9550	0.01000	3.5413	0.36082	0.16088	53	1.15	6%	0
004.07	Fiber, ANKOM (%)	0848	3.9950	0.15000	3.5413	0.36082	0.16088	53	1.26	6%	0
004.07	Fiber, ANKOM (%)	0294	4.0000	0.00000	3.5413	0.36082	0.16088	53	1.27	6%	0
004.07	Fiber, ANKOM (%)	0581	4.0000	0.60000	3.5413	0.36082	0.16088	53	1.27	6%	0
004.07	Fiber, ANKOM (%)	0643	4.0800	0.08000	3.5413	0.36082	0.16088	53	1.49	8%	0
004.07	Fiber, ANKOM (%)	0242	4.1150	0.07000	3.5413	0.36082	0.16088	53	1.59	8%	0
004.07	Fiber, ANKOM (%)	0004	4.1200	0.48000	3.5413	0.36082	0.16088	53	1.60	8%	0
004.07	Fiber, ANKOM (%)	0598	4.2100	0.20000	3.5413	0.36082	0.16088	53	1.85	9%	0
004.11	Fiber, NIR (%)	0885	3.3550	0.01000	3.6817	0.28820	0.10333	3	-1.13	4%	0
004.11	Fiber, NIR (%)	0553	3.7900	0.30000	3.6817	0.28820	0.10333	3	0.38	1%	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	Rob SD	R-bar	# Labs			
004.11	Fiber, NIR (%)	0720	3.9000	0.00000	3.6817	0.28820	0.10333	3	0.76	3%	0
004.99	Fiber, Miscellaneous (%)	0629	3.4750	0.05000	3.6995	0.23856	0.05500	3	-0.94	3%	0
004.99	Fiber, Miscellaneous (%)	0946	3.6735	0.05500	3.6995	0.23856	0.05500	3	-0.11	0%	0
004.99	Fiber, Miscellaneous (%)	0536	3.9500	0.06000	3.6995	0.23856	0.05500	3	1.05	3%	0
005.00	Ash, 2h @ 600°C (%)	0957	4.0350	0.07000	5.1093	0.14855	0.05961	97	-7.23	11%	0
005.00	Ash, 2h @ 600°C (%)	0539	4.8550	0.01000	5.1093	0.14855	0.05961	97	-1.71	2%	0
005.00	Ash, 2h @ 600°C (%)	0001	4.8558	0.10510	5.1093	0.14855	0.05961	97	-1.71	2%	0
005.00	Ash, 2h @ 600°C (%)	0960	4.8700	0.14000	5.1093	0.14855	0.05961	97	-1.61	2%	0
005.00	Ash, 2h @ 600°C (%)	0042	4.8750	0.21000	5.1093	0.14855	0.05961	97	-1.58	2%	0
005.00	Ash, 2h @ 600°C (%)	0337	4.8850	0.17000	5.1093	0.14855	0.05961	97	-1.51	2%	0
005.00	Ash, 2h @ 600°C (%)	0959	4.8850	0.07000	5.1093	0.14855	0.05961	97	-1.51	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	4.8900	0.10000	5.1093	0.14855	0.05961	97	-1.48	2%	0
005.00	Ash, 2h @ 600°C (%)	0918	4.9350	0.15000	5.1093	0.14855	0.05961	97	-1.17	2%	0
005.00	Ash, 2h @ 600°C (%)	0205	4.9450	0.03000	5.1093	0.14855	0.05961	97	-1.11	2%	0
005.00	Ash, 2h @ 600°C (%)	0065	4.9463	0.00250	5.1093	0.14855	0.05961	97	-1.10	2%	0
005.00	Ash, 2h @ 600°C (%)	2067	4.9495	0.00100	5.1093	0.14855	0.05961	97	-1.08	2%	0
005.00	Ash, 2h @ 600°C (%)	0008	4.9500	0.14000	5.1093	0.14855	0.05961	97	-1.07	2%	0
005.00	Ash, 2h @ 600°C (%)	0609	4.9500	0.04000	5.1093	0.14855	0.05961	97	-1.07	2%	0
005.00	Ash, 2h @ 600°C (%)	0175	4.9550	0.03000	5.1093	0.14855	0.05961	97	-1.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0178	4.9600	0.02000	5.1093	0.14855	0.05961	97	-1.01	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	4.9650	0.07000	5.1093	0.14855	0.05961	97	-0.97	1%	0
005.00	Ash, 2h @ 600°C (%)	2068	4.9650	0.01000	5.1093	0.14855	0.05961	97	-0.97	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	4.9700	0.06000	5.1093	0.14855	0.05961	97	-0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	4.9900	0.06000	5.1093	0.14855	0.05961	97	-0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0723	4.9906	0.00000	5.1093	0.14855	0.05961	97	-0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	5.0000	0.04000	5.1093	0.14855	0.05961	97	-0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0297	5.0000	0.00000	5.1093	0.14855	0.05961	97	-0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0596	5.0000	0.02000	5.1093	0.14855	0.05961	97	-0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	5.0000	0.00000	5.1093	0.14855	0.05961	97	-0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0089	5.0050	0.01000	5.1093	0.14855	0.05961	97	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	5.0100	0.10000	5.1093	0.14855	0.05961	97	-0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	5.0150	0.01000	5.1093	0.14855	0.05961	97	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	5.0150	0.03000	5.1093	0.14855	0.05961	97	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	5.0150	0.05000	5.1093	0.14855	0.05961	97	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	5.0200	0.06000	5.1093	0.14855	0.05961	97	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	5.0250	0.01000	5.1093	0.14855	0.05961	97	-0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	5.0300	0.10000	5.1093	0.14855	0.05961	97	-0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	5.0350	0.03000	5.1093	0.14855	0.05961	97	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	5.0450	0.15000	5.1093	0.14855	0.05961	97	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	5.0553	0.02010	5.1093	0.14855	0.05961	97	-0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	5.0600	0.02000	5.1093	0.14855	0.05961	97	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0139	5.0650	0.01000	5.1093	0.14855	0.05961	97	-0.30	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0845	5.0700	0.08000	5.1093	0.14855	0.05961	97	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	5.0750	0.03000	5.1093	0.14855	0.05961	97	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0015	5.0800	0.10000	5.1093	0.14855	0.05961	97	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0964	5.0800	0.02000	5.1093	0.14855	0.05961	97	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	5.0845	0.04700	5.1093	0.14855	0.05961	97	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0066	5.0850	0.01000	5.1093	0.14855	0.05961	97	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	5.0900	0.06000	5.1093	0.14855	0.05961	97	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	5.0950	0.05000	5.1093	0.14855	0.05961	97	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	5.0950	0.13000	5.1093	0.14855	0.05961	97	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	5.0965	0.14700	5.1093	0.14855	0.05961	97	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	5.1050	0.05000	5.1093	0.14855	0.05961	97	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	5.1100	0.02000	5.1093	0.14855	0.05961	97	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0186	5.1100	0.02000	5.1093	0.14855	0.05961	97	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	5.1200	0.04000	5.1093	0.14855	0.05961	97	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0958	5.1300	0.02000	5.1093	0.14855	0.05961	97	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0681	5.1350	0.01000	5.1093	0.14855	0.05961	97	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	5.1450	0.05000	5.1093	0.14855	0.05961	97	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0152	5.1500	0.10000	5.1093	0.14855	0.05961	97	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0242	5.1600	0.10000	5.1093	0.14855	0.05961	97	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	5.1650	0.03000	5.1093	0.14855	0.05961	97	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0660	5.1650	0.15000	5.1093	0.14855	0.05961	97	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	5.1700	0.04000	5.1093	0.14855	0.05961	97	0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	5.1750	0.03000	5.1093	0.14855	0.05961	97	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	5.1800	0.00000	5.1093	0.14855	0.05961	97	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	5.1800	0.00000	5.1093	0.14855	0.05961	97	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0653	5.1800	0.04000	5.1093	0.14855	0.05961	97	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	5.1835	0.01500	5.1093	0.14855	0.05961	97	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0194	5.1850	0.01000	5.1093	0.14855	0.05961	97	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0913	5.1850	0.05000	5.1093	0.14855	0.05961	97	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0620	5.1900	0.04000	5.1093	0.14855	0.05961	97	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	5.2000	0.00000	5.1093	0.14855	0.05961	97	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	5.2050	0.01000	5.1093	0.14855	0.05961	97	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	5.2100	0.00000	5.1093	0.14855	0.05961	97	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0138	5.2125	0.02500	5.1093	0.14855	0.05961	97	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	5.2150	0.21000	5.1093	0.14855	0.05961	97	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	5.2150	0.15000	5.1093	0.14855	0.05961	97	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	5.2250	0.03000	5.1093	0.14855	0.05961	97	0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	5.2300	0.20000	5.1093	0.14855	0.05961	97	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0646	5.2300	0.04000	5.1093	0.14855	0.05961	97	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	5.2339	0.00030	5.1093	0.14855	0.05961	97	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0051	5.2450	0.17000	5.1093	0.14855	0.05961	97	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	5.2500	0.02000	5.1093	0.14855	0.05961	97	0.95	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	2006	5.2500	0.16000	5.1093	0.14855	0.05961	97	0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0623	5.2528	0.00650	5.1093	0.14855	0.05961	97	0.97	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	5.2550	0.01000	5.1093	0.14855	0.05961	97	0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	5.2600	0.02000	5.1093	0.14855	0.05961	97	1.01	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	5.2600	0.02000	5.1093	0.14855	0.05961	97	1.01	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	5.2650	0.11000	5.1093	0.14855	0.05961	97	1.05	2%	0
005.00	Ash, 2h @ 600°C (%)	0353	5.2700	0.04000	5.1093	0.14855	0.05961	97	1.08	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	5.2750	0.05000	5.1093	0.14855	0.05961	97	1.12	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	5.2850	0.09000	5.1093	0.14855	0.05961	97	1.18	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	5.3000	0.20000	5.1093	0.14855	0.05961	97	1.28	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	5.3400	0.08000	5.1093	0.14855	0.05961	97	1.55	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	5.3500	0.10000	5.1093	0.14855	0.05961	97	1.62	2%	0
005.00	Ash, 2h @ 600°C (%)	0510	5.3550	0.03000	5.1093	0.14855	0.05961	97	1.65	2%	0
005.00	Ash, 2h @ 600°C (%)	0852	5.4000	0.00000	5.1093	0.14855	0.05961	97	1.96	3%	0
005.00	Ash, 2h @ 600°C (%)	2022	6.4550	0.23000	5.1093	0.14855	0.05961	97	9.06	13%	0
005.00	Ash, 2h @ 600°C (%)	0618	6.6165	0.05900	5.1093	0.14855	0.05961	97	10.15	15%	0
005.00	Ash, 2h @ 600°C (%)	0658	6.6552	0.08370	5.1093	0.14855	0.05961	97	10.41	15%	0
005.00	Ash, 2h @ 600°C (%)	0504	5.2800	0.30000	5.1093	0.14855	0.05961	97	1.15	2%	1
005.02	Ash, LECO (%)	0610	5.2850	0.03000			0.03000	1			
005.05	Ash, 3h @ 550°C (%)	2062	5.0100	0.14000	5.2181	0.08661	0.05296	26	-2.40	2%	0
005.05	Ash, 3h @ 550°C (%)	0893	5.0550	0.01000	5.2181	0.08661	0.05296	26	-1.88	2%	0
005.05	Ash, 3h @ 550°C (%)	0685	5.0900	0.00000	5.2181	0.08661	0.05296	26	-1.48	1%	0
005.05	Ash, 3h @ 550°C (%)	2052	5.1050	0.05000	5.2181	0.08661	0.05296	26	-1.31	1%	0
005.05	Ash, 3h @ 550°C (%)	2058	5.1050	0.13000	5.2181	0.08661	0.05296	26	-1.31	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	5.1300	0.02000	5.2181	0.08661	0.05296	26	-1.02	1%	0
005.05	Ash, 3h @ 550°C (%)	2063	5.1700	0.02000	5.2181	0.08661	0.05296	26	-0.56	0%	0
005.05	Ash, 3h @ 550°C (%)	2065	5.1800	0.02000	5.2181	0.08661	0.05296	26	-0.44	0%	0
005.05	Ash, 3h @ 550°C (%)	0891	5.1802	0.01700	5.2181	0.08661	0.05296	26	-0.44	0%	0
005.05	Ash, 3h @ 550°C (%)	0033	5.1950	0.07000	5.2181	0.08661	0.05296	26	-0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	5.1950	0.01000	5.2181	0.08661	0.05296	26	-0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	5.2200	0.00000	5.2181	0.08661	0.05296	26	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	5.2200	0.16000	5.2181	0.08661	0.05296	26	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	2042	5.2300	0.00000	5.2181	0.08661	0.05296	26	0.14	0%	0
005.05	Ash, 3h @ 550°C (%)	0592	5.2450	0.03000	5.2181	0.08661	0.05296	26	0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	5.2500	0.10000	5.2181	0.08661	0.05296	26	0.37	0%	0
005.05	Ash, 3h @ 550°C (%)	0921	5.2500	0.00000	5.2181	0.08661	0.05296	26	0.37	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	5.2700	0.04000	5.2181	0.08661	0.05296	26	0.60	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	5.2750	0.05000	5.2181	0.08661	0.05296	26	0.66	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	5.2800	0.04000	5.2181	0.08661	0.05296	26	0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	5.2850	0.05000	5.2181	0.08661	0.05296	26	0.77	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	5.2950	0.01000	5.2181	0.08661	0.05296	26	0.89	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	5.3000	0.20000	5.2181	0.08661	0.05296	26	0.95	1%	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	Rob SD	R-bar	# Labs			
005.05	Ash, 3h @ 550°C (%)	0895	5.3150	0.01000	5.2181	0.08661	0.05296	26	1.12	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	5.3200	0.00000	5.2181	0.08661	0.05296	26	1.18	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	5.4700	0.20000	5.2181	0.08661	0.05296	26	2.91	2%	0
005.05	Ash, 3h @ 550°C (%)	0889	6.4800	0.10000	5.2181	0.08661	0.05296	26	14.57	12%	2
005.11	Ash, NIR (%)	0889	4.5450	0.05000	6.0150	1.2965	0.03000	4	-1.13	12%	0
005.11	Ash, NIR (%)	0885	5.5800	0.02000	6.0150	1.2965	0.03000	4	-0.34	4%	0
005.11	Ash, NIR (%)	0720	6.3050	0.01000	6.0150	1.2965	0.03000	4	0.22	2%	0
005.11	Ash, NIR (%)	0297	7.6300	0.04000	6.0150	1.2965	0.03000	4	1.25	13%	0
005.99	Ash, Miscellaneous (%)	0652	0.64500	0.01000	5.1655	0.24071	0.04667	9	-18.78	44%	0
005.99	Ash, Miscellaneous (%)	0967	4.7800	0.02000	5.1655	0.24071	0.04667	9	-1.60	4%	0
005.99	Ash, Miscellaneous (%)	0202	4.9500	0.02000	5.1655	0.24071	0.04667	9	-0.90	2%	0
005.99	Ash, Miscellaneous (%)	2004	5.1450	0.05000	5.1655	0.24071	0.04667	9	-0.09	0%	0
005.99	Ash, Miscellaneous (%)	2023	5.2000	0.02000	5.1655	0.24071	0.04667	9	0.14	0%	0
005.99	Ash, Miscellaneous (%)	0574	5.2350	0.15000	5.1655	0.24071	0.04667	9	0.29	1%	0
005.99	Ash, Miscellaneous (%)	0884	5.3250	0.07000	5.1655	0.24071	0.04667	9	0.66	2%	0
005.99	Ash, Miscellaneous (%)	0629	5.3350	0.07000	5.1655	0.24071	0.04667	9	0.70	2%	0
005.99	Ash, Miscellaneous (%)	0536	5.5450	0.01000	5.1655	0.24071	0.04667	9	1.58	4%	0
006.00	Total sugars, As sucrose (%)	0921	4.6200	2.8000	5.2267	0.94459	1.0667	3	-0.64	6%	0
006.00	Total sugars, As sucrose (%)	0939	4.7450	0.05000	5.2267	0.94459	1.0667	3	-0.51	5%	0
006.00	Total sugars, As sucrose (%)	0066	6.3150	0.35000	5.2267	0.94459	1.0667	3	1.15	10%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	4.7650	0.15000	5.1575	0.55508	0.22500	2	-0.71	4%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	5.5500	0.30000	5.1575	0.55508	0.22500	2	0.71	4%	0
006.99	Total sugars, Miscellaneous (%)	2066	3.4050	0.03000	4.1860	0.70576	0.05200	5	-1.11	9%	0
006.99	Total sugars, Miscellaneous (%)	0227	3.4350	0.11000	4.1860	0.70576	0.05200	5	-1.06	9%	0
006.99	Total sugars, Miscellaneous (%)	0720	4.6000	0.02000	4.1860	0.70576	0.05200	5	0.59	5%	0
006.99	Total sugars, Miscellaneous (%)	0723	4.6400	0.00000	4.1860	0.70576	0.05200	5	0.64	5%	0
006.99	Total sugars, Miscellaneous (%)	0956	4.8500	0.10000	4.1860	0.70576	0.05200	5	0.94	8%	0
006.99	Total sugars, Miscellaneous (%)	0226	5.1000	0.60000	4.1860	0.70576	0.05200	5	1.30	11%	1
008.02	Fiber, Acid Detergent (%)	0939	4.3250	0.21000	5.0110	0.45915	0.13818	11	-1.49	7%	0
008.02	Fiber, Acid Detergent (%)	0038	4.5700	0.50000	5.0110	0.45915	0.13818	11	-0.96	4%	0
008.02	Fiber, Acid Detergent (%)	0353	4.5700	0.06000	5.0110	0.45915	0.13818	11	-0.96	4%	0
008.02	Fiber, Acid Detergent (%)	0098	4.7900	0.12000	5.0110	0.45915	0.13818	11	-0.48	2%	0
008.02	Fiber, Acid Detergent (%)	0405	4.9550	0.11000	5.0110	0.45915	0.13818	11	-0.12	1%	0
008.02	Fiber, Acid Detergent (%)	0309	5.0600	0.06000	5.0110	0.45915	0.13818	11	0.11	0%	0
008.02	Fiber, Acid Detergent (%)	0504	5.0850	0.09000	5.0110	0.45915	0.13818	11	0.16	1%	0
008.02	Fiber, Acid Detergent (%)	0148	5.1350	0.05000	5.0110	0.45915	0.13818	11	0.27	1%	0
008.02	Fiber, Acid Detergent (%)	0948	5.1750	0.29000	5.0110	0.45915	0.13818	11	0.36	2%	0
008.02	Fiber, Acid Detergent (%)	0675	6.1650	0.01000	5.0110	0.45915	0.13818	11	2.51	12%	0
008.02	Fiber, Acid Detergent (%)	0609	7.7200	0.02000	5.0110	0.45915	0.13818	11	5.90	27%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	4.7500	0.10000			0.10000	1			
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	3.7950	0.13000	4.9759	0.64310	0.17085	28	-1.84	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0178	3.9650	0.29000	4.9759	0.64310	0.17085	28	-1.57	10%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	4.3100	0.06000	4.9759	0.64310	0.17085	28	-1.04	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	4.3200	0.04000	4.9759	0.64310	0.17085	28	-1.02	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	4.3500	0.10000	4.9759	0.64310	0.17085	28	-0.97	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0723	4.3600	0.00000	4.9759	0.64310	0.17085	28	-0.96	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	4.4000	0.80000	4.9759	0.64310	0.17085	28	-0.90	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	4.4800	0.10000	4.9759	0.64310	0.17085	28	-0.77	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	4.4850	0.09000	4.9759	0.64310	0.17085	28	-0.76	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0033	4.5900	0.20000	4.9759	0.64310	0.17085	28	-0.60	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	4.7000	0.00000	4.9759	0.64310	0.17085	28	-0.43	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	4.7900	0.44000	4.9759	0.64310	0.17085	28	-0.29	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	4.8900	0.00000	4.9759	0.64310	0.17085	28	-0.13	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	5.0600	0.02000	4.9759	0.64310	0.17085	28	0.13	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	5.1500	0.10000	4.9759	0.64310	0.17085	28	0.27	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	5.1550	0.19000	4.9759	0.64310	0.17085	28	0.28	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	5.2000	0.10000	4.9759	0.64310	0.17085	28	0.35	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	5.2800	0.12000	4.9759	0.64310	0.17085	28	0.47	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	5.3638	0.02040	4.9759	0.64310	0.17085	28	0.60	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	5.4150	0.17000	4.9759	0.64310	0.17085	28	0.68	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	5.4500	0.10000	4.9759	0.64310	0.17085	28	0.74	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	5.4984	0.02330	4.9759	0.64310	0.17085	28	0.81	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	5.5000	0.20000	4.9759	0.64310	0.17085	28	0.81	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	5.6100	0.18000	4.9759	0.64310	0.17085	28	0.99	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2052	5.6350	0.61000	4.9759	0.64310	0.17085	28	1.02	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	5.6500	0.10000	4.9759	0.64310	0.17085	28	1.05	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0106	5.7450	0.17000	4.9759	0.64310	0.17085	28	1.20	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	5.9150	0.43000	4.9759	0.64310	0.17085	28	1.46	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	6.7950	1.5300	4.9759	0.64310	0.17085	28	2.83	18%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	4.5000	0.02000			0.02000	1			
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	14.320	0.28000			0.28000	1			
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0038	13.405	0.23000	14.945	1.1739	0.27833	6	-1.31	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	14.200	0.40000	14.945	1.1739	0.27833	6	-0.63	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	14.985	0.05000	14.945	1.1739	0.27833	6	0.03	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	15.085	0.07000	14.945	1.1739	0.27833	6	0.12	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	15.660	0.52000	14.945	1.1739	0.27833	6	0.61	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	16.330	0.40000	14.945	1.1739	0.27833	6	1.18	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	12.550	0.10000	14.070	1.0085	0.32973	30	-1.51	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	12.600	0.14000	14.070	1.0085	0.32973	30	-1.46	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	12.600	0.60000	14.070	1.0085	0.32973	30	-1.46	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	12.945	0.03000	14.070	1.0085	0.32973	30	-1.12	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	13.000	1.0000	14.070	1.0085	0.32973	30	-1.06	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	13.040	0.36000	14.070	1.0085	0.32973	30	-1.02	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	13.115	0.59000	14.070	1.0085	0.32973	30	-0.95	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	13.480	0.10000	14.070	1.0085	0.32973	30	-0.58	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2052	13.550	0.90000	14.070	1.0085	0.32973	30	-0.52	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	13.580	0.46000	14.070	1.0085	0.32973	30	-0.49	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0723	13.770	0.00000	14.070	1.0085	0.32973	30	-0.30	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	13.800	0.00000	14.070	1.0085	0.32973	30	-0.27	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	13.800	0.00000	14.070	1.0085	0.32973	30	-0.27	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	13.935	0.21000	14.070	1.0085	0.32973	30	-0.13	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	14.050	0.70000	14.070	1.0085	0.32973	30	-0.02	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	14.090	0.12000	14.070	1.0085	0.32973	30	0.02	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0106	14.145	0.25000	14.070	1.0085	0.32973	30	0.07	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	14.390	0.24000	14.070	1.0085	0.32973	30	0.32	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	14.450	0.10000	14.070	1.0085	0.32973	30	0.38	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	14.650	0.20000	14.070	1.0085	0.32973	30	0.58	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	14.760	0.20000	14.070	1.0085	0.32973	30	0.68	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	14.810	0.04000	14.070	1.0085	0.32973	30	0.73	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	14.865	0.51000	14.070	1.0085	0.32973	30	0.79	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0592	14.895	0.08000	14.070	1.0085	0.32973	30	0.82	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	14.950	0.10000	14.070	1.0085	0.32973	30	0.87	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	15.000	0.60000	14.070	1.0085	0.32973	30	0.92	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0178	15.135	0.25000	14.070	1.0085	0.32973	30	1.06	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	15.300	0.80000	14.070	1.0085	0.32973	30	1.22	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	15.336	1.0118	14.070	1.0085	0.32973	30	1.26	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	15.490	0.20000	14.070	1.0085	0.32973	30	1.41	5%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	10.925	0.01000			0.01000	1			
010.03	Moisture, Karl-Fischer (%)	0843	9.7050	0.19000	9.8817	0.15948	0.43667	3	-1.11	1%	0
010.03	Moisture, Karl-Fischer (%)	0208	9.9250	0.55000	9.8817	0.15948	0.43667	3	0.27	0%	0
010.03	Moisture, Karl-Fischer (%)	0164	10.015	0.57000	9.8817	0.15948	0.43667	3	0.84	1%	0
010.11	Moisture, NIR (%)	0720	8.8200	0.02000	9.4783	0.80797	0.02333	3	-0.81	3%	0
010.11	Moisture, NIR (%)	0889	9.2350	0.03000	9.4783	0.80797	0.02333	3	-0.30	1%	0
010.11	Moisture, NIR (%)	0885	10.380	0.02000	9.4783	0.80797	0.02333	3	1.12	5%	0
010.99	Moisture, Miscellaneous (%)	0967	8.8100	0.26000	9.7360	0.31950	0.07000	10	-2.90	5%	0
010.99	Moisture, Miscellaneous (%)	0948	9.1850	0.07000	9.7360	0.31950	0.07000	10	-1.72	3%	0
010.99	Moisture, Miscellaneous (%)	0939	9.6000	0.02000	9.7360	0.31950	0.07000	10	-0.43	1%	0
010.99	Moisture, Miscellaneous (%)	0952	9.7150	0.03000	9.7360	0.31950	0.07000	10	-0.07	0%	0
010.99	Moisture, Miscellaneous (%)	0964	9.7150	0.01000	9.7360	0.31950	0.07000	10	-0.07	0%	0
010.99	Moisture, Miscellaneous (%)	2004	9.7200	0.02000	9.7360	0.31950	0.07000	10	-0.05	0%	0
010.99	Moisture, Miscellaneous (%)	0884	9.7800	0.12000	9.7360	0.31950	0.07000	10	0.14	0%	0
010.99	Moisture, Miscellaneous (%)	0921	9.9600	0.00000	9.7360	0.31950	0.07000	10	0.70	1%	0
010.99	Moisture, Miscellaneous (%)	0553	10.580	0.14000	9.7360	0.31950	0.07000	10	2.64	4%	0
010.99	Moisture, Miscellaneous (%)	0405	10.805	0.03000	9.7360	0.31950	0.07000	10	3.35	5%	0
010.99	Moisture, Miscellaneous (%)	0168	8.8200	0.44000	9.7360	0.31950	0.07000	10	-2.87	5%	1
011.01	Loss on Drying, 135°C 2hr (%)	0563	9.7163	0.02390	10.445	0.19338	0.10569	67	-3.77	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	2016	9.8650	0.25000	10.445	0.19338	0.10569	67	-3.00	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	9.8800	0.42000	10.445	0.19338	0.10569	67	-2.92	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	10.030	0.34000	10.445	0.19338	0.10569	67	-2.14	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	10.100	0.20000	10.445	0.19338	0.10569	67	-1.78	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	10.150	0.08000	10.445	0.19338	0.10569	67	-1.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.200	0.04000	10.445	0.19338	0.10569	67	-1.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	10.200	0.06000	10.445	0.19338	0.10569	67	-1.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	10.232	0.11100	10.445	0.19338	0.10569	67	-1.10	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.235	0.11000	10.445	0.19338	0.10569	67	-1.08	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0008	10.280	0.14000	10.445	0.19338	0.10569	67	-0.85	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	10.285	0.05200	10.445	0.19338	0.10569	67	-0.83	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.290	0.02000	10.445	0.19338	0.10569	67	-0.80	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	10.300	0.02000	10.445	0.19338	0.10569	67	-0.75	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	10.306	0.00200	10.445	0.19338	0.10569	67	-0.71	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.315	0.05000	10.445	0.19338	0.10569	67	-0.67	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	10.315	0.07000	10.445	0.19338	0.10569	67	-0.67	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.340	0.04000	10.445	0.19338	0.10569	67	-0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	10.340	0.04000	10.445	0.19338	0.10569	67	-0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	10.345	0.25000	10.445	0.19338	0.10569	67	-0.52	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.350	0.10000	10.445	0.19338	0.10569	67	-0.49	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	10.350	0.10000	10.445	0.19338	0.10569	67	-0.49	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0958	10.375	0.13000	10.445	0.19338	0.10569	67	-0.36	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2067	10.375	0.00400	10.445	0.19338	0.10569	67	-0.36	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	10.380	0.12000	10.445	0.19338	0.10569	67	-0.33	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0658	10.385	0.17050	10.445	0.19338	0.10569	67	-0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	10.395	0.03000	10.445	0.19338	0.10569	67	-0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	10.400	0.40000	10.445	0.19338	0.10569	67	-0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	10.403	0.11600	10.445	0.19338	0.10569	67	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	10.410	0.02000	10.445	0.19338	0.10569	67	-0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.415	0.09000	10.445	0.19338	0.10569	67	-0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0194	10.415	0.03000	10.445	0.19338	0.10569	67	-0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	10.419	0.00300	10.445	0.19338	0.10569	67	-0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	10.420	0.00000	10.445	0.19338	0.10569	67	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	10.425	0.25000	10.445	0.19338	0.10569	67	-0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	10.445	0.01000	10.445	0.19338	0.10569	67	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	10.450	0.10000	10.445	0.19338	0.10569	67	0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	10.465	0.05000	10.445	0.19338	0.10569	67	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	10.475	0.27000	10.445	0.19338	0.10569	67	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.480	0.04000	10.445	0.19338	0.10569	67	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	10.480	0.00000	10.445	0.19338	0.10569	67	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	10.490	0.08000	10.445	0.19338	0.10569	67	0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	10.497	0.01900	10.445	0.19338	0.10569	67	0.27	0%	0

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011.01	Loss on Drying, 135°C 2hr (%)	0596	10.505	0.07000	10.445	0.19338	0.10569	67	0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0913	10.515	0.15000	10.445	0.19338	0.10569	67	0.36	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	10.525	0.01000	10.445	0.19338	0.10569	67	0.42	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.550	0.28000	10.445	0.19338	0.10569	67	0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	10.560	0.00000	10.445	0.19338	0.10569	67	0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	10.570	0.06000	10.445	0.19338	0.10569	67	0.65	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.575	0.07000	10.445	0.19338	0.10569	67	0.67	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	10.595	0.03000	10.445	0.19338	0.10569	67	0.78	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.595	0.09000	10.445	0.19338	0.10569	67	0.78	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.600	0.20000	10.445	0.19338	0.10569	67	0.80	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	10.610	0.12000	10.445	0.19338	0.10569	67	0.86	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	10.620	0.10000	10.445	0.19338	0.10569	67	0.91	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.640	0.04000	10.445	0.19338	0.10569	67	1.01	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.675	0.07000	10.445	0.19338	0.10569	67	1.19	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	10.685	0.03000	10.445	0.19338	0.10569	67	1.24	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.690	0.02000	10.445	0.19338	0.10569	67	1.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	10.720	0.04000	10.445	0.19338	0.10569	67	1.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	10.735	0.09000	10.445	0.19338	0.10569	67	1.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	10.760	0.44000	10.445	0.19338	0.10569	67	1.63	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	10.780	0.30000	10.445	0.19338	0.10569	67	1.73	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0178	10.830	0.08000	10.445	0.19338	0.10569	67	1.99	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	11.115	0.27000	10.445	0.19338	0.10569	67	3.47	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0660	11.165	0.07000	10.445	0.19338	0.10569	67	3.72	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	11.400	0.00000	10.445	0.19338	0.10569	67	4.94	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	9.8200	0.84000	10.445	0.19338	0.10569	67	-3.23	3%	1
011.01	Loss on Drying, 135°C 2hr (%)	0960	9.8700	0.82000	10.445	0.19338	0.10569	67	-2.97	3%	1
011.01	Loss on Drying, 135°C 2hr (%)	0685	7.4750	0.01000	10.445	0.19338	0.10569	67	-15.36	14%	2
011.02	Loss on drying, 130°C for 2 hours (%)	0942	10.500	0.20000	10.555	0.07778	0.12000	2	-0.71	0%	0
011.02	Loss on drying, 130°C for 2 hours (%)	2023	10.610	0.04000	10.555	0.07778	0.12000	2	0.71	0%	0
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0681	9.9150	0.29000			0.29000	1			
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	9.7600	0.16000	10.057	0.26274	0.11333	3	-1.13	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	10.150	0.10000	10.057	0.26274	0.11333	3	0.36	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	10.260	0.08000	10.057	0.26274	0.11333	3	0.77	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	37.590	0.00000	41.078	0.79646	0.26909	11	-4.38	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0682	39.115	0.05000	41.078	0.79646	0.26909	11	-2.47	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0178	40.545	0.65000	41.078	0.79646	0.26909	11	-0.67	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	40.650	0.10000	41.078	0.79646	0.26909	11	-0.54	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	40.900	0.60000	41.078	0.79646	0.26909	11	-0.22	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	41.200	0.20000	41.078	0.79646	0.26909	11	0.15	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	41.600	0.60000	41.078	0.79646	0.26909	11	0.65	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0920	41.610	0.38000	41.078	0.79646	0.26909	11	0.67	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	41.700	0.36000	41.078	0.79646	0.26909	11	0.78	1%	0

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012.00	Starch, Polarimetric (Ewers) (%)	0354	41.740	0.02000	41.078	0.79646	0.26909	11	0.83	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	41.920	0.00000	41.078	0.79646	0.26909	11	1.06	1%	0
012.01	Starch, Megazyme (%)	0918	36.014	0.97900	39.503	3.0169	1.6758	5	-1.16	4%	0
012.01	Starch, Megazyme (%)	0956	36.950	1.9000	39.503	3.0169	1.6758	5	-0.85	3%	0
012.01	Starch, Megazyme (%)	2004	39.650	0.30000	39.503	3.0169	1.6758	5	0.05	0%	0
012.01	Starch, Megazyme (%)	2052	42.050	4.9000	39.503	3.0169	1.6758	5	0.84	3%	0
012.01	Starch, Megazyme (%)	0265	42.850	0.30000	39.503	3.0169	1.6758	5	1.11	4%	0
012.03	Starch, Enzymatic (%)	0297	37.090	0.12000	38.201	0.81337	0.23750	4	-1.37	1%	0
012.03	Starch, Enzymatic (%)	0885	38.180	0.02000	38.201	0.81337	0.23750	4	-0.03	0%	0
012.03	Starch, Enzymatic (%)	0407	38.535	0.01000	38.201	0.81337	0.23750	4	0.41	0%	0
012.03	Starch, Enzymatic (%)	0098	39.000	0.80000	38.201	0.81337	0.23750	4	0.98	1%	0
012.04	Starch, YSI Analyzer (%)	0278	37.650	0.10000	39.506	2.2153	0.26800	5	-0.84	2%	0
012.04	Starch, YSI Analyzer (%)	0510	37.700	0.00000	39.506	2.2153	0.26800	5	-0.82	2%	0
012.04	Starch, YSI Analyzer (%)	0353	39.350	0.26000	39.506	2.2153	0.26800	5	-0.07	0%	0
012.04	Starch, YSI Analyzer (%)	0948	39.740	0.26000	39.506	2.2153	0.26800	5	0.11	0%	0
012.04	Starch, YSI Analyzer (%)	0106	43.090	0.72000	39.506	2.2153	0.26800	5	1.62	5%	0
012.11	Starch, NIR (%)	0297	39.185	0.13000	41.678	2.0535	0.18500	4	-1.21	3%	0
012.11	Starch, NIR (%)	0720	40.910	0.02000	41.678	2.0535	0.18500	4	-0.37	1%	0
012.11	Starch, NIR (%)	0885	42.790	0.10000	41.678	2.0535	0.18500	4	0.54	1%	0
012.11	Starch, NIR (%)	0889	43.825	0.49000	41.678	2.0535	0.18500	4	1.05	3%	0
013.00	Fat, Acid hydrolysis (%)	0297	3.3550	0.03000	3.8742	0.32167	0.15357	14	-1.61	7%	0
013.00	Fat, Acid hydrolysis (%)	0884	3.3750	0.47000	3.8742	0.32167	0.15357	14	-1.55	6%	0
013.00	Fat, Acid hydrolysis (%)	0083	3.6000	0.18000	3.8742	0.32167	0.15357	14	-0.85	4%	0
013.00	Fat, Acid hydrolysis (%)	0504	3.6850	0.03000	3.8742	0.32167	0.15357	14	-0.59	2%	0
013.00	Fat, Acid hydrolysis (%)	2004	3.7000	0.00000	3.8742	0.32167	0.15357	14	-0.54	2%	0
013.00	Fat, Acid hydrolysis (%)	0948	3.7350	0.01000	3.8742	0.32167	0.15357	14	-0.43	2%	0
013.00	Fat, Acid hydrolysis (%)	0229	3.8500	0.30000	3.8742	0.32167	0.15357	14	-0.08	0%	0
013.00	Fat, Acid hydrolysis (%)	0681	3.8750	0.09000	3.8742	0.32167	0.15357	14	0.00	0%	0
013.00	Fat, Acid hydrolysis (%)	2023	4.0000	0.02000	3.8742	0.32167	0.15357	14	0.39	2%	0
013.00	Fat, Acid hydrolysis (%)	0618	4.0250	0.19000	3.8742	0.32167	0.15357	14	0.47	2%	0
013.00	Fat, Acid hydrolysis (%)	0689	4.0500	0.30000	3.8742	0.32167	0.15357	14	0.55	2%	0
013.00	Fat, Acid hydrolysis (%)	0861	4.2700	0.04000	3.8742	0.32167	0.15357	14	1.23	5%	0
013.00	Fat, Acid hydrolysis (%)	0309	4.4200	0.26000	3.8742	0.32167	0.15357	14	1.70	7%	0
013.00	Fat, Acid hydrolysis (%)	0202	4.5750	0.23000	3.8742	0.32167	0.15357	14	2.18	9%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0958	3.4550	0.01000	4.4023	0.33840	0.15143	21	-2.80	11%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2058	3.9400	0.04000	4.4023	0.33840	0.15143	21	-1.37	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	3.9850	0.09000	4.4023	0.33840	0.15143	21	-1.23	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	4.1550	0.19000	4.4023	0.33840	0.15143	21	-0.73	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	4.1600	0.16000	4.4023	0.33840	0.15143	21	-0.72	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	4.1850	0.11000	4.4023	0.33840	0.15143	21	-0.64	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0051	4.1950	0.05000	4.4023	0.33840	0.15143	21	-0.61	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0016	4.2250	0.09000	4.4023	0.33840	0.15143	21	-0.52	2%	0

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013.02	Fat, Mojonnier, Bak Ext (%)	0337	4.3050	0.45000	4.4023	0.33840	0.15143	21	-0.29	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	4.3350	0.01000	4.4023	0.33840	0.15143	21	-0.20	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0960	4.3750	0.67000	4.4023	0.33840	0.15143	21	-0.08	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	4.5000	0.22000	4.4023	0.33840	0.15143	21	0.29	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	4.5350	0.13000	4.4023	0.33840	0.15143	21	0.39	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	4.5400	0.04000	4.4023	0.33840	0.15143	21	0.41	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0003	4.5700	0.02000	4.4023	0.33840	0.15143	21	0.50	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	4.6500	0.24000	4.4023	0.33840	0.15143	21	0.73	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2016	4.6500	0.40000	4.4023	0.33840	0.15143	21	0.73	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	4.7100	0.08000	4.4023	0.33840	0.15143	21	0.91	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	4.8300	0.06000	4.4023	0.33840	0.15143	21	1.26	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	5.0150	0.05000	4.4023	0.33840	0.15143	21	1.81	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	5.7650	0.07000	4.4023	0.33840	0.15143	21	4.03	15%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0008	4.4100	0.78000	4.4023	0.33840	0.15143	21	0.02	0%	1
013.02	Fat, Mojonnier, Bak Ext (%)	0011	12.100	0.00000	4.4023	0.33840	0.15143	21	22.75	87%	2
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	3.0420	0.05000			0.05000	1			
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	3.2750	0.35000	4.1123	0.77309	0.21863	8	-1.08	10%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0033	3.3950	0.17000	4.1123	0.77309	0.21863	8	-0.93	9%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2003	3.7950	0.07000	4.1123	0.77309	0.21863	8	-0.41	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	4.0250	0.01000	4.1123	0.77309	0.21863	8	-0.11	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	4.0950	0.27000	4.1123	0.77309	0.21863	8	-0.02	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0660	4.1250	0.19000	4.1123	0.77309	0.21863	8	0.02	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0968	5.1175	0.38900	4.1123	0.77309	0.21863	8	1.30	12%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	5.3500	0.30000	4.1123	0.77309	0.21863	8	1.60	15%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	3.9250	0.01000	4.2388	0.36856	0.07250	4	-0.85	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	2052	3.9300	0.10000	4.2388	0.36856	0.07250	4	-0.84	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	4.4500	0.10000	4.2388	0.36856	0.07250	4	0.57	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	4.6500	0.08000	4.2388	0.36856	0.07250	4	1.12	5%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	24.000	0.00000	34.318	5.4009	1.0955	6	-1.91	15%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	31.311	0.15300	34.318	5.4009	1.0955	6	-0.56	4%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	32.495	0.35000	34.318	5.4009	1.0955	6	-0.34	3%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	36.700	2.6000	34.318	5.4009	1.0955	6	0.44	3%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0964	37.810	1.6000	34.318	5.4009	1.0955	6	0.65	5%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	40.225	1.8700	34.318	5.4009	1.0955	6	1.09	9%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	43.750	2.1000			2.1000	1			
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	25.000	0.00000	36.514	3.8482	0.76471	7	-2.99	16%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	26.500	1.0000	36.514	3.8482	0.76471	7	-2.60	14%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	2058	35.260	0.72000	36.514	3.8482	0.76471	7	-0.33	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	37.900	0.20000	36.514	3.8482	0.76471	7	0.36	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	38.642	0.68300	36.514	3.8482	0.76471	7	0.55	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	39.065	1.7500	36.514	3.8482	0.76471	7	0.66	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0021	40.500	1.0000	36.514	3.8482	0.76471	7	1.04	5%	0

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015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	33.700	5.4000	36.514	3.8482	0.76471	7	-0.73	4%	1
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0413	40.700	0.48000	40.750	0.07071	0.74000	2	-0.71	0%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	40.800	1.0000	40.750	0.07071	0.74000	2	0.71	0%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	7.6750	0.47000			0.47000	1			
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	7.3000	0.72000	8.3663	2.0562	0.42750	4	-0.52	6%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	7.3200	0.76000	8.3663	2.0562	0.42750	4	-0.51	6%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	7.3950	0.13000	8.3663	2.0562	0.42750	4	-0.47	6%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	11.450	0.10000	8.3663	2.0562	0.42750	4	1.50	18%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	6.5630	1.3319	0.16000	6	-4.93	50%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	3.0000	0.00000	6.5630	1.3319	0.16000	6	-2.68	27%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	6.8250	0.57000	6.5630	1.3319	0.16000	6	0.20	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	6.9500	0.10000	6.5630	1.3319	0.16000	6	0.29	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	7.6500	0.10000	6.5630	1.3319	0.16000	6	0.82	8%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	7.7150	0.19000	6.5630	1.3319	0.16000	6	0.86	9%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0037	10.100	1.6000	6.5630	1.3319	0.16000	6	2.66	27%	1
017.52	Boron, ICP-MS, Open vessel (mg / kg (ppm))	0096	6.6500	0.10000			0.10000	1			
017.53	Boron, ICP-MS, Microwave (mg / kg (ppm))	0413	7.5410	0.24800			0.24800	1			
019.00	Calcium, Ox-Mn04 Vol. (%)	0658	0.64870	0.00020	0.82628	0.06171	0.01157	22	-2.88	11%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	0.75000	0.00000	0.82628	0.06171	0.01157	22	-1.24	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	0.76845	0.00050	0.82628	0.06171	0.01157	22	-0.94	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	0.77500	0.03000	0.82628	0.06171	0.01157	22	-0.83	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2067	0.77750	0.00100	0.82628	0.06171	0.01157	22	-0.79	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	0.77890	0.00000	0.82628	0.06171	0.01157	22	-0.77	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	0.79400	0.00200	0.82628	0.06171	0.01157	22	-0.52	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	0.79500	0.01000	0.82628	0.06171	0.01157	22	-0.51	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	0.79900	0.02000	0.82628	0.06171	0.01157	22	-0.44	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	0.81310	0.01580	0.82628	0.06171	0.01157	22	-0.21	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	0.81510	0.01200	0.82628	0.06171	0.01157	22	-0.18	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2065	0.83000	0.00600	0.82628	0.06171	0.01157	22	0.06	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	0.83500	0.01000	0.82628	0.06171	0.01157	22	0.14	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	0.83500	0.01000	0.82628	0.06171	0.01157	22	0.14	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	0.84500	0.01000	0.82628	0.06171	0.01157	22	0.30	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0891	0.85390	0.01000	0.82628	0.06171	0.01157	22	0.45	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	0.86350	0.00700	0.82628	0.06171	0.01157	22	0.60	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	0.86500	0.01000	0.82628	0.06171	0.01157	22	0.63	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	0.90500	0.01000	0.82628	0.06171	0.01157	22	1.28	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0337	1.0650	0.03000	0.82628	0.06171	0.01157	22	3.87	14%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.1050	0.01000	0.82628	0.06171	0.01157	22	4.52	17%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0646	1.1250	0.05000	0.82628	0.06171	0.01157	22	4.84	18%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.1700	0.10000	0.82628	0.06171	0.01157	22	5.57	21%	1
019.02	Calcium, Hach Method (%)	0536	0.97500	0.01000			0.01000	1			
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	0.86650	0.00160			0.00160	1			



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019.08	Calcium, EDTA (%)	0885	0.82000	0.02000	0.86310	0.04805	0.00550	8	-0.90	2%	0
019.08	Calcium, EDTA (%)	0590	0.82500	0.01000	0.86310	0.04805	0.00550	8	-0.79	2%	0
019.08	Calcium, EDTA (%)	2063	0.82500	0.01000	0.86310	0.04805	0.00550	8	-0.79	2%	0
019.08	Calcium, EDTA (%)	0138	0.85500	0.00400	0.86310	0.04805	0.00550	8	-0.17	0%	0
019.08	Calcium, EDTA (%)	2042	0.86000	0.00000	0.86310	0.04805	0.00550	8	-0.06	0%	0
019.08	Calcium, EDTA (%)	0629	0.87000	0.00000	0.86310	0.04805	0.00550	8	0.14	0%	0
019.08	Calcium, EDTA (%)	0689	0.92000	0.00000	0.86310	0.04805	0.00550	8	1.18	3%	0
019.08	Calcium, EDTA (%)	0852	1.0000	0.00000	0.86310	0.04805	0.00550	8	2.85	8%	0
019.09	Calcium, Ion-selective electrode (%)	2006	0.83650	0.00100			0.00100	1			
019.31	Calcium, AAS, Dry ash (%)	0139	0.71350	0.00900	0.80626	0.03296	0.01346	29	-2.81	6%	0
019.31	Calcium, AAS, Dry ash (%)	0142	0.73000	0.00000	0.80626	0.03296	0.01346	29	-2.31	5%	0
019.31	Calcium, AAS, Dry ash (%)	2067	0.73250	0.00460	0.80626	0.03296	0.01346	29	-2.24	5%	0
019.31	Calcium, AAS, Dry ash (%)	0065	0.75705	0.01210	0.80626	0.03296	0.01346	29	-1.49	3%	0
019.31	Calcium, AAS, Dry ash (%)	0921	0.76200	0.00000	0.80626	0.03296	0.01346	29	-1.34	3%	0
019.31	Calcium, AAS, Dry ash (%)	0563	0.76865	0.00950	0.80626	0.03296	0.01346	29	-1.14	2%	0
019.31	Calcium, AAS, Dry ash (%)	0039	0.77520	0.00720	0.80626	0.03296	0.01346	29	-0.94	2%	0
019.31	Calcium, AAS, Dry ash (%)	0653	0.77950	0.00300	0.80626	0.03296	0.01346	29	-0.81	2%	0
019.31	Calcium, AAS, Dry ash (%)	0596	0.79000	0.04000	0.80626	0.03296	0.01346	29	-0.49	1%	0
019.31	Calcium, AAS, Dry ash (%)	0233	0.79500	0.01000	0.80626	0.03296	0.01346	29	-0.34	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	0.80000	0.00000	0.80626	0.03296	0.01346	29	-0.19	0%	0
019.31	Calcium, AAS, Dry ash (%)	0723	0.80100	0.00000	0.80626	0.03296	0.01346	29	-0.16	0%	0
019.31	Calcium, AAS, Dry ash (%)	0178	0.80150	0.00300	0.80626	0.03296	0.01346	29	-0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0868	0.80500	0.00200	0.80626	0.03296	0.01346	29	-0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	0014	0.81000	0.00600	0.80626	0.03296	0.01346	29	0.11	0%	0
019.31	Calcium, AAS, Dry ash (%)	0152	0.81000	0.02000	0.80626	0.03296	0.01346	29	0.11	0%	0
019.31	Calcium, AAS, Dry ash (%)	0208	0.81250	0.05300	0.80626	0.03296	0.01346	29	0.19	0%	0
019.31	Calcium, AAS, Dry ash (%)	0175	0.81500	0.01000	0.80626	0.03296	0.01346	29	0.27	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	0.81700	0.01000	0.80626	0.03296	0.01346	29	0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	0.81965	0.02090	0.80626	0.03296	0.01346	29	0.41	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	0.82000	0.00000	0.80626	0.03296	0.01346	29	0.42	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	0.82000	0.02000	0.80626	0.03296	0.01346	29	0.42	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	0.83000	0.02000	0.80626	0.03296	0.01346	29	0.72	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	0.83500	0.01000	0.80626	0.03296	0.01346	29	0.87	2%	0
019.31	Calcium, AAS, Dry ash (%)	0354	0.84500	0.01000	0.80626	0.03296	0.01346	29	1.18	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	0.84500	0.01000	0.80626	0.03296	0.01346	29	1.18	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	0.85000	0.00000	0.80626	0.03296	0.01346	29	1.33	3%	0
019.31	Calcium, AAS, Dry ash (%)	0884	0.87500	0.03000	0.80626	0.03296	0.01346	29	2.09	4%	0
019.31	Calcium, AAS, Dry ash (%)	0066	1.0250	0.07000	0.80626	0.03296	0.01346	29	6.64	14%	0
019.31	Calcium, AAS, Dry ash (%)	0108	0.74500	0.09000	0.80626	0.03296	0.01346	29	-1.86	4%	1
019.32	Calcium, AAS, Open vessel (%)	0504	0.80600	0.02800	0.81981	0.01849	0.01330	5	-0.75	1%	0
019.32	Calcium, AAS, Open vessel (%)	0169	0.81000	0.00000	0.81981	0.01849	0.01330	5	-0.53	1%	0
019.32	Calcium, AAS, Open vessel (%)	0609	0.81500	0.01000	0.81981	0.01849	0.01330	5	-0.26	0%	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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019.32	Calcium, AAS, Open vessel (%)	0263	0.81595	0.00090	0.81981	0.01849	0.01330	5	-0.21	0%	0
019.32	Calcium, AAS, Open vessel (%)	0035	0.85210	0.02760	0.81981	0.01849	0.01330	5	1.75	2%	0
019.33	Calcium, AAS, Microwave (%)	0504	0.81600	0.02000			0.02000	1			
019.41	Calcium, ICP, Dry ash (%)	0553	0.72150	0.02300	0.81086	0.04392	0.01638	36	-2.03	6%	0
019.41	Calcium, ICP, Dry ash (%)	0144	0.73000	0.02000	0.81086	0.04392	0.01638	36	-1.84	5%	0
019.41	Calcium, ICP, Dry ash (%)	0300	0.75150	0.01700	0.81086	0.04392	0.01638	36	-1.35	4%	0
019.41	Calcium, ICP, Dry ash (%)	0610	0.75500	0.03000	0.81086	0.04392	0.01638	36	-1.27	3%	0
019.41	Calcium, ICP, Dry ash (%)	0511	0.76000	0.04000	0.81086	0.04392	0.01638	36	-1.16	3%	0
019.41	Calcium, ICP, Dry ash (%)	0520	0.76000	0.04000	0.81086	0.04392	0.01638	36	-1.16	3%	0
019.41	Calcium, ICP, Dry ash (%)	0089	0.77000	0.00000	0.81086	0.04392	0.01638	36	-0.93	3%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.77050	0.00300	0.81086	0.04392	0.01638	36	-0.92	2%	0
019.41	Calcium, ICP, Dry ash (%)	0019	0.77500	0.03000	0.81086	0.04392	0.01638	36	-0.82	2%	0
019.41	Calcium, ICP, Dry ash (%)	0051	0.77855	0.02290	0.81086	0.04392	0.01638	36	-0.74	2%	0
019.41	Calcium, ICP, Dry ash (%)	0074	0.79500	0.03000	0.81086	0.04392	0.01638	36	-0.36	1%	0
019.41	Calcium, ICP, Dry ash (%)	0011	0.79840	0.00760	0.81086	0.04392	0.01638	36	-0.28	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.80000	0.00000	0.81086	0.04392	0.01638	36	-0.25	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	0.81000	0.02000	0.81086	0.04392	0.01638	36	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0164	0.81000	0.02000	0.81086	0.04392	0.01638	36	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	0.81000	0.02000	0.81086	0.04392	0.01638	36	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0298	0.81000	0.02000	0.81086	0.04392	0.01638	36	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0682	0.81000	0.00000	0.81086	0.04392	0.01638	36	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0848	0.81000	0.00000	0.81086	0.04392	0.01638	36	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0512	0.81255	0.02690	0.81086	0.04392	0.01638	36	0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0004	0.81500	0.01000	0.81086	0.04392	0.01638	36	0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	0.81600	0.00400	0.81086	0.04392	0.01638	36	0.12	0%	0
019.41	Calcium, ICP, Dry ash (%)	0083	0.82000	0.02000	0.81086	0.04392	0.01638	36	0.21	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	0.82000	0.04000	0.81086	0.04392	0.01638	36	0.21	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	0.83000	0.00000	0.81086	0.04392	0.01638	36	0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0003	0.83500	0.01000	0.81086	0.04392	0.01638	36	0.55	1%	0
019.41	Calcium, ICP, Dry ash (%)	0964	0.83545	0.01170	0.81086	0.04392	0.01638	36	0.56	2%	0
019.41	Calcium, ICP, Dry ash (%)	0878	0.84000	0.02000	0.81086	0.04392	0.01638	36	0.66	2%	0
019.41	Calcium, ICP, Dry ash (%)	0413	0.84000	0.06000	0.81086	0.04392	0.01638	36	0.66	2%	0
019.41	Calcium, ICP, Dry ash (%)	0208	0.84950	0.02700	0.81086	0.04392	0.01638	36	0.88	2%	0
019.41	Calcium, ICP, Dry ash (%)	2023	0.85000	0.00600	0.81086	0.04392	0.01638	36	0.89	2%	0
019.41	Calcium, ICP, Dry ash (%)	0405	0.86000	0.00000	0.81086	0.04392	0.01638	36	1.12	3%	0
019.41	Calcium, ICP, Dry ash (%)	0619	0.87350	0.00700	0.81086	0.04392	0.01638	36	1.43	4%	0
019.41	Calcium, ICP, Dry ash (%)	0226	0.89000	0.00000	0.81086	0.04392	0.01638	36	1.80	5%	0
019.41	Calcium, ICP, Dry ash (%)	0598	0.89640	0.00360	0.81086	0.04392	0.01638	36	1.95	5%	0
019.41	Calcium, ICP, Dry ash (%)	0100	0.92000	0.00000	0.81086	0.04392	0.01638	36	2.48	7%	0
019.42	Calcium, ICP, Open vessel (%)	0035	0.78130	0.00300	0.82764	0.03595	0.01302	19	-1.29	3%	0
019.42	Calcium, ICP, Open vessel (%)	0186	0.78140	0.00620	0.82764	0.03595	0.01302	19	-1.29	3%	0
019.42	Calcium, ICP, Open vessel (%)	0265	0.79000	0.04000	0.82764	0.03595	0.01302	19	-1.05	2%	0

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019.42	Calcium, ICP, Open vessel (%)	0205	0.79150	0.01900	0.82764	0.03595	0.01302	19	-1.01	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	0.80750	0.01100	0.82764	0.03595	0.01302	19	-0.56	1%	0
019.42	Calcium, ICP, Open vessel (%)	0096	0.81000	0.00000	0.82764	0.03595	0.01302	19	-0.49	1%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.81000	0.00000	0.82764	0.03595	0.01302	19	-0.49	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	0.81200	0.00600	0.82764	0.03595	0.01302	19	-0.44	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	0.81965	0.02170	0.82764	0.03595	0.01302	19	-0.22	0%	0
019.42	Calcium, ICP, Open vessel (%)	0106	0.82000	0.02000	0.82764	0.03595	0.01302	19	-0.21	0%	0
019.42	Calcium, ICP, Open vessel (%)	0202	0.83000	0.02000	0.82764	0.03595	0.01302	19	0.07	0%	0
019.42	Calcium, ICP, Open vessel (%)	0692	0.83500	0.01000	0.82764	0.03595	0.01302	19	0.20	0%	0
019.42	Calcium, ICP, Open vessel (%)	0294	0.84500	0.01000	0.82764	0.03595	0.01302	19	0.48	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	0.84500	0.03000	0.82764	0.03595	0.01302	19	0.48	1%	0
019.42	Calcium, ICP, Open vessel (%)	0726	0.85555	0.00050	0.82764	0.03595	0.01302	19	0.78	2%	0
019.42	Calcium, ICP, Open vessel (%)	0190	0.86500	0.01000	0.82764	0.03595	0.01302	19	1.04	2%	0
019.42	Calcium, ICP, Open vessel (%)	0278	0.87500	0.01000	0.82764	0.03595	0.01302	19	1.32	3%	0
019.42	Calcium, ICP, Open vessel (%)	0042	0.88100	0.02000	0.82764	0.03595	0.01302	19	1.48	3%	0
019.42	Calcium, ICP, Open vessel (%)	2053	0.93500	0.01000	0.82764	0.03595	0.01302	19	2.99	6%	0
019.43	Calcium, ICP, Microwave (%)	0036	0.68830	0.01340	0.81181	0.05712	0.02039	23	-2.16	8%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.70500	0.01000	0.81181	0.05712	0.02039	23	-1.87	7%	0
019.43	Calcium, ICP, Microwave (%)	2052	0.73700	0.00600	0.81181	0.05712	0.02039	23	-1.31	5%	0
019.43	Calcium, ICP, Microwave (%)	2055	0.74350	0.06100	0.81181	0.05712	0.02039	23	-1.20	4%	0
019.43	Calcium, ICP, Microwave (%)	0038	0.74400	0.04400	0.81181	0.05712	0.02039	23	-1.19	4%	0
019.43	Calcium, ICP, Microwave (%)	0043	0.74500	0.01000	0.81181	0.05712	0.02039	23	-1.17	4%	0
019.43	Calcium, ICP, Microwave (%)	2058	0.77000	0.02000	0.81181	0.05712	0.02039	23	-0.73	3%	0
019.43	Calcium, ICP, Microwave (%)	0297	0.79500	0.01000	0.81181	0.05712	0.02039	23	-0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0199	0.80000	0.00000	0.81181	0.05712	0.02039	23	-0.21	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	0.81000	0.00000	0.81181	0.05712	0.02039	23	-0.03	0%	0
019.43	Calcium, ICP, Microwave (%)	0918	0.81900	0.07400	0.81181	0.05712	0.02039	23	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0168	0.82000	0.06000	0.81181	0.05712	0.02039	23	0.14	1%	0
019.43	Calcium, ICP, Microwave (%)	0008	0.82500	0.00400	0.81181	0.05712	0.02039	23	0.23	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	0.82500	0.01000	0.81181	0.05712	0.02039	23	0.23	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	0.83450	0.02100	0.81181	0.05712	0.02039	23	0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	0.84500	0.02600	0.81181	0.05712	0.02039	23	0.58	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.84500	0.01000	0.81181	0.05712	0.02039	23	0.58	2%	0
019.43	Calcium, ICP, Microwave (%)	0037	0.85000	0.00000	0.81181	0.05712	0.02039	23	0.67	2%	0
019.43	Calcium, ICP, Microwave (%)	0017	0.85500	0.05000	0.81181	0.05712	0.02039	23	0.76	3%	0
019.43	Calcium, ICP, Microwave (%)	0968	0.86950	0.00300	0.81181	0.05712	0.02039	23	1.01	4%	0
019.43	Calcium, ICP, Microwave (%)	0353	0.87500	0.03000	0.81181	0.05712	0.02039	23	1.11	4%	0
019.43	Calcium, ICP, Microwave (%)	0629	0.88000	0.00000	0.81181	0.05712	0.02039	23	1.19	4%	0
019.43	Calcium, ICP, Microwave (%)	0964	0.89475	0.00650	0.81181	0.05712	0.02039	23	1.45	5%	0
019.43	Calcium, ICP, Microwave (%)	0018	0.93850	0.12300	0.81181	0.05712	0.02039	23	2.22	8%	1
019.44	Calcium, ICP, Dry ash (%)	2004	0.82600	0.01000	0.90333	0.06704	0.03200	3	-1.15	4%	0
019.44	Calcium, ICP, Dry ash (%)	0955	0.93900	0.07600	0.90333	0.06704	0.03200	3	0.53	2%	0

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019.44	Calcium, ICP, Dry ash (%)	0685	0.94500	0.01000	0.90333	0.06704	0.03200	3	0.62	2%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0016	0.77150	0.00100	0.83034	0.07997	0.01923	4	-0.74	4%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.77985	0.01590	0.83034	0.07997	0.01923	4	-0.63	3%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0096	0.82500	0.03000	0.83034	0.07997	0.01923	4	-0.07	0%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.94500	0.03000	0.83034	0.07997	0.01923	4	1.43	7%	0
019.53	Calcium, ICP-MS, Microwave (%)	2055	0.66400	0.10800	0.80130	0.12141	0.05493	3	-1.13	9%	0
019.53	Calcium, ICP-MS, Microwave (%)	0572	0.84540	0.02580	0.80130	0.12141	0.05493	3	0.36	3%	0
019.53	Calcium, ICP-MS, Microwave (%)	0413	0.89450	0.03100	0.80130	0.12141	0.05493	3	0.77	6%	0
019.99	Calcium, Miscellaneous (%)	2006	0.66550	0.01300	0.81724	0.16524	0.02828	4	-0.92	9%	0
019.99	Calcium, Miscellaneous (%)	0242	0.75000	0.00000	0.81724	0.16524	0.02828	4	-0.41	4%	0
019.99	Calcium, Miscellaneous (%)	0889	0.80345	0.00010	0.81724	0.16524	0.02828	4	-0.08	1%	0
019.99	Calcium, Miscellaneous (%)	0852	1.0500	0.10000	0.81724	0.16524	0.02828	4	1.41	14%	0
021.00	Cobalt, Color (mg / kg (ppm))	0693	0.21500	0.41000			0.41000	1			
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	0.00000	0.00000			0.00000	1			
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	0.34850	0.06600	0.41260	0.09065	0.05980	2	-0.71	8%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0964	0.47670	0.05360	0.41260	0.09065	0.05980	2	0.71	8%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	0.28450	0.09100			0.09100	1			
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	0.43599	0.11985	0.03081	7	-3.64	50%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	0.30500	0.01000	0.43599	0.11985	0.03081	7	-1.09	15%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	0.45000	0.10000	0.43599	0.11985	0.03081	7	0.12	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	0.45115	0.00570	0.43599	0.11985	0.03081	7	0.13	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0003	0.50000	0.04000	0.43599	0.11985	0.03081	7	0.53	7%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	0.53000	0.06000	0.43599	0.11985	0.03081	7	0.78	11%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	0.54000	0.00000	0.43599	0.11985	0.03081	7	0.87	12%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.21500	0.01000	0.26875	0.07601	0.02750	2	-0.71	10%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0098	0.32250	0.04500	0.26875	0.07601	0.02750	2	0.71	10%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	2055	0.29600	0.01000	0.40817	0.07466	0.04074	5	-1.50	14%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.40235	0.10870	0.40817	0.07466	0.04074	5	-0.08	1%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0413	0.41250	0.01900	0.40817	0.07466	0.04074	5	0.06	1%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	0.42500	0.05600	0.40817	0.07466	0.04074	5	0.23	2%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	0.50500	0.01000	0.40817	0.07466	0.04074	5	1.30	12%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	10.920	0.32000	13.000	1.1024	0.39286	14	-1.89	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0921	11.770	0.00000	13.000	1.1024	0.39286	14	-1.12	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0178	12.150	1.1000	13.000	1.1024	0.39286	14	-0.77	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	12.210	0.28000	13.000	1.1024	0.39286	14	-0.72	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	12.500	1.0000	13.000	1.1024	0.39286	14	-0.45	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	12.700	0.00000	13.000	1.1024	0.39286	14	-0.27	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	12.800	0.40000	13.000	1.1024	0.39286	14	-0.18	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	13.115	0.33000	13.000	1.1024	0.39286	14	0.10	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	13.250	0.10000	13.000	1.1024	0.39286	14	0.23	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	13.450	0.30000	13.000	1.1024	0.39286	14	0.41	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0596	13.760	0.72000	13.000	1.1024	0.39286	14	0.69	3%	0

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022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0674	13.955	0.57000	13.000	1.1024	0.39286	14	0.87	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0884	14.350	0.30000	13.000	1.1024	0.39286	14	1.22	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0653	14.650	0.08000	13.000	1.1024	0.39286	14	1.50	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	24.000	2.4000	13.000	1.1024	0.39286	14	9.98	42%	1
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	13.790	1.8000	14.485	0.68937	1.1500	4	-1.01	2%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	14.000	2.0000	14.485	0.68937	1.1500	4	-0.70	2%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	15.000	0.00000	14.485	0.68937	1.1500	4	0.75	2%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	15.150	0.80000	14.485	0.68937	1.1500	4	0.96	2%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	11.934	4.2930	13.664	2.4477	2.5915	2	-0.71	6%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	15.395	0.89000	13.664	2.4477	2.5915	2	0.71	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	11.700	1.1400	13.312	1.2678	0.78769	26	-1.27	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	12.000	0.00000	13.312	1.2678	0.78769	26	-1.03	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	12.000	2.0000	13.312	1.2678	0.78769	26	-1.03	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	12.150	0.10000	13.312	1.2678	0.78769	26	-0.92	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0553	12.300	1.0000	13.312	1.2678	0.78769	26	-0.80	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	12.350	0.70000	13.312	1.2678	0.78769	26	-0.76	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	12.400	0.20000	13.312	1.2678	0.78769	26	-0.72	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0964	12.410	0.04000	13.312	1.2678	0.78769	26	-0.71	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	12.500	1.0000	13.312	1.2678	0.78769	26	-0.64	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0100	12.500	1.0000	13.312	1.2678	0.78769	26	-0.64	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	12.500	1.0000	13.312	1.2678	0.78769	26	-0.64	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0051	12.535	0.39000	13.312	1.2678	0.78769	26	-0.61	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	12.715	0.03000	13.312	1.2678	0.78769	26	-0.47	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	13.325	1.4700	13.312	1.2678	0.78769	26	0.01	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	13.500	1.0000	13.312	1.2678	0.78769	26	0.15	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	13.500	1.0000	13.312	1.2678	0.78769	26	0.15	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	13.550	1.5000	13.312	1.2678	0.78769	26	0.19	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	14.450	2.1000	13.312	1.2678	0.78769	26	0.90	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	14.500	1.0000	13.312	1.2678	0.78769	26	0.94	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	14.500	1.0000	13.312	1.2678	0.78769	26	0.94	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	14.795	0.55000	13.312	1.2678	0.78769	26	1.17	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	14.850	0.10000	13.312	1.2678	0.78769	26	1.21	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	15.000	0.00000	13.312	1.2678	0.78769	26	1.33	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	15.920	0.16000	13.312	1.2678	0.78769	26	2.06	10%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0610	16.500	1.0000	13.312	1.2678	0.78769	26	2.51	12%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	19.500	1.0000	13.312	1.2678	0.78769	26	4.88	23%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	14.213	4.0150	13.312	1.2678	0.78769	26	0.71	3%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	10.250	0.50000	13.666	1.2177	0.47400	15	-2.81	12%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	12.285	0.03000	13.666	1.2177	0.47400	15	-1.13	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	12.500	0.80000	13.666	1.2177	0.47400	15	-0.96	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	12.690	0.46000	13.666	1.2177	0.47400	15	-0.80	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	13.000	0.00000	13.666	1.2177	0.47400	15	-0.55	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	13.200	0.40000	13.666	1.2177	0.47400	15	-0.38	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0096	13.500	1.0000	13.666	1.2177	0.47400	15	-0.14	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	13.910	1.5000	13.666	1.2177	0.47400	15	0.20	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	14.000	0.00000	13.666	1.2177	0.47400	15	0.27	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	14.000	0.20000	13.666	1.2177	0.47400	15	0.27	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	14.000	0.00000	13.666	1.2177	0.47400	15	0.27	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	14.500	1.4000	13.666	1.2177	0.47400	15	0.68	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0106	15.000	0.10000	13.666	1.2177	0.47400	15	1.10	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	15.030	0.02000	13.666	1.2177	0.47400	15	1.12	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	15.650	0.70000	13.666	1.2177	0.47400	15	1.63	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	16.960	2.6800	13.666	1.2177	0.47400	15	2.70	12%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0037	10.750	2.9000	12.653	0.93879	0.64056	18	-2.03	8%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	11.750	0.10000	12.653	0.93879	0.64056	18	-0.96	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	11.850	0.70000	12.653	0.93879	0.64056	18	-0.86	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	11.970	1.4800	12.653	0.93879	0.64056	18	-0.73	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	12.000	0.00000	12.653	0.93879	0.64056	18	-0.70	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	12.000	0.00000	12.653	0.93879	0.64056	18	-0.70	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	12.035	0.19000	12.653	0.93879	0.64056	18	-0.66	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	12.300	0.40000	12.653	0.93879	0.64056	18	-0.38	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	12.595	0.33000	12.653	0.93879	0.64056	18	-0.06	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	12.600	0.00000	12.653	0.93879	0.64056	18	-0.06	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0008	12.800	0.20000	12.653	0.93879	0.64056	18	0.16	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	13.000	0.00000	12.653	0.93879	0.64056	18	0.37	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	13.000	0.00000	12.653	0.93879	0.64056	18	0.37	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	13.095	0.09000	12.653	0.93879	0.64056	18	0.47	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	13.710	0.70000	12.653	0.93879	0.64056	18	1.13	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2058	14.120	0.44000	12.653	0.93879	0.64056	18	1.56	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2052	14.350	1.5000	12.653	0.93879	0.64056	18	1.81	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	25.250	2.5000	12.653	0.93879	0.64056	18	13.42	50%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	13.300	0.20000	13.425	0.17678	0.45000	2	-0.71	0%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0955	13.550	0.70000	13.425	0.17678	0.45000	2	0.71	0%	0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0096	12.500	1.0000			1.0000	1			
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	11.450	0.10000	12.176	0.69400	0.46400	5	-1.05	3%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	11.500	1.0000	12.176	0.69400	0.46400	5	-0.97	3%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	12.400	0.40000	12.176	0.69400	0.46400	5	0.32	1%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	12.450	0.70000	12.176	0.69400	0.46400	5	0.39	1%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0413	13.080	0.12000	12.176	0.69400	0.46400	5	1.30	4%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	10.500	1.0000			1.0000	1			
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	150.00	4.0000	173.33	13.636	3.6287	15	-1.71	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0178	154.45	1.3000	173.33	13.636	3.6287	15	-1.38	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	161.50	1.0000	173.33	13.636	3.6287	15	-0.87	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	162.00	0.00000	173.33	13.636	3.6287	15	-0.83	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	166.00	4.0000	173.33	13.636	3.6287	15	-0.54	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	168.84	0.89000	173.33	13.636	3.6287	15	-0.33	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	169.00	0.00000	173.33	13.636	3.6287	15	-0.32	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	173.99	1.5000	173.33	13.636	3.6287	15	0.05	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	176.00	0.00000	173.33	13.636	3.6287	15	0.20	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	177.00	10.000	173.33	13.636	3.6287	15	0.27	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	178.00	6.0000	173.33	13.636	3.6287	15	0.34	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	181.10	10.200	173.33	13.636	3.6287	15	0.57	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	190.50	1.0000	173.33	13.636	3.6287	15	1.26	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0596	194.09	9.4300	173.33	13.636	3.6287	15	1.52	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	196.27	5.1100	173.33	13.636	3.6287	15	1.68	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0884	201.75	29.500	173.33	13.636	3.6287	15	2.08	8%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	117.50	5.0000	171.08	37.006	4.1475	4	-1.45	16%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	176.40	4.2000	171.08	37.006	4.1475	4	0.14	2%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	190.50	1.4000	171.08	37.006	4.1475	4	0.52	6%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0337	199.93	5.9900	171.08	37.006	4.1475	4	0.78	8%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	148.35	18.100	160.56	17.264	9.3950	2	-0.71	4%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	172.77	0.69000	160.56	17.264	9.3950	2	0.71	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0955	138.50	3.0000	172.03	9.3188	5.9364	28	-3.60	10%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	153.50	3.0000	172.03	9.3188	5.9364	28	-1.99	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	157.50	1.0000	172.03	9.3188	5.9364	28	-1.56	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0553	157.50	3.0000	172.03	9.3188	5.9364	28	-1.56	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0051	160.00	2.0000	172.03	9.3188	5.9364	28	-1.29	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	160.40	3.0000	172.03	9.3188	5.9364	28	-1.25	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	167.00	6.0000	172.03	9.3188	5.9364	28	-0.54	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	167.00	4.0000	172.03	9.3188	5.9364	28	-0.54	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	168.50	15.000	172.03	9.3188	5.9364	28	-0.38	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0004	169.00	4.0000	172.03	9.3188	5.9364	28	-0.32	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	169.00	2.0000	172.03	9.3188	5.9364	28	-0.32	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	169.49	3.0400	172.03	9.3188	5.9364	28	-0.27	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	170.33	2.5600	172.03	9.3188	5.9364	28	-0.18	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	173.00	10.000	172.03	9.3188	5.9364	28	0.10	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	173.00	6.0000	172.03	9.3188	5.9364	28	0.10	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	174.50	3.0000	172.03	9.3188	5.9364	28	0.27	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	175.00	10.000	172.03	9.3188	5.9364	28	0.32	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	175.45	2.5000	172.03	9.3188	5.9364	28	0.37	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	176.10	1.8000	172.03	9.3188	5.9364	28	0.44	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	178.00	2.0000	172.03	9.3188	5.9364	28	0.64	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	178.32	16.720	172.03	9.3188	5.9364	28	0.68	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0964	178.85	15.900	172.03	9.3188	5.9364	28	0.73	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0100	179.50	5.0000	172.03	9.3188	5.9364	28	0.80	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	180.35	18.500	172.03	9.3188	5.9364	28	0.89	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	181.30	8.0000	172.03	9.3188	5.9364	28	0.99	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	181.40	4.2000	172.03	9.3188	5.9364	28	1.01	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	197.00	2.0000	172.03	9.3188	5.9364	28	2.68	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	213.50	9.0000	172.03	9.3188	5.9364	28	4.45	12%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0096	160.00	0.00000	179.11	14.040	5.1559	15	-1.36	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0106	163.00	16.000	179.11	14.040	5.1559	15	-1.15	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	166.00	4.0000	179.11	14.040	5.1559	15	-0.93	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	168.00	12.000	179.11	14.040	5.1559	15	-0.79	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	168.00	2.0000	179.11	14.040	5.1559	15	-0.79	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	175.50	1.0000	179.11	14.040	5.1559	15	-0.26	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	176.00	6.0000	179.11	14.040	5.1559	15	-0.22	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	179.50	11.000	179.11	14.040	5.1559	15	0.03	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	182.50	1.0000	179.11	14.040	5.1559	15	0.24	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	184.95	14.900	179.11	14.040	5.1559	15	0.42	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	186.10	4.6000	179.11	14.040	5.1559	15	0.50	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	188.79	0.55000	179.11	14.040	5.1559	15	0.69	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	193.64	0.28900	179.11	14.040	5.1559	15	1.04	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	194.50	3.0000	179.11	14.040	5.1559	15	1.10	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	201.50	1.0000	179.11	14.040	5.1559	15	1.59	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	138.00	0.00000	170.65	13.065	4.5445	20	-2.50	10%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	147.00	2.0000	170.65	13.065	4.5445	20	-1.81	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	153.00	6.0000	170.65	13.065	4.5445	20	-1.35	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	160.00	2.0000	170.65	13.065	4.5445	20	-0.82	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	162.50	1.0000	170.65	13.065	4.5445	20	-0.62	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	164.55	0.30000	170.65	13.065	4.5445	20	-0.47	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	166.50	1.0000	170.65	13.065	4.5445	20	-0.32	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0037	168.50	2.4000	170.65	13.065	4.5445	20	-0.16	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	169.00	0.00000	170.65	13.065	4.5445	20	-0.13	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2052	169.00	12.000	170.65	13.065	4.5445	20	-0.13	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	169.20	0.00000	170.65	13.065	4.5445	20	-0.11	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0168	170.00	20.000	170.65	13.065	4.5445	20	-0.05	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	172.50	5.0000	170.65	13.065	4.5445	20	0.14	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0008	176.50	9.0000	170.65	13.065	4.5445	20	0.45	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	177.00	8.0000	170.65	13.065	4.5445	20	0.49	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	189.53	0.14000	170.65	13.065	4.5445	20	1.45	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2058	192.26	3.5600	170.65	13.065	4.5445	20	1.65	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0033	194.50	3.0000	170.65	13.065	4.5445	20	1.83	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	223.50	8.8000	170.65	13.065	4.5445	20	4.05	15%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	289.95	6.6900	170.65	13.065	4.5445	20	9.13	35%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	156.60	23.200	170.65	13.065	4.5445	20	-1.08	4%	1
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	163.30	5.8000			5.8000	1			
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2055	121.00	4.0000	152.59	27.597	7.7500	3	-1.14	10%	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	Rob SD	R-bar	# Labs			
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0413	164.78	11.250	152.59	27.597	7.7500	3	0.44	4%	0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0199	172.00	8.0000	152.59	27.597	7.7500	3	0.70	6%	0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	159.50	1.0000			1.0000	1			
027.31	Magnesium, AAS, Dry ash (%)	0596	0.21500	0.01000	0.22630	0.00919	0.00624	12	-1.23	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.21650	0.00100	0.22630	0.00919	0.00624	12	-1.07	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0065	0.21960	0.00120	0.22630	0.00919	0.00624	12	-0.73	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.22000	0.00000	0.22630	0.00919	0.00624	12	-0.69	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.22400	0.00800	0.22630	0.00919	0.00624	12	-0.25	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.22500	0.01000	0.22630	0.00919	0.00624	12	-0.14	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.22655	0.00150	0.22630	0.00919	0.00624	12	0.03	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0139	0.22785	0.00510	0.22630	0.00919	0.00624	12	0.17	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.22800	0.01200	0.22630	0.00919	0.00624	12	0.18	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.23500	0.01000	0.22630	0.00919	0.00624	12	0.95	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.23950	0.00500	0.22630	0.00919	0.00624	12	1.44	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.24015	0.01110	0.22630	0.00919	0.00624	12	1.51	3%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.22000	0.02000	0.23495	0.01072	0.00578	5	-1.39	3%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.23350	0.00700	0.23495	0.01072	0.00578	5	-0.14	0%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.23375	0.00170	0.23495	0.01072	0.00578	5	-0.11	0%	0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.23750	0.00020	0.23495	0.01072	0.00578	5	0.24	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.25000	0.00000	0.23495	0.01072	0.00578	5	1.40	3%	0
027.33	Magnesium, AAS, Microwave (%)	0504	0.21450	0.00100	0.23475	0.02864	0.00550	2	-0.71	4%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.25500	0.01000	0.23475	0.02864	0.00550	2	0.71	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0553	0.20950	0.00100	0.23551	0.00868	0.00386	23	-3.00	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.22000	0.00000	0.23551	0.00868	0.00386	23	-1.79	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.22050	0.00500	0.23551	0.00868	0.00386	23	-1.73	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.22250	0.00500	0.23551	0.00868	0.00386	23	-1.50	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.22305	0.00370	0.23551	0.00868	0.00386	23	-1.44	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.23000	0.00000	0.23551	0.00868	0.00386	23	-0.64	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.23050	0.00500	0.23551	0.00868	0.00386	23	-0.58	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.23300	0.00200	0.23551	0.00868	0.00386	23	-0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.23350	0.00100	0.23551	0.00868	0.00386	23	-0.23	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.23410	0.00200	0.23551	0.00868	0.00386	23	-0.16	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.23500	0.00800	0.23551	0.00868	0.00386	23	-0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0964	0.23570	0.00980	0.23551	0.00868	0.00386	23	0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.23960	0.00320	0.23551	0.00868	0.00386	23	0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.24000	0.00000	0.23551	0.00868	0.00386	23	0.52	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.24000	0.00000	0.23551	0.00868	0.00386	23	0.52	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.24000	0.00000	0.23551	0.00868	0.00386	23	0.52	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.24000	0.00000	0.23551	0.00868	0.00386	23	0.52	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2023	0.24000	0.00200	0.23551	0.00868	0.00386	23	0.52	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.24250	0.00100	0.23551	0.00868	0.00386	23	0.80	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.24500	0.01000	0.23551	0.00868	0.00386	23	1.09	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	Rob SD	R-bar	# Labs			
027.41	Magnesium, ICP, Dry ash (%)	0520	0.24500	0.01000	0.23551	0.00868	0.00386	23	1.09	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.24500	0.01000	0.23551	0.00868	0.00386	23	1.09	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0100	0.26500	0.01000	0.23551	0.00868	0.00386	23	3.40	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.27000	0.02000	0.23551	0.00868	0.00386	23	3.97	7%	1
027.42	Magnesium, ICP, Open vessel (%)	0265	0.22000	0.02000	0.23483	0.00933	0.00583	14	-1.59	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.22230	0.00540	0.23483	0.00933	0.00583	14	-1.34	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0096	0.22500	0.01000	0.23483	0.00933	0.00583	14	-1.05	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.23000	0.00000	0.23483	0.00933	0.00583	14	-0.52	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.23020	0.00720	0.23483	0.00933	0.00583	14	-0.50	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.23250	0.00700	0.23483	0.00933	0.00583	14	-0.25	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.23450	0.00100	0.23483	0.00933	0.00583	14	-0.04	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0106	0.23500	0.01000	0.23483	0.00933	0.00583	14	0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.23500	0.01000	0.23483	0.00933	0.00583	14	0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.24000	0.00000	0.23483	0.00933	0.00583	14	0.55	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.24000	0.00000	0.23483	0.00933	0.00583	14	0.55	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.24950	0.00100	0.23483	0.00933	0.00583	14	1.57	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.25000	0.00000	0.23483	0.00933	0.00583	14	1.63	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.26500	0.01000	0.23483	0.00933	0.00583	14	3.23	6%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.20000	0.00000	0.22791	0.01677	0.00617	18	-1.66	6%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.21000	0.00000	0.22791	0.01677	0.00617	18	-1.07	4%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.21000	0.00000	0.22791	0.01677	0.00617	18	-1.07	4%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.21500	0.01000	0.22791	0.01677	0.00617	18	-0.77	3%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.21500	0.01000	0.22791	0.01677	0.00617	18	-0.77	3%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.21550	0.00100	0.22791	0.01677	0.00617	18	-0.74	3%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.21900	0.02600	0.22791	0.01677	0.00617	18	-0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	0008	0.22950	0.00500	0.22791	0.01677	0.00617	18	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0037	0.23000	0.00000	0.22791	0.01677	0.00617	18	0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.23000	0.00000	0.22791	0.01677	0.00617	18	0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	2058	0.23000	0.00000	0.22791	0.01677	0.00617	18	0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.23050	0.00500	0.22791	0.01677	0.00617	18	0.15	1%	0
027.43	Magnesium, ICP, Microwave (%)	2052	0.23500	0.00400	0.22791	0.01677	0.00617	18	0.42	2%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.23850	0.00300	0.22791	0.01677	0.00617	18	0.63	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.24000	0.00000	0.22791	0.01677	0.00617	18	0.72	3%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.24850	0.00300	0.22791	0.01677	0.00617	18	1.23	5%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.25000	0.02000	0.22791	0.01677	0.00617	18	1.32	5%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.25740	0.02400	0.22791	0.01677	0.00617	18	1.76	6%	0
027.44	Magnesium, ICP, Dry ash (%)	0300	0.22150	0.00100	0.22225	0.00106	0.00250	2	-0.71	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.22300	0.00400	0.22225	0.00106	0.00250	2	0.71	0%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.23225	0.00430	0.23613	0.00548	0.00215	2	-0.71	1%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0096	0.24000	0.00000	0.23613	0.00548	0.00215	2	0.71	1%	0
027.53	Magnesium, ICP-MS, Microwave (%)	2055	0.20800	0.00400	0.22432	0.01498	0.00430	3	-1.09	4%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0413	0.22750	0.00100	0.22432	0.01498	0.00430	3	0.21	1%	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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027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.23745	0.00790	0.22432	0.01498	0.00430	3	0.88	3%	0
027.99	Magnesium, Miscellaneous (%)	0889	0.16735	0.00130	0.19868	0.04430	0.00065	2	-0.71	8%	0
027.99	Magnesium, Miscellaneous (%)	0242	0.23000	0.00000	0.19868	0.04430	0.00065	2	0.71	8%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0178	137.20	3.6000	164.46	12.860	4.0256	16	-2.12	8%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	144.00	8.0000	164.46	12.860	4.0256	16	-1.59	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	150.50	3.0000	164.46	12.860	4.0256	16	-1.09	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	150.50	9.0000	164.46	12.860	4.0256	16	-1.09	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0596	152.75	11.930	164.46	12.860	4.0256	16	-0.91	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0921	158.55	0.00000	164.46	12.860	4.0256	16	-0.46	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	163.00	2.0000	164.46	12.860	4.0256	16	-0.11	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	167.00	4.0000	164.46	12.860	4.0256	16	0.20	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	168.75	1.5000	164.46	12.860	4.0256	16	0.33	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	170.63	0.99000	164.46	12.860	4.0256	16	0.48	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	172.00	14.000	164.46	12.860	4.0256	16	0.59	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	172.00	0.00000	164.46	12.860	4.0256	16	0.59	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	174.00	0.00000	164.46	12.860	4.0256	16	0.74	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	176.03	4.0900	164.46	12.860	4.0256	16	0.90	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0884	177.75	2.3000	164.46	12.860	4.0256	16	1.03	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	181.00	0.00000	164.46	12.860	4.0256	16	1.29	5%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	171.15	1.7000	179.29	7.8484	7.1250	4	-1.04	2%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	177.50	5.8000	179.29	7.8484	7.1250	4	-0.23	0%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	178.50	1.0000	179.29	7.8484	7.1250	4	-0.10	0%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	190.00	20.000	179.29	7.8484	7.1250	4	1.36	3%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	170.55	1.9000	172.15	2.2627	3.8900	2	-0.71	0%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	173.75	5.8800	172.15	2.2627	3.8900	2	0.71	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	154.50	3.0000	169.81	8.6223	6.5294	27	-1.78	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	158.55	25.510	169.81	8.6223	6.5294	27	-1.31	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	158.65	7.9000	169.81	8.6223	6.5294	27	-1.29	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	159.35	0.50000	169.81	8.6223	6.5294	27	-1.21	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	159.50	3.0000	169.81	8.6223	6.5294	27	-1.20	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0553	161.00	6.0000	169.81	8.6223	6.5294	27	-1.02	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0051	162.76	2.0000	169.81	8.6223	6.5294	27	-0.82	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0610	165.00	10.000	169.81	8.6223	6.5294	27	-0.56	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	165.05	2.5000	169.81	8.6223	6.5294	27	-0.55	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	166.00	6.0000	169.81	8.6223	6.5294	27	-0.44	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	170.00	0.00000	169.81	8.6223	6.5294	27	0.02	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	170.10	0.40000	169.81	8.6223	6.5294	27	0.03	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	171.00	8.0000	169.81	8.6223	6.5294	27	0.14	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	171.35	2.3000	169.81	8.6223	6.5294	27	0.18	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	171.85	20.100	169.81	8.6223	6.5294	27	0.24	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	172.05	1.1000	169.81	8.6223	6.5294	27	0.26	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0964	172.15	7.1000	169.81	8.6223	6.5294	27	0.27	1%	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	Rob SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	172.50	17.000	169.81	8.6223	6.5294	27	0.31	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	173.95	0.88500	169.81	8.6223	6.5294	27	0.48	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	174.00	2.0000	169.81	8.6223	6.5294	27	0.49	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	175.00	10.000	169.81	8.6223	6.5294	27	0.60	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	176.00	4.0000	169.81	8.6223	6.5294	27	0.72	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	177.50	5.0000	169.81	8.6223	6.5294	27	0.89	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	178.00	2.0000	169.81	8.6223	6.5294	27	0.95	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	180.50	7.0000	169.81	8.6223	6.5294	27	1.24	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0100	190.00	18.000	169.81	8.6223	6.5294	27	2.34	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	202.50	5.0000	169.81	8.6223	6.5294	27	3.79	10%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	168.45	0.30000	179.41	6.6784	4.7694	17	-1.64	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0096	170.00	0.00000	179.41	6.6784	4.7694	17	-1.41	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	171.50	19.000	179.41	6.6784	4.7694	17	-1.18	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	175.00	2.0000	179.41	6.6784	4.7694	17	-0.66	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	176.00	10.000	179.41	6.6784	4.7694	17	-0.51	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	178.00	2.0000	179.41	6.6784	4.7694	17	-0.21	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	178.10	8.4000	179.41	6.6784	4.7694	17	-0.20	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	178.50	1.0000	179.41	6.6784	4.7694	17	-0.14	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	178.54	9.0100	179.41	6.6784	4.7694	17	-0.13	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	179.00	0.00000	179.41	6.6784	4.7694	17	-0.06	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	180.00	2.0000	179.41	6.6784	4.7694	17	0.09	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	182.50	9.0000	179.41	6.6784	4.7694	17	0.46	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	185.50	1.0000	179.41	6.6784	4.7694	17	0.91	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	186.47	0.87000	179.41	6.6784	4.7694	17	1.06	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	186.50	3.0000	179.41	6.6784	4.7694	17	1.06	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0106	191.50	11.000	179.41	6.6784	4.7694	17	1.81	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	194.65	2.5000	179.41	6.6784	4.7694	17	2.28	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	147.50	3.0000	174.66	10.684	3.8700	20	-2.54	8%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	154.50	1.0000	174.66	10.684	3.8700	20	-1.89	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	160.35	0.10000	174.66	10.684	3.8700	20	-1.34	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	163.50	1.0000	174.66	10.684	3.8700	20	-1.05	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0168	165.00	10.000	174.66	10.684	3.8700	20	-0.90	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	167.50	1.0000	174.66	10.684	3.8700	20	-0.67	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	170.05	0.05000	174.66	10.684	3.8700	20	-0.43	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	171.50	1.0000	174.66	10.684	3.8700	20	-0.30	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2052	172.00	10.000	174.66	10.684	3.8700	20	-0.25	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	174.70	3.8000	174.66	10.684	3.8700	20	0.00	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2058	177.29	1.1400	174.66	10.684	3.8700	20	0.25	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	179.50	7.0000	174.66	10.684	3.8700	20	0.45	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	180.50	3.0000	174.66	10.684	3.8700	20	0.55	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	181.00	0.20000	174.66	10.684	3.8700	20	0.59	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	182.50	5.0000	174.66	10.684	3.8700	20	0.73	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	Rob SD	R-bar	# Labs			
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	182.50	11.000	174.66	10.684	3.8700	20	0.73	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	183.39	0.84000	174.66	10.684	3.8700	20	0.82	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	183.58	1.2700	174.66	10.684	3.8700	20	0.83	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0008	186.50	5.0000	174.66	10.684	3.8700	20	1.11	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0021	191.00	12.000	174.66	10.684	3.8700	20	1.53	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0037	137.70	44.000	174.66	10.684	3.8700	20	-3.46	11%	1
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	142.00	0.00000	162.67	18.072	2.0000	3	-1.14	6%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0955	170.50	1.0000	162.67	18.072	2.0000	3	0.43	2%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	175.50	5.0000	162.67	18.072	2.0000	3	0.71	4%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0096	170.00	0.00000			0.00000	1			
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2055	159.70	4.8000	172.30	9.0591	7.5600	4	-1.39	4%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	173.70	14.800	172.30	9.0591	7.5600	4	0.16	0%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	174.50	3.0000	172.30	9.0591	7.5600	4	0.24	1%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0413	181.28	7.6400	172.30	9.0591	7.5600	4	0.99	3%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	173.00	2.0000			2.0000	1			
031.00	Phosphorus, Vol (%)	0623	0.74140	0.02360	0.75820	0.02376	0.01680	2	-0.71	1%	0
031.00	Phosphorus, Vol (%)	0895	0.77500	0.01000	0.75820	0.02376	0.01680	2	0.71	1%	0
031.01	Phosphorus, Photometric (%)	0921	0.61700	0.00600	0.75846	0.02299	0.01158	52	-6.15	9%	0
031.01	Phosphorus, Photometric (%)	0194	0.66500	0.01000	0.75846	0.02299	0.01158	52	-4.07	6%	0
031.01	Phosphorus, Photometric (%)	0065	0.69965	0.01730	0.75846	0.02299	0.01158	52	-2.56	4%	0
031.01	Phosphorus, Photometric (%)	0948	0.71500	0.01000	0.75846	0.02299	0.01158	52	-1.89	3%	0
031.01	Phosphorus, Photometric (%)	0620	0.71905	0.00530	0.75846	0.02299	0.01158	52	-1.71	3%	0
031.01	Phosphorus, Photometric (%)	0152	0.72000	0.00000	0.75846	0.02299	0.01158	52	-1.67	3%	0
031.01	Phosphorus, Photometric (%)	0178	0.72150	0.01300	0.75846	0.02299	0.01158	52	-1.61	2%	0
031.01	Phosphorus, Photometric (%)	0885	0.73000	0.02000	0.75846	0.02299	0.01158	52	-1.24	2%	0
031.01	Phosphorus, Photometric (%)	2042	0.73000	0.00000	0.75846	0.02299	0.01158	52	-1.24	2%	0
031.01	Phosphorus, Photometric (%)	0596	0.73500	0.03000	0.75846	0.02299	0.01158	52	-1.02	2%	0
031.01	Phosphorus, Photometric (%)	2065	0.73800	0.01000	0.75846	0.02299	0.01158	52	-0.89	1%	0
031.01	Phosphorus, Photometric (%)	0511	0.74000	0.04000	0.75846	0.02299	0.01158	52	-0.80	1%	0
031.01	Phosphorus, Photometric (%)	0233	0.74500	0.01000	0.75846	0.02299	0.01158	52	-0.59	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.74500	0.01000	0.75846	0.02299	0.01158	52	-0.59	1%	0
031.01	Phosphorus, Photometric (%)	2068	0.74500	0.01000	0.75846	0.02299	0.01158	52	-0.59	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.74950	0.00300	0.75846	0.02299	0.01158	52	-0.39	1%	0
031.01	Phosphorus, Photometric (%)	0016	0.75000	0.00400	0.75846	0.02299	0.01158	52	-0.37	1%	0
031.01	Phosphorus, Photometric (%)	0175	0.75000	0.02000	0.75846	0.02299	0.01158	52	-0.37	1%	0
031.01	Phosphorus, Photometric (%)	0263	0.75020	0.00080	0.75846	0.02299	0.01158	52	-0.36	1%	0
031.01	Phosphorus, Photometric (%)	0039	0.75140	0.00160	0.75846	0.02299	0.01158	52	-0.31	0%	0
031.01	Phosphorus, Photometric (%)	0038	0.75300	0.00800	0.75846	0.02299	0.01158	52	-0.24	0%	0
031.01	Phosphorus, Photometric (%)	0683	0.75500	0.01000	0.75846	0.02299	0.01158	52	-0.15	0%	0
031.01	Phosphorus, Photometric (%)	0878	0.75500	0.01000	0.75846	0.02299	0.01158	52	-0.15	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.75955	0.00470	0.75846	0.02299	0.01158	52	0.05	0%	0
031.01	Phosphorus, Photometric (%)	0354	0.76000	0.02000	0.75846	0.02299	0.01158	52	0.07	0%	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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031.01	Phosphorus, Photometric (%)	0622	0.76000	0.00340	0.75846	0.02299	0.01158	52	0.07	0%	0
031.01	Phosphorus, Photometric (%)	2022	0.76000	0.00000	0.75846	0.02299	0.01158	52	0.07	0%	0
031.01	Phosphorus, Photometric (%)	2067	0.76250	0.01100	0.75846	0.02299	0.01158	52	0.18	0%	0
031.01	Phosphorus, Photometric (%)	0723	0.76290	0.00000	0.75846	0.02299	0.01158	52	0.19	0%	0
031.01	Phosphorus, Photometric (%)	0658	0.76475	0.00010	0.75846	0.02299	0.01158	52	0.27	0%	0
031.01	Phosphorus, Photometric (%)	0142	0.76500	0.01000	0.75846	0.02299	0.01158	52	0.28	0%	0
031.01	Phosphorus, Photometric (%)	0629	0.76500	0.01000	0.75846	0.02299	0.01158	52	0.28	0%	0
031.01	Phosphorus, Photometric (%)	0687	0.76500	0.03000	0.75846	0.02299	0.01158	52	0.28	0%	0
031.01	Phosphorus, Photometric (%)	0884	0.76500	0.03000	0.75846	0.02299	0.01158	52	0.28	0%	0
031.01	Phosphorus, Photometric (%)	0626	0.76700	0.03400	0.75846	0.02299	0.01158	52	0.37	1%	0
031.01	Phosphorus, Photometric (%)	0653	0.76850	0.02900	0.75846	0.02299	0.01158	52	0.44	1%	0
031.01	Phosphorus, Photometric (%)	0891	0.76850	0.00320	0.75846	0.02299	0.01158	52	0.44	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.76900	0.01600	0.75846	0.02299	0.01158	52	0.46	1%	0
031.01	Phosphorus, Photometric (%)	0139	0.77300	0.04800	0.75846	0.02299	0.01158	52	0.63	1%	0
031.01	Phosphorus, Photometric (%)	0674	0.77500	0.01000	0.75846	0.02299	0.01158	52	0.72	1%	0
031.01	Phosphorus, Photometric (%)	0893	0.77500	0.01000	0.75846	0.02299	0.01158	52	0.72	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.77950	0.01100	0.75846	0.02299	0.01158	52	0.92	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.78000	0.00000	0.75846	0.02299	0.01158	52	0.94	1%	0
031.01	Phosphorus, Photometric (%)	2063	0.78000	0.00000	0.75846	0.02299	0.01158	52	0.94	1%	0
031.01	Phosphorus, Photometric (%)	0881	0.78450	0.00100	0.75846	0.02299	0.01158	52	1.13	2%	0
031.01	Phosphorus, Photometric (%)	2062	0.78450	0.00900	0.75846	0.02299	0.01158	52	1.13	2%	0
031.01	Phosphorus, Photometric (%)	0903	0.78500	0.01000	0.75846	0.02299	0.01158	52	1.15	2%	0
031.01	Phosphorus, Photometric (%)	0035	0.78600	0.00200	0.75846	0.02299	0.01158	52	1.20	2%	0
031.01	Phosphorus, Photometric (%)	0868	0.78750	0.00100	0.75846	0.02299	0.01158	52	1.26	2%	0
031.01	Phosphorus, Photometric (%)	0609	0.80500	0.01000	0.75846	0.02299	0.01158	52	2.02	3%	0
031.01	Phosphorus, Photometric (%)	0689	0.82000	0.02000	0.75846	0.02299	0.01158	52	2.68	4%	0
031.01	Phosphorus, Photometric (%)	0066	0.88000	0.02000	0.75846	0.02299	0.01158	52	5.29	8%	0
031.01	Phosphorus, Photometric (%)	0108	0.58000	0.08000	0.75846	0.02299	0.01158	52	-7.76	12%	1
031.01	Phosphorus, Photometric (%)	0337	0.74500	0.07000	0.75846	0.02299	0.01158	52	-0.59	1%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.74000	0.00000	0.75293	0.01004	0.00070	4	-1.29	1%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.75000	0.00000	0.75293	0.01004	0.00070	4	-0.29	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.76000	0.00000	0.75293	0.01004	0.00070	4	0.70	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	0.76170	0.00280	0.75293	0.01004	0.00070	4	0.87	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.73000	0.02000	0.75769	0.02555	0.02148	4	-1.08	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.74500	0.05000	0.75769	0.02555	0.02148	4	-0.50	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.76750	0.01100	0.75769	0.02555	0.02148	4	0.38	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.78825	0.00490	0.75769	0.02555	0.02148	4	1.20	2%	0
031.06	Phosphorus, Hach Method (%)	0138	0.73250	0.01500	0.73875	0.00884	0.01250	2	-0.71	0%	0
031.06	Phosphorus, Hach Method (%)	0536	0.74500	0.01000	0.73875	0.00884	0.01250	2	0.71	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.68050	0.02100	0.75991	0.02691	0.01858	34	-2.95	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.71000	0.00000	0.75991	0.02691	0.01858	34	-1.85	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.71000	0.00000	0.75991	0.02691	0.01858	34	-1.85	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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031.41	Phosphorus, ICP, Dry ash (%)	0619	0.71400	0.01000	0.75991	0.02691	0.01858	34	-1.71	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0553	0.71600	0.05200	0.75991	0.02691	0.01858	34	-1.63	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.72500	0.01000	0.75991	0.02691	0.01858	34	-1.30	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.73500	0.01000	0.75991	0.02691	0.01858	34	-0.93	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.73750	0.00500	0.75991	0.02691	0.01858	34	-0.83	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.74000	0.02000	0.75991	0.02691	0.01858	34	-0.74	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.74500	0.03000	0.75991	0.02691	0.01858	34	-0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.74500	0.03000	0.75991	0.02691	0.01858	34	-0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.75000	0.02000	0.75991	0.02691	0.01858	34	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0100	0.75000	0.04000	0.75991	0.02691	0.01858	34	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.75000	0.00000	0.75991	0.02691	0.01858	34	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.76000	0.02000	0.75991	0.02691	0.01858	34	0.00	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0610	0.76000	0.02000	0.75991	0.02691	0.01858	34	0.00	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	0.76000	0.00000	0.75991	0.02691	0.01858	34	0.00	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.76150	0.00300	0.75991	0.02691	0.01858	34	0.06	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.76350	0.01300	0.75991	0.02691	0.01858	34	0.13	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.76500	0.05000	0.75991	0.02691	0.01858	34	0.19	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0964	0.76685	0.04230	0.75991	0.02691	0.01858	34	0.26	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	0.76880	0.05400	0.75991	0.02691	0.01858	34	0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	0.76925	0.00250	0.75991	0.02691	0.01858	34	0.35	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.77500	0.01000	0.75991	0.02691	0.01858	34	0.56	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.77500	0.01000	0.75991	0.02691	0.01858	34	0.56	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.77500	0.01000	0.75991	0.02691	0.01858	34	0.56	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.77570	0.00500	0.75991	0.02691	0.01858	34	0.59	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.78000	0.04000	0.75991	0.02691	0.01858	34	0.75	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.80000	0.02000	0.75991	0.02691	0.01858	34	1.49	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.80000	0.00000	0.75991	0.02691	0.01858	34	1.49	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.81550	0.05300	0.75991	0.02691	0.01858	34	2.07	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.82000	0.00000	0.75991	0.02691	0.01858	34	2.23	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.83245	0.01090	0.75991	0.02691	0.01858	34	2.70	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.91000	0.02000	0.75991	0.02691	0.01858	34	5.58	10%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.68500	0.05000	0.75221	0.02807	0.02676	18	-2.39	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.70500	0.01400	0.75221	0.02807	0.02676	18	-1.68	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.72000	0.10000	0.75221	0.02807	0.02676	18	-1.15	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.72190	0.03460	0.75221	0.02807	0.02676	18	-1.08	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.72300	0.00800	0.75221	0.02807	0.02676	18	-1.04	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.73850	0.04700	0.75221	0.02807	0.02676	18	-0.49	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.74100	0.03800	0.75221	0.02807	0.02676	18	-0.40	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0096	0.75000	0.02000	0.75221	0.02807	0.02676	18	-0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.76000	0.02000	0.75221	0.02807	0.02676	18	0.28	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.76000	0.02000	0.75221	0.02807	0.02676	18	0.28	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.76050	0.01500	0.75221	0.02807	0.02676	18	0.30	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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031.42	Phosphorus, ICP, Open vessel (%)	0202	0.76500	0.03000	0.75221	0.02807	0.02676	18	0.46	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.76675	0.00970	0.75221	0.02807	0.02676	18	0.52	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.77000	0.00000	0.75221	0.02807	0.02676	18	0.63	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0106	0.77500	0.05000	0.75221	0.02807	0.02676	18	0.81	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.78000	0.00000	0.75221	0.02807	0.02676	18	0.99	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.78065	0.00930	0.75221	0.02807	0.02676	18	1.01	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.80000	0.01600	0.75221	0.02807	0.02676	18	1.70	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.86000	0.18000	0.75221	0.02807	0.02676	18	3.84	7%	1
031.43	Phosphorus, ICP, Microwave (%)	0043	0.68000	0.00000	0.75632	0.04090	0.01160	22	-1.87	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.70000	0.02000	0.75632	0.04090	0.01160	22	-1.38	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.71000	0.04000	0.75632	0.04090	0.01160	22	-1.13	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.72000	0.00000	0.75632	0.04090	0.01160	22	-0.89	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2055	0.72250	0.01100	0.75632	0.04090	0.01160	22	-0.83	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.72600	0.04000	0.75632	0.04090	0.01160	22	-0.74	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.73000	0.02000	0.75632	0.04090	0.01160	22	-0.64	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.74000	0.00000	0.75632	0.04090	0.01160	22	-0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.74450	0.00300	0.75632	0.04090	0.01160	22	-0.29	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2023	0.74600	0.00800	0.75632	0.04090	0.01160	22	-0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2058	0.75500	0.01000	0.75632	0.04090	0.01160	22	-0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.76050	0.00900	0.75632	0.04090	0.01160	22	0.10	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.76250	0.00100	0.75632	0.04090	0.01160	22	0.15	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.77370	0.00000	0.75632	0.04090	0.01160	22	0.43	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0037	0.77500	0.01000	0.75632	0.04090	0.01160	22	0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0008	0.78150	0.00700	0.75632	0.04090	0.01160	22	0.62	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.78500	0.01000	0.75632	0.04090	0.01160	22	0.70	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.78650	0.00500	0.75632	0.04090	0.01160	22	0.74	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	0.79000	0.04000	0.75632	0.04090	0.01160	22	0.82	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.80000	0.00000	0.75632	0.04090	0.01160	22	1.07	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.82385	0.01130	0.75632	0.04090	0.01160	22	1.65	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2052	0.90800	0.01000	0.75632	0.04090	0.01160	22	3.71	10%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.77700	0.05800	0.75632	0.04090	0.01160	22	0.51	1%	1
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.74250	0.01700	0.76750	0.03536	0.01200	2	-0.71	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	0955	0.79250	0.00700	0.76750	0.03536	0.01200	2	0.71	2%	0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.72485	0.05510			0.05510	1			
031.53	Phosphorus, ICP-MS, Microwave (%)	2055	0.68100	0.01400	0.75778	0.05216	0.01670	4	-1.47	5%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0413	0.77050	0.03500	0.75778	0.05216	0.01670	4	0.24	1%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.78460	0.00780	0.75778	0.05216	0.01670	4	0.51	2%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.79500	0.01000	0.75778	0.05216	0.01670	4	0.71	2%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.65865	0.00490	0.74273	0.08300	0.01498	5	-1.01	6%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.70500	0.01000	0.74273	0.08300	0.01498	5	-0.45	3%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.71000	0.02000	0.74273	0.08300	0.01498	5	-0.39	2%	0
031.99	Phosphorus, Miscellaneous (%)	0552	0.76500	0.03000	0.74273	0.08300	0.01498	5	0.27	1%	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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031.99	Phosphorus, Miscellaneous (%)	0852	0.87500	0.01000	0.74273	0.08300	0.01498	5	1.59	9%	0
032.02	Potassium, Flame Emission (%)	0139	0.83550	0.00300	0.85467	0.02188	0.02267	3	-0.88	1%	0
032.02	Potassium, Flame Emission (%)	0108	0.85000	0.06000	0.85467	0.02188	0.02267	3	-0.21	0%	0
032.02	Potassium, Flame Emission (%)	0881	0.87850	0.00500	0.85467	0.02188	0.02267	3	1.09	1%	0
032.08	Potassium, Ion-selective electrode (%)	2006	0.93700	0.02400			0.02400	1			
032.31	Potassium, AAS, Dry ash (%)	0142	0.83450	0.00700	0.89763	0.04818	0.01502	13	-1.31	4%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.84445	0.00430	0.89763	0.04818	0.01502	13	-1.10	3%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.85400	0.00200	0.89763	0.04818	0.01502	13	-0.91	2%	0
032.31	Potassium, AAS, Dry ash (%)	0065	0.87450	0.01500	0.89763	0.04818	0.01502	13	-0.48	1%	0
032.31	Potassium, AAS, Dry ash (%)	0354	0.87500	0.01000	0.89763	0.04818	0.01502	13	-0.47	1%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.88000	0.00000	0.89763	0.04818	0.01502	13	-0.37	1%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.89500	0.01000	0.89763	0.04818	0.01502	13	-0.05	0%	0
032.31	Potassium, AAS, Dry ash (%)	0596	0.90000	0.02000	0.89763	0.04818	0.01502	13	0.05	0%	0
032.31	Potassium, AAS, Dry ash (%)	0653	0.91850	0.01500	0.89763	0.04818	0.01502	13	0.43	1%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.92500	0.01600	0.89763	0.04818	0.01502	13	0.57	2%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.94650	0.02300	0.89763	0.04818	0.01502	13	1.01	3%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.96000	0.04000	0.89763	0.04818	0.01502	13	1.29	3%	0
032.31	Potassium, AAS, Dry ash (%)	0178	0.96650	0.03300	0.89763	0.04818	0.01502	13	1.43	4%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.84000	0.08000	0.89763	0.04818	0.01502	13	-1.20	3%	1
032.32	Potassium, AAS, Open vessel (%)	0609	0.83000	0.02000	0.88262	0.05515	0.01263	3	-0.95	3%	0
032.32	Potassium, AAS, Open vessel (%)	0035	0.87785	0.01790	0.88262	0.05515	0.01263	3	-0.09	0%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.94000	0.00000	0.88262	0.05515	0.01263	3	1.04	3%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.79500	0.01000	0.89756	0.03172	0.02114	26	-3.23	6%	0
032.41	Potassium, ICP, Dry ash (%)	0553	0.80500	0.05000	0.89756	0.03172	0.02114	26	-2.92	5%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.83150	0.00500	0.89756	0.03172	0.02114	26	-2.08	4%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.84950	0.04500	0.89756	0.03172	0.02114	26	-1.52	3%	0
032.41	Potassium, ICP, Dry ash (%)	0964	0.85005	0.06030	0.89756	0.03172	0.02114	26	-1.50	3%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.85500	0.05000	0.89756	0.03172	0.02114	26	-1.34	2%	0
032.41	Potassium, ICP, Dry ash (%)	0300	0.87600	0.00600	0.89756	0.03172	0.02114	26	-0.68	1%	0
032.41	Potassium, ICP, Dry ash (%)	0011	0.88125	0.00310	0.89756	0.03172	0.02114	26	-0.51	1%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.89250	0.02300	0.89756	0.03172	0.02114	26	-0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0083	0.89500	0.01000	0.89756	0.03172	0.02114	26	-0.08	0%	0
032.41	Potassium, ICP, Dry ash (%)	0682	0.89500	0.01000	0.89756	0.03172	0.02114	26	-0.08	0%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.90000	0.02000	0.89756	0.03172	0.02114	26	0.08	0%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.90000	0.02000	0.89756	0.03172	0.02114	26	0.08	0%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.90085	0.00990	0.89756	0.03172	0.02114	26	0.10	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.90500	0.01000	0.89756	0.03172	0.02114	26	0.23	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.90500	0.01000	0.89756	0.03172	0.02114	26	0.23	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.90850	0.00100	0.89756	0.03172	0.02114	26	0.34	1%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.91000	0.02000	0.89756	0.03172	0.02114	26	0.39	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.91000	0.02000	0.89756	0.03172	0.02114	26	0.39	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.91750	0.00500	0.89756	0.03172	0.02114	26	0.63	1%	0

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032.41	Potassium, ICP, Dry ash (%)	0878	0.92000	0.02000	0.89756	0.03172	0.02114	26	0.71	1%	0
032.41	Potassium, ICP, Dry ash (%)	0051	0.92050	0.01140	0.89756	0.03172	0.02114	26	0.72	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.92500	0.01000	0.89756	0.03172	0.02114	26	0.86	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.95000	0.08000	0.89756	0.03172	0.02114	26	1.65	3%	0
032.41	Potassium, ICP, Dry ash (%)	0100	1.0100	0.02000	0.89756	0.03172	0.02114	26	3.54	6%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.0700	0.02000	0.89756	0.03172	0.02114	26	5.44	10%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.83550	0.01900	0.89404	0.03412	0.01794	16	-1.72	3%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.85150	0.00300	0.89404	0.03412	0.01794	16	-1.25	2%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.85675	0.01350	0.89404	0.03412	0.01794	16	-1.09	2%	0
032.42	Potassium, ICP, Open vessel (%)	0106	0.86500	0.03000	0.89404	0.03412	0.01794	16	-0.85	2%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.87000	0.00000	0.89404	0.03412	0.01794	16	-0.70	1%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.87500	0.01000	0.89404	0.03412	0.01794	16	-0.56	1%	0
032.42	Potassium, ICP, Open vessel (%)	0202	0.89000	0.00000	0.89404	0.03412	0.01794	16	-0.12	0%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.89500	0.03000	0.89404	0.03412	0.01794	16	0.03	0%	0
032.42	Potassium, ICP, Open vessel (%)	0205	0.90400	0.00800	0.89404	0.03412	0.01794	16	0.29	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.90500	0.01000	0.89404	0.03412	0.01794	16	0.32	1%	0
032.42	Potassium, ICP, Open vessel (%)	0096	0.91000	0.02000	0.89404	0.03412	0.01794	16	0.47	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.91000	0.04000	0.89404	0.03412	0.01794	16	0.47	1%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.91450	0.05500	0.89404	0.03412	0.01794	16	0.60	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	0.91830	0.02860	0.89404	0.03412	0.01794	16	0.71	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.94300	0.02000	0.89404	0.03412	0.01794	16	1.44	3%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.95000	0.00000	0.89404	0.03412	0.01794	16	1.64	3%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.73400	0.02200	0.88722	0.03358	0.01776	17	-4.56	9%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.83000	0.00000	0.88722	0.03358	0.01776	17	-1.70	3%	0
032.43	Potassium, ICP, Microwave (%)	0043	0.84500	0.01000	0.88722	0.03358	0.01776	17	-1.26	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.84500	0.01000	0.88722	0.03358	0.01776	17	-1.26	2%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.86000	0.02000	0.88722	0.03358	0.01776	17	-0.81	2%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.86600	0.07000	0.88722	0.03358	0.01776	17	-0.63	1%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.88500	0.00000	0.88722	0.03358	0.01776	17	-0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.89000	0.02000	0.88722	0.03358	0.01776	17	0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.89500	0.01000	0.88722	0.03358	0.01776	17	0.23	0%	0
032.43	Potassium, ICP, Microwave (%)	2023	0.89550	0.00100	0.88722	0.03358	0.01776	17	0.25	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.89600	0.00800	0.88722	0.03358	0.01776	17	0.26	0%	0
032.43	Potassium, ICP, Microwave (%)	0037	0.90500	0.01000	0.88722	0.03358	0.01776	17	0.53	1%	0
032.43	Potassium, ICP, Microwave (%)	0008	0.90850	0.01500	0.88722	0.03358	0.01776	17	0.63	1%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.91450	0.01700	0.88722	0.03358	0.01776	17	0.81	2%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.91650	0.06900	0.88722	0.03358	0.01776	17	0.87	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.93000	0.02000	0.88722	0.03358	0.01776	17	1.27	2%	0
032.43	Potassium, ICP, Microwave (%)	2052	0.93200	0.00000	0.88722	0.03358	0.01776	17	1.33	3%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.99130	0.12340	0.88722	0.03358	0.01776	17	3.10	6%	1
032.44	Potassium, ICP, Dry ash (%)	2004	0.90100	0.01600			0.01600	1			
032.52	Potassium, ICP-MS, Open vessel (%)	0096	0.82000	0.02000	0.84995	0.04236	0.01260	2	-0.71	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	Rob SD	R-bar	# Labs			
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.87990	0.00520	0.84995	0.04236	0.01260	2	0.71	2%	0
032.53	Potassium, ICP-MS, Microwave (%)	2055	0.81800	0.02200	0.91030	0.06181	0.02200	4	-1.49	5%	0
032.53	Potassium, ICP-MS, Microwave (%)	0199	0.93500	0.01000	0.91030	0.06181	0.02200	4	0.40	1%	0
032.53	Potassium, ICP-MS, Microwave (%)	0572	0.93920	0.03200	0.91030	0.06181	0.02200	4	0.47	2%	0
032.53	Potassium, ICP-MS, Microwave (%)	0413	0.94900	0.02400	0.91030	0.06181	0.02200	4	0.63	2%	0
032.99	Potassium, Miscellaneous (%)	0889	0.70170	0.02280	0.80335	0.14375	0.01640	2	-0.71	6%	0
032.99	Potassium, Miscellaneous (%)	0242	0.90500	0.01000	0.80335	0.14375	0.01640	2	0.71	6%	0
033.00	Salt as chloride, Soluble Cl (%)	0539	0.27000	0.02000	0.37096	0.04117	0.01041	32	-2.45	14%	0
033.00	Salt as chloride, Soluble Cl (%)	2042	0.29500	0.01000	0.37096	0.04117	0.01041	32	-1.85	10%	0
033.00	Salt as chloride, Soluble Cl (%)	2022	0.30600	0.00000	0.37096	0.04117	0.01041	32	-1.58	9%	0
033.00	Salt as chloride, Soluble Cl (%)	0893	0.32500	0.01000	0.37096	0.04117	0.01041	32	-1.12	6%	0
033.00	Salt as chloride, Soluble Cl (%)	2065	0.32650	0.00700	0.37096	0.04117	0.01041	32	-1.08	6%	0
033.00	Salt as chloride, Soluble Cl (%)	2063	0.34000	0.02000	0.37096	0.04117	0.01041	32	-0.75	4%	0
033.00	Salt as chloride, Soluble Cl (%)	2006	0.34300	0.02400	0.37096	0.04117	0.01041	32	-0.68	4%	0
033.00	Salt as chloride, Soluble Cl (%)	0675	0.34500	0.01000	0.37096	0.04117	0.01041	32	-0.63	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0868	0.34500	0.01000	0.37096	0.04117	0.01041	32	-0.63	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0895	0.34500	0.01000	0.37096	0.04117	0.01041	32	-0.63	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0903	0.34500	0.01000	0.37096	0.04117	0.01041	32	-0.63	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0298	0.35000	0.02000	0.37096	0.04117	0.01041	32	-0.51	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0685	0.35000	0.00000	0.37096	0.04117	0.01041	32	-0.51	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0878	0.35500	0.01000	0.37096	0.04117	0.01041	32	-0.39	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0891	0.36460	0.00280	0.37096	0.04117	0.01041	32	-0.15	1%	0
033.00	Salt as chloride, Soluble Cl (%)	0653	0.36700	0.00000	0.37096	0.04117	0.01041	32	-0.10	1%	0
033.00	Salt as chloride, Soluble Cl (%)	0897	0.37500	0.01000	0.37096	0.04117	0.01041	32	0.10	1%	0
033.00	Salt as chloride, Soluble Cl (%)	0723	0.38000	0.00000	0.37096	0.04117	0.01041	32	0.22	1%	0
033.00	Salt as chloride, Soluble Cl (%)	0016	0.38050	0.00300	0.37096	0.04117	0.01041	32	0.23	1%	0
033.00	Salt as chloride, Soluble Cl (%)	2062	0.38450	0.03100	0.37096	0.04117	0.01041	32	0.33	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0169	0.38500	0.01000	0.37096	0.04117	0.01041	32	0.34	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0309	0.38700	0.01600	0.37096	0.04117	0.01041	32	0.39	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0512	0.39130	0.00740	0.37096	0.04117	0.01041	32	0.49	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0881	0.39700	0.00000	0.37096	0.04117	0.01041	32	0.63	4%	0
033.00	Salt as chloride, Soluble Cl (%)	0045	0.39950	0.00500	0.37096	0.04117	0.01041	32	0.69	4%	0
033.00	Salt as chloride, Soluble Cl (%)	0884	0.41000	0.00000	0.37096	0.04117	0.01041	32	0.95	5%	0
033.00	Salt as chloride, Soluble Cl (%)	2068	0.41000	0.00000	0.37096	0.04117	0.01041	32	0.95	5%	0
033.00	Salt as chloride, Soluble Cl (%)	0683	0.41500	0.03000	0.37096	0.04117	0.01041	32	1.07	6%	0
033.00	Salt as chloride, Soluble Cl (%)	0353	0.43500	0.01000	0.37096	0.04117	0.01041	32	1.56	9%	0
033.00	Salt as chloride, Soluble Cl (%)	0885	0.46500	0.01000	0.37096	0.04117	0.01041	32	2.28	13%	0
033.00	Salt as chloride, Soluble Cl (%)	2067	0.48050	0.01700	0.37096	0.04117	0.01041	32	2.66	15%	0
033.00	Salt as chloride, Soluble Cl (%)	0693	0.50000	0.02000	0.37096	0.04117	0.01041	32	3.13	17%	0
033.00	Salt as chloride, Soluble Cl (%)	0511	0.41000	0.06000	0.37096	0.04117	0.01041	32	0.95	5%	1
033.01	Salt as chloride, Potentiometric Cl (%)	0964	0.30430	0.01680	0.43787	0.01928	0.00575	37	-6.93	15%	0
033.01	Salt as chloride, Potentiometric Cl (%)	2006	0.36800	0.00200	0.43787	0.01928	0.00575	37	-3.62	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Potentiometric Cl (%)	0596	0.39000	0.00000	0.43787	0.01928	0.00575	37	-2.48	5%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0629	0.40000	0.00000	0.43787	0.01928	0.00575	37	-1.96	4%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0100	0.41000	0.00000	0.43787	0.01928	0.00575	37	-1.45	3%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0337	0.42000	0.02000	0.43787	0.01928	0.00575	37	-0.93	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0229	0.42500	0.01000	0.43787	0.01928	0.00575	37	-0.67	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0278	0.42500	0.01000	0.43787	0.01928	0.00575	37	-0.67	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0148	0.42600	0.00200	0.43787	0.01928	0.00575	37	-0.62	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0178	0.42950	0.00300	0.43787	0.01928	0.00575	37	-0.43	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0001	0.43000	0.00000	0.43787	0.01928	0.00575	37	-0.41	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0083	0.43000	0.00000	0.43787	0.01928	0.00575	37	-0.41	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0164	0.43000	0.02000	0.43787	0.01928	0.00575	37	-0.41	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0226	0.43000	0.00000	0.43787	0.01928	0.00575	37	-0.41	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0683	0.43000	0.00000	0.43787	0.01928	0.00575	37	-0.41	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0861	0.43000	0.00000	0.43787	0.01928	0.00575	37	-0.41	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0205	0.43350	0.00300	0.43787	0.01928	0.00575	37	-0.23	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0194	0.43500	0.01000	0.43787	0.01928	0.00575	37	-0.15	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0011	0.43785	0.00050	0.43787	0.01928	0.00575	37	0.00	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0407	0.43850	0.00300	0.43787	0.01928	0.00575	37	0.03	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0106	0.43900	0.01200	0.43787	0.01928	0.00575	37	0.06	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0354	0.44000	0.00000	0.43787	0.01928	0.00575	37	0.11	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0413	0.44000	0.00000	0.43787	0.01928	0.00575	37	0.11	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0425	0.44000	0.00000	0.43787	0.01928	0.00575	37	0.11	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0939	0.44000	0.02000	0.43787	0.01928	0.00575	37	0.11	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	2023	0.44000	0.00000	0.43787	0.01928	0.00575	37	0.11	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0175	0.44500	0.01000	0.43787	0.01928	0.00575	37	0.37	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0510	0.45000	0.00000	0.43787	0.01928	0.00575	37	0.63	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0098	0.45500	0.01000	0.43787	0.01928	0.00575	37	0.89	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0242	0.45500	0.01000	0.43787	0.01928	0.00575	37	0.89	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0948	0.46500	0.03000	0.43787	0.01928	0.00575	37	1.41	3%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0682	0.47500	0.01000	0.43787	0.01928	0.00575	37	1.93	4%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0039	0.48165	0.00050	0.43787	0.01928	0.00575	37	2.27	5%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0003	0.50000	0.00000	0.43787	0.01928	0.00575	37	3.22	7%	0
033.01	Salt as chloride, Potentiometric Cl (%)	2053	0.50000	0.00000	0.43787	0.01928	0.00575	37	3.22	7%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0019	0.53000	0.00000	0.43787	0.01928	0.00575	37	4.78	11%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0674	0.66500	0.01000	0.43787	0.01928	0.00575	37	11.78	26%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0590	0.41000	0.04000	0.43787	0.01928	0.00575	37	-1.45	3%	1
033.01	Salt as chloride, Potentiometric Cl (%)	0650	1.5700	0.00000	0.43787	0.01928	0.00575	37	58.72	129%	2
033.03	Salt as chloride, Quantab (%)	0144	0.30500	0.01000	0.35457	0.03634	0.00833	6	-1.36	7%	0
033.03	Salt as chloride, Quantab (%)	0848	0.33500	0.01000	0.35457	0.03634	0.00833	6	-0.54	3%	0
033.03	Salt as chloride, Quantab (%)	0265	0.34000	0.00000	0.35457	0.03634	0.00833	6	-0.40	2%	0
033.03	Salt as chloride, Quantab (%)	0505	0.37500	0.01000	0.35457	0.03634	0.00833	6	0.56	3%	0
033.03	Salt as chloride, Quantab (%)	0726	0.38000	0.00000	0.35457	0.03634	0.00833	6	0.70	4%	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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033.03	Salt as chloride, Quantab (%)	0190	0.39000	0.02000	0.35457	0.03634	0.00833	6	0.97	5%	0
033.05	Salt as chloride, Ion-selective electrode (%)	2006	0.36800	0.00200	0.46660	0.12497	0.21040	5	-0.79	11%	0
033.05	Salt as chloride, Ion-selective electrode (%)	0004	0.42000	0.00000	0.46660	0.12497	0.21040	5	-0.37	5%	0
033.05	Salt as chloride, Ion-selective electrode (%)	0689	0.42000	0.00000	0.46660	0.12497	0.21040	5	-0.37	5%	0
033.05	Salt as chloride, Ion-selective electrode (%)	0171	0.44000	0.02000	0.46660	0.12497	0.21040	5	-0.21	3%	0
033.05	Salt as chloride, Ion-selective electrode (%)	2043	0.68500	1.0300	0.46660	0.12497	0.21040	5	1.75	23%	0
033.99	Salt, Miscellaneous (%)	0623	0.11605	0.02330	0.37804	0.17857	0.03901	8	-1.47	35%	0
033.99	Salt, Miscellaneous (%)	0017	0.20500	0.15000	0.37804	0.17857	0.03901	8	-0.97	23%	0
033.99	Salt, Miscellaneous (%)	0964	0.30430	0.01680	0.37804	0.17857	0.03901	8	-0.41	10%	0
033.99	Salt, Miscellaneous (%)	0536	0.35000	0.02000	0.37804	0.17857	0.03901	8	-0.16	4%	0
033.99	Salt, Miscellaneous (%)	0619	0.41900	0.00000	0.37804	0.17857	0.03901	8	0.23	5%	0
033.99	Salt, Miscellaneous (%)	0208	0.46200	0.01200	0.37804	0.17857	0.03901	8	0.47	11%	0
033.99	Salt, Miscellaneous (%)	0681	0.51500	0.01000	0.37804	0.17857	0.03901	8	0.77	18%	0
033.99	Salt, Miscellaneous (%)	0552	0.65000	0.08000	0.37804	0.17857	0.03901	8	1.52	36%	0
034.01	Selenium, Fluorometer (mg / kg (ppm))	0098	0.40600	0.00600	0.40750	0.00212	0.01200	2	-0.71	0%	0
034.01	Selenium, Fluorometer (mg / kg (ppm))	0038	0.40900	0.01800	0.40750	0.00212	0.01200	2	0.71	0%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0175	0.39000	0.04000	0.44583	0.05039	0.02833	6	-1.11	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.41000	0.02000	0.44583	0.05039	0.02833	6	-0.71	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.42000	0.00000	0.44583	0.05039	0.02833	6	-0.51	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	0.47500	0.01000	0.44583	0.05039	0.02833	6	0.58	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.48500	0.07000	0.44583	0.05039	0.02833	6	0.78	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	0.49500	0.03000	0.44583	0.05039	0.02833	6	0.98	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0596	86.265	2.8300	0.44583	0.05039	0.02833	6	1703.25	9625%	2
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.44050	0.02100			0.02100	1			
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0693	0.61500	0.75000			0.75000	1			
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0425	0.00000	0.00000	0.33054	0.23431	0.07938	4	-1.41	50%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0021	0.34500	0.01000	0.33054	0.23431	0.07938	4	0.06	2%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	0.43715	0.10750	0.33054	0.23431	0.07938	4	0.46	16%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0003	0.54000	0.20000	0.33054	0.23431	0.07938	4	0.89	32%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.40000	0.00000	0.46983	0.10864	0.05567	3	-0.64	7%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0098	0.41450	0.11700	0.46983	0.10864	0.05567	3	-0.51	6%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.59500	0.05000	0.46983	0.10864	0.05567	3	1.15	13%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0413	0.39700	0.01400	0.41648	0.02105	0.02580	8	-0.93	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.40000	0.00000	0.41648	0.02105	0.02580	8	-0.78	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	0.40000	0.00000	0.41648	0.02105	0.02580	8	-0.78	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2052	0.40600	0.08400	0.41648	0.02105	0.02580	8	-0.50	1%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.42000	0.00000	0.41648	0.02105	0.02580	8	0.17	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2058	0.42500	0.01000	0.41648	0.02105	0.02580	8	0.40	1%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.44480	0.05840	0.41648	0.02105	0.02580	8	1.35	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	0.56000	0.04000	0.41648	0.02105	0.02580	8	6.82	17%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.12950	0.00300	0.13567	0.00625	0.00133	3	-0.99	2%	0
035.01	Sodium, Ion-selective electrode (%)	2006	0.13550	0.00100	0.13567	0.00625	0.00133	3	-0.03	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	Rob SD	R-bar	# Labs			
035.01	Sodium, Ion-selective electrode (%)	0868	0.14200	0.00000	0.13567	0.00625	0.00133	3	1.01	2%	0
035.02	Sodium, Emission spectroscopy (%)	0884	0.12500	0.01000			0.01000	1			
035.05	Sodium, Flame Emission (%)	0881	0.12950	0.00100	0.13910	0.00675	0.01180	5	-1.42	3%	0
035.05	Sodium, Flame Emission (%)	0108	0.13500	0.03000	0.13910	0.00675	0.01180	5	-0.61	1%	0
035.05	Sodium, Flame Emission (%)	0139	0.14100	0.00800	0.13910	0.00675	0.01180	5	0.28	1%	0
035.05	Sodium, Flame Emission (%)	0152	0.14500	0.01000	0.13910	0.00675	0.01180	5	0.87	2%	0
035.05	Sodium, Flame Emission (%)	0337	0.14500	0.01000	0.13910	0.00675	0.01180	5	0.87	2%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.09500	0.01000	0.13318	0.01275	0.00397	18	-2.99	14%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.11500	0.01000	0.13318	0.01275	0.00397	18	-1.43	7%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.11935	0.00330	0.13318	0.01275	0.00397	18	-1.08	5%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.12450	0.00100	0.13318	0.01275	0.00397	18	-0.68	3%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.12500	0.01000	0.13318	0.01275	0.00397	18	-0.64	3%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.12500	0.01000	0.13318	0.01275	0.00397	18	-0.64	3%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.12700	0.01600	0.13318	0.01275	0.00397	18	-0.48	2%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.13100	0.00800	0.13318	0.01275	0.00397	18	-0.17	1%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.13220	0.00000	0.13318	0.01275	0.00397	18	-0.08	0%	0
035.31	Sodium, AAS, Dry ash (%)	0065	0.13690	0.00020	0.13318	0.01275	0.00397	18	0.29	1%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.13700	0.00000	0.13318	0.01275	0.00397	18	0.30	1%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.14000	0.00000	0.13318	0.01275	0.00397	18	0.53	3%	0
035.31	Sodium, AAS, Dry ash (%)	0596	0.14000	0.00000	0.13318	0.01275	0.00397	18	0.53	3%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.14000	0.00000	0.13318	0.01275	0.00397	18	0.53	3%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.14300	0.00000	0.13318	0.01275	0.00397	18	0.77	4%	0
035.31	Sodium, AAS, Dry ash (%)	0653	0.14700	0.00200	0.13318	0.01275	0.00397	18	1.08	5%	0
035.31	Sodium, AAS, Dry ash (%)	0178	0.14750	0.00100	0.13318	0.01275	0.00397	18	1.12	5%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.16000	0.00000	0.13318	0.01275	0.00397	18	2.10	10%	0
035.32	Sodium, AAS, Open vessel (%)	0035	0.10395	0.00710	0.13993	0.02408	0.00475	4	-1.49	13%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.15000	0.00000	0.13993	0.02408	0.00475	4	0.42	4%	0
035.32	Sodium, AAS, Open vessel (%)	0263	0.15075	0.00190	0.13993	0.02408	0.00475	4	0.45	4%	0
035.32	Sodium, AAS, Open vessel (%)	0609	0.15500	0.01000	0.13993	0.02408	0.00475	4	0.63	5%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.11000	0.00000	0.12775	0.00839	0.00456	28	-2.12	7%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.11000	0.00000	0.12775	0.00839	0.00456	28	-2.12	7%	0
035.41	Sodium, ICP, Dry ash (%)	0553	0.11800	0.00800	0.12775	0.00839	0.00456	28	-1.16	4%	0
035.41	Sodium, ICP, Dry ash (%)	0964	0.11970	0.00660	0.12775	0.00839	0.00456	28	-0.96	3%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.12000	0.00000	0.12775	0.00839	0.00456	28	-0.92	3%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.12000	0.02000	0.12775	0.00839	0.00456	28	-0.92	3%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.12000	0.00000	0.12775	0.00839	0.00456	28	-0.92	3%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.12445	0.00310	0.12775	0.00839	0.00456	28	-0.39	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.12500	0.01000	0.12775	0.00839	0.00456	28	-0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.12500	0.01000	0.12775	0.00839	0.00456	28	-0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.12500	0.01000	0.12775	0.00839	0.00456	28	-0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.12550	0.00100	0.12775	0.00839	0.00456	28	-0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.12550	0.00300	0.12775	0.00839	0.00456	28	-0.27	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
035.41	Sodium, ICP, Dry ash (%)	0407	0.12550	0.00100	0.12775	0.00839	0.00456	28	-0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.12600	0.00200	0.12775	0.00839	0.00456	28	-0.21	1%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.12800	0.00200	0.12775	0.00839	0.00456	28	0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.13000	0.00000	0.12775	0.00839	0.00456	28	0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.13000	0.00000	0.12775	0.00839	0.00456	28	0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.13000	0.00000	0.12775	0.00839	0.00456	28	0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.13220	0.00380	0.12775	0.00839	0.00456	28	0.53	2%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.13255	0.00010	0.12775	0.00839	0.00456	28	0.57	2%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.13500	0.00000	0.12775	0.00839	0.00456	28	0.86	3%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.13650	0.00500	0.12775	0.00839	0.00456	28	1.04	3%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.13850	0.00300	0.12775	0.00839	0.00456	28	1.28	4%	0
035.41	Sodium, ICP, Dry ash (%)	0100	0.14000	0.00000	0.12775	0.00839	0.00456	28	1.46	5%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.14500	0.01000	0.12775	0.00839	0.00456	28	2.06	7%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.15000	0.02000	0.12775	0.00839	0.00456	28	2.65	9%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.15450	0.00900	0.12775	0.00839	0.00456	28	3.19	10%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.11640	0.00860	0.12583	0.00642	0.00536	15	-1.47	4%	0
035.42	Sodium, ICP, Open vessel (%)	0096	0.12000	0.00000	0.12583	0.00642	0.00536	15	-0.91	2%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.12000	0.00000	0.12583	0.00642	0.00536	15	-0.91	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.12050	0.00300	0.12583	0.00642	0.00536	15	-0.83	2%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.12150	0.00300	0.12583	0.00642	0.00536	15	-0.68	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.12250	0.00100	0.12583	0.00642	0.00536	15	-0.52	1%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.12500	0.01000	0.12583	0.00642	0.00536	15	-0.13	0%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.12500	0.01000	0.12583	0.00642	0.00536	15	-0.13	0%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.12800	0.00400	0.12583	0.00642	0.00536	15	0.34	1%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.12910	0.00780	0.12583	0.00642	0.00536	15	0.51	1%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.12950	0.00300	0.12583	0.00642	0.00536	15	0.57	1%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.13000	0.00000	0.12583	0.00642	0.00536	15	0.65	2%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.13000	0.00000	0.12583	0.00642	0.00536	15	0.65	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.15000	0.02000	0.12583	0.00642	0.00536	15	3.76	10%	0
035.42	Sodium, ICP, Open vessel (%)	0106	0.17500	0.01000	0.12583	0.00642	0.00536	15	7.66	20%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.10000	0.00000	0.12570	0.00855	0.00251	16	-3.01	10%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.10000	0.00000	0.12570	0.00855	0.00251	16	-3.01	10%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.12000	0.00000	0.12570	0.00855	0.00251	16	-0.67	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.12000	0.00000	0.12570	0.00855	0.00251	16	-0.67	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.12000	0.00400	0.12570	0.00855	0.00251	16	-0.67	2%	0
035.43	Sodium, ICP, Microwave (%)	0008	0.12350	0.00100	0.12570	0.00855	0.00251	16	-0.26	1%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.12400	0.00600	0.12570	0.00855	0.00251	16	-0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.12500	0.01000	0.12570	0.00855	0.00251	16	-0.08	0%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.12535	0.00210	0.12570	0.00855	0.00251	16	-0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	2052	0.12600	0.00400	0.12570	0.00855	0.00251	16	0.03	0%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.12650	0.00100	0.12570	0.00855	0.00251	16	0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.12850	0.00100	0.12570	0.00855	0.00251	16	0.33	1%	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	Rob SD	R-bar	# Labs			
035.43	Sodium, ICP, Microwave (%)	0353	0.13500	0.01000	0.12570	0.00855	0.00251	16	1.09	4%	0
035.43	Sodium, ICP, Microwave (%)	2058	0.14000	0.00000	0.12570	0.00855	0.00251	16	1.67	6%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.14450	0.00100	0.12570	0.00855	0.00251	16	2.20	7%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.16000	0.00000	0.12570	0.00855	0.00251	16	4.01	14%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0096	0.13000	0.00000	0.13200	0.00283	0.00090	2	-0.71	1%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.13400	0.00180	0.13200	0.00283	0.00090	2	0.71	1%	0
035.53	Sodium, ICP-MS, Microwave (%)	2055	0.11500	0.00000	0.12406	0.00626	0.00403	4	-1.45	4%	0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.12500	0.01000	0.12406	0.00626	0.00403	4	0.15	0%	0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.12725	0.00210	0.12406	0.00626	0.00403	4	0.51	1%	0
035.53	Sodium, ICP-MS, Microwave (%)	0413	0.12900	0.00400	0.12406	0.00626	0.00403	4	0.79	2%	0
035.99	Sodium, Miscellaneous (%)	0242	0.13000	0.00000	0.53833	0.57746	0.02165	2	-0.71	38%	0
035.99	Sodium, Miscellaneous (%)	0889	0.94665	0.04330	0.53833	0.57746	0.02165	2	0.71	38%	0
036.04	Sulfur, LECO (%)	0229	0.22000	0.00000	0.23000	0.00866	0.00667	3	-1.15	2%	0
036.04	Sulfur, LECO (%)	0098	0.23500	0.01000	0.23000	0.00866	0.00667	3	0.58	1%	0
036.04	Sulfur, LECO (%)	0226	0.23500	0.01000	0.23000	0.00866	0.00667	3	0.58	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0106	0.19000	0.00000	0.21420	0.00960	0.00417	15	-2.52	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.20450	0.00100	0.21420	0.00960	0.00417	15	-1.01	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.20500	0.01000	0.21420	0.00960	0.00417	15	-0.96	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.20900	0.00600	0.21420	0.00960	0.00417	15	-0.54	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.21000	0.00000	0.21420	0.00960	0.00417	15	-0.44	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.21000	0.00000	0.21420	0.00960	0.00417	15	-0.44	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.21000	0.00000	0.21420	0.00960	0.00417	15	-0.44	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.21350	0.00900	0.21420	0.00960	0.00417	15	-0.07	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.21500	0.01000	0.21420	0.00960	0.00417	15	0.08	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.21550	0.00300	0.21420	0.00960	0.00417	15	0.14	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.21950	0.00500	0.21420	0.00960	0.00417	15	0.55	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.22030	0.00360	0.21420	0.00960	0.00417	15	0.64	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.23000	0.00000	0.21420	0.00960	0.00417	15	1.65	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.23500	0.01000	0.21420	0.00960	0.00417	15	2.17	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.24350	0.00500	0.21420	0.00960	0.00417	15	3.05	7%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.19200	0.02800	0.21278	0.01424	0.00733	9	-1.46	5%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.20000	0.00000	0.21278	0.01424	0.00733	9	-0.90	3%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.20500	0.00000	0.21278	0.01424	0.00733	9	-0.55	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.21000	0.00000	0.21278	0.01424	0.00733	9	-0.20	1%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.21400	0.01600	0.21278	0.01424	0.00733	9	0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.21400	0.00200	0.21278	0.01424	0.00733	9	0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.22500	0.01000	0.21278	0.01424	0.00733	9	0.86	3%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.22500	0.01000	0.21278	0.01424	0.00733	9	0.86	3%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.23000	0.00000	0.21278	0.01424	0.00733	9	1.21	4%	0
036.99	Sulfur, Miscellaneous (%)	0889	0.19615	0.00170	0.20558	0.01333	0.00585	2	-0.71	2%	0
036.99	Sulfur, Miscellaneous (%)	0242	0.21500	0.01000	0.20558	0.01333	0.00585	2	0.71	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0921	101.00	0.00000	161.20	7.3493	3.1206	18	-8.19	19%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0178	148.00	1.6000	161.20	7.3493	3.1206	18	-1.80	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	152.00	2.0000	161.20	7.3493	3.1206	18	-1.25	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	154.90	2.4200	161.20	7.3493	3.1206	18	-0.86	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	156.50	1.0000	161.20	7.3493	3.1206	18	-0.64	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	158.50	3.0000	161.20	7.3493	3.1206	18	-0.37	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	159.00	6.0000	161.20	7.3493	3.1206	18	-0.30	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	160.00	0.00000	161.20	7.3493	3.1206	18	-0.16	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0653	160.55	2.7000	161.20	7.3493	3.1206	18	-0.09	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	161.45	2.9000	161.20	7.3493	3.1206	18	0.03	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	162.00	2.0000	161.20	7.3493	3.1206	18	0.11	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	163.00	0.00000	161.20	7.3493	3.1206	18	0.25	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0596	163.71	11.510	161.20	7.3493	3.1206	18	0.34	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	165.00	0.00000	161.20	7.3493	3.1206	18	0.52	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0884	171.15	8.5000	161.20	7.3493	3.1206	18	1.35	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	172.75	6.5700	161.20	7.3493	3.1206	18	1.57	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	173.52	4.2100	161.20	7.3493	3.1206	18	1.68	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0674	184.42	1.7600	161.20	7.3493	3.1206	18	3.16	7%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	157.40	3.0000	173.58	18.571	11.400	4	-0.87	5%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	160.00	4.0000	173.58	18.571	11.400	4	-0.73	4%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	179.90	32.600	173.58	18.571	11.400	4	0.34	2%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	197.00	6.0000	173.58	18.571	11.400	4	1.26	7%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	158.28	3.5600	160.24	2.7719	7.4800	2	-0.71	1%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	162.20	11.400	160.24	2.7719	7.4800	2	0.71	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0553	146.00	0.00000	161.03	6.6168	5.3885	27	-2.27	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	151.50	9.0000	161.03	6.6168	5.3885	27	-1.44	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	154.50	7.0000	161.03	6.6168	5.3885	27	-0.99	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	155.00	4.0000	161.03	6.6168	5.3885	27	-0.91	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0610	155.00	10.000	161.03	6.6168	5.3885	27	-0.91	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	155.00	10.000	161.03	6.6168	5.3885	27	-0.91	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	157.08	3.9200	161.03	6.6168	5.3885	27	-0.60	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	157.79	3.6000	161.03	6.6168	5.3885	27	-0.49	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	157.95	2.1000	161.03	6.6168	5.3885	27	-0.46	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	158.00	4.0000	161.03	6.6168	5.3885	27	-0.46	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0051	158.80	5.8900	161.03	6.6168	5.3885	27	-0.34	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	159.50	1.0000	161.03	6.6168	5.3885	27	-0.23	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	159.50	5.0000	161.03	6.6168	5.3885	27	-0.23	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	159.50	7.0000	161.03	6.6168	5.3885	27	-0.23	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	159.95	3.1000	161.03	6.6168	5.3885	27	-0.16	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0964	160.65	3.1000	161.03	6.6168	5.3885	27	-0.06	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	162.00	6.0000	161.03	6.6168	5.3885	27	0.15	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	162.20	14.200	161.03	6.6168	5.3885	27	0.18	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	163.50	1.0000	161.03	6.6168	5.3885	27	0.37	1%	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	Rob SD	R-bar	# Labs			
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	165.50	11.000	161.03	6.6168	5.3885	27	0.68	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	168.20	11.800	161.03	6.6168	5.3885	27	1.08	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	168.50	7.0000	161.03	6.6168	5.3885	27	1.13	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	168.95	1.3000	161.03	6.6168	5.3885	27	1.20	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0100	170.50	5.0000	161.03	6.6168	5.3885	27	1.43	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	171.73	2.4800	161.03	6.6168	5.3885	27	1.62	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	176.50	3.0000	161.03	6.6168	5.3885	27	2.34	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	177.00	4.0000	161.03	6.6168	5.3885	27	2.41	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	152.00	10.000	162.26	8.8867	10.593	15	-1.15	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	152.25	5.7000	162.26	8.8867	10.593	15	-1.13	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0096	155.00	30.000	162.26	8.8867	10.593	15	-0.82	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	157.00	28.000	162.26	8.8867	10.593	15	-0.59	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	157.00	2.0000	162.26	8.8867	10.593	15	-0.59	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	157.00	8.0000	162.26	8.8867	10.593	15	-0.59	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	158.85	1.3000	162.26	8.8867	10.593	15	-0.38	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	161.00	16.000	162.26	8.8867	10.593	15	-0.14	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	161.60	0.40000	162.26	8.8867	10.593	15	-0.07	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	162.50	1.0000	162.26	8.8867	10.593	15	0.03	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	167.00	2.0000	162.26	8.8867	10.593	15	0.53	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	171.50	13.000	162.26	8.8867	10.593	15	1.04	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	172.50	15.000	162.26	8.8867	10.593	15	1.15	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	180.50	1.0000	162.26	8.8867	10.593	15	2.05	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	192.15	25.500	162.26	8.8867	10.593	15	3.36	9%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0106	325.00	120.00	162.26	8.8867	10.593	15	18.31	50%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	137.94	14.780	158.34	9.6973	4.7933	21	-2.10	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	142.50	1.0000	158.34	9.6973	4.7933	21	-1.63	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0037	145.20	3.2000	158.34	9.6973	4.7933	21	-1.35	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	146.00	2.0000	158.34	9.6973	4.7933	21	-1.27	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	148.05	0.10000	158.34	9.6973	4.7933	21	-1.06	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	148.10	0.40000	158.34	9.6973	4.7933	21	-1.06	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	149.00	0.00000	158.34	9.6973	4.7933	21	-0.96	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	157.00	6.0000	158.34	9.6973	4.7933	21	-0.14	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	159.00	6.0000	158.34	9.6973	4.7933	21	0.07	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0008	160.00	2.0000	158.34	9.6973	4.7933	21	0.17	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0504	160.45	20.300	158.34	9.6973	4.7933	21	0.22	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	162.00	6.0000	158.34	9.6973	4.7933	21	0.38	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	162.00	0.00000	158.34	9.6973	4.7933	21	0.38	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	162.50	5.0000	158.34	9.6973	4.7933	21	0.43	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2052	163.50	3.0000	158.34	9.6973	4.7933	21	0.53	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	163.55	4.4000	158.34	9.6973	4.7933	21	0.54	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	164.50	7.0000	158.34	9.6973	4.7933	21	0.64	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	166.50	7.0000	158.34	9.6973	4.7933	21	0.84	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	Rob SD	R-bar	# Labs			
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2058	168.85	1.0500	158.34	9.6973	4.7933	21	1.08	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	169.97	4.2300	158.34	9.6973	4.7933	21	1.20	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	172.20	7.2000	158.34	9.6973	4.7933	21	1.43	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0168	160.00	40.000	158.34	9.6973	4.7933	21	0.17	1%	1
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	166.50	9.0000	167.75	1.7678	11.500	2	-0.71	0%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0955	169.00	14.000	167.75	1.7678	11.500	2	0.71	0%	0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0096	155.00	10.000			10.000	1			
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2055	122.00	2.0000	146.68	16.670	11.695	4	-1.48	8%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	152.00	14.000	146.68	16.670	11.695	4	0.32	2%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0413	154.20	15.780	146.68	16.670	11.695	4	0.45	3%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	158.50	15.000	146.68	16.670	11.695	4	0.71	4%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	129.50	1.0000	147.00	24.749	4.0000	2	-0.71	6%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	164.50	7.0000	147.00	24.749	4.0000	2	0.71	6%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0964	1.7025	0.18100	1.7539	0.07266	0.13775	2	-0.71	1%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	1.8053	0.09450	1.7539	0.07266	0.13775	2	0.71	1%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0560	1.7200	0.06000	1.8433	0.10681	0.13333	3	-1.15	3%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.9050	0.03000	1.8433	0.10681	0.13333	3	0.58	2%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.9050	0.31000	1.8433	0.10681	0.13333	3	0.58	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	1.6878	0.49546	0.13912	10	-3.41	50%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	1.0450	0.39000	1.6878	0.49546	0.13912	10	-1.30	19%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0504	1.4525	0.41100	1.6878	0.49546	0.13912	10	-0.47	7%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.5000	0.00000	1.6878	0.49546	0.13912	10	-0.38	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	1.6150	0.01000	1.6878	0.49546	0.13912	10	-0.15	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	1.8189	0.15020	1.6878	0.49546	0.13912	10	0.26	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	1.8850	0.03000	1.6878	0.49546	0.13912	10	0.40	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	2.0500	0.10000	1.6878	0.49546	0.13912	10	0.73	11%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	2.0700	0.18000	1.6878	0.49546	0.13912	10	0.77	11%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0003	2.5000	0.12000	1.6878	0.49546	0.13912	10	1.64	24%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0098	1.6515	0.10500			0.10500	1			
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2055	1.6500	0.10000	1.8493	0.14448	0.06300	5	-1.38	5%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	1.7400	0.10000	1.8493	0.14448	0.06300	5	-0.76	3%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	1.9470	0.05400	1.8493	0.14448	0.06300	5	0.68	3%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.9500	0.04000	1.8493	0.14448	0.06300	5	0.70	3%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0413	1.9595	0.02100	1.8493	0.14448	0.06300	5	0.76	3%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	9.5500	3.7000			3.7000	1			
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0504	10.028	4.5050			4.5050	1			
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0096	7.4500	0.30000			0.30000	1			
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	6.8326	0.20920			0.20920	1			
041.43	Vanadium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000			0.00000	1			
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.35700	0.00400			0.00400	1			
042.00	Chloride, Titrimetric (%)	0297	0.21000	0.00000			0.00000	1			
045.00	Amprolium, Color (mg / kg (ppm))	0019	0.01055	0.00050	109.79	7.2693	3.2751	8	-15.10	50%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
045.00	Amprolium, Color (mg / kg (ppm))	0043	0.01115	0.00010	109.79	7.2693	3.2751	8	-15.10	50%	0
045.00	Amprolium, Color (mg / kg (ppm))	0036	94.150	0.30000	109.79	7.2693	3.2751	8	-2.15	7%	0
045.00	Amprolium, Color (mg / kg (ppm))	0171	111.00	2.0000	109.79	7.2693	3.2751	8	0.17	1%	0
045.00	Amprolium, Color (mg / kg (ppm))	0511	113.00	8.0000	109.79	7.2693	3.2751	8	0.44	1%	0
045.00	Amprolium, Color (mg / kg (ppm))	0017	114.50	3.0000	109.79	7.2693	3.2751	8	0.65	2%	0
045.00	Amprolium, Color (mg / kg (ppm))	0009	115.00	4.0000	109.79	7.2693	3.2751	8	0.72	2%	0
045.00	Amprolium, Color (mg / kg (ppm))	0013	117.65	8.9000	109.79	7.2693	3.2751	8	1.08	4%	0
045.02	Amprolium, LC (mg / kg (ppm))	0047	66.750	0.90000	110.07	9.7005	2.6910	10	-4.47	20%	0
045.02	Amprolium, LC (mg / kg (ppm))	2053	99.200	1.0000	110.07	9.7005	2.6910	10	-1.12	5%	0
045.02	Amprolium, LC (mg / kg (ppm))	0033	104.50	3.0000	110.07	9.7005	2.6910	10	-0.57	3%	0
045.02	Amprolium, LC (mg / kg (ppm))	0964	107.40	1.0000	110.07	9.7005	2.6910	10	-0.28	1%	0
045.02	Amprolium, LC (mg / kg (ppm))	0003	108.00	2.0000	110.07	9.7005	2.6910	10	-0.21	1%	0
045.02	Amprolium, LC (mg / kg (ppm))	0875	112.50	9.0000	110.07	9.7005	2.6910	10	0.25	1%	0
045.02	Amprolium, LC (mg / kg (ppm))	0014	114.00	2.0000	110.07	9.7005	2.6910	10	0.40	2%	0
045.02	Amprolium, LC (mg / kg (ppm))	0218	117.12	0.44000	110.07	9.7005	2.6910	10	0.73	3%	0
045.02	Amprolium, LC (mg / kg (ppm))	0001	120.82	7.5700	110.07	9.7005	2.6910	10	1.11	5%	0
045.02	Amprolium, LC (mg / kg (ppm))	0004	121.00	0.00000	110.07	9.7005	2.6910	10	1.13	5%	0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	953.50	63.000	1,240.5	405.88	93.000	2	-0.71	12%	0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0939	1,527.5	123.00	1,240.5	405.88	93.000	2	0.71	12%	0
101.02	Choline Chloride, LC (mg / kg (ppm))	0051	1,438.3	46.100			46.100	1			
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	145.00	6.0000			6.0000	1			
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	28.900	0.60000			0.60000	1			
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	4.2850	0.23000	6.2300	2.7506	0.47000	2	-0.71	16%	0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	8.1750	0.71000	6.2300	2.7506	0.47000	2	0.71	16%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2023	9.7000	0.20000			0.20000	1			
105.00	Thiamine, LC (mg / kg (ppm))	2023	6.9500	0.10000			0.10000	1			
106.01	Vitamin A, UV (KU / kg)	0098	5.1100	0.54000			0.54000	1			
106.02	Vitamin A, LC (KU / kg)	0008	4.7050	0.49000	10.347	2.9462	0.81674	14	-1.92	27%	0
106.02	Vitamin A, LC (KU / kg)	0910	5.3100	0.00000	10.347	2.9462	0.81674	14	-1.71	24%	0
106.02	Vitamin A, LC (KU / kg)	0675	7.8500	0.30000	10.347	2.9462	0.81674	14	-0.85	12%	0
106.02	Vitamin A, LC (KU / kg)	0875	8.7000	1.0000	10.347	2.9462	0.81674	14	-0.56	8%	0
106.02	Vitamin A, LC (KU / kg)	0905	9.2190	2.1600	10.347	2.9462	0.81674	14	-0.38	5%	0
106.02	Vitamin A, LC (KU / kg)	0941	9.8855	0.38100	10.347	2.9462	0.81674	14	-0.16	2%	0
106.02	Vitamin A, LC (KU / kg)	2004	9.9800	0.64000	10.347	2.9462	0.81674	14	-0.12	2%	0
106.02	Vitamin A, LC (KU / kg)	0861	10.750	0.30000	10.347	2.9462	0.81674	14	0.14	2%	0
106.02	Vitamin A, LC (KU / kg)	0208	11.980	1.5600	10.347	2.9462	0.81674	14	0.55	8%	0
106.02	Vitamin A, LC (KU / kg)	0563	12.084	1.4563	10.347	2.9462	0.81674	14	0.59	8%	0
106.02	Vitamin A, LC (KU / kg)	2023	12.600	1.6000	10.347	2.9462	0.81674	14	0.76	11%	0
106.02	Vitamin A, LC (KU / kg)	2067	12.657	0.09700	10.347	2.9462	0.81674	14	0.78	11%	0
106.02	Vitamin A, LC (KU / kg)	2058	12.825	0.05000	10.347	2.9462	0.81674	14	0.84	12%	0
106.02	Vitamin A, LC (KU / kg)	0610	14.400	1.4000	10.347	2.9462	0.81674	14	1.38	20%	0
106.02	Vitamin A, LC (KU / kg)	0227	133.50	1.0000	10.347	2.9462	0.81674	14	41.80	595%	2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	40.400	2.2000			2.2000	1			
108.01	Vitamin D3, LC, AOAC (KU / kg)	2023	5.4450	0.23000			0.23000	1			
108.02	Vitamin D3, LC (KU / kg)	0675	4.7950	0.39000	5.7490	0.90782	0.45000	5	-1.05	8%	0
108.02	Vitamin D3, LC (KU / kg)	0610	5.0850	1.1100	5.7490	0.90782	0.45000	5	-0.73	6%	0
108.02	Vitamin D3, LC (KU / kg)	2066	5.4550	0.05000	5.7490	0.90782	0.45000	5	-0.32	3%	0
108.02	Vitamin D3, LC (KU / kg)	0227	6.5800	0.54000	5.7490	0.90782	0.45000	5	0.92	7%	0
108.02	Vitamin D3, LC (KU / kg)	2058	6.8300	0.16000	5.7490	0.90782	0.45000	5	1.19	9%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	6.5800	0.46000			0.46000	1			
109.02	Vitamin E, LC (mg / kg (ppm))	0675	24.730	18.220	48.954	12.334	2.9144	15	-1.96	25%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0098	32.500	2.8000	48.954	12.334	2.9144	15	-1.33	17%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0723	34.440	0.00000	48.954	12.334	2.9144	15	-1.18	15%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2058	41.075	0.65000	48.954	12.334	2.9144	15	-0.64	8%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0875	43.500	1.0000	48.954	12.334	2.9144	15	-0.44	6%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0208	46.738	3.6440	48.954	12.334	2.9144	15	-0.18	2%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0905	48.500	3.0000	48.954	12.334	2.9144	15	-0.04	0%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2067	49.000	0.66600	48.954	12.334	2.9144	15	0.00	0%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0008	50.070	5.8400	48.954	12.334	2.9144	15	0.09	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0563	54.838	2.3956	48.954	12.334	2.9144	15	0.48	6%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2023	56.850	0.50000	48.954	12.334	2.9144	15	0.64	8%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0861	57.500	1.0000	48.954	12.334	2.9144	15	0.69	9%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0610	58.250	3.5000	48.954	12.334	2.9144	15	0.75	9%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0910	63.050	0.30000	48.954	12.334	2.9144	15	1.14	14%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0227	88.000	0.20000	48.954	12.334	2.9144	15	3.17	40%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0199	66.900	24.000	48.954	12.334	2.9144	15	1.45	18%	1
113.01	Folic Acid, Microbiological (mg / kg (ppm))	0227	1.9900	0.12000			0.12000	1			
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	2.2150	0.09000			0.09000	1			
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.83000	0.00000	0.85391	0.01254	0.01008	13	-1.91	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	0.83500	0.03000	0.85391	0.01254	0.01008	13	-1.51	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.84500	0.01000	0.85391	0.01254	0.01008	13	-0.71	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.84500	0.01000	0.85391	0.01254	0.01008	13	-0.71	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.84900	0.01600	0.85391	0.01254	0.01008	13	-0.39	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.85500	0.01000	0.85391	0.01254	0.01008	13	0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.85500	0.01000	0.85391	0.01254	0.01008	13	0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.85635	0.00230	0.85391	0.01254	0.01008	13	0.19	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.85900	0.01000	0.85391	0.01254	0.01008	13	0.41	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.86250	0.00100	0.85391	0.01254	0.01008	13	0.69	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0160	0.86335	0.00570	0.85391	0.01254	0.01008	13	0.75	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.86500	0.01000	0.85391	0.01254	0.01008	13	0.88	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.89200	0.01600	0.85391	0.01254	0.01008	13	3.04	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.80740	0.04640	0.85391	0.01254	0.01008	13	-3.71	3%	1
120.01	Alanine, Pre-col OPA Der (%)	0297	1.2050	0.00000			0.00000	1			
120.02	Alanine, Post-col OPA Der (%)	2023	0.82500	0.03000	0.86078	0.05059	0.01885	2	-0.71	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	Rob SD	R-bar	# Labs			
120.02	Alanine, Post-col OPA Der (%)	0098	0.89655	0.00770	0.86078	0.05059	0.01885	2	0.71	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0939	0.82000	0.00000	0.85075	0.03197	0.02100	4	-0.96	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2052	0.83000	0.04600	0.85075	0.03197	0.02100	4	-0.65	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0008	0.86300	0.03000	0.85075	0.03197	0.02100	4	0.38	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.89000	0.00800	0.85075	0.03197	0.02100	4	1.23	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.0514	0.03100	1.1367	0.02731	0.01478	13	-3.13	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.1000	0.02000	1.1367	0.02731	0.01478	13	-1.35	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.1100	0.00000	1.1367	0.02731	0.01478	13	-0.98	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.1215	0.01100	1.1367	0.02731	0.01478	13	-0.56	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.1300	0.02000	1.1367	0.02731	0.01478	13	-0.25	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.1350	0.01000	1.1367	0.02731	0.01478	13	-0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.1395	0.02500	1.1367	0.02731	0.01478	13	0.10	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.1415	0.03100	1.1367	0.02731	0.01478	13	0.17	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.1496	0.00090	1.1367	0.02731	0.01478	13	0.47	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.1550	0.01000	1.1367	0.02731	0.01478	13	0.67	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.1580	0.01400	1.1367	0.02731	0.01478	13	0.78	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.1605	0.00900	1.1367	0.02731	0.01478	13	0.87	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0160	1.3658	0.01020	1.1367	0.02731	0.01478	13	8.39	10%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	0.80900	0.00200			0.00200	1			
121.02	Arginine, Post-col OPA Der (%)	0098	1.1333	0.00500	1.1767	0.06131	0.01250	2	-0.71	2%	0
121.02	Arginine, Post-col OPA Der (%)	2023	1.2200	0.02000	1.1767	0.06131	0.01250	2	0.71	2%	0
121.05	Arginine, Pre-col AQC Der (%)	2052	1.0500	0.00000	1.1248	0.05759	0.06050	4	-1.30	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.1240	0.00000	1.1248	0.05759	0.06050	4	-0.01	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0939	1.1350	0.05000	1.1248	0.05759	0.06050	4	0.18	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0008	1.1900	0.19200	1.1248	0.05759	0.06050	4	1.13	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0160	1.4359	0.03140	1.5474	0.03984	0.01778	12	-2.80	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.4950	0.01000	1.5474	0.03984	0.01778	12	-1.31	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.5050	0.01000	1.5474	0.03984	0.01778	12	-1.06	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.5200	0.02000	1.5474	0.03984	0.01778	12	-0.69	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.5350	0.01000	1.5474	0.03984	0.01778	12	-0.31	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.5480	0.00600	1.5474	0.03984	0.01778	12	0.02	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.5630	0.02400	1.5474	0.03984	0.01778	12	0.39	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.5705	0.02300	1.5474	0.03984	0.01778	12	0.58	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.5730	0.05200	1.5474	0.03984	0.01778	12	0.64	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.5780	0.01000	1.5474	0.03984	0.01778	12	0.77	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.5846	0.00700	1.5474	0.03984	0.01778	12	0.93	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.5950	0.01000	1.5474	0.03984	0.01778	12	1.20	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.4802	0.13210	1.5474	0.03984	0.01778	12	-1.69	2%	1
122.01	Aspartic, Pre-col OPA Der (%)	0297	1.5315	0.00300			0.00300	1			
122.02	Aspartic, Post-col OPA Der (%)	2023	1.5600	0.04000	1.5710	0.01559	0.02195	2	-0.71	0%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.5821	0.00390	1.5710	0.01559	0.02195	2	0.71	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	2052	1.4550	0.17000	1.5463	0.06191	0.05750	4	-1.47	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	Rob SD	R-bar	# Labs			
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.5635	0.01700	1.5463	0.06191	0.05750	4	0.28	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0939	1.5750	0.03000	1.5463	0.06191	0.05750	4	0.46	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0008	1.5915	0.01300	1.5463	0.06191	0.05750	4	0.73	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.29050	0.00100	0.30812	0.01250	0.01413	14	-1.41	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.29500	0.01000	0.30812	0.01250	0.01413	14	-1.05	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.30000	0.02000	0.30812	0.01250	0.01413	14	-0.65	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.30000	0.02000	0.30812	0.01250	0.01413	14	-0.65	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.30000	0.02000	0.30812	0.01250	0.01413	14	-0.65	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.30300	0.00000	0.30812	0.01250	0.01413	14	-0.41	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.30350	0.00100	0.30812	0.01250	0.01413	14	-0.37	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.30755	0.01410	0.30812	0.01250	0.01413	14	-0.05	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0160	0.31475	0.03670	0.30812	0.01250	0.01413	14	0.53	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.31500	0.01000	0.30812	0.01250	0.01413	14	0.55	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.31550	0.00300	0.30812	0.01250	0.01413	14	0.59	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.31750	0.04500	0.30812	0.01250	0.01413	14	0.75	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2022	0.32500	0.01000	0.30812	0.01250	0.01413	14	1.35	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.34750	0.00700	0.30812	0.01250	0.01413	14	3.15	6%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.29350	0.00500			0.00500	1			
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.31020	0.01940	0.32510	0.02107	0.00970	2	-0.71	2%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.34000	0.00000	0.32510	0.02107	0.00970	2	0.71	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0939	0.32500	0.03000	0.32900	0.00566	0.02200	2	-0.71	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2052	0.33300	0.01400	0.32900	0.00566	0.02200	2	0.71	1%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0008	0.20450	0.02900			0.02900	1			
125.00	Glutamic, Post-col Ninhydrin Der (%)	0160	3.0471	0.05800	3.1578	0.05410	0.02980	12	-2.05	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.1080	0.00200	3.1578	0.05410	0.02980	12	-0.92	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.1100	0.04000	3.1578	0.05410	0.02980	12	-0.88	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.1395	0.00500	3.1578	0.05410	0.02980	12	-0.34	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.1450	0.03000	3.1578	0.05410	0.02980	12	-0.24	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.1460	0.01200	3.1578	0.05410	0.02980	12	-0.22	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.1525	0.00360	3.1578	0.05410	0.02980	12	-0.10	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.1650	0.03000	3.1578	0.05410	0.02980	12	0.13	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.2020	0.02000	3.1578	0.05410	0.02980	12	0.82	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.2050	0.03000	3.1578	0.05410	0.02980	12	0.87	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.2050	0.01000	3.1578	0.05410	0.02980	12	0.87	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.3195	0.11700	3.1578	0.05410	0.02980	12	2.99	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.9452	0.19330	3.1578	0.05410	0.02980	12	-3.93	3%	1
125.01	Glutamic, Pre-col OPA Der (%)	0297	3.1242	0.05030			0.05030	1			
125.02	Glutamic, Post-col OPA Der (%)	0098	3.1379	0.01770	3.2139	0.10759	0.07885	2	-0.71	1%	0
125.02	Glutamic, Post-col OPA Der (%)	2023	3.2900	0.14000	3.2139	0.10759	0.07885	2	0.71	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2052	3.0500	0.40000	3.1221	0.09208	0.18125	4	-0.78	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0939	3.0800	0.10000	3.1221	0.09208	0.18125	4	-0.46	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.1020	0.11600	3.1221	0.09208	0.18125	4	-0.22	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	Rob SD	R-bar	# Labs			
125.05	Glutamic, Pre-col AQC Der (%)	0008	3.2565	0.10900	3.1221	0.09208	0.18125	4	1.46	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.71055	0.04390	0.76226	0.01337	0.01385	13	-3.87	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.74000	0.00000	0.76226	0.01337	0.01385	13	-1.67	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.75500	0.01000	0.76226	0.01337	0.01385	13	-0.54	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.75500	0.01000	0.76226	0.01337	0.01385	13	-0.54	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.75500	0.01000	0.76226	0.01337	0.01385	13	-0.54	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.75650	0.00500	0.76226	0.01337	0.01385	13	-0.43	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.76400	0.00800	0.76226	0.01337	0.01385	13	0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.76760	0.00040	0.76226	0.01337	0.01385	13	0.40	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.76800	0.02200	0.76226	0.01337	0.01385	13	0.43	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.76950	0.00700	0.76226	0.01337	0.01385	13	0.54	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.77350	0.00300	0.76226	0.01337	0.01385	13	0.84	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.77500	0.01000	0.76226	0.01337	0.01385	13	0.95	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0160	0.79740	0.05080	0.76226	0.01337	0.01385	13	2.63	2%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	0.73500	0.00600			0.00600	1			
126.02	Glycine, Post-col OPA Der (%)	2023	0.77500	0.01000	0.78708	0.01708	0.00585	2	-0.71	1%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.79915	0.00170	0.78708	0.01708	0.00585	2	0.71	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2052	0.77500	0.04600	0.79363	0.01941	0.03825	4	-0.96	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0939	0.78000	0.02000	0.79363	0.01941	0.03825	4	-0.70	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.80350	0.00700	0.79363	0.01941	0.03825	4	0.51	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0008	0.81600	0.08000	0.79363	0.01941	0.03825	4	1.15	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.42940	0.03220	0.45410	0.01223	0.00858	13	-2.02	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.44000	0.00000	0.45410	0.01223	0.00858	13	-1.15	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.44500	0.01000	0.45410	0.01223	0.00858	13	-0.74	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.45000	0.00000	0.45410	0.01223	0.00858	13	-0.34	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.45000	0.02000	0.45410	0.01223	0.00858	13	-0.34	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.45100	0.00400	0.45410	0.01223	0.00858	13	-0.25	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.45100	0.01800	0.45410	0.01223	0.00858	13	-0.25	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.45500	0.01000	0.45410	0.01223	0.00858	13	0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.46000	0.00000	0.45410	0.01223	0.00858	13	0.48	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.46150	0.00500	0.45410	0.01223	0.00858	13	0.60	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.46200	0.01000	0.45410	0.01223	0.00858	13	0.65	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.47150	0.00240	0.45410	0.01223	0.00858	13	1.42	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.47500	0.00000	0.45410	0.01223	0.00858	13	1.71	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0160	0.54075	0.07270	0.45410	0.01223	0.00858	13	7.08	10%	1
127.01	Histidine, Pre-col OPA Der (%)	0297	0.43550	0.00500			0.00500	1			
127.02	Histidine, Post-col OPA Der (%)	2023	0.45500	0.01000	0.45790	0.00410	0.00770	2	-0.71	0%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.46080	0.00540	0.45790	0.00410	0.00770	2	0.71	0%	0
127.05	Histidine, Pre-col AQC Der (%)	2052	0.46500	0.02200	0.48788	0.02834	0.02675	4	-0.81	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.46650	0.00500	0.48788	0.02834	0.02675	4	-0.75	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0008	0.49500	0.07000	0.48788	0.02834	0.02675	4	0.25	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0939	0.52500	0.01000	0.48788	0.02834	0.02675	4	1.31	4%	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	Rob SD	R-bar	# Labs			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.60500	0.01000	0.65269	0.01536	0.01059	13	-3.10	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.60500	0.01000	0.65269	0.01536	0.01059	13	-3.10	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.63390	0.03460	0.65269	0.01536	0.01059	13	-1.22	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.64450	0.00700	0.65269	0.01536	0.01059	13	-0.53	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.64500	0.01000	0.65269	0.01536	0.01059	13	-0.50	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.65500	0.01000	0.65269	0.01536	0.01059	13	0.15	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.65500	0.00600	0.65269	0.01536	0.01059	13	0.15	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.65850	0.00900	0.65269	0.01536	0.01059	13	0.38	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.66100	0.00400	0.65269	0.01536	0.01059	13	0.54	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.66250	0.00300	0.65269	0.01536	0.01059	13	0.64	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.66500	0.01000	0.65269	0.01536	0.01059	13	0.80	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.66905	0.00410	0.65269	0.01536	0.01059	13	1.06	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.67000	0.02000	0.65269	0.01536	0.01059	13	1.13	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0160	0.63230	0.08100	0.65269	0.01536	0.01059	13	-1.33	2%	1
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.69400	0.00800			0.00800	1			
128.02	Isoleucine, Post-col OPA Der (%)	2023	0.63500	0.01000	0.66485	0.04221	0.01120	2	-0.71	2%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.69470	0.01240	0.66485	0.04221	0.01120	2	0.71	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2052	0.66350	0.01900	0.71513	0.06947	0.08275	4	-0.74	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0939	0.68500	0.01000	0.71513	0.06947	0.08275	4	-0.43	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.69450	0.01500	0.71513	0.06947	0.08275	4	-0.30	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0008	0.81750	0.28700	0.71513	0.06947	0.08275	4	1.47	7%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.3000	0.04000	1.3644	0.01466	0.00706	12	-4.39	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.3500	0.00000	1.3644	0.01466	0.00706	12	-0.98	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.3500	0.00000	1.3644	0.01466	0.00706	12	-0.98	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.3565	0.00900	1.3644	0.01466	0.00706	12	-0.54	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.3573	0.00190	1.3644	0.01466	0.00706	12	-0.49	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.3650	0.01000	1.3644	0.01466	0.00706	12	0.04	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.3665	0.00300	1.3644	0.01466	0.00706	12	0.14	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.3680	0.00400	1.3644	0.01466	0.00706	12	0.25	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0160	1.3718	0.00880	1.3644	0.01466	0.00706	12	0.51	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.3750	0.00200	1.3644	0.01466	0.00706	12	0.72	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.3810	0.00600	1.3644	0.01466	0.00706	12	1.13	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.4000	0.00000	1.3644	0.01466	0.00706	12	2.43	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.2288	0.06530	1.3644	0.01466	0.00706	12	-9.25	5%	1
129.01	Leucine, Pre-col OPA Der (%)	0297	1.3550	0.01800			0.01800	1			
129.02	Leucine, Post-col OPA Der (%)	2023	1.3900	0.02000	1.3969	0.00969	0.01000	2	-0.71	0%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.4037	0.00000	1.3969	0.00969	0.01000	2	0.71	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0939	1.3200	0.00000	1.3791	0.04611	0.03225	4	-1.28	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2052	1.3650	0.03000	1.3791	0.04611	0.03225	4	-0.31	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.4155	0.00500	1.3791	0.04611	0.03225	4	0.79	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0008	1.4160	0.09400	1.3791	0.04611	0.03225	4	0.80	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.82140	0.04780	0.86085	0.01053	0.01776	16	-3.75	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	Rob SD	R-bar	# Labs			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	0.84500	0.01000	0.86085	0.01053	0.01776	16	-1.51	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.85000	0.02000	0.86085	0.01053	0.01776	16	-1.03	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.85500	0.03000	0.86085	0.01053	0.01776	16	-0.56	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.85500	0.01000	0.86085	0.01053	0.01776	16	-0.56	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.85700	0.01800	0.86085	0.01053	0.01776	16	-0.37	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0512	0.85815	0.02510	0.86085	0.01053	0.01776	16	-0.26	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.85900	0.05400	0.86085	0.01053	0.01776	16	-0.18	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.86100	0.00800	0.86085	0.01053	0.01776	16	0.01	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.86350	0.00100	0.86085	0.01053	0.01776	16	0.25	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.86500	0.01000	0.86085	0.01053	0.01776	16	0.39	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0160	0.86755	0.01570	0.86085	0.01053	0.01776	16	0.64	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.86850	0.00300	0.86085	0.01053	0.01776	16	0.73	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.87650	0.01160	0.86085	0.01053	0.01776	16	1.49	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.88500	0.01000	0.86085	0.01053	0.01776	16	2.29	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.91500	0.01000	0.86085	0.01053	0.01776	16	5.14	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	2.2500	0.12000	0.86085	0.01053	0.01776	16	131.92	81%	2
130.01	L-Lysine, Pre-col OPA Der (%)	0035	0.77300	0.02200	0.83867	0.06924	0.01467	3	-0.95	4%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0297	0.83200	0.00200	0.83867	0.06924	0.01467	3	-0.10	0%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0596	0.91100	0.02000	0.83867	0.06924	0.01467	3	1.04	4%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.91975	0.00750	0.94988	0.04260	0.03375	2	-0.71	2%	0
130.02	L-Lysine, Post-col OPA Der (%)	2023	0.98000	0.06000	0.94988	0.04260	0.03375	2	0.71	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0016	0.71300	0.02200	0.88364	0.01590	0.02133	6	-10.73	10%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.87500	0.03000	0.88364	0.01590	0.02133	6	-0.54	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0939	0.88000	0.04000	0.88364	0.01590	0.02133	6	-0.23	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.88800	0.01600	0.88364	0.01590	0.02133	6	0.27	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0008	0.89400	0.02000	0.88364	0.01590	0.02133	6	0.65	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	0.90200	0.00000	0.88364	0.01590	0.02133	6	1.15	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2052	0.87800	0.20800	0.88364	0.01590	0.02133	6	-0.36	0%	1
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.34000	0.02000	0.37600	0.01457	0.00627	15	-2.47	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.34500	0.01000	0.37600	0.01457	0.00627	15	-2.13	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.35410	0.01160	0.37600	0.01457	0.00627	15	-1.50	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.36500	0.01000	0.37600	0.01457	0.00627	15	-0.76	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0685	0.37300	0.00000	0.37600	0.01457	0.00627	15	-0.21	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.37400	0.00200	0.37600	0.01457	0.00627	15	-0.14	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.37500	0.01000	0.37600	0.01457	0.00627	15	-0.07	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.37600	0.00400	0.37600	0.01457	0.00627	15	0.00	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0512	0.38350	0.00900	0.37600	0.01457	0.00627	15	0.51	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.38355	0.00050	0.37600	0.01457	0.00627	15	0.52	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.38500	0.01000	0.37600	0.01457	0.00627	15	0.62	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.38500	0.00400	0.37600	0.01457	0.00627	15	0.62	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.38600	0.00000	0.37600	0.01457	0.00627	15	0.69	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.39000	0.00000	0.37600	0.01457	0.00627	15	0.96	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	Rob SD	R-bar	# Labs			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.42850	0.00300	0.37600	0.01457	0.00627	15	3.60	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0160	0.37560	0.05220	0.37600	0.01457	0.00627	15	-0.03	0%	1
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.40300	0.01200	30.480	42.535	60.450	2	-0.71	49%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0596	60.556	120.89	30.480	42.535	60.450	2	0.71	49%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.38390	0.00040	0.40195	0.02553	0.01020	2	-0.71	2%	0
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.42000	0.02000	0.40195	0.02553	0.01020	2	0.71	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0939	0.35000	0.02000	0.36963	0.02014	0.01875	4	-0.97	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.35750	0.04100	0.36963	0.02014	0.01875	4	-0.60	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2052	0.37600	0.00400	0.36963	0.02014	0.01875	4	0.32	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.39500	0.01000	0.36963	0.02014	0.01875	4	1.26	3%	0
131.99	Methionine, Miscellaneous (%)	0008	0.29050	0.05500			0.05500	1			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.70865	0.02110	0.80167	0.01065	0.00823	13	-8.73	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.79000	0.01600	0.80167	0.01065	0.00823	13	-1.10	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.79000	0.00000	0.80167	0.01065	0.00823	13	-1.10	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.79100	0.00400	0.80167	0.01065	0.00823	13	-1.00	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.79800	0.01400	0.80167	0.01065	0.00823	13	-0.34	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	0.80000	0.00000	0.80167	0.01065	0.00823	13	-0.16	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.80500	0.03000	0.80167	0.01065	0.00823	13	0.31	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.80500	0.01000	0.80167	0.01065	0.00823	13	0.31	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.80665	0.00190	0.80167	0.01065	0.00823	13	0.47	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.80700	0.00000	0.80167	0.01065	0.00823	13	0.50	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.81000	0.00000	0.80167	0.01065	0.00823	13	0.78	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.81200	0.01000	0.80167	0.01065	0.00823	13	0.97	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.83000	0.00000	0.80167	0.01065	0.00823	13	2.66	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0160	0.74760	0.09800	0.80167	0.01065	0.00823	13	-5.08	3%	1
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.80800	0.00200			0.00200	1			
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.79775	0.01210	0.79888	0.00159	0.01605	2	-0.71	0%	0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	0.80000	0.02000	0.79888	0.00159	0.01605	2	0.71	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0939	0.78500	0.01000	0.81600	0.02783	0.02750	4	-1.11	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.80250	0.00700	0.81600	0.02783	0.02750	4	-0.49	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2052	0.82850	0.00100	0.81600	0.02783	0.02750	4	0.45	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0008	0.84800	0.09200	0.81600	0.02783	0.02750	4	1.15	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.0100	0.04000	1.0643	0.02797	0.02821	13	-1.94	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.0150	0.01000	1.0643	0.02797	0.02821	13	-1.76	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.0300	0.02000	1.0643	0.02797	0.02821	13	-1.23	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.0450	0.07000	1.0643	0.02797	0.02821	13	-0.69	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.0580	0.00400	1.0643	0.02797	0.02821	13	-0.23	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.0670	0.01800	1.0643	0.02797	0.02821	13	0.10	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.0680	0.03000	1.0643	0.02797	0.02821	13	0.13	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.0715	0.01300	1.0643	0.02797	0.02821	13	0.26	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.0740	0.00800	1.0643	0.02797	0.02821	13	0.35	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.0765	0.00700	1.0643	0.02797	0.02821	13	0.44	1%	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	Rob SD	R-bar	# Labs			
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.0850	0.09000	1.0643	0.02797	0.02821	13	0.74	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.0948	0.04810	1.0643	0.02797	0.02821	13	1.09	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0160	1.2380	0.00860	1.0643	0.02797	0.02821	13	6.21	8%	0
133.05	Proline, Pre-col AQC Der (%)	2052	1.0450	0.01000	1.1004	0.03953	0.03325	4	-1.40	3%	0
133.05	Proline, Pre-col AQC Der (%)	0939	1.1000	0.04000	1.1004	0.03953	0.03325	4	-0.01	0%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.1225	0.00300	1.1004	0.03953	0.03325	4	0.56	1%	0
133.05	Proline, Pre-col AQC Der (%)	0008	1.1340	0.08000	1.1004	0.03953	0.03325	4	0.85	2%	0
133.99	Proline, Miscellaneous (%)	2023	1.7550	0.05000			0.05000	1			
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.73000	0.04000	0.81892	0.02740	0.01685	13	-3.25	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.78700	0.00600	0.81892	0.02740	0.01685	13	-1.16	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.79500	0.01000	0.81892	0.02740	0.01685	13	-0.87	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	0.80000	0.04000	0.81892	0.02740	0.01685	13	-0.69	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.81400	0.01200	0.81892	0.02740	0.01685	13	-0.18	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.81500	0.01000	0.81892	0.02740	0.01685	13	-0.14	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.81900	0.00800	0.81892	0.02740	0.01685	13	0.00	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.82650	0.00500	0.81892	0.02740	0.01685	13	0.28	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.83000	0.02000	0.81892	0.02740	0.01685	13	0.40	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.83515	0.00630	0.81892	0.02740	0.01685	13	0.59	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.84150	0.02900	0.81892	0.02740	0.01685	13	0.82	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.84500	0.01000	0.81892	0.02740	0.01685	13	0.95	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0160	0.86180	0.02280	0.81892	0.02740	0.01685	13	1.56	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.63920	0.11600	0.81892	0.02740	0.01685	13	-6.56	11%	1
134.01	Serine, Pre-col OPA Der (%)	0297	0.80900	0.00400			0.00400	1			
134.02	Serine, Post-col OPA Der (%)	0098	0.69045	0.00610	0.76273	0.10221	0.01805	2	-0.71	5%	0
134.02	Serine, Post-col OPA Der (%)	2023	0.83500	0.03000	0.76273	0.10221	0.01805	2	0.71	5%	0
134.05	Serine, Pre-col AQC Der (%)	0939	0.79500	0.01000	0.82613	0.03419	0.03625	4	-0.91	2%	0
134.05	Serine, Pre-col AQC Der (%)	2052	0.79950	0.05100	0.82613	0.03419	0.03625	4	-0.78	2%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.84600	0.00800	0.82613	0.03419	0.03625	4	0.58	1%	0
134.05	Serine, Pre-col AQC Der (%)	0008	0.86400	0.07600	0.82613	0.03419	0.03625	4	1.11	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.56460	0.03320	0.62707	0.01154	0.01139	14	-5.41	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.60500	0.01000	0.62707	0.01154	0.01139	14	-1.91	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.61500	0.01000	0.62707	0.01154	0.01139	14	-1.05	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.62000	0.02000	0.62707	0.01154	0.01139	14	-0.61	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.62250	0.00100	0.62707	0.01154	0.01139	14	-0.40	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.62500	0.03000	0.62707	0.01154	0.01139	14	-0.18	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.62650	0.00100	0.62707	0.01154	0.01139	14	-0.05	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.62700	0.00000	0.62707	0.01154	0.01139	14	-0.01	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.63000	0.02000	0.62707	0.01154	0.01139	14	0.25	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.63150	0.00500	0.62707	0.01154	0.01139	14	0.38	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.63315	0.00210	0.62707	0.01154	0.01139	14	0.53	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.64250	0.01500	0.62707	0.01154	0.01139	14	1.34	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.68000	0.00000	0.62707	0.01154	0.01139	14	4.58	4%	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	Rob SD	R-bar	# Labs			
135.00	Threonine, Post-col Ninhydrin Der (%)	0160	0.69515	0.01210	0.62707	0.01154	0.01139	14	5.90	5%	0
135.01	Threonine, Pre-col OPA Der (%)	0297	0.62250	0.00500			0.00500	1			
135.02	Threonine, Post-col OPA Der (%)	0098	0.61885	0.00230	0.62193	0.00435	0.01615	2	-0.71	0%	0
135.02	Threonine, Post-col OPA Der (%)	2023	0.62500	0.03000	0.62193	0.00435	0.01615	2	0.71	0%	0
135.05	Threonine, Pre-col AQC Der (%)	2052	0.63400	0.01000	0.64675	0.00913	0.01650	4	-1.40	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.64750	0.00700	0.64675	0.00913	0.01650	4	0.08	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0939	0.65000	0.00000	0.64675	0.00913	0.01650	4	0.36	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0008	0.65550	0.04900	0.64675	0.00913	0.01650	4	0.96	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0918	0.16800	0.00000	0.24861	0.08092	0.01386	5	-1.00	16%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0941	0.18500	0.01000	0.24861	0.08092	0.01386	5	-0.79	13%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0227	0.24500	0.01000	0.24861	0.08092	0.01386	5	-0.04	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0684	0.27400	0.00200	0.24861	0.08092	0.01386	5	0.31	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0160	0.37105	0.04730	0.24861	0.08092	0.01386	5	1.51	25%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2052	0.18800	0.00400	0.21500	0.01665	0.00320	5	-1.62	6%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.21150	0.00100	0.21500	0.01665	0.00320	5	-0.21	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.22050	0.00500	0.21500	0.01665	0.00320	5	0.33	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.22400	0.00200	0.21500	0.01665	0.00320	5	0.54	2%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.23100	0.00400	0.21500	0.01665	0.00320	5	0.96	4%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0008	0.19000	0.04200	0.21500	0.01665	0.00320	5	-1.50	6%	1
136.02	Tryptophan, Alka-Hydrol Post-col OPA Der (%)	2023	0.22000	0.00000	0.22425	0.00601	0.00050	2	-0.71	1%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA Der (%)	0098	0.22850	0.00100	0.22425	0.00601	0.00050	2	0.71	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.22450	0.00300	0.22475	0.00035	0.00150	2	-0.71	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.22500	0.00000	0.22475	0.00035	0.00150	2	0.71	0%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.22500	0.03000			0.03000	1			
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.41575	0.01950	0.54159	0.02984	0.01574	11	-4.22	12%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0160	0.50760	0.01760	0.54159	0.02984	0.01574	11	-1.14	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.52500	0.01000	0.54159	0.02984	0.01574	11	-0.56	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.52600	0.01200	0.54159	0.02984	0.01574	11	-0.52	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.53250	0.00900	0.54159	0.02984	0.01574	11	-0.30	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.54500	0.05000	0.54159	0.02984	0.01574	11	0.11	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.54600	0.00800	0.54159	0.02984	0.01574	11	0.15	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.55500	0.01000	0.54159	0.02984	0.01574	11	0.45	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.56650	0.00500	0.54159	0.02984	0.01574	11	0.83	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.56700	0.00200	0.54159	0.02984	0.01574	11	0.85	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.60500	0.03000	0.54159	0.02984	0.01574	11	2.13	6%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.57800	0.00200			0.00200	1			
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.51500	0.01000	0.52953	0.02054	0.00625	2	-0.71	1%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.54405	0.00250	0.52953	0.02054	0.00625	2	0.71	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2052	0.40750	0.00300	0.48500	0.05950	0.02650	4	-1.30	8%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0008	0.47100	0.04200	0.48500	0.05950	0.02650	4	-0.24	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0939	0.52000	0.02000	0.48500	0.05950	0.02650	4	0.59	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.54150	0.04100	0.48500	0.05950	0.02650	4	0.95	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0160	0.59790	0.01960	0.77806	0.02381	0.01478	13	-7.57	12%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.72500	0.01000	0.77806	0.02381	0.01478	13	-2.23	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.75300	0.02400	0.77806	0.02381	0.01478	13	-1.05	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.76500	0.01000	0.77806	0.02381	0.01478	13	-0.55	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.77355	0.02990	0.77806	0.02381	0.01478	13	-0.19	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.77500	0.01000	0.77806	0.02381	0.01478	13	-0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.78000	0.02000	0.77806	0.02381	0.01478	13	0.08	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.78500	0.00200	0.77806	0.02381	0.01478	13	0.29	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.79000	0.00200	0.77806	0.02381	0.01478	13	0.50	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.79550	0.02100	0.77806	0.02381	0.01478	13	0.73	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.79770	0.00360	0.77806	0.02381	0.01478	13	0.82	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.79900	0.00000	0.77806	0.02381	0.01478	13	0.88	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.81000	0.04000	0.77806	0.02381	0.01478	13	1.34	2%	0
138.01	Valine, Pre-col OPA Der (%)	0297	0.87100	0.00000			0.00000	1			
138.02	Valine, Post-col OPA Der (%)	2023	0.66000	0.02000	0.75208	0.13021	0.01535	2	-0.71	6%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.84415	0.01070	0.75208	0.13021	0.01535	2	0.71	6%	0
138.05	Valine, Pre-col AQC Der (%)	2052	0.78300	0.01800	0.81400	0.04085	0.02150	4	-0.76	2%	0
138.05	Valine, Pre-col AQC Der (%)	0939	0.78500	0.01000	0.81400	0.04085	0.02150	4	-0.71	2%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.81750	0.02100	0.81400	0.04085	0.02150	4	0.09	0%	0
138.05	Valine, Pre-col AQC Der (%)	0008	0.87050	0.03700	0.81400	0.04085	0.02150	4	1.38	3%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.14500	0.01000	0.20000	0.07778	0.01000	2	-0.71	14%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.25500	0.01000	0.20000	0.07778	0.01000	2	0.71	14%	0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
139.02	Taurine, Post-col OPA Der (%)	2023	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
143.00	Lysine Available, LC (%)	0685	0.94950	0.00100			0.00100	1			
160.99	Fructose, Miscellaneous (%)	0297	0.14650	0.00100	0.20050	0.05425	0.01033	3	-1.00	13%	0
160.99	Fructose, Miscellaneous (%)	0148	0.20000	0.00000	0.20050	0.05425	0.01033	3	-0.01	0%	0
160.99	Fructose, Miscellaneous (%)	0227	0.25500	0.03000	0.20050	0.05425	0.01033	3	1.00	14%	0
161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000			0.00000	1			
162.99	Glucose, Miscellaneous (%)	0148	0.09500	0.01000	0.47538	0.58770	0.04025	4	-0.65	40%	0
162.99	Glucose, Miscellaneous (%)	0297	0.18150	0.02100	0.47538	0.58770	0.04025	4	-0.50	31%	0
162.99	Glucose, Miscellaneous (%)	0227	0.27500	0.03000	0.47538	0.58770	0.04025	4	-0.34	21%	0
162.99	Glucose, Miscellaneous (%)	0629	1.3500	0.10000	0.47538	0.58770	0.04025	4	1.49	92%	0
163.99	Lactose, Miscellaneous (%)	0148	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
163.99	Lactose, Miscellaneous (%)	0297	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
164.99	Maltose, Miscellaneous (%)	0148	0.08500	0.01000	0.51083	0.40874	0.04767	3	-1.04	42%	0
164.99	Maltose, Miscellaneous (%)	0297	0.54750	0.13300	0.51083	0.40874	0.04767	3	0.09	4%	0
164.99	Maltose, Miscellaneous (%)	0629	0.90000	0.00000	0.51083	0.40874	0.04767	3	0.95	38%	0
165.99	Sucrose, Miscellaneous (%)	0199	2.4700	0.08000	2.8923	0.30727	0.05220	5	-1.37	7%	0
165.99	Sucrose, Miscellaneous (%)	0148	2.8500	0.04000	2.8923	0.30727	0.05220	5	-0.14	1%	0
165.99	Sucrose, Miscellaneous (%)	0629	2.9000	0.00000	2.8923	0.30727	0.05220	5	0.03	0%	0
165.99	Sucrose, Miscellaneous (%)	0227	2.9050	0.11000	2.8923	0.30727	0.05220	5	0.04	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	Rob SD	R-bar	# Labs			
165.99	Sucrose, Miscellaneous (%)	0297	3.3365	0.03100	2.8923	0.30727	0.05220	5	1.45	8%	0
166.99	Raffinose, Miscellaneous (%)	0297	1.0170	0.00400			0.00400	1			
167.99	Stachyose, Miscellaneous (%)	0297	1.1810	0.00800			0.00800	1			
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.48000	0.00000	0.48625	0.00884	0.00050	2	-0.71	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.49250	0.00100	0.48625	0.00884	0.00050	2	0.71	1%	0
400.99	Water activity, Miscellaneous (Units)	0552	0.52685	0.00150			0.00150	1			
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0939	0.03630	0.00080	0.04215	0.00827	0.00240	2	-0.71	7%	0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0563	0.04800	0.00400	0.04215	0.00827	0.00240	2	0.71	7%	0
516.34	Arsenic, total, AAS, Graphite furnace (mg / kg (ppm))	0596	4.9000	0.84000			0.84000	1			
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	0.10947	0.11000	0.01520	3	-1.00	50%	0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0964	0.10840	0.00560	0.10947	0.11000	0.01520	3	-0.01	0%	0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0003	0.22000	0.04000	0.10947	0.11000	0.01520	3	1.00	50%	0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0098	0.07750	0.00100			0.00100	1			
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.05400	0.00400	0.05765	0.00402	0.00362	6	-0.91	3%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0413	0.05485	0.00090	0.05765	0.00402	0.00362	6	-0.70	2%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0199	0.05500	0.01000	0.05765	0.00402	0.00362	6	-0.66	2%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.05920	0.00680	0.05765	0.00402	0.00362	6	0.39	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0168	0.06000	0.00000	0.05765	0.00402	0.00362	6	0.59	2%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	2058	0.08000	0.00000	0.05765	0.00402	0.00362	6	5.56	19%	0
518.34	Cadmium, AAS, Graphite furnace (mg / kg (ppm))	0939	0.04500	0.01000	27.641	55.150	1.2285	4	-0.50	50%	0
518.34	Cadmium, AAS, Graphite furnace (mg / kg (ppm))	0610	0.05000	0.00000	27.641	55.150	1.2285	4	-0.50	50%	0
518.34	Cadmium, AAS, Graphite furnace (mg / kg (ppm))	0563	0.10300	0.01400	27.641	55.150	1.2285	4	-0.50	50%	0
518.34	Cadmium, AAS, Graphite furnace (mg / kg (ppm))	0596	110.37	4.8900	27.641	55.150	1.2285	4	1.50	150%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0968	0.05000	0.00000	0.05725	0.01025	0.00200	2	-0.71	6%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.06450	0.00400	0.05725	0.01025	0.00200	2	0.71	6%	0
518.42	Cadmium, ICP, Open vessel (mg / kg (ppm))	0021	0.04650	0.00100			0.00100	1			
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	0.01863	0.02571	0.01075	4	-0.72	50%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0425	0.00000	0.00000	0.01863	0.02571	0.01075	4	-0.72	50%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0003	0.02000	0.04000	0.01863	0.02571	0.01075	4	0.05	4%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0964	0.05450	0.00300	0.01863	0.02571	0.01075	4	1.40	96%	0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.05000	0.00000	0.05075	0.00106	0.00450	2	-0.71	1%	0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0098	0.05150	0.00900	0.05075	0.00106	0.00450	2	0.71	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2055	0.04500	0.00000	0.04933	0.00226	0.00082	6	-1.92	4%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.04750	0.00300	0.04933	0.00226	0.00082	6	-0.81	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0413	0.04925	0.00110	0.04933	0.00226	0.00082	6	-0.04	0%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.05000	0.00000	0.04933	0.00226	0.00082	6	0.29	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2058	0.05000	0.00000	0.04933	0.00226	0.00082	6	0.29	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.05800	0.00080	0.04933	0.00226	0.00082	6	3.83	9%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.05500	0.01000	0.04933	0.00226	0.00082	6	2.51	6%	1
520.31	Chromium, AAS, Dry ash (mg / kg (ppm))	0563	1.8050	0.09000			0.09000	1			
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	1.0523	0.03050			0.03050	1			
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0096	1.5000	1.0000			1.0000	1			

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	1.7431	1.8450	0.02578	4	-0.94	50%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	1.1350	0.03000	1.7431	1.8450	0.02578	4	-0.33	17%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0964	1.4975	0.03310	1.7431	1.8450	0.02578	4	-0.13	7%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0003	4.3400	0.04000	1.7431	1.8450	0.02578	4	1.41	74%	0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.45000	0.10000			0.10000	1			
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2055	0.63300	0.06200	1.0839	0.26155	0.12180	5	-1.72	21%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	1.1200	0.08000	1.0839	0.26155	0.12180	5	0.14	2%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.1340	0.39200	1.0839	0.26155	0.12180	5	0.19	2%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2052	1.2650	0.05000	1.0839	0.26155	0.12180	5	0.69	8%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0413	1.2675	0.02500	1.0839	0.26155	0.12180	5	0.70	8%	0
520.99	Chromium, Miscellaneous (mg / kg (ppm))	0968	2.4070	0.59800			0.59800	1			
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0921	0.10260	0.00000			0.00000	1			
526.34	Lead, AAS, Graphite furnace (mg / kg (ppm))	0563	0.07850	0.01500	264.39	457.80	82.548	3	-0.58	50%	0
526.34	Lead, AAS, Graphite furnace (mg / kg (ppm))	0939	0.08500	0.01000	264.39	457.80	82.548	3	-0.58	50%	0
526.34	Lead, AAS, Graphite furnace (mg / kg (ppm))	0596	793.02	247.62	264.39	457.80	82.548	3	1.15	100%	0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0425	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0098	0.05350	0.00300	0.05425	0.00106	0.00650	2	-0.71	1%	0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.05500	0.01000	0.05425	0.00106	0.00650	2	0.71	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	2058	0.05000	0.00000	0.06095	0.00881	0.00537	6	-1.24	9%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.05780	0.00380	0.06095	0.00881	0.00537	6	-0.36	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0413	0.05890	0.00840	0.06095	0.00881	0.00537	6	-0.23	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.05900	0.00000	0.06095	0.00881	0.00537	6	-0.22	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0168	0.07000	0.02000	0.06095	0.00881	0.00537	6	1.03	7%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0199	0.07000	0.00000	0.06095	0.00881	0.00537	6	1.03	7%	0
529.00	Mercury, Cold vapor (µg / kg (ppb))	0425	0.00000	0.00000	39.423	55.752	2.1250	2	-0.71	50%	0
529.00	Mercury, Cold vapor (µg / kg (ppb))	0596	78.845	4.2500	39.423	55.752	2.1250	2	0.71	50%	0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	1.7748	0.00450			0.00450	1			
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	2.2042	2.2514	0.03557	3	-0.98	50%	0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0964	2.1127	0.06670	2.2042	2.2514	0.03557	3	-0.04	2%	0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0003	4.5000	0.04000	2.2042	2.2514	0.03557	3	1.02	52%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	1.8400	0.06000	1.9288	0.08381	0.09033	3	-1.06	2%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	1.9400	0.18000	1.9288	0.08381	0.09033	3	0.13	0%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0413	2.0065	0.03100	1.9288	0.08381	0.09033	3	0.93	2%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	0689	0.45000	0.30000							
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	0623	0.60000	0.20000							
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	0723	0.91000	0.00000							
600.03	Total Aflatoxin, Charm ROSA Fast Aflatoxin Quan	0589	1.0000	2.0000							
600.11	Total Aflatoxin, r-Biopharm Ridascreen Aflatoxin tc	0880	0.55000	1.1000							
600.14	Total Aflatoxin, Vicam Aflatest (µg / kg (ppb))	0505	0.65000	0.00000							
600.20	Total Aflatoxin, LC (µg / kg (ppb))	0042	0.00000	0.00000							
620.04	Total Fumonisin, Charm ROSA Fast 5 FUMQ (µg,	0589	0.00000	0.00000							



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
640.01	T-2, Neogen Veratox T-2 / HT-2 (µg / kg (ppb))	0227	78.900	13.600							
650.01	Zearalenone, Neogen Veratox Zearalenone (µg / t	0227	134.50	5.0000							