



Method Proficiency Testing Report Regular Program

Sample # 201625
Swine Feed, Medicated

Labs Reporting: 198
Issue Date : 06/30/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.40000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	4.9650	0.05000	7.9840	0.79537	0.10573	7	-3.80	19%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	7.1500	0.20000	7.9840	0.79537	0.10573	7	-1.05	5%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	8.3321	0.06010	7.9840	0.79537	0.10573	7	0.44	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.3400	0.30000	7.9840	0.79537	0.10573	7	0.45	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	8.4050	0.03000	7.9840	0.79537	0.10573	7	0.53	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	8.4150	0.05000	7.9840	0.79537	0.10573	7	0.54	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.4550	0.05000	7.9840	0.79537	0.10573	7	0.59	3%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	8.3750	0.05000	8.5650	0.15979	0.02000	4	-1.19	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	8.4950	0.01000	8.5650	0.15979	0.02000	4	-0.44	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	8.6650	0.01000	8.5650	0.15979	0.02000	4	0.63	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	8.7250	0.01000	8.5650	0.15979	0.02000	4	1.00	1%	0
001.05	Loss on Drying, LECO (%)	0610	8.2200	0.02000				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	4.5150	0.15000	8.3692	0.33079	0.12538	37	-11.65	23%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.4100	0.12000	8.3692	0.33079	0.12538	37	-2.90	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	7.9000	0.00000	8.3692	0.33079	0.12538	37	-1.42	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.9250	0.45000	8.3692	0.33079	0.12538	37	-1.34	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0065	8.0050	0.19000	8.3692	0.33079	0.12538	37	-1.10	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	8.0100	0.36000	8.3692	0.33079	0.12538	37	-1.09	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.0300	0.00000	8.3692	0.33079	0.12538	37	-1.03	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	8.1200	0.20000	8.3692	0.33079	0.12538	37	-0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.1300	0.02000	8.3692	0.33079	0.12538	37	-0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.1500	0.50000	8.3692	0.33079	0.12538	37	-0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	8.1843	0.01480	8.3692	0.33079	0.12538	37	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.2300	0.04000	8.3692	0.33079	0.12538	37	-0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	8.2450	0.09000	8.3692	0.33079	0.12538	37	-0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.2500	0.10000	8.3692	0.33079	0.12538	37	-0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.2500	0.04000	8.3692	0.33079	0.12538	37	-0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.2650	0.01000	8.3692	0.33079	0.12538	37	-0.31	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.2700	0.00000	8.3692	0.33079	0.12538	37	-0.30	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.3900	0.02000	8.3692	0.33079	0.12538	37	0.06	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.4000	0.02000	8.3692	0.33079	0.12538	37	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	8.4550	0.03000	8.3692	0.33079	0.12538	37	0.26	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	8.4715	0.04300	8.3692	0.33079	0.12538	37	0.31	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	8.4850	0.15000	8.3692	0.33079	0.12538	37	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.4900	0.32000	8.3692	0.33079	0.12538	37	0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	8.5000	0.24000	8.3692	0.33079	0.12538	37	0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.5000	0.20000	8.3692	0.33079	0.12538	37	0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	8.5300	0.00000	8.3692	0.33079	0.12538	37	0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	8.5350	0.15000	8.3692	0.33079	0.12538	37	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.6000	0.08000	8.3692	0.33079	0.12538	37	0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.6050	0.15000	8.3692	0.33079	0.12538	37	0.71	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.6164	0.04130	8.3692	0.33079	0.12538	37	0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.6200	0.32000	8.3692	0.33079	0.12538	37	0.76	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	8.6450	0.01000	8.3692	0.33079	0.12538	37	0.83	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.6800	0.00000	8.3692	0.33079	0.12538	37	0.94	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.8300	0.04000	8.3692	0.33079	0.12538	37	1.39	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.1000	0.40000	8.3692	0.33079	0.12538	37	2.21	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	9.2100	0.02000	8.3692	0.33079	0.12538	37	2.54	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.7800	0.12000	8.3692	0.33079	0.12538	37	4.27	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.3550	0.69000	8.3692	0.33079	0.12538	37	2.98	6%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	8.3650	0.45000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	8.7000	0.00000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	6.8400	0.02000	8.2035	0.48603	0.08219	16	-2.81	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	7.3100	0.32000	8.2035	0.48603	0.08219	16	-1.84	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.6750	0.01000	8.2035	0.48603	0.08219	16	-1.09	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	7.8600	0.14000	8.2035	0.48603	0.08219	16	-0.71	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	8.1200	0.24000	8.2035	0.48603	0.08219	16	-0.17	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	8.1400	0.20000	8.2035	0.48603	0.08219	16	-0.13	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	8.1500	0.12000	8.2035	0.48603	0.08219	16	-0.11	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	8.2350	0.05000	8.2035	0.48603	0.08219	16	0.06	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.2700	0.00000	8.2035	0.48603	0.08219	16	0.14	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.2850	0.07000	8.2035	0.48603	0.08219	16	0.17	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0644	8.3000	0.00000	8.2035	0.48603	0.08219	16	0.20	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	8.4550	0.03000	8.2035	0.48603	0.08219	16	0.52	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.4700	0.00000	8.2035	0.48603	0.08219	16	0.55	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.5000	0.00000	8.2035	0.48603	0.08219	16	0.61	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	8.9150	0.05000	8.2035	0.48603	0.08219	16	1.46	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2068	9.7465	0.06500	8.2035	0.48603	0.08219	16	3.17	9%	0
002.00	Protein, Crude (%)	0169	19.215	0.11000	19.920	0.93594	0.18625	4	-0.75	2%	0
002.00	Protein, Crude (%)	0028	19.500	0.24000	19.920	0.93594	0.18625	4	-0.45	1%	0
002.00	Protein, Crude (%)	0940	19.670	0.00000	19.920	0.93594	0.18625	4	-0.27	1%	0
002.00	Protein, Crude (%)	2128	21.296	0.39500	19.920	0.93594	0.18625	4	1.47	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.01	Protein, Auto Kjel-Foss (%)	0910	19.650	0.10000	19.863	0.17260	0.09208	13	-1.24	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	19.658	0.09900	19.863	0.17260	0.09208	13	-1.19	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	19.735	0.11000	19.863	0.17260	0.09208	13	-0.74	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0881	19.766	0.02800	19.863	0.17260	0.09208	13	-0.56	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	19.800	0.20000	19.863	0.17260	0.09208	13	-0.37	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0653	19.810	0.14000	19.863	0.17260	0.09208	13	-0.31	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0062	19.852	0.09500	19.863	0.17260	0.09208	13	-0.07	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	19.865	0.01000	19.863	0.17260	0.09208	13	0.01	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0723	19.890	0.00000	19.863	0.17260	0.09208	13	0.16	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	19.950	0.10000	19.863	0.17260	0.09208	13	0.50	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0870	20.025	0.26500	19.863	0.17260	0.09208	13	0.93	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	20.100	0.00000	19.863	0.17260	0.09208	13	1.37	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	20.515	0.05000	19.863	0.17260	0.09208	13	3.78	2%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	19.860	0.06000				2			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	19.949	0.16800				2			0
002.04	Protein, Copper Catalyst (%)	0405	19.150	0.00000	19.674	0.48121	0.25200	5	-1.09	1%	0
002.04	Protein, Copper Catalyst (%)	2057	19.300	0.56000	19.674	0.48121	0.25200	5	-0.78	1%	0
002.04	Protein, Copper Catalyst (%)	0874	19.610	0.22000	19.674	0.48121	0.25200	5	-0.13	0%	0
002.04	Protein, Copper Catalyst (%)	0728	20.005	0.17000	19.674	0.48121	0.25200	5	0.69	1%	0
002.04	Protein, Copper Catalyst (%)	0504	20.305	0.31000	19.674	0.48121	0.25200	5	1.31	2%	0
002.05	Protein, Copper, Boric Acid (%)	0674	19.010	0.00000	19.886	0.16550	0.10521	30	-5.29	2%	0
002.05	Protein, Copper, Boric Acid (%)	2097	19.370	0.11330	19.886	0.16550	0.10521	30	-3.12	1%	0
002.05	Protein, Copper, Boric Acid (%)	0921	19.380	0.00000	19.886	0.16550	0.10521	30	-3.06	1%	0
002.05	Protein, Copper, Boric Acid (%)	2006	19.700	0.20000	19.886	0.16550	0.10521	30	-1.12	0%	0
002.05	Protein, Copper, Boric Acid (%)	0722	19.721	0.11570	19.886	0.16550	0.10521	30	-1.00	0%	0
002.05	Protein, Copper, Boric Acid (%)	2012	19.725	0.33000	19.886	0.16550	0.10521	30	-0.97	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	19.736	0.06880	19.886	0.16550	0.10521	30	-0.91	0%	0
002.05	Protein, Copper, Boric Acid (%)	0651	19.752	0.05810	19.886	0.16550	0.10521	30	-0.81	0%	0
002.05	Protein, Copper, Boric Acid (%)	0596	19.800	0.00000	19.886	0.16550	0.10521	30	-0.52	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	19.835	0.03100	19.886	0.16550	0.10521	30	-0.31	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	19.835	0.13000	19.886	0.16550	0.10521	30	-0.31	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	19.849	0.02800	19.886	0.16550	0.10521	30	-0.22	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	19.850	0.04000	19.886	0.16550	0.10521	30	-0.22	0%	0
002.05	Protein, Copper, Boric Acid (%)	2106	19.860	0.22000	19.886	0.16550	0.10521	30	-0.16	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	19.875	0.01000	19.886	0.16550	0.10521	30	-0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	19.885	0.01000	19.886	0.16550	0.10521	30	-0.01	0%	0
002.05	Protein, Copper, Boric Acid (%)	2109	19.925	0.05000	19.886	0.16550	0.10521	30	0.23	0%	0
002.05	Protein, Copper, Boric Acid (%)	0194	19.940	0.02000	19.886	0.16550	0.10521	30	0.33	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	19.940	0.32000	19.886	0.16550	0.10521	30	0.33	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	19.950	0.10000	19.886	0.16550	0.10521	30	0.39	0%	0
002.05	Protein, Copper, Boric Acid (%)	0689	20.000	0.20000	19.886	0.16550	0.10521	30	0.69	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	20.018	0.30150	19.886	0.16550	0.10521	30	0.80	0%	0

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002.05	Protein, Copper, Boric Acid (%)	2073	20.020	0.06000	19.886	0.16550	0.10521	30	0.81	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	20.030	0.08000	19.886	0.16550	0.10521	30	0.87	0%	0
002.05	Protein, Copper, Boric Acid (%)	0622	20.044	0.01700	19.886	0.16550	0.10521	30	0.95	0%	0
002.05	Protein, Copper, Boric Acid (%)	0893	20.050	0.02000	19.886	0.16550	0.10521	30	0.99	0%	0
002.05	Protein, Copper, Boric Acid (%)	0623	20.068	0.46300	19.886	0.16550	0.10521	30	1.10	0%	0
002.05	Protein, Copper, Boric Acid (%)	0937	20.075	0.01000	19.886	0.16550	0.10521	30	1.14	0%	0
002.05	Protein, Copper, Boric Acid (%)	0552	20.085	0.15000	19.886	0.16550	0.10521	30	1.20	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	20.105	0.01000	19.886	0.16550	0.10521	30	1.32	1%	0
002.05	Protein, Copper, Boric Acid (%)	0955	19.800	1.0000	19.886	0.16550	0.10521	30	-0.52	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	18.735	0.33000	20.111	0.23375	0.15063	123	-5.89	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	18.941	0.18060	20.111	0.23375	0.15063	123	-5.00	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	19.165	0.57000	20.111	0.23375	0.15063	123	-4.05	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	19.170	0.18000	20.111	0.23375	0.15063	123	-4.02	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	19.385	0.11000	20.111	0.23375	0.15063	123	-3.10	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	19.560	0.14000	20.111	0.23375	0.15063	123	-2.36	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	19.625	0.01000	20.111	0.23375	0.15063	123	-2.08	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	19.670	0.04000	20.111	0.23375	0.15063	123	-1.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	19.690	0.08000	20.111	0.23375	0.15063	123	-1.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	19.698	0.42500	20.111	0.23375	0.15063	123	-1.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	19.705	0.03000	20.111	0.23375	0.15063	123	-1.74	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	19.720	0.04800	20.111	0.23375	0.15063	123	-1.67	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	19.735	0.15000	20.111	0.23375	0.15063	123	-1.61	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	19.750	0.10000	20.111	0.23375	0.15063	123	-1.54	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	19.752	0.00310	20.111	0.23375	0.15063	123	-1.54	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	19.800	0.00000	20.111	0.23375	0.15063	123	-1.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	19.840	0.02000	20.111	0.23375	0.15063	123	-1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	19.840	0.14000	20.111	0.23375	0.15063	123	-1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	19.850	0.04000	20.111	0.23375	0.15063	123	-1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	19.895	0.03000	20.111	0.23375	0.15063	123	-0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	19.900	0.20000	20.111	0.23375	0.15063	123	-0.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	19.915	0.07000	20.111	0.23375	0.15063	123	-0.84	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	19.915	0.07000	20.111	0.23375	0.15063	123	-0.84	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	19.935	0.08450	20.111	0.23375	0.15063	123	-0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	19.950	0.00000	20.111	0.23375	0.15063	123	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	19.961	0.08130	20.111	0.23375	0.15063	123	-0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	19.970	0.02000	20.111	0.23375	0.15063	123	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	19.980	0.22000	20.111	0.23375	0.15063	123	-0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	19.990	0.70000	20.111	0.23375	0.15063	123	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	19.990	0.10000	20.111	0.23375	0.15063	123	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	19.995	0.17000	20.111	0.23375	0.15063	123	-0.50	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	19.995	0.01000	20.111	0.23375	0.15063	123	-0.50	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	20.000	0.06000	20.111	0.23375	0.15063	123	-0.47	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	20.000	0.30000	20.111	0.23375	0.15063	123	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	20.000	0.20000	20.111	0.23375	0.15063	123	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	20.000	0.16000	20.111	0.23375	0.15063	123	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	20.000	0.00000	20.111	0.23375	0.15063	123	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	20.000	0.40000	20.111	0.23375	0.15063	123	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	20.001	0.37300	20.111	0.23375	0.15063	123	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	20.005	0.25000	20.111	0.23375	0.15063	123	-0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	20.005	0.37000	20.111	0.23375	0.15063	123	-0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	20.030	0.00000	20.111	0.23375	0.15063	123	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	20.035	0.57000	20.111	0.23375	0.15063	123	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	20.040	0.06000	20.111	0.23375	0.15063	123	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	20.040	0.30000	20.111	0.23375	0.15063	123	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0065	20.050	0.00650	20.111	0.23375	0.15063	123	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	20.050	0.10000	20.111	0.23375	0.15063	123	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	20.060	0.07100	20.111	0.23375	0.15063	123	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	20.060	0.00000	20.111	0.23375	0.15063	123	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	20.060	0.22000	20.111	0.23375	0.15063	123	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	20.065	0.55000	20.111	0.23375	0.15063	123	-0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	20.065	0.21000	20.111	0.23375	0.15063	123	-0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	20.090	0.18000	20.111	0.23375	0.15063	123	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	20.091	0.04400	20.111	0.23375	0.15063	123	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	20.100	0.20000	20.111	0.23375	0.15063	123	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	20.100	0.20000	20.111	0.23375	0.15063	123	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	20.100	0.00000	20.111	0.23375	0.15063	123	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	20.100	0.00000	20.111	0.23375	0.15063	123	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	20.100	0.32000	20.111	0.23375	0.15063	123	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	20.100	0.20000	20.111	0.23375	0.15063	123	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	20.105	0.13000	20.111	0.23375	0.15063	123	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	20.105	0.11000	20.111	0.23375	0.15063	123	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	20.110	0.06000	20.111	0.23375	0.15063	123	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0546	20.115	0.15500	20.111	0.23375	0.15063	123	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	20.115	0.23000	20.111	0.23375	0.15063	123	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	20.118	0.11900	20.111	0.23375	0.15063	123	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	20.134	0.01400	20.111	0.23375	0.15063	123	0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	20.135	0.16900	20.111	0.23375	0.15063	123	0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	20.135	0.49000	20.111	0.23375	0.15063	123	0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2095	20.135	0.15000	20.111	0.23375	0.15063	123	0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	20.140	0.14000	20.111	0.23375	0.15063	123	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	20.145	0.11000	20.111	0.23375	0.15063	123	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	20.150	0.10000	20.111	0.23375	0.15063	123	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	20.150	0.04000	20.111	0.23375	0.15063	123	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	20.150	0.10000	20.111	0.23375	0.15063	123	0.17	0%	0

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	20.152	0.09700	20.111	0.23375	0.15063	123	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	20.165	0.01000	20.111	0.23375	0.15063	123	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	20.180	0.00000	20.111	0.23375	0.15063	123	0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	20.185	0.05500	20.111	0.23375	0.15063	123	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	20.185	0.03000	20.111	0.23375	0.15063	123	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	20.195	0.05000	20.111	0.23375	0.15063	123	0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	20.195	0.13000	20.111	0.23375	0.15063	123	0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	20.200	0.40000	20.111	0.23375	0.15063	123	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	20.200	0.20000	20.111	0.23375	0.15063	123	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	20.200	0.20000	20.111	0.23375	0.15063	123	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	20.205	0.03000	20.111	0.23375	0.15063	123	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	20.215	0.19000	20.111	0.23375	0.15063	123	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	20.225	0.07000	20.111	0.23375	0.15063	123	0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	20.240	0.08000	20.111	0.23375	0.15063	123	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	20.240	0.08000	20.111	0.23375	0.15063	123	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	20.250	0.10000	20.111	0.23375	0.15063	123	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	20.260	0.04000	20.111	0.23375	0.15063	123	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	20.265	0.03000	20.111	0.23375	0.15063	123	0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	20.290	0.04000	20.111	0.23375	0.15063	123	0.77	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	20.295	0.03000	20.111	0.23375	0.15063	123	0.79	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	20.300	0.20000	20.111	0.23375	0.15063	123	0.81	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	20.300	0.20000	20.111	0.23375	0.15063	123	0.81	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	20.300	0.40000	20.111	0.23375	0.15063	123	0.81	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	20.310	0.02000	20.111	0.23375	0.15063	123	0.85	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	20.310	0.02000	20.111	0.23375	0.15063	123	0.85	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	20.320	0.02000	20.111	0.23375	0.15063	123	0.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	20.325	0.15000	20.111	0.23375	0.15063	123	0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	20.325	0.01000	20.111	0.23375	0.15063	123	0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	20.325	0.23000	20.111	0.23375	0.15063	123	0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	20.355	0.54300	20.111	0.23375	0.15063	123	1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	20.355	0.35000	20.111	0.23375	0.15063	123	1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	20.370	0.04000	20.111	0.23375	0.15063	123	1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	20.370	0.00000	20.111	0.23375	0.15063	123	1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	20.375	0.21300	20.111	0.23375	0.15063	123	1.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	20.375	0.07000	20.111	0.23375	0.15063	123	1.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	20.380	0.12000	20.111	0.23375	0.15063	123	1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	20.405	0.12700	20.111	0.23375	0.15063	123	1.26	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	20.500	0.16000	20.111	0.23375	0.15063	123	1.67	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0563	20.528	0.06500	20.111	0.23375	0.15063	123	1.78	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	20.535	0.31000	20.111	0.23375	0.15063	123	1.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	20.560	0.08000	20.111	0.23375	0.15063	123	1.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	20.580	0.40000	20.111	0.23375	0.15063	123	2.01	1%	0

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	20.675	0.19000	20.111	0.23375	0.15063	123	2.41	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	20.755	0.13000	20.111	0.23375	0.15063	123	2.76	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	21.025	0.01000	20.111	0.23375	0.15063	123	3.91	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	21.308	0.13300	20.111	0.23375	0.15063	123	5.12	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	21.335	0.59000	20.111	0.23375	0.15063	123	5.24	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	21.415	0.07000	20.111	0.23375	0.15063	123	5.58	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	20.150	1.5000	20.111	0.23375	0.15063	123	0.17	0%	1
002.08	Protein, Cu/Ti (%)	0098	19.800	0.04000	19.900	0.14142	0.22567	3			0
002.08	Protein, Cu/Ti (%)	0208	20.000	0.00000	19.900	0.14142	0.22567	3			0
002.08	Protein, Cu/Ti (%)	0563	20.469	0.63700	19.900	0.14142	0.22567	3			0
002.10	Protein, Block dig/distillation (%)	0629	20.145	0.01000				1			0
002.11	Protein, NIR (%)	0613	20.060	0.20000	21.288	1.1439	0.42510	10	-1.07	3%	0
002.11	Protein, NIR (%)	0596	20.075	2.8900	21.288	1.1439	0.42510	10	-1.06	3%	0
002.11	Protein, NIR (%)	0553	20.320	0.28000	21.288	1.1439	0.42510	10	-0.85	2%	0
002.11	Protein, NIR (%)	2128	20.720	0.19100	21.288	1.1439	0.42510	10	-0.50	1%	0
002.11	Protein, NIR (%)	0852	20.895	0.03000	21.288	1.1439	0.42510	10	-0.34	1%	0
002.11	Protein, NIR (%)	2121	21.765	0.03000	21.288	1.1439	0.42510	10	0.42	1%	0
002.11	Protein, NIR (%)	0297	21.940	0.20000	21.288	1.1439	0.42510	10	0.57	2%	0
002.11	Protein, NIR (%)	2120	21.995	0.23000	21.288	1.1439	0.42510	10	0.62	2%	0
002.11	Protein, NIR (%)	0034	22.105	0.13000	21.288	1.1439	0.42510	10	0.71	2%	0
002.11	Protein, NIR (%)	0720	24.765	0.07000	21.288	1.1439	0.42510	10	3.04	8%	0
002.11	Protein, NIR (%)	0889	11.300	18.040	21.288	1.1439	0.42510	10	-8.73	23%	1
002.99	Protein, Miscellaneous (%)	0681	18.480	0.04000	19.287	0.72947	0.07000	4	-1.11	2%	0
002.99	Protein, Miscellaneous (%)	0643	19.480	0.04000	19.287	0.72947	0.07000	4	0.27	1%	0
002.99	Protein, Miscellaneous (%)	0644	19.900	0.00000	19.287	0.72947	0.07000	4	0.84	2%	0
002.99	Protein, Miscellaneous (%)	2004	19.900	0.20000	19.287	0.72947	0.07000	4	0.84	2%	0
003.00	Fat, Eth Ext., Direct (%)	0885	3.5589	0.05560	4.6003	0.34757	0.11378	17	-3.00	11%	0
003.00	Fat, Eth Ext., Direct (%)	0939	4.1100	0.14000	4.6003	0.34757	0.11378	17	-1.41	5%	0
003.00	Fat, Eth Ext., Direct (%)	0142	4.2150	0.21000	4.6003	0.34757	0.11378	17	-1.11	4%	0
003.00	Fat, Eth Ext., Direct (%)	0884	4.2500	0.10000	4.6003	0.34757	0.11378	17	-1.01	4%	0
003.00	Fat, Eth Ext., Direct (%)	0596	4.3900	0.28000	4.6003	0.34757	0.11378	17	-0.61	2%	0
003.00	Fat, Eth Ext., Direct (%)	0309	4.4694	0.23200	4.6003	0.34757	0.11378	17	-0.38	1%	0
003.00	Fat, Eth Ext., Direct (%)	2106	4.5000	0.08000	4.6003	0.34757	0.11378	17	-0.29	1%	0
003.00	Fat, Eth Ext., Direct (%)	0194	4.5950	0.03000	4.6003	0.34757	0.11378	17	-0.02	0%	0
003.00	Fat, Eth Ext., Direct (%)	0615	4.6150	0.41000	4.6003	0.34757	0.11378	17	0.04	0%	0
003.00	Fat, Eth Ext., Direct (%)	0354	4.7450	0.01000	4.6003	0.34757	0.11378	17	0.42	2%	0
003.00	Fat, Eth Ext., Direct (%)	2053	4.7750	0.09000	4.6003	0.34757	0.11378	17	0.50	2%	0
003.00	Fat, Eth Ext., Direct (%)	0035	4.8500	0.10000	4.6003	0.34757	0.11378	17	0.72	3%	0
003.00	Fat, Eth Ext., Direct (%)	0026	4.8800	0.02000	4.6003	0.34757	0.11378	17	0.80	3%	0
003.00	Fat, Eth Ext., Direct (%)	2109	4.8800	0.02000	4.6003	0.34757	0.11378	17	0.80	3%	0
003.00	Fat, Eth Ext., Direct (%)	0345	4.9000	0.10000	4.6003	0.34757	0.11378	17	0.86	3%	0
003.00	Fat, Eth Ext., Direct (%)	0065	4.9217	0.01670	4.6003	0.34757	0.11378	17	0.92	3%	0

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003.00	Fat, Eth Ext., Direct (%)	0175	5.0300	0.04000	4.6003	0.34757	0.11378	17	1.24	5%	0
003.00	Fat, Eth Ext., Direct (%)	0876	4.4950	0.85000	4.6003	0.34757	0.11378	17	-0.30	1%	1
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	3.5007	0.33380				2			0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	3.9250	0.03000				2			0
003.06	Fat, Pet Ether (%)	0563	3.5007	0.33380	4.6697	0.13050	0.08846	17	-8.96	13%	0
003.06	Fat, Pet Ether (%)	0552	4.5050	0.03000	4.6697	0.13050	0.08846	17	-1.26	2%	0
003.06	Fat, Pet Ether (%)	0074	4.5550	0.25000	4.6697	0.13050	0.08846	17	-0.88	1%	0
003.06	Fat, Pet Ether (%)	0852	4.5850	0.13000	4.6697	0.13050	0.08846	17	-0.65	1%	0
003.06	Fat, Pet Ether (%)	0511	4.5950	0.13000	4.6697	0.13050	0.08846	17	-0.57	1%	0
003.06	Fat, Pet Ether (%)	0164	4.6050	0.05000	4.6697	0.13050	0.08846	17	-0.50	1%	0
003.06	Fat, Pet Ether (%)	0294	4.6150	0.01000	4.6697	0.13050	0.08846	17	-0.42	1%	0
003.06	Fat, Pet Ether (%)	0687	4.6550	0.09000	4.6697	0.13050	0.08846	17	-0.11	0%	0
003.06	Fat, Pet Ether (%)	0425	4.6600	0.02000	4.6697	0.13050	0.08846	17	-0.07	0%	0
003.06	Fat, Pet Ether (%)	0910	4.6750	0.01000	4.6697	0.13050	0.08846	17	0.04	0%	0
003.06	Fat, Pet Ether (%)	0849	4.6850	0.01000	4.6697	0.13050	0.08846	17	0.12	0%	0
003.06	Fat, Pet Ether (%)	0297	4.7250	0.15000	4.6697	0.13050	0.08846	17	0.42	1%	0
003.06	Fat, Pet Ether (%)	0682	4.7300	0.00000	4.6697	0.13050	0.08846	17	0.46	1%	0
003.06	Fat, Pet Ether (%)	0689	4.8000	0.00000	4.6697	0.13050	0.08846	17	1.00	1%	0
003.06	Fat, Pet Ether (%)	0148	4.8050	0.15000	4.6697	0.13050	0.08846	17	1.04	1%	0
003.06	Fat, Pet Ether (%)	0918	4.8500	0.02000	4.6697	0.13050	0.08846	17	1.38	2%	0
003.06	Fat, Pet Ether (%)	0083	5.2100	0.12000	4.6697	0.13050	0.08846	17	4.14	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	4.2250	0.13000	4.6440	0.18499	0.06159	19	-2.27	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	4.2590	0.02600	4.6440	0.18499	0.06159	19	-2.08	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	4.4050	0.03000	4.6440	0.18499	0.06159	19	-1.29	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	4.5150	0.23000	4.6440	0.18499	0.06159	19	-0.70	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	4.5200	0.00000	4.6440	0.18499	0.06159	19	-0.67	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	4.5500	0.10000	4.6440	0.18499	0.06159	19	-0.51	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0653	4.5750	0.07000	4.6440	0.18499	0.06159	19	-0.37	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	4.5815	0.00630	4.6440	0.18499	0.06159	19	-0.34	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	4.6000	0.00000	4.6440	0.18499	0.06159	19	-0.24	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	4.7050	0.01000	4.6440	0.18499	0.06159	19	0.33	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	4.7050	0.05000	4.6440	0.18499	0.06159	19	0.33	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	4.7350	0.07000	4.6440	0.18499	0.06159	19	0.49	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	4.7355	0.07800	4.6440	0.18499	0.06159	19	0.49	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	4.7500	0.04000	4.6440	0.18499	0.06159	19	0.57	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	4.7500	0.10000	4.6440	0.18499	0.06159	19	0.57	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	4.7850	0.11000	4.6440	0.18499	0.06159	19	0.76	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	4.8300	0.04000	4.6440	0.18499	0.06159	19	1.01	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	4.8400	0.06000	4.6440	0.18499	0.06159	19	1.06	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	5.0400	0.02000	4.6440	0.18499	0.06159	19	2.14	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	4.5050	0.51000	4.6440	0.18499	0.06159	19	-0.75	1%	1
003.10	Fat, Soxtec, Pet Ether (%)	0062	3.5970	0.50000	4.5270	0.20651	0.09053	29	-4.50	10%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Soxtec, Pet Ether (%)	2073	3.9850	0.01000	4.5270	0.20651	0.09053	29	-2.62	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	4.1400	0.08000	4.5270	0.20651	0.09053	29	-1.87	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	4.2534	0.02880	4.5270	0.20651	0.09053	29	-1.32	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0875	4.3200	0.14000	4.5270	0.20651	0.09053	29	-1.00	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	4.3943	0.12860	4.5270	0.20651	0.09053	29	-0.64	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0881	4.3975	0.17100	4.5270	0.20651	0.09053	29	-0.63	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	4.4216	0.17980	4.5270	0.20651	0.09053	29	-0.51	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	4.4547	0.03730	4.5270	0.20651	0.09053	29	-0.35	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	4.4550	0.03000	4.5270	0.20651	0.09053	29	-0.35	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	4.4550	0.01000	4.5270	0.20651	0.09053	29	-0.35	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0623	4.4715	0.01500	4.5270	0.20651	0.09053	29	-0.27	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	4.4850	0.01000	4.5270	0.20651	0.09053	29	-0.20	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	4.5000	0.06000	4.5270	0.20651	0.09053	29	-0.13	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	4.5000	0.02000	4.5270	0.20651	0.09053	29	-0.13	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	4.5000	0.04000	4.5270	0.20651	0.09053	29	-0.13	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2089	4.5400	0.02000	4.5270	0.20651	0.09053	29	0.06	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	4.6350	0.05000	4.5270	0.20651	0.09053	29	0.52	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	4.6350	0.27000	4.5270	0.20651	0.09053	29	0.52	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	4.6500	0.04000	4.5270	0.20651	0.09053	29	0.60	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	4.6500	0.10000	4.5270	0.20651	0.09053	29	0.60	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	4.6600	0.18000	4.5270	0.20651	0.09053	29	0.64	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	4.6700	0.04000	4.5270	0.20651	0.09053	29	0.69	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	4.6800	0.12000	4.5270	0.20651	0.09053	29	0.74	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	4.6800	0.04000	4.5270	0.20651	0.09053	29	0.74	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	4.7500	0.10000	4.5270	0.20651	0.09053	29	1.08	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	4.8000	0.02000	4.5270	0.20651	0.09053	29	1.32	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	4.9305	0.01500	4.5270	0.20651	0.09053	29	1.95	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	5.2450	0.17000	4.5270	0.20651	0.09053	29	3.48	8%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	4.8000	0.74000	4.5270	0.20651	0.09053	29	1.32	3%	1
003.11	Fat, NIR (%)	0034	3.7000	0.10000	4.6411	0.65097	0.04000	9	-1.45	10%	0
003.11	Fat, NIR (%)	0720	4.0100	0.00000	4.6411	0.65097	0.04000	9	-0.97	7%	0
003.11	Fat, NIR (%)	0613	4.3500	0.04000	4.6411	0.65097	0.04000	9	-0.45	3%	0
003.11	Fat, NIR (%)	0889	4.4900	0.04000	4.6411	0.65097	0.04000	9	-0.23	2%	0
003.11	Fat, NIR (%)	0297	4.6900	0.02000	4.6411	0.65097	0.04000	9	0.08	1%	0
003.11	Fat, NIR (%)	0852	4.6900	0.02000	4.6411	0.65097	0.04000	9	0.08	1%	0
003.11	Fat, NIR (%)	0596	5.1900	0.06000	4.6411	0.65097	0.04000	9	0.84	6%	0
003.11	Fat, NIR (%)	2121	5.2850	0.03000	4.6411	0.65097	0.04000	9	0.99	7%	0
003.11	Fat, NIR (%)	2120	5.3650	0.05000	4.6411	0.65097	0.04000	9	1.11	8%	0
003.11	Fat, NIR (%)	0553	4.6300	0.38000	4.6411	0.65097	0.04000	9	-0.02	0%	1
003.12	Fat, Hexane Ext (%)	0940	2.9100	0.44000	4.3883	0.30464	0.13750	4	-4.85	17%	0
003.12	Fat, Hexane Ext (%)	0893	4.0400	0.02000	4.3883	0.30464	0.13750	4	-1.14	4%	0
003.12	Fat, Hexane Ext (%)	0897	4.5200	0.04000	4.3883	0.30464	0.13750	4	0.43	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.12	Fat, Hexane Ext (%)	0171	4.6050	0.05000	4.3883	0.30464	0.13750	4	0.71	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	4.0500	0.08000	4.4811	0.30878	0.16490	7	-1.40	5%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0011	4.2900	0.00000	4.4811	0.30878	0.16490	7	-0.62	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	4.4000	0.00000	4.4811	0.30878	0.16490	7	-0.26	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	4.4529	0.44430	4.4811	0.30878	0.16490	7	-0.09	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	4.6300	0.42000	4.4811	0.30878	0.16490	7	0.48	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	4.6650	0.19000	4.4811	0.30878	0.16490	7	0.60	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	4.8800	0.02000	4.4811	0.30878	0.16490	7	1.29	4%	0
003.14	Fat, Ankom (%)	0357	2.7000	0.00000	3.7303	0.39971	0.13717	40	-2.58	14%	0
003.14	Fat, Ankom (%)	0581	3.1900	0.12000	3.7303	0.39971	0.13717	40	-1.35	7%	0
003.14	Fat, Ankom (%)	0144	3.2700	0.18000	3.7303	0.39971	0.13717	40	-1.15	6%	0
003.14	Fat, Ankom (%)	2129	3.2950	0.03000	3.7303	0.39971	0.13717	40	-1.09	6%	0
003.14	Fat, Ankom (%)	0175	3.3250	0.09000	3.7303	0.39971	0.13717	40	-1.01	5%	0
003.14	Fat, Ankom (%)	0034	3.3300	0.20000	3.7303	0.39971	0.13717	40	-1.00	5%	0
003.14	Fat, Ankom (%)	0265	3.3750	0.13000	3.7303	0.39971	0.13717	40	-0.89	5%	0
003.14	Fat, Ankom (%)	0358	3.3800	0.24000	3.7303	0.39971	0.13717	40	-0.88	5%	0
003.14	Fat, Ankom (%)	0574	3.4000	0.16000	3.7303	0.39971	0.13717	40	-0.83	4%	0
003.14	Fat, Ankom (%)	0229	3.4200	0.04000	3.7303	0.39971	0.13717	40	-0.78	4%	0
003.14	Fat, Ankom (%)	0955	3.4450	0.03000	3.7303	0.39971	0.13717	40	-0.71	4%	0
003.14	Fat, Ankom (%)	0563	3.5007	0.33380	3.7303	0.39971	0.13717	40	-0.57	3%	0
003.14	Fat, Ankom (%)	0968	3.5050	0.11800	3.7303	0.39971	0.13717	40	-0.56	3%	0
003.14	Fat, Ankom (%)	0948	3.5550	0.03000	3.7303	0.39971	0.13717	40	-0.44	2%	0
003.14	Fat, Ankom (%)	0912	3.5600	0.20000	3.7303	0.39971	0.13717	40	-0.43	2%	0
003.14	Fat, Ankom (%)	0089	3.5800	0.00000	3.7303	0.39971	0.13717	40	-0.38	2%	0
003.14	Fat, Ankom (%)	0937	3.5900	0.02000	3.7303	0.39971	0.13717	40	-0.35	2%	0
003.14	Fat, Ankom (%)	0956	3.6000	0.00000	3.7303	0.39971	0.13717	40	-0.33	2%	0
003.14	Fat, Ankom (%)	0049	3.6250	0.43000	3.7303	0.39971	0.13717	40	-0.26	1%	0
003.14	Fat, Ankom (%)	0066	3.6800	0.28000	3.7303	0.39971	0.13717	40	-0.13	1%	0
003.14	Fat, Ankom (%)	0001	3.6910	0.05200	3.7303	0.39971	0.13717	40	-0.10	1%	0
003.14	Fat, Ankom (%)	0613	3.7000	0.10000	3.7303	0.39971	0.13717	40	-0.08	0%	0
003.14	Fat, Ankom (%)	0683	3.8200	0.02000	3.7303	0.39971	0.13717	40	0.22	1%	0
003.14	Fat, Ankom (%)	0598	3.8250	0.03000	3.7303	0.39971	0.13717	40	0.24	1%	0
003.14	Fat, Ankom (%)	0407	3.8252	0.10310	3.7303	0.39971	0.13717	40	0.24	1%	0
003.14	Fat, Ankom (%)	0692	3.8500	0.10000	3.7303	0.39971	0.13717	40	0.30	2%	0
003.14	Fat, Ankom (%)	0009	3.8550	0.09000	3.7303	0.39971	0.13717	40	0.31	2%	0
003.14	Fat, Ankom (%)	0019	3.8600	0.20000	3.7303	0.39971	0.13717	40	0.32	2%	0
003.14	Fat, Ankom (%)	0529	3.9150	0.09000	3.7303	0.39971	0.13717	40	0.46	2%	0
003.14	Fat, Ankom (%)	0843	3.9200	0.12000	3.7303	0.39971	0.13717	40	0.47	3%	0
003.14	Fat, Ankom (%)	0848	3.9850	0.09000	3.7303	0.39971	0.13717	40	0.64	3%	0
003.14	Fat, Ankom (%)	0202	4.0800	0.06000	3.7303	0.39971	0.13717	40	0.87	5%	0
003.14	Fat, Ankom (%)	0413	4.1000	0.40000	3.7303	0.39971	0.13717	40	0.92	5%	0
003.14	Fat, Ankom (%)	0108	4.1300	0.38000	3.7303	0.39971	0.13717	40	1.00	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.14	Fat, Ankom (%)	0278	4.2500	0.30000	3.7303	0.39971	0.13717	40	1.30	7%	0
003.14	Fat, Ankom (%)	0726	4.4250	0.03000	3.7303	0.39971	0.13717	40	1.74	9%	0
003.14	Fat, Ankom (%)	0619	4.4550	0.05000	3.7303	0.39971	0.13717	40	1.81	10%	0
003.14	Fat, Ankom (%)	2075	4.4850	0.13000	3.7303	0.39971	0.13717	40	1.89	10%	0
003.14	Fat, Ankom (%)	0190	4.5650	0.33000	3.7303	0.39971	0.13717	40	2.09	11%	0
003.14	Fat, Ankom (%)	0015	4.6000	0.18000	3.7303	0.39971	0.13717	40	2.18	12%	0
003.99	Fat, Miscellaneous (%)	0880	2.0500	0.70000	5.6313	2.0637	0.21000	5	-1.74	32%	0
003.99	Fat, Miscellaneous (%)	0546	4.5500	0.06000	5.6313	2.0637	0.21000	5	-0.52	10%	0
003.99	Fat, Miscellaneous (%)	0644	4.5500	0.10000	5.6313	2.0637	0.21000	5	-0.52	10%	0
003.99	Fat, Miscellaneous (%)	0047	4.7000	0.00000	5.6313	2.0637	0.21000	5	-0.45	8%	0
003.99	Fat, Miscellaneous (%)	1019	8.7250	0.19000	5.6313	2.0637	0.21000	5	1.50	27%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	3.3350	0.13000	3.6752	0.28386	0.13500	21	-1.20	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	3.3400	0.10000	3.6752	0.28386	0.13500	21	-1.18	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	3.3500	0.10000	3.6752	0.28386	0.13500	21	-1.15	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0596	3.4050	0.27000	3.6752	0.28386	0.13500	21	-0.95	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	3.4500	0.10000	3.6752	0.28386	0.13500	21	-0.79	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	3.5000	0.00000	3.6752	0.28386	0.13500	21	-0.62	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	3.5267	0.06710	3.6752	0.28386	0.13500	21	-0.52	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	3.5500	0.10000	3.6752	0.28386	0.13500	21	-0.44	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	3.5700	0.04000	3.6752	0.28386	0.13500	21	-0.37	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	3.6000	0.20000	3.6752	0.28386	0.13500	21	-0.27	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	3.6450	0.49000	3.6752	0.28386	0.13500	21	-0.11	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0194	3.6550	0.03000	3.6752	0.28386	0.13500	21	-0.07	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	3.7500	0.10000	3.6752	0.28386	0.13500	21	0.26	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	3.7800	0.02000	3.6752	0.28386	0.13500	21	0.37	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	3.8000	0.06000	3.6752	0.28386	0.13500	21	0.44	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	3.8000	0.02000	3.6752	0.28386	0.13500	21	0.44	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	3.8500	0.14000	3.6752	0.28386	0.13500	21	0.62	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	3.9700	0.24000	3.6752	0.28386	0.13500	21	1.04	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	4.1390	0.18800	3.6752	0.28386	0.13500	21	1.63	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0876	4.3500	0.10000	3.6752	0.28386	0.13500	21	2.38	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	0681	4.5000	0.34000	3.6752	0.28386	0.13500	21	2.91	11%	0
004.01	Fiber, Sing Filt (%)	0045	3.9750	0.29000				2			0
004.01	Fiber, Sing Filt (%)	0366	4.1500	0.10000				2			0
004.03	Fiber, Fritted Glass (%)	2089	1.8000	0.14000	3.3457	1.0649	0.28858	4	-1.45	23%	0
004.03	Fiber, Fritted Glass (%)	0353	3.4950	0.09000	3.3457	1.0649	0.28858	4	0.14	2%	0
004.03	Fiber, Fritted Glass (%)	0626	3.9550	0.33000	3.3457	1.0649	0.28858	4	0.57	9%	0
004.03	Fiber, Fritted Glass (%)	0693	4.1329	0.59430	3.3457	1.0649	0.28858	4	0.74	12%	0
004.06	Fiber, Fibertec (%)	0948	3.1600	0.06000	3.7434	0.37460	0.10145	19	-1.56	8%	0
004.06	Fiber, Fibertec (%)	0590	3.2600	0.30000	3.7434	0.37460	0.10145	19	-1.29	6%	0
004.06	Fiber, Fibertec (%)	0918	3.4950	0.05000	3.7434	0.37460	0.10145	19	-0.66	3%	0
004.06	Fiber, Fibertec (%)	0098	3.5300	0.20000	3.7434	0.37460	0.10145	19	-0.57	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0881	3.5325	0.02900	3.7434	0.37460	0.10145	19	-0.56	3%	0
004.06	Fiber, Fibertec (%)	0885	3.5586	0.13950	3.7434	0.37460	0.10145	19	-0.49	2%	0
004.06	Fiber, Fibertec (%)	2006	3.5800	0.00000	3.7434	0.37460	0.10145	19	-0.44	2%	0
004.06	Fiber, Fibertec (%)	0205	3.6300	0.20000	3.7434	0.37460	0.10145	19	-0.30	2%	0
004.06	Fiber, Fibertec (%)	0897	3.6450	0.01000	3.7434	0.37460	0.10145	19	-0.26	1%	0
004.06	Fiber, Fibertec (%)	0941	3.6500	0.04000	3.7434	0.37460	0.10145	19	-0.25	1%	0
004.06	Fiber, Fibertec (%)	0723	3.6553	0.00000	3.7434	0.37460	0.10145	19	-0.24	1%	0
004.06	Fiber, Fibertec (%)	0968	3.7495	0.07100	3.7434	0.37460	0.10145	19	0.02	0%	0
004.06	Fiber, Fibertec (%)	2068	3.7970	0.02800	3.7434	0.37460	0.10145	19	0.14	1%	0
004.06	Fiber, Fibertec (%)	0689	3.8000	0.20000	3.7434	0.37460	0.10145	19	0.15	1%	0
004.06	Fiber, Fibertec (%)	0720	4.0200	0.10000	3.7434	0.37460	0.10145	19	0.74	4%	0
004.06	Fiber, Fibertec (%)	0676	4.1650	0.19000	3.7434	0.37460	0.10145	19	1.13	6%	0
004.06	Fiber, Fibertec (%)	0674	4.2700	0.00000	3.7434	0.37460	0.10145	19	1.41	7%	0
004.06	Fiber, Fibertec (%)	0609	4.3000	0.08000	3.7434	0.37460	0.10145	19	1.49	7%	0
004.06	Fiber, Fibertec (%)	0675	4.3950	0.23000	3.7434	0.37460	0.10145	19	1.74	9%	0
004.06	Fiber, Fibertec (%)	0728	4.5100	0.78000	3.7434	0.37460	0.10145	19	2.05	10%	1
004.07	Fiber, ANKOM (%)	0889	1.8400	0.00000	3.5755	0.30831	0.16208	61	-5.63	24%	0
004.07	Fiber, ANKOM (%)	0505	2.8300	0.08000	3.5755	0.30831	0.16208	61	-2.42	10%	0
004.07	Fiber, ANKOM (%)	0294	2.8500	0.10000	3.5755	0.30831	0.16208	61	-2.35	10%	0
004.07	Fiber, ANKOM (%)	0619	3.0250	0.01000	3.5755	0.30831	0.16208	61	-1.79	8%	0
004.07	Fiber, ANKOM (%)	0510	3.1000	0.00000	3.5755	0.30831	0.16208	61	-1.54	7%	0
004.07	Fiber, ANKOM (%)	0265	3.1500	0.18000	3.5755	0.30831	0.16208	61	-1.38	6%	0
004.07	Fiber, ANKOM (%)	0910	3.2000	0.00000	3.5755	0.30831	0.16208	61	-1.22	5%	0
004.07	Fiber, ANKOM (%)	0861	3.2400	0.06000	3.5755	0.30831	0.16208	61	-1.09	5%	0
004.07	Fiber, ANKOM (%)	0297	3.2750	0.05000	3.5755	0.30831	0.16208	61	-0.97	4%	0
004.07	Fiber, ANKOM (%)	0100	3.2800	0.10000	3.5755	0.30831	0.16208	61	-0.96	4%	0
004.07	Fiber, ANKOM (%)	0413	3.3000	0.00000	3.5755	0.30831	0.16208	61	-0.89	4%	0
004.07	Fiber, ANKOM (%)	2053	3.3400	0.02000	3.5755	0.30831	0.16208	61	-0.76	3%	0
004.07	Fiber, ANKOM (%)	0098	3.3500	0.14000	3.5755	0.30831	0.16208	61	-0.73	3%	0
004.07	Fiber, ANKOM (%)	0726	3.3500	0.10000	3.5755	0.30831	0.16208	61	-0.73	3%	0
004.07	Fiber, ANKOM (%)	0904	3.3900	0.04000	3.5755	0.30831	0.16208	61	-0.60	3%	0
004.07	Fiber, ANKOM (%)	0042	3.3950	0.69000	3.5755	0.30831	0.16208	61	-0.59	3%	0
004.07	Fiber, ANKOM (%)	0033	3.4000	0.00000	3.5755	0.30831	0.16208	61	-0.57	2%	0
004.07	Fiber, ANKOM (%)	0692	3.4000	0.40000	3.5755	0.30831	0.16208	61	-0.57	2%	0
004.07	Fiber, ANKOM (%)	0035	3.4050	0.19000	3.5755	0.30831	0.16208	61	-0.55	2%	0
004.07	Fiber, ANKOM (%)	2012	3.4350	0.01000	3.5755	0.30831	0.16208	61	-0.46	2%	0
004.07	Fiber, ANKOM (%)	0003	3.4450	0.29000	3.5755	0.30831	0.16208	61	-0.42	2%	0
004.07	Fiber, ANKOM (%)	0552	3.4650	0.01000	3.5755	0.30831	0.16208	61	-0.36	2%	0
004.07	Fiber, ANKOM (%)	2109	3.4800	0.04000	3.5755	0.30831	0.16208	61	-0.31	1%	0
004.07	Fiber, ANKOM (%)	0004	3.4950	0.35000	3.5755	0.30831	0.16208	61	-0.26	1%	0
004.07	Fiber, ANKOM (%)	0529	3.4950	0.05000	3.5755	0.30831	0.16208	61	-0.26	1%	0
004.07	Fiber, ANKOM (%)	0083	3.5100	0.02000	3.5755	0.30831	0.16208	61	-0.21	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0948	3.5150	0.27000	3.5755	0.30831	0.16208	61	-0.20	1%	0
004.07	Fiber, ANKOM (%)	0937	3.5350	0.05000	3.5755	0.30831	0.16208	61	-0.13	1%	0
004.07	Fiber, ANKOM (%)	0653	3.5450	0.01000	3.5755	0.30831	0.16208	61	-0.10	0%	0
004.07	Fiber, ANKOM (%)	0190	3.5500	0.10000	3.5755	0.30831	0.16208	61	-0.08	0%	0
004.07	Fiber, ANKOM (%)	0354	3.5600	0.06000	3.5755	0.30831	0.16208	61	-0.05	0%	0
004.07	Fiber, ANKOM (%)	0066	3.5700	0.14000	3.5755	0.30831	0.16208	61	-0.02	0%	0
004.07	Fiber, ANKOM (%)	0870	3.5865	0.11440	3.5755	0.30831	0.16208	61	0.04	0%	0
004.07	Fiber, ANKOM (%)	0849	3.5950	0.09000	3.5755	0.30831	0.16208	61	0.06	0%	0
004.07	Fiber, ANKOM (%)	0202	3.6000	0.04000	3.5755	0.30831	0.16208	61	0.08	0%	0
004.07	Fiber, ANKOM (%)	0682	3.6000	0.00000	3.5755	0.30831	0.16208	61	0.08	0%	0
004.07	Fiber, ANKOM (%)	0848	3.6050	0.05000	3.5755	0.30831	0.16208	61	0.10	0%	0
004.07	Fiber, ANKOM (%)	0553	3.6450	0.31000	3.5755	0.30831	0.16208	61	0.23	1%	0
004.07	Fiber, ANKOM (%)	0278	3.6500	0.10000	3.5755	0.30831	0.16208	61	0.24	1%	0
004.07	Fiber, ANKOM (%)	0229	3.7000	0.20000	3.5755	0.30831	0.16208	61	0.40	2%	0
004.07	Fiber, ANKOM (%)	2075	3.7000	0.20000	3.5755	0.30831	0.16208	61	0.40	2%	0
004.07	Fiber, ANKOM (%)	0939	3.7150	0.33000	3.5755	0.30831	0.16208	61	0.45	2%	0
004.07	Fiber, ANKOM (%)	0009	3.7200	0.14000	3.5755	0.30831	0.16208	61	0.47	2%	0
004.07	Fiber, ANKOM (%)	0955	3.7300	0.08000	3.5755	0.30831	0.16208	61	0.50	2%	0
004.07	Fiber, ANKOM (%)	0034	3.7850	0.29000	3.5755	0.30831	0.16208	61	0.68	3%	0
004.07	Fiber, ANKOM (%)	0956	3.8000	0.80000	3.5755	0.30831	0.16208	61	0.73	3%	0
004.07	Fiber, ANKOM (%)	0089	3.8150	0.03000	3.5755	0.30831	0.16208	61	0.78	3%	0
004.07	Fiber, ANKOM (%)	0708	3.8200	0.08000	3.5755	0.30831	0.16208	61	0.79	3%	0
004.07	Fiber, ANKOM (%)	0015	3.8300	0.04000	3.5755	0.30831	0.16208	61	0.83	4%	0
004.07	Fiber, ANKOM (%)	0581	3.8300	0.16000	3.5755	0.30831	0.16208	61	0.83	4%	0
004.07	Fiber, ANKOM (%)	0407	3.8526	0.53060	3.5755	0.30831	0.16208	61	0.90	4%	0
004.07	Fiber, ANKOM (%)	0074	3.8800	0.16000	3.5755	0.30831	0.16208	61	0.99	4%	0
004.07	Fiber, ANKOM (%)	0300	3.8854	0.31000	3.5755	0.30831	0.16208	61	1.01	4%	0
004.07	Fiber, ANKOM (%)	0598	3.8950	0.07000	3.5755	0.30831	0.16208	61	1.04	4%	0
004.07	Fiber, ANKOM (%)	0613	4.0000	0.58000	3.5755	0.30831	0.16208	61	1.38	6%	0
004.07	Fiber, ANKOM (%)	0643	4.0400	0.26000	3.5755	0.30831	0.16208	61	1.51	6%	0
004.07	Fiber, ANKOM (%)	0242	4.1150	0.49000	3.5755	0.30831	0.16208	61	1.75	8%	0
004.07	Fiber, ANKOM (%)	0144	4.1300	0.26000	3.5755	0.30831	0.16208	61	1.80	8%	0
004.07	Fiber, ANKOM (%)	0563	4.2839	0.21170	3.5755	0.30831	0.16208	61	2.30	10%	0
004.07	Fiber, ANKOM (%)	0683	4.3050	0.11000	3.5755	0.30831	0.16208	61	2.37	10%	0
004.07	Fiber, ANKOM (%)	0019	4.8650	0.29000	3.5755	0.30831	0.16208	61	4.18	18%	0
004.07	Fiber, ANKOM (%)	0026	4.0750	1.6500	3.5755	0.30831	0.16208	61	1.62	7%	1
004.11	Fiber, NIR (%)	0553	2.8350	0.17000	3.5941	0.31434	0.07625	8	-2.41	11%	0
004.11	Fiber, NIR (%)	0613	3.3600	0.08000	3.5941	0.31434	0.07625	8	-0.74	3%	0
004.11	Fiber, NIR (%)	0852	3.5100	0.06000	3.5941	0.31434	0.07625	8	-0.27	1%	0
004.11	Fiber, NIR (%)	2120	3.5450	0.05000	3.5941	0.31434	0.07625	8	-0.16	1%	0
004.11	Fiber, NIR (%)	2121	3.6450	0.11000	3.5941	0.31434	0.07625	8	0.16	1%	0
004.11	Fiber, NIR (%)	0720	3.7000	0.00000	3.5941	0.31434	0.07625	8	0.34	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	Robust SD	R-bar	# Labs			
004.11	Fiber, NIR (%)	0034	3.8850	0.09000	3.5941	0.31434	0.07625	8	0.93	4%	0
004.11	Fiber, NIR (%)	0889	3.9850	0.05000	3.5941	0.31434	0.07625	8	1.24	5%	0
004.11	Fiber, NIR (%)	0596	3.3850	0.59000	3.5941	0.31434	0.07625	8	-0.67	3%	1
004.99	Fiber, Miscellaneous (%)	0644	3.1000	0.20000	3.3075	0.17576	0.16500	4	-1.18	3%	0
004.99	Fiber, Miscellaneous (%)	0610	3.3000	0.40000	3.3075	0.17576	0.16500	4	-0.04	0%	0
004.99	Fiber, Miscellaneous (%)	0629	3.3000	0.00000	3.3075	0.17576	0.16500	4	-0.04	0%	0
004.99	Fiber, Miscellaneous (%)	0940	3.5300	0.06000	3.3075	0.17576	0.16500	4	1.27	3%	0
005.00	Ash, 2h @ 600°C (%)	0042	7.7200	0.12000	8.0126	0.09481	0.04582	94	-3.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0049	7.8050	0.19000	8.0126	0.09481	0.04582	94	-2.19	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	7.8450	0.09000	8.0126	0.09481	0.04582	94	-1.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.8500	0.00000	8.0126	0.09481	0.04582	94	-1.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	7.8600	0.02000	8.0126	0.09481	0.04582	94	-1.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	7.8650	0.01000	8.0126	0.09481	0.04582	94	-1.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	7.8650	0.01000	8.0126	0.09481	0.04582	94	-1.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	7.8700	0.06000	8.0126	0.09481	0.04582	94	-1.50	1%	0
005.00	Ash, 2h @ 600°C (%)	2012	7.8750	0.03000	8.0126	0.09481	0.04582	94	-1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	7.8999	0.00520	8.0126	0.09481	0.04582	94	-1.19	1%	0
005.00	Ash, 2h @ 600°C (%)	0026	7.9000	0.06000	8.0126	0.09481	0.04582	94	-1.19	1%	0
005.00	Ash, 2h @ 600°C (%)	0874	7.9000	0.02000	8.0126	0.09481	0.04582	94	-1.19	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	7.9050	0.01000	8.0126	0.09481	0.04582	94	-1.14	1%	0
005.00	Ash, 2h @ 600°C (%)	0623	7.9130	0.02200	8.0126	0.09481	0.04582	94	-1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	0596	7.9150	0.03000	8.0126	0.09481	0.04582	94	-1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	7.9200	0.16000	8.0126	0.09481	0.04582	94	-0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0169	7.9300	0.08000	8.0126	0.09481	0.04582	94	-0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	7.9300	0.04000	8.0126	0.09481	0.04582	94	-0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	2068	7.9400	0.00600	8.0126	0.09481	0.04582	94	-0.77	0%	0
005.00	Ash, 2h @ 600°C (%)	0089	7.9400	0.00000	8.0126	0.09481	0.04582	94	-0.77	0%	0
005.00	Ash, 2h @ 600°C (%)	0957	7.9450	0.01000	8.0126	0.09481	0.04582	94	-0.71	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	7.9482	0.06880	8.0126	0.09481	0.04582	94	-0.68	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	7.9500	0.04000	8.0126	0.09481	0.04582	94	-0.66	0%	0
005.00	Ash, 2h @ 600°C (%)	0681	7.9500	0.00000	8.0126	0.09481	0.04582	94	-0.66	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.9600	0.04000	8.0126	0.09481	0.04582	94	-0.56	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	7.9600	0.04000	8.0126	0.09481	0.04582	94	-0.56	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	7.9622	0.01330	8.0126	0.09481	0.04582	94	-0.53	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	7.9650	0.07000	8.0126	0.09481	0.04582	94	-0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0208	7.9650	0.01000	8.0126	0.09481	0.04582	94	-0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	7.9650	0.01000	8.0126	0.09481	0.04582	94	-0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0552	7.9700	0.00000	8.0126	0.09481	0.04582	94	-0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	7.9739	0.03910	8.0126	0.09481	0.04582	94	-0.41	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	7.9769	0.02820	8.0126	0.09481	0.04582	94	-0.38	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	7.9815	0.05300	8.0126	0.09481	0.04582	94	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0138	7.9850	0.05000	8.0126	0.09481	0.04582	94	-0.29	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0723	7.9924	0.00000	8.0126	0.09481	0.04582	94	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0175	7.9950	0.03000	8.0126	0.09481	0.04582	94	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	7.9950	0.01000	8.0126	0.09481	0.04582	94	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	7.9950	0.13000	8.0126	0.09481	0.04582	94	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	8.0000	0.00000	8.0126	0.09481	0.04582	94	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	8.0000	0.08000	8.0126	0.09481	0.04582	94	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	8.0000	0.00000	8.0126	0.09481	0.04582	94	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	2073	8.0000	0.04000	8.0126	0.09481	0.04582	94	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	8.0050	0.05000	8.0126	0.09481	0.04582	94	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	8.0100	0.04000	8.0126	0.09481	0.04582	94	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	8.0100	0.02000	8.0126	0.09481	0.04582	94	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0609	8.0100	0.08000	8.0126	0.09481	0.04582	94	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0205	8.0125	0.00700	8.0126	0.09481	0.04582	94	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	8.0190	0.04610	8.0126	0.09481	0.04582	94	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	8.0200	0.04000	8.0126	0.09481	0.04582	94	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	8.0200	0.02000	8.0126	0.09481	0.04582	94	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	8.0235	0.03100	8.0126	0.09481	0.04582	94	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	8.0250	0.01000	8.0126	0.09481	0.04582	94	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	8.0270	0.01400	8.0126	0.09481	0.04582	94	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	8.0300	0.02000	8.0126	0.09481	0.04582	94	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	8.0300	0.02000	8.0126	0.09481	0.04582	94	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2106	8.0300	0.02000	8.0126	0.09481	0.04582	94	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0062	8.0354	0.08500	8.0126	0.09481	0.04582	94	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	8.0382	0.05350	8.0126	0.09481	0.04582	94	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	8.0400	0.00000	8.0126	0.09481	0.04582	94	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	8.0400	0.08000	8.0126	0.09481	0.04582	94	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	8.0400	0.02000	8.0126	0.09481	0.04582	94	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0366	8.0500	0.10000	8.0126	0.09481	0.04582	94	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	8.0500	0.00000	8.0126	0.09481	0.04582	94	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	8.0500	0.04000	8.0126	0.09481	0.04582	94	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	8.0550	0.03000	8.0126	0.09481	0.04582	94	0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0630	8.0550	0.03000	8.0126	0.09481	0.04582	94	0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	8.0550	0.03000	8.0126	0.09481	0.04582	94	0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	8.0600	0.04000	8.0126	0.09481	0.04582	94	0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0015	8.0600	0.02000	8.0126	0.09481	0.04582	94	0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0139	8.0700	0.02000	8.0126	0.09481	0.04582	94	0.60	0%	0
005.00	Ash, 2h @ 600°C (%)	0615	8.0750	0.01000	8.0126	0.09481	0.04582	94	0.66	0%	0
005.00	Ash, 2h @ 600°C (%)	0065	8.0767	0.00670	8.0126	0.09481	0.04582	94	0.68	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	8.0800	0.08000	8.0126	0.09481	0.04582	94	0.71	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	8.0850	0.05000	8.0126	0.09481	0.04582	94	0.76	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	8.0895	0.03530	8.0126	0.09481	0.04582	94	0.81	0%	0
005.00	Ash, 2h @ 600°C (%)	0880	8.0895	0.17900	8.0126	0.09481	0.04582	94	0.81	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	2089	8.1050	0.05000	8.0126	0.09481	0.04582	94	0.97	1%	0
005.00	Ash, 2h @ 600°C (%)	0194	8.1100	0.02000	8.0126	0.09481	0.04582	94	1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	8.1100	0.04000	8.0126	0.09481	0.04582	94	1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	8.1100	0.02000	8.0126	0.09481	0.04582	94	1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	8.1250	0.01000	8.0126	0.09481	0.04582	94	1.19	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	8.1300	0.20000	8.0126	0.09481	0.04582	94	1.24	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	8.1372	0.00910	8.0126	0.09481	0.04582	94	1.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	8.1450	0.09000	8.0126	0.09481	0.04582	94	1.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0152	8.1500	0.10000	8.0126	0.09481	0.04582	94	1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.1500	0.10000	8.0126	0.09481	0.04582	94	1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	8.1550	0.05000	8.0126	0.09481	0.04582	94	1.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	8.1579	0.10850	8.0126	0.09481	0.04582	94	1.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	8.1750	0.07000	8.0126	0.09481	0.04582	94	1.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	8.2000	0.20000	8.0126	0.09481	0.04582	94	1.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	8.2100	0.02000	8.0126	0.09481	0.04582	94	2.08	1%	0
005.00	Ash, 2h @ 600°C (%)	1019	8.4001	0.01590	8.0126	0.09481	0.04582	94	4.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0144	11.085	0.15000	8.0126	0.09481	0.04582	94	32.40	19%	0
005.00	Ash, 2h @ 600°C (%)	0956	8.0500	0.30000	8.0126	0.09481	0.04582	94	0.39	0%	1
005.00	Ash, 2h @ 600°C (%)	0618	13.681	0.03210	8.0126	0.09481	0.04582	94	59.79	35%	2
005.05	Ash, 3h @ 550°C (%)	0294	7.9500	0.10000	8.0859	0.08905	0.05123	22	-1.53	1%	0
005.05	Ash, 3h @ 550°C (%)	0940	7.9500	0.10000	8.0859	0.08905	0.05123	22	-1.53	1%	0
005.05	Ash, 3h @ 550°C (%)	0904	7.9750	0.03000	8.0859	0.08905	0.05123	22	-1.25	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	8.0000	0.20000	8.0859	0.08905	0.05123	22	-0.96	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	8.0200	0.02000	8.0859	0.08905	0.05123	22	-0.74	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	8.0400	0.02000	8.0859	0.08905	0.05123	22	-0.52	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	8.0600	0.02000	8.0859	0.08905	0.05123	22	-0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	0893	8.0600	0.02000	8.0859	0.08905	0.05123	22	-0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	8.0625	0.01500	8.0859	0.08905	0.05123	22	-0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	8.0707	0.03320	8.0859	0.08905	0.05123	22	-0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	8.0800	0.00000	8.0859	0.08905	0.05123	22	-0.07	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	8.0900	0.02000	8.0859	0.08905	0.05123	22	0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0937	8.0950	0.01000	8.0859	0.08905	0.05123	22	0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	8.1000	0.00000	8.0859	0.08905	0.05123	22	0.16	0%	0
005.05	Ash, 3h @ 550°C (%)	0038	8.1100	0.08000	8.0859	0.08905	0.05123	22	0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0685	8.1150	0.01000	8.0859	0.08905	0.05123	22	0.33	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	8.1350	0.01000	8.0859	0.08905	0.05123	22	0.55	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	8.1526	0.00890	8.0859	0.08905	0.05123	22	0.75	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	8.1950	0.05000	8.0859	0.08905	0.05123	22	1.23	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	8.2000	0.20000	8.0859	0.08905	0.05123	22	1.28	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	8.2050	0.17000	8.0859	0.08905	0.05123	22	1.34	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	8.2750	0.01000	8.0859	0.08905	0.05123	22	2.12	1%	0
005.11	Ash, NIR (%)	0720	4.4950	0.17000	6.3172	1.5328	0.12581	8	-1.19	14%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.11	Ash, NIR (%)	2128	4.5760	0.01650	6.3172	1.5328	0.12581	8	-1.14	14%	0
005.11	Ash, NIR (%)	0613	6.1450	0.01000	6.3172	1.5328	0.12581	8	-0.11	1%	0
005.11	Ash, NIR (%)	0297	6.3050	0.13000	6.3172	1.5328	0.12581	8	-0.01	0%	0
005.11	Ash, NIR (%)	2120	6.4750	0.37000	6.3172	1.5328	0.12581	8	0.10	1%	0
005.11	Ash, NIR (%)	2121	6.6000	0.18000	6.3172	1.5328	0.12581	8	0.18	2%	0
005.11	Ash, NIR (%)	0889	7.3250	0.03000	6.3172	1.5328	0.12581	8	0.66	8%	0
005.11	Ash, NIR (%)	0852	9.5000	0.10000	6.3172	1.5328	0.12581	8	2.08	25%	0
005.11	Ash, NIR (%)	0596	6.5050	1.2100	6.3172	1.5328	0.12581	8	0.12	1%	1
005.99	Ash, Miscellaneous (%)	0202	7.9000	0.00000	8.0775	0.14026	0.05222	9	-1.27	1%	0
005.99	Ash, Miscellaneous (%)	0574	7.9450	0.01000	8.0775	0.14026	0.05222	9	-0.95	1%	0
005.99	Ash, Miscellaneous (%)	0728	8.0150	0.13000	8.0775	0.14026	0.05222	9	-0.45	0%	0
005.99	Ash, Miscellaneous (%)	0613	8.0200	0.02000	8.0775	0.14026	0.05222	9	-0.41	0%	0
005.99	Ash, Miscellaneous (%)	0546	8.0650	0.05000	8.0775	0.14026	0.05222	9	-0.09	0%	0
005.99	Ash, Miscellaneous (%)	0629	8.1150	0.01000	8.0775	0.14026	0.05222	9	0.27	0%	0
005.99	Ash, Miscellaneous (%)	0652	8.1500	0.10000	8.0775	0.14026	0.05222	9	0.52	0%	0
005.99	Ash, Miscellaneous (%)	0644	8.2000	0.00000	8.0775	0.14026	0.05222	9	0.87	1%	0
005.99	Ash, Miscellaneous (%)	0676	8.4450	0.15000	8.0775	0.14026	0.05222	9	2.62	2%	0
006.00	Total sugars, As sucrose (%)	0939	6.4350	0.23000				1			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	6.7000	0.20000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	7.4200	0.04000				2			0
006.05	Total sugars, TSI, Lane-Eunon (12th) (%)	0045	8.3700	0.70000				1			0
006.99	Total sugars, Miscellaneous (%)	0720	5.7750	0.01000	7.3864	1.7214	0.30853	3			0
006.99	Total sugars, Miscellaneous (%)	2128	7.1842	0.31560	7.3864	1.7214	0.30853	3			0
006.99	Total sugars, Miscellaneous (%)	0956	9.2000	0.60000	7.3864	1.7214	0.30853	3			0
008.02	Fiber, Acid Detergent (%)	0676	4.2500	0.16000	5.0577	0.38449	0.22374	14	-2.10	8%	0
008.02	Fiber, Acid Detergent (%)	0948	4.6100	0.28000	5.0577	0.38449	0.22374	14	-1.16	4%	0
008.02	Fiber, Acid Detergent (%)	0208	4.7400	0.78000	5.0577	0.38449	0.22374	14	-0.83	3%	0
008.02	Fiber, Acid Detergent (%)	0728	4.7600	0.22000	5.0577	0.38449	0.22374	14	-0.77	3%	0
008.02	Fiber, Acid Detergent (%)	0353	4.8700	0.18000	5.0577	0.38449	0.22374	14	-0.49	2%	0
008.02	Fiber, Acid Detergent (%)	0309	4.8815	0.04230	5.0577	0.38449	0.22374	14	-0.46	2%	0
008.02	Fiber, Acid Detergent (%)	0098	5.0500	0.38000	5.0577	0.38449	0.22374	14	-0.02	0%	0
008.02	Fiber, Acid Detergent (%)	0675	5.1650	0.01000	5.0577	0.38449	0.22374	14	0.28	1%	0
008.02	Fiber, Acid Detergent (%)	0939	5.2000	0.06000	5.0577	0.38449	0.22374	14	0.37	1%	0
008.02	Fiber, Acid Detergent (%)	0609	5.2500	0.18000	5.0577	0.38449	0.22374	14	0.50	2%	0
008.02	Fiber, Acid Detergent (%)	0148	5.3300	0.00000	5.0577	0.38449	0.22374	14	0.71	3%	0
008.02	Fiber, Acid Detergent (%)	2129	5.4550	0.19000	5.0577	0.38449	0.22374	14	1.03	4%	0
008.02	Fiber, Acid Detergent (%)	0226	5.5000	0.00000	5.0577	0.38449	0.22374	14	1.15	4%	0
008.02	Fiber, Acid Detergent (%)	0504	5.5150	0.65000	5.0577	0.38449	0.22374	14	1.19	5%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	5.4000	0.40000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	3.4450	0.27000	5.0268	0.70837	0.20179	35	-2.23	16%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0563	3.9081	0.15920	5.0268	0.70837	0.20179	35	-1.58	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0015	4.0300	0.00000	5.0268	0.70837	0.20179	35	-1.41	10%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	4.2270	0.01000	5.0268	0.70837	0.20179	35	-1.13	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	4.2450	0.01000	5.0268	0.70837	0.20179	35	-1.10	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	4.3000	0.24000	5.0268	0.70837	0.20179	35	-1.03	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	4.3250	0.15000	5.0268	0.70837	0.20179	35	-0.99	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	4.4800	0.36000	5.0268	0.70837	0.20179	35	-0.77	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	4.5350	0.15000	5.0268	0.70837	0.20179	35	-0.69	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	4.5750	0.01000	5.0268	0.70837	0.20179	35	-0.64	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0937	4.6050	0.05000	5.0268	0.70837	0.20179	35	-0.60	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	4.6800	0.00000	5.0268	0.70837	0.20179	35	-0.49	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	4.7500	0.30000	5.0268	0.70837	0.20179	35	-0.39	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	4.7550	0.13000	5.0268	0.70837	0.20179	35	-0.38	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	4.8600	0.20000	5.0268	0.70837	0.20179	35	-0.24	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	4.8700	0.52000	5.0268	0.70837	0.20179	35	-0.22	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	4.9600	0.04000	5.0268	0.70837	0.20179	35	-0.09	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	5.0500	0.34000	5.0268	0.70837	0.20179	35	0.03	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	5.1050	0.01950	5.0268	0.70837	0.20179	35	0.11	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	5.2050	0.57000	5.0268	0.70837	0.20179	35	0.25	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	5.2400	0.14000	5.0268	0.70837	0.20179	35	0.30	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	5.2500	0.10000	5.0268	0.70837	0.20179	35	0.32	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	5.3098	0.00130	5.0268	0.70837	0.20179	35	0.40	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	5.3900	0.80000	5.0268	0.70837	0.20179	35	0.51	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	5.4950	0.43000	5.0268	0.70837	0.20179	35	0.66	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0904	5.5850	0.33000	5.0268	0.70837	0.20179	35	0.79	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0848	5.6050	0.19000	5.0268	0.70837	0.20179	35	0.82	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	5.6450	0.05000	5.0268	0.70837	0.20179	35	0.87	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	5.6500	0.30000	5.0268	0.70837	0.20179	35	0.88	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	5.7000	0.00000	5.0268	0.70837	0.20179	35	0.95	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	5.7540	0.10450	5.0268	0.70837	0.20179	35	1.03	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	5.8036	0.27800	5.0268	0.70837	0.20179	35	1.10	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	5.8500	0.10000	5.0268	0.70837	0.20179	35	1.16	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	6.0850	0.01000	5.0268	0.70837	0.20179	35	1.49	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	6.7500	0.70000	5.0268	0.70837	0.20179	35	2.43	17%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	5.0300	1.2000	5.0268	0.70837	0.20179	35	0.00	0%	1
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	5.3500	1.3000	5.0268	0.70837	0.20179	35	0.46	3%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	2128	2.1119	0.20980	4.0704	1.3604	0.06996	5	-1.44	24%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0723	3.4100	0.00000	4.0704	1.3604	0.06996	5	-0.49	8%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0613	4.4500	0.06000	4.0704	1.3604	0.06996	5	0.28	5%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	4.7000	0.00000	4.0704	1.3604	0.06996	5	0.46	8%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	5.6800	0.08000	4.0704	1.3604	0.06996	5	1.18	20%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	10.830	1.7200				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	9.3450	0.31000	10.960	1.2144	0.19926	7	-1.33	7%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	9.6700	0.04000	10.960	1.2144	0.19926	7	-1.06	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	10.800	0.00000	10.960	1.2144	0.19926	7	-0.13	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	11.485	0.37000	10.960	1.2144	0.19926	7	0.43	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	11.550	0.44000	10.960	1.2144	0.19926	7	0.49	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	11.760	0.12000	10.960	1.2144	0.19926	7	0.66	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	12.109	0.11480	10.960	1.2144	0.19926	7	0.95	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	8.2250	0.37000	10.390	0.91954	0.26374	32	-2.35	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	9.0300	0.22000	10.390	0.91954	0.26374	32	-1.48	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	9.1500	0.10000	10.390	0.91954	0.26374	32	-1.35	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	9.1750	0.15000	10.390	0.91954	0.26374	32	-1.32	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	9.3500	0.30000	10.390	0.91954	0.26374	32	-1.13	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	9.3950	0.49000	10.390	0.91954	0.26374	32	-1.08	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0098	9.6000	0.26000	10.390	0.91954	0.26374	32	-0.86	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	9.7950	0.69000	10.390	0.91954	0.26374	32	-0.65	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	9.8500	0.04000	10.390	0.91954	0.26374	32	-0.59	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	10.050	0.50000	10.390	0.91954	0.26374	32	-0.37	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	10.070	0.12000	10.390	0.91954	0.26374	32	-0.35	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	10.185	0.05000	10.390	0.91954	0.26374	32	-0.22	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	10.200	0.40000	10.390	0.91954	0.26374	32	-0.21	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	10.350	0.50000	10.390	0.91954	0.26374	32	-0.04	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	10.368	0.45620	10.390	0.91954	0.26374	32	-0.02	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	10.450	0.10000	10.390	0.91954	0.26374	32	0.07	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	10.495	0.17000	10.390	0.91954	0.26374	32	0.11	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0015	10.505	0.61000	10.390	0.91954	0.26374	32	0.13	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	10.550	0.02000	10.390	0.91954	0.26374	32	0.17	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	10.597	0.52990	10.390	0.91954	0.26374	32	0.23	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	10.625	0.29000	10.390	0.91954	0.26374	32	0.26	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	10.700	0.10000	10.390	0.91954	0.26374	32	0.34	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	10.735	0.50860	10.390	0.91954	0.26374	32	0.38	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	10.865	0.19000	10.390	0.91954	0.26374	32	0.52	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	10.930	0.30000	10.390	0.91954	0.26374	32	0.59	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0563	10.937	0.09840	10.390	0.91954	0.26374	32	0.60	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	11.300	0.20000	10.390	0.91954	0.26374	32	0.99	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	11.350	0.30000	10.390	0.91954	0.26374	32	1.04	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	11.575	0.07000	10.390	0.91954	0.26374	32	1.29	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	11.745	0.05000	10.390	0.91954	0.26374	32	1.47	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	13.293	0.10860	10.390	0.91954	0.26374	32	3.16	14%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	13.466	0.14800	10.390	0.91954	0.26374	32	3.35	15%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	11.750	2.1000	10.390	0.91954	0.26374	32	1.48	7%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	2128	9.1143	0.05430	10.040	0.74110	0.13405	6	-1.25	5%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	9.6850	0.19000	10.040	0.74110	0.13405	6	-0.48	2%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0723	9.7600	0.00000	10.040	0.74110	0.13405	6	-0.38	1%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	10.200	0.06000	10.040	0.74110	0.13405	6	0.22	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	Robust SD	R-bar	# Labs			
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	10.555	0.37000	10.040	0.74110	0.13405	6	0.70	3%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	10.925	0.13000	10.040	0.74110	0.13405	6	1.19	4%	0
010.03	Moisture, Karl-Fischer (%)	0843	8.5150	1.1500	8.7075	0.03182	0.44000	3			0
010.03	Moisture, Karl-Fischer (%)	0208	8.6850	0.09000	8.7075	0.03182	0.44000	3			0
010.03	Moisture, Karl-Fischer (%)	0164	8.7300	0.08000	8.7075	0.03182	0.44000	3			0
010.11	Moisture, NIR (%)	2121	8.9150	0.05000	9.5221	0.69927	0.17075	8	-0.87	3%	0
010.11	Moisture, NIR (%)	0596	9.0050	0.57000	9.5221	0.69927	0.17075	8	-0.74	3%	0
010.11	Moisture, NIR (%)	2120	9.0100	0.06000	9.5221	0.69927	0.17075	8	-0.73	3%	0
010.11	Moisture, NIR (%)	0720	9.3100	0.04000	9.5221	0.69927	0.17075	8	-0.30	1%	0
010.11	Moisture, NIR (%)	0553	9.3800	0.18000	9.5221	0.69927	0.17075	8	-0.20	1%	0
010.11	Moisture, NIR (%)	0852	9.7150	0.01000	9.5221	0.69927	0.17075	8	0.28	1%	0
010.11	Moisture, NIR (%)	2128	10.271	0.35600	9.5221	0.69927	0.17075	8	1.07	4%	0
010.11	Moisture, NIR (%)	0889	15.770	0.10000	9.5221	0.69927	0.17075	8	8.93	33%	0
010.99	Moisture, Miscellaneous (%)	0546	7.4850	0.15000	8.5433	0.58687	0.10660	22	-1.80	6%	0
010.99	Moisture, Miscellaneous (%)	0028	7.5400	0.02000	8.5433	0.58687	0.10660	22	-1.71	6%	0
010.99	Moisture, Miscellaneous (%)	0722	7.8242	0.05510	8.5433	0.58687	0.10660	22	-1.23	4%	0
010.99	Moisture, Miscellaneous (%)	0168	7.8600	0.02000	8.5433	0.58687	0.10660	22	-1.16	4%	0
010.99	Moisture, Miscellaneous (%)	0910	8.2000	0.20000	8.5433	0.58687	0.10660	22	-0.58	2%	0
010.99	Moisture, Miscellaneous (%)	0939	8.2500	0.00000	8.5433	0.58687	0.10660	22	-0.50	2%	0
010.99	Moisture, Miscellaneous (%)	0948	8.2700	0.00000	8.5433	0.58687	0.10660	22	-0.47	2%	0
010.99	Moisture, Miscellaneous (%)	0917	8.4000	0.20000	8.5433	0.58687	0.10660	22	-0.24	1%	0
010.99	Moisture, Miscellaneous (%)	2004	8.4800	0.08000	8.5433	0.58687	0.10660	22	-0.11	0%	0
010.99	Moisture, Miscellaneous (%)	0692	8.5000	0.20000	8.5433	0.58687	0.10660	22	-0.07	0%	0
010.99	Moisture, Miscellaneous (%)	0019	8.5250	0.27000	8.5433	0.58687	0.10660	22	-0.03	0%	0
010.99	Moisture, Miscellaneous (%)	0405	8.5600	0.04000	8.5433	0.58687	0.10660	22	0.03	0%	0
010.99	Moisture, Miscellaneous (%)	0884	8.6000	0.20000	8.5433	0.58687	0.10660	22	0.10	0%	0
010.99	Moisture, Miscellaneous (%)	2043	8.6550	0.03000	8.5433	0.58687	0.10660	22	0.19	1%	0
010.99	Moisture, Miscellaneous (%)	2089	8.7350	0.09000	8.5433	0.58687	0.10660	22	0.33	1%	0
010.99	Moisture, Miscellaneous (%)	0726	8.8150	0.01000	8.5433	0.58687	0.10660	22	0.46	2%	0
010.99	Moisture, Miscellaneous (%)	0921	8.8700	0.18000	8.5433	0.58687	0.10660	22	0.56	2%	0
010.99	Moisture, Miscellaneous (%)	0190	8.9150	0.03000	8.5433	0.58687	0.10660	22	0.63	2%	0
010.99	Moisture, Miscellaneous (%)	2129	8.9300	0.06000	8.5433	0.58687	0.10660	22	0.66	2%	0
010.99	Moisture, Miscellaneous (%)	2105	9.3900	0.20000	8.5433	0.58687	0.10660	22	1.44	5%	0
010.99	Moisture, Miscellaneous (%)	2066	9.4350	0.23000	8.5433	0.58687	0.10660	22	1.52	5%	0
010.99	Moisture, Miscellaneous (%)	2127	9.6200	0.08000	8.5433	0.58687	0.10660	22	1.83	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	6.8700	0.02000	9.2907	0.30911	0.09159	73	-7.83	13%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	7.8750	0.05000	9.2907	0.30911	0.09159	73	-4.58	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	8.5650	0.09000	9.2907	0.30911	0.09159	73	-2.35	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	8.6150	0.01000	9.2907	0.30911	0.09159	73	-2.19	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	8.6150	0.11000	9.2907	0.30911	0.09159	73	-2.19	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	8.8100	0.00000	9.2907	0.30911	0.09159	73	-1.56	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	8.8500	0.04000	9.2907	0.30911	0.09159	73	-1.43	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	2075	8.8700	0.00000	9.2907	0.30911	0.09159	73	-1.36	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.8900	0.00000	9.2907	0.30911	0.09159	73	-1.30	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	8.9037	0.00640	9.2907	0.30911	0.09159	73	-1.25	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	8.9258	0.09510	9.2907	0.30911	0.09159	73	-1.18	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	8.9350	0.05000	9.2907	0.30911	0.09159	73	-1.15	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	8.9450	0.03000	9.2907	0.30911	0.09159	73	-1.12	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	8.9500	0.12000	9.2907	0.30911	0.09159	73	-1.10	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.9700	0.22000	9.2907	0.30911	0.09159	73	-1.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	8.9735	0.28610	9.2907	0.30911	0.09159	73	-1.03	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	8.9900	0.14000	9.2907	0.30911	0.09159	73	-0.97	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	9.0000	0.00000	9.2907	0.30911	0.09159	73	-0.94	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	9.0165	0.03900	9.2907	0.30911	0.09159	73	-0.89	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	9.1200	0.16000	9.2907	0.30911	0.09159	73	-0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	9.1500	0.10000	9.2907	0.30911	0.09159	73	-0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	9.1500	0.02000	9.2907	0.30911	0.09159	73	-0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	9.1646	0.00000	9.2907	0.30911	0.09159	73	-0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	9.2030	0.08500	9.2907	0.30911	0.09159	73	-0.28	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	9.2200	0.46000	9.2907	0.30911	0.09159	73	-0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	9.2400	0.04000	9.2907	0.30911	0.09159	73	-0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	9.2500	0.10000	9.2907	0.30911	0.09159	73	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.2500	0.10000	9.2907	0.30911	0.09159	73	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	9.2700	0.08000	9.2907	0.30911	0.09159	73	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.2704	0.04070	9.2907	0.30911	0.09159	73	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	9.2950	0.07000	9.2907	0.30911	0.09159	73	0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	9.3050	0.11000	9.2907	0.30911	0.09159	73	0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	9.3260	0.06000	9.2907	0.30911	0.09159	73	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	9.3300	0.02000	9.2907	0.30911	0.09159	73	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	9.3300	0.04000	9.2907	0.30911	0.09159	73	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	9.3450	0.01000	9.2907	0.30911	0.09159	73	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	9.3450	0.23000	9.2907	0.30911	0.09159	73	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	9.3500	0.10000	9.2907	0.30911	0.09159	73	0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	9.3650	0.05000	9.2907	0.30911	0.09159	73	0.24	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.3750	0.29000	9.2907	0.30911	0.09159	73	0.27	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	9.3750	0.03000	9.2907	0.30911	0.09159	73	0.27	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0194	9.3850	0.03000	9.2907	0.30911	0.09159	73	0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	9.3850	0.01000	9.2907	0.30911	0.09159	73	0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	9.3900	0.12000	9.2907	0.30911	0.09159	73	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.3950	0.01000	9.2907	0.30911	0.09159	73	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	9.3950	0.15000	9.2907	0.30911	0.09159	73	0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.4150	0.27000	9.2907	0.30911	0.09159	73	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	9.4232	0.11500	9.2907	0.30911	0.09159	73	0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2095	9.4250	0.35000	9.2907	0.30911	0.09159	73	0.43	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0066	9.4300	0.06000	9.2907	0.30911	0.09159	73	0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	9.4350	0.01000	9.2907	0.30911	0.09159	73	0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	9.4495	0.03500	9.2907	0.30911	0.09159	73	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	9.4500	0.14000	9.2907	0.30911	0.09159	73	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	9.4800	0.04000	9.2907	0.30911	0.09159	73	0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.4820	0.03600	9.2907	0.30911	0.09159	73	0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	9.4895	0.02300	9.2907	0.30911	0.09159	73	0.64	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	9.5350	0.11000	9.2907	0.30911	0.09159	73	0.79	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	9.5350	0.19000	9.2907	0.30911	0.09159	73	0.79	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	9.5365	0.02100	9.2907	0.30911	0.09159	73	0.80	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	9.5400	0.18000	9.2907	0.30911	0.09159	73	0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	9.5500	0.10000	9.2907	0.30911	0.09159	73	0.84	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	9.5500	0.10000	9.2907	0.30911	0.09159	73	0.84	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	9.5550	0.01000	9.2907	0.30911	0.09159	73	0.86	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	9.5800	0.02000	9.2907	0.30911	0.09159	73	0.94	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	9.6050	0.13000	9.2907	0.30911	0.09159	73	1.02	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	9.6150	0.03000	9.2907	0.30911	0.09159	73	1.05	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	9.6350	0.03600	9.2907	0.30911	0.09159	73	1.11	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.6500	0.10000	9.2907	0.30911	0.09159	73	1.16	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	9.6850	0.25000	9.2907	0.30911	0.09159	73	1.28	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	9.7450	0.03000	9.2907	0.30911	0.09159	73	1.47	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	9.7600	0.36000	9.2907	0.30911	0.09159	73	1.52	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	9.8380	0.01800	9.2907	0.30911	0.09159	73	1.77	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.050	0.10000	9.2907	0.30911	0.09159	73	2.46	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	10.280	1.9200	9.2907	0.30911	0.09159	73	3.20	5%	1
011.01	Loss on Drying, 135°C 2hr (%)	0539	11.295	4.2700	9.2907	0.30911	0.09159	73	6.48	11%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	9.0700	0.36000				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	9.1000	0.00000				2			0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0681	7.5300	0.10000				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	8.8050	0.09000	8.9688	0.17187	0.08250	4	-0.95	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	8.8800	0.02000	8.9688	0.17187	0.08250	4	-0.52	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	8.9900	0.22000	8.9688	0.17187	0.08250	4	0.12	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	9.2000	0.00000	8.9688	0.17187	0.08250	4	1.35	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	31.765	0.47000	34.423	1.1606	0.25111	9	-2.29	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	33.500	0.00000	34.423	1.1606	0.25111	9	-0.80	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	33.900	0.40000	34.423	1.1606	0.25111	9	-0.45	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	34.000	0.60000	34.423	1.1606	0.25111	9	-0.36	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	34.315	0.15000	34.423	1.1606	0.25111	9	-0.09	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	34.865	0.21000	34.423	1.1606	0.25111	9	0.38	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	35.215	0.43000	34.423	1.1606	0.25111	9	0.68	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	35.410	0.00000	34.423	1.1606	0.25111	9	0.85	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	35.918	0.00000	34.423	1.1606	0.25111	9	1.29	2%	0

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012.01	Starch, Megazyme (%)	0918	27.647	1.9680	32.494	2.2622	0.59794	8	-2.14	7%	0
012.01	Starch, Megazyme (%)	0613	31.305	0.41000	32.494	2.2622	0.59794	8	-0.53	2%	0
012.01	Starch, Megazyme (%)	0956	31.350	0.50000	32.494	2.2622	0.59794	8	-0.51	2%	0
012.01	Starch, Megazyme (%)	2004	32.300	0.00000	32.494	2.2622	0.59794	8	-0.09	0%	0
012.01	Starch, Megazyme (%)	0870	33.057	0.78550	32.494	2.2622	0.59794	8	0.25	1%	0
012.01	Starch, Megazyme (%)	0676	33.300	0.42000	32.494	2.2622	0.59794	8	0.36	1%	0
012.01	Starch, Megazyme (%)	0045	33.650	0.70000	32.494	2.2622	0.59794	8	0.51	2%	0
012.01	Starch, Megazyme (%)	0265	42.600	0.00000	32.494	2.2622	0.59794	8	4.47	16%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	36.520	0.02000				1			0
012.03	Starch, Enzymatic (%)	0885	30.551	0.46230	33.282	1.7742	0.60904	5	-1.54	4%	0
012.03	Starch, Enzymatic (%)	0889	32.955	0.05000	33.282	1.7742	0.60904	5	-0.18	0%	0
012.03	Starch, Enzymatic (%)	0098	33.300	1.0000	33.282	1.7742	0.60904	5	0.01	0%	0
012.03	Starch, Enzymatic (%)	0297	34.355	1.5300	33.282	1.7742	0.60904	5	0.60	2%	0
012.03	Starch, Enzymatic (%)	0407	35.251	0.00290	33.282	1.7742	0.60904	5	1.11	3%	0
012.04	Starch, YSI Analyzer (%)	0278	30.750	0.30000	32.231	1.5326	0.27750	4	-0.97	2%	0
012.04	Starch, YSI Analyzer (%)	0510	31.550	0.10000	32.231	1.5326	0.27750	4	-0.44	1%	0
012.04	Starch, YSI Analyzer (%)	0353	32.300	0.04000	32.231	1.5326	0.27750	4	0.04	0%	0
012.04	Starch, YSI Analyzer (%)	0948	34.325	0.67000	32.231	1.5326	0.27750	4	1.37	3%	0
012.11	Starch, NIR (%)	0852	31.150	0.06000	34.253	2.7609	0.07660	5	-1.12	5%	0
012.11	Starch, NIR (%)	0889	32.780	0.10000	34.253	2.7609	0.07660	5	-0.53	2%	0
012.11	Starch, NIR (%)	0720	33.150	0.10000	34.253	2.7609	0.07660	5	-0.40	2%	0
012.11	Starch, NIR (%)	0596	36.270	0.00000	34.253	2.7609	0.07660	5	0.73	3%	0
012.11	Starch, NIR (%)	2128	37.915	0.12300	34.253	2.7609	0.07660	5	1.33	5%	0
012.11	Starch, NIR (%)	0297	35.355	0.77000	34.253	2.7609	0.07660	5	0.40	2%	1
013.00	Fat, Acid hydrolysis (%)	0297	4.6650	0.11000	5.4167	0.57204	0.20081	19	-1.31	7%	0
013.00	Fat, Acid hydrolysis (%)	0681	4.7200	0.30000	5.4167	0.57204	0.20081	19	-1.22	6%	0
013.00	Fat, Acid hydrolysis (%)	0904	4.7250	0.03000	5.4167	0.57204	0.20081	19	-1.21	6%	0
013.00	Fat, Acid hydrolysis (%)	0242	4.8250	0.37000	5.4167	0.57204	0.20081	19	-1.03	5%	0
013.00	Fat, Acid hydrolysis (%)	0555	5.0500	0.50000	5.4167	0.57204	0.20081	19	-0.64	3%	0
013.00	Fat, Acid hydrolysis (%)	0689	5.1500	0.30000	5.4167	0.57204	0.20081	19	-0.47	2%	0
013.00	Fat, Acid hydrolysis (%)	0884	5.3000	0.40000	5.4167	0.57204	0.20081	19	-0.20	1%	0
013.00	Fat, Acid hydrolysis (%)	0504	5.3000	0.22000	5.4167	0.57204	0.20081	19	-0.20	1%	0
013.00	Fat, Acid hydrolysis (%)	2004	5.3000	0.20000	5.4167	0.57204	0.20081	19	-0.20	1%	0
013.00	Fat, Acid hydrolysis (%)	0948	5.3150	0.03000	5.4167	0.57204	0.20081	19	-0.18	1%	0
013.00	Fat, Acid hydrolysis (%)	0910	5.3950	0.01000	5.4167	0.57204	0.20081	19	-0.04	0%	0
013.00	Fat, Acid hydrolysis (%)	0541	5.4850	0.27000	5.4167	0.57204	0.20081	19	0.12	1%	0
013.00	Fat, Acid hydrolysis (%)	0229	5.5950	0.15000	5.4167	0.57204	0.20081	19	0.31	2%	0
013.00	Fat, Acid hydrolysis (%)	2057	5.7100	0.06000	5.4167	0.57204	0.20081	19	0.51	3%	0
013.00	Fat, Acid hydrolysis (%)	0139	5.8550	0.09000	5.4167	0.57204	0.20081	19	0.77	4%	0
013.00	Fat, Acid hydrolysis (%)	0309	5.9525	0.17530	5.4167	0.57204	0.20081	19	0.94	5%	0
013.00	Fat, Acid hydrolysis (%)	0083	6.0250	0.11000	5.4167	0.57204	0.20081	19	1.06	6%	0
013.00	Fat, Acid hydrolysis (%)	0202	6.3150	0.05000	5.4167	0.57204	0.20081	19	1.57	8%	0

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013.00	Fat, Acid hydrolysis (%)	2076	6.5000	0.44000	5.4167	0.57204	0.20081	19	1.89	10%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	4.7700	0.12000	5.8297	0.44214	0.15535	20	-2.40	9%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	5.1250	0.23000	5.8297	0.44214	0.15535	20	-1.59	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	5.3100	0.04000	5.8297	0.44214	0.15535	20	-1.18	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	5.3400	0.26000	5.8297	0.44214	0.15535	20	-1.11	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	5.5900	0.28000	5.8297	0.44214	0.15535	20	-0.54	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	5.6300	0.10000	5.8297	0.44214	0.15535	20	-0.45	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	5.7200	0.00000	5.8297	0.44214	0.15535	20	-0.25	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	5.7650	0.07000	5.8297	0.44214	0.15535	20	-0.15	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	5.7900	0.10000	5.8297	0.44214	0.15535	20	-0.09	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	5.8150	0.39000	5.8297	0.44214	0.15535	20	-0.03	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	5.8200	0.26000	5.8297	0.44214	0.15535	20	-0.02	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	5.8750	0.17000	5.8297	0.44214	0.15535	20	0.10	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	5.9550	0.05000	5.8297	0.44214	0.15535	20	0.28	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	6.0250	0.17000	5.8297	0.44214	0.15535	20	0.44	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	6.1150	0.11000	5.8297	0.44214	0.15535	20	0.65	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	6.1179	0.40700	5.8297	0.44214	0.15535	20	0.65	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	6.1250	0.01000	5.8297	0.44214	0.15535	20	0.67	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	6.3050	0.19000	5.8297	0.44214	0.15535	20	1.08	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	6.4700	0.06000	5.8297	0.44214	0.15535	20	1.45	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	6.8850	0.09000	5.8297	0.44214	0.15535	20	2.39	9%	0
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	3.4483	0.24920				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	4.7001	0.31530	5.2729	0.40810	0.15361	7	-1.40	5%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	5.0500	0.14000	5.2729	0.40810	0.15361	7	-0.55	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	5.1800	0.10000	5.2729	0.40810	0.15361	7	-0.23	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2095	5.1900	0.40000	5.2729	0.40810	0.15361	7	-0.20	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	5.4000	0.00000	5.2729	0.40810	0.15361	7	0.31	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	5.6200	0.08000	5.2729	0.40810	0.15361	7	0.85	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	5.7700	0.04000	5.2729	0.40810	0.15361	7	1.22	5%	0
013.12	Fat, NIR- Acid Hydrolysis (%)	2128	5.4703	0.08470				1			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	4.7475	0.09700	5.7631	0.85404	0.16940	5	-1.19	9%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	5.2900	0.58000	5.7631	0.85404	0.16940	5	-0.55	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	5.4650	0.07000	5.7631	0.85404	0.16940	5	-0.35	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	6.1000	0.00000	5.7631	0.85404	0.16940	5	0.39	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	6.7400	0.10000	5.7631	0.85404	0.16940	5	1.14	8%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	136.33	3.4200	157.38	16.941	1.9388	4	-1.24	7%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	151.70	1.3350	157.38	16.941	1.9388	4	-0.34	2%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	167.00	2.0000	157.38	16.941	1.9388	4	0.57	3%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	174.50	1.0000	157.38	16.941	1.9388	4	1.01	5%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	161.90	5.2000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	145.50	1.0000	163.92	20.631	3.3541	6	-0.89	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	146.50	5.0000	163.92	20.631	3.3541	6	-0.84	5%	0

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015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	158.50	3.0000	163.92	20.631	3.3541	6	-0.26	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	166.70	0.72440	163.92	20.631	3.3541	6	0.13	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	172.30	4.4000	163.92	20.631	3.3541	6	0.41	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	194.00	6.0000	163.92	20.631	3.3541	6	1.46	9%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	172.50	3.0000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	11.825	0.23000	13.256	1.1421	1.0475	4	-1.25	5%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	13.175	1.8500	13.256	1.1421	1.0475	4	-0.07	0%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	13.415	2.0700	13.256	1.1421	1.0475	4	0.14	1%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	14.610	0.04000	13.256	1.1421	1.0475	4	1.19	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	12.363	0.08980	12.436	0.09991	0.12995	4	-0.73	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	12.395	0.25000	12.436	0.09991	0.12995	4	-0.41	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	12.550	0.10000	12.436	0.09991	0.12995	4	1.14	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	14.360	0.08000	12.436	0.09991	0.12995	4	19.26	8%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	4.0000	0.00000	11.164	3.8498	1.9152	6	-1.86	32%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0168	9.4135	6.6310	11.164	3.8498	1.9152	6	-0.45	8%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	11.250	0.50000	11.164	3.8498	1.9152	6	0.02	0%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	12.930	2.3600	11.164	3.8498	1.9152	6	0.46	8%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	13.000	0.00000	11.164	3.8498	1.9152	6	0.48	8%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	15.000	2.0000	11.164	3.8498	1.9152	6	1.00	17%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	0.93200	0.03000	1.0295	0.04843	0.02371	15	-2.01	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	0.99150	0.00700	1.0295	0.04843	0.02371	15	-0.78	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0722	0.99330	0.00200	1.0295	0.04843	0.02371	15	-0.75	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	0.99500	0.01000	1.0295	0.04843	0.02371	15	-0.71	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.0030	0.02800	1.0295	0.04843	0.02371	15	-0.55	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.0038	0.02810	1.0295	0.04843	0.02371	15	-0.53	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2097	1.0162	0.03260	1.0295	0.04843	0.02371	15	-0.27	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.0235	0.03300	1.0295	0.04843	0.02371	15	-0.12	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	1.0250	0.01000	1.0295	0.04843	0.02371	15	-0.09	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	1.0300	0.00000	1.0295	0.04843	0.02371	15	0.01	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	1.0650	0.01000	1.0295	0.04843	0.02371	15	0.73	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.0650	0.01000	1.0295	0.04843	0.02371	15	0.73	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.0700	0.02000	1.0295	0.04843	0.02371	15	0.84	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	1.1175	0.08500	1.0295	0.04843	0.02371	15	1.82	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.1750	0.05000	1.0295	0.04843	0.02371	15	3.00	7%	0
019.02	Calcium, Hach Method (%)	2128	0.80850	0.00500				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.1088	0.01150				1			0
019.08	Calcium, EDTA (%)	0629	1.0100	0.00000	1.0400	0.03553	0.01246	8	-0.84	1%	0
019.08	Calcium, EDTA (%)	0885	1.0124	0.01590	1.0400	0.03553	0.01246	8	-0.78	1%	0
019.08	Calcium, EDTA (%)	0590	1.0200	0.00000	1.0400	0.03553	0.01246	8	-0.56	1%	0
019.08	Calcium, EDTA (%)	2009	1.0263	0.00380	1.0400	0.03553	0.01246	8	-0.39	1%	0
019.08	Calcium, EDTA (%)	0849	1.0360	0.00800	1.0400	0.03553	0.01246	8	-0.11	0%	0
019.08	Calcium, EDTA (%)	0940	1.0400	0.02000	1.0400	0.03553	0.01246	8	0.00	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.08	Calcium, EDTA (%)	0138	1.0820	0.02200	1.0400	0.03553	0.01246	8	1.18	2%	0
019.08	Calcium, EDTA (%)	0689	1.1050	0.03000	1.0400	0.03553	0.01246	8	1.83	3%	0
019.09	Calcium, Ion-selective electrode (%)	2109	0.94150	0.00500				2			0
019.09	Calcium, Ion-selective electrode (%)	2006	1.1070	0.04200				2			0
019.31	Calcium, AAS, Dry ash (%)	0874	0.79060	0.03940	1.0077	0.05525	0.02301	27	-3.93	11%	0
019.31	Calcium, AAS, Dry ash (%)	0884	0.90000	0.02000	1.0077	0.05525	0.02301	27	-1.95	5%	0
019.31	Calcium, AAS, Dry ash (%)	0001	0.93300	0.02800	1.0077	0.05525	0.02301	27	-1.35	4%	0
019.31	Calcium, AAS, Dry ash (%)	0152	0.95000	0.02000	1.0077	0.05525	0.02301	27	-1.04	3%	0
019.31	Calcium, AAS, Dry ash (%)	0921	0.95240	0.00000	1.0077	0.05525	0.02301	27	-1.00	3%	0
019.31	Calcium, AAS, Dry ash (%)	0723	0.96410	0.00000	1.0077	0.05525	0.02301	27	-0.79	2%	0
019.31	Calcium, AAS, Dry ash (%)	0904	0.97500	0.01000	1.0077	0.05525	0.02301	27	-0.59	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	0.98745	0.00650	1.0077	0.05525	0.02301	27	-0.37	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	0.99000	0.08000	1.0077	0.05525	0.02301	27	-0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	0.99200	0.00000	1.0077	0.05525	0.02301	27	-0.28	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	0.99500	0.03000	1.0077	0.05525	0.02301	27	-0.23	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	0.99500	0.01000	1.0077	0.05525	0.02301	27	-0.23	1%	0
019.31	Calcium, AAS, Dry ash (%)	0014	0.99800	0.04400	1.0077	0.05525	0.02301	27	-0.18	0%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.0000	0.00000	1.0077	0.05525	0.02301	27	-0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.0050	0.00200	1.0077	0.05525	0.02301	27	-0.05	0%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.0150	0.07000	1.0077	0.05525	0.02301	27	0.13	0%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.0200	0.02000	1.0077	0.05525	0.02301	27	0.22	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.0270	0.00730	1.0077	0.05525	0.02301	27	0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.0300	0.02000	1.0077	0.05525	0.02301	27	0.40	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.0450	0.01000	1.0077	0.05525	0.02301	27	0.67	2%	0
019.31	Calcium, AAS, Dry ash (%)	0653	1.0450	0.02000	1.0077	0.05525	0.02301	27	0.67	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.0500	0.00000	1.0077	0.05525	0.02301	27	0.77	2%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.0530	0.04400	1.0077	0.05525	0.02301	27	0.82	2%	0
019.31	Calcium, AAS, Dry ash (%)	0066	1.0650	0.05000	1.0077	0.05525	0.02301	27	1.04	3%	0
019.31	Calcium, AAS, Dry ash (%)	0018	1.1050	0.01000	1.0077	0.05525	0.02301	27	1.76	5%	0
019.31	Calcium, AAS, Dry ash (%)	0689	1.1600	0.06000	1.0077	0.05525	0.02301	27	2.76	8%	0
019.31	Calcium, AAS, Dry ash (%)	0596	1.2100	0.02000	1.0077	0.05525	0.02301	27	3.66	10%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.1350	0.11000	1.0077	0.05525	0.02301	27	2.30	6%	1
019.32	Calcium, AAS, Open vessel (%)	0169	1.0250	0.01000	1.0780	0.04778	0.02880	5	-1.11	2%	0
019.32	Calcium, AAS, Open vessel (%)	0035	1.0500	0.02000	1.0780	0.04778	0.02880	5	-0.59	1%	0
019.32	Calcium, AAS, Open vessel (%)	0612	1.0700	0.02000	1.0780	0.04778	0.02880	5	-0.17	0%	0
019.32	Calcium, AAS, Open vessel (%)	0504	1.0950	0.07400	1.0780	0.04778	0.02880	5	0.36	1%	0
019.32	Calcium, AAS, Open vessel (%)	0609	1.1500	0.02000	1.0780	0.04778	0.02880	5	1.51	3%	0
019.33	Calcium, AAS, Microwave (%)	0010	1.0050	0.09000				2			0
019.33	Calcium, AAS, Microwave (%)	0504	1.0655	0.06700				2			0
019.41	Calcium, ICP, Dry ash (%)	0144	0.92000	0.02000	1.0359	0.05398	0.02350	31	-2.15	6%	0
019.41	Calcium, ICP, Dry ash (%)	0682	0.96000	0.00000	1.0359	0.05398	0.02350	31	-1.41	4%	0
019.41	Calcium, ICP, Dry ash (%)	0910	0.96500	0.03000	1.0359	0.05398	0.02350	31	-1.31	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0720	0.97500	0.01000	1.0359	0.05398	0.02350	31	-1.13	3%	0
019.41	Calcium, ICP, Dry ash (%)	0019	0.99000	0.02000	1.0359	0.05398	0.02350	31	-0.85	2%	0
019.41	Calcium, ICP, Dry ash (%)	2012	0.99000	0.00000	1.0359	0.05398	0.02350	31	-0.85	2%	0
019.41	Calcium, ICP, Dry ash (%)	0610	0.99500	0.01000	1.0359	0.05398	0.02350	31	-0.76	2%	0
019.41	Calcium, ICP, Dry ash (%)	0164	0.99600	0.00200	1.0359	0.05398	0.02350	31	-0.74	2%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.0000	0.06000	1.0359	0.05398	0.02350	31	-0.66	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.0050	0.03000	1.0359	0.05398	0.02350	31	-0.57	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.0100	0.02000	1.0359	0.05398	0.02350	31	-0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.0200	0.02000	1.0359	0.05398	0.02350	31	-0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.0300	0.02000	1.0359	0.05398	0.02350	31	-0.11	0%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.0350	0.03000	1.0359	0.05398	0.02350	31	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.0350	0.01000	1.0359	0.05398	0.02350	31	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.0350	0.07000	1.0359	0.05398	0.02350	31	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.0350	0.03000	1.0359	0.05398	0.02350	31	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0083	1.0360	0.00200	1.0359	0.05398	0.02350	31	0.00	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.0400	0.00000	1.0359	0.05398	0.02350	31	0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.0465	0.03010	1.0359	0.05398	0.02350	31	0.20	1%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.0500	0.00000	1.0359	0.05398	0.02350	31	0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	0300	1.0515	0.04700	1.0359	0.05398	0.02350	31	0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.0565	0.01700	1.0359	0.05398	0.02350	31	0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.0700	0.04000	1.0359	0.05398	0.02350	31	0.63	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.0850	0.01000	1.0359	0.05398	0.02350	31	0.91	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.0900	0.06000	1.0359	0.05398	0.02350	31	1.00	3%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.0958	0.04440	1.0359	0.05398	0.02350	31	1.11	3%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.1100	0.00000	1.0359	0.05398	0.02350	31	1.37	4%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.1200	0.02000	1.0359	0.05398	0.02350	31	1.56	4%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.1410	0.02600	1.0359	0.05398	0.02350	31	1.95	5%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.1750	0.05000	1.0359	0.05398	0.02350	31	2.58	7%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.0500	0.10000	1.0359	0.05398	0.02350	31	0.26	1%	1
019.42	Calcium, ICP, Open vessel (%)	2129	0.76500	0.03000	1.0044	0.07255	0.02513	22	-3.30	12%	0
019.42	Calcium, ICP, Open vessel (%)	0026	0.82500	0.03000	1.0044	0.07255	0.02513	22	-2.47	9%	0
019.42	Calcium, ICP, Open vessel (%)	0613	0.92000	0.00000	1.0044	0.07255	0.02513	22	-1.16	4%	0
019.42	Calcium, ICP, Open vessel (%)	0042	0.93650	0.00500	1.0044	0.07255	0.02513	22	-0.94	3%	0
019.42	Calcium, ICP, Open vessel (%)	0555	0.94500	0.01000	1.0044	0.07255	0.02513	22	-0.82	3%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.96500	0.01000	1.0044	0.07255	0.02513	22	-0.54	2%	0
019.42	Calcium, ICP, Open vessel (%)	0205	0.97350	0.02500	1.0044	0.07255	0.02513	22	-0.43	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	0.98100	0.05000	1.0044	0.07255	0.02513	22	-0.32	1%	0
019.42	Calcium, ICP, Open vessel (%)	0202	0.99500	0.01000	1.0044	0.07255	0.02513	22	-0.13	0%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.0000	0.00000	1.0044	0.07255	0.02513	22	-0.06	0%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.0049	0.01220	1.0044	0.07255	0.02513	22	0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.0050	0.01000	1.0044	0.07255	0.02513	22	0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.0094	0.04860	1.0044	0.07255	0.02513	22	0.07	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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019.42	Calcium, ICP, Open vessel (%)	0560	1.0140	0.03800	1.0044	0.07255	0.02513	22	0.13	0%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.0300	0.00000	1.0044	0.07255	0.02513	22	0.35	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.0300	0.08000	1.0044	0.07255	0.02513	22	0.35	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.0350	0.01000	1.0044	0.07255	0.02513	22	0.42	2%	0
019.42	Calcium, ICP, Open vessel (%)	2110	1.0500	0.10000	1.0044	0.07255	0.02513	22	0.63	2%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.0850	0.05000	1.0044	0.07255	0.02513	22	1.11	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.1040	0.00400	1.0044	0.07255	0.02513	22	1.37	5%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.1100	0.02000	1.0044	0.07255	0.02513	22	1.45	5%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.1450	0.01000	1.0044	0.07255	0.02513	22	1.94	7%	0
019.43	Calcium, ICP, Microwave (%)	0297	0.91000	0.00000	1.0308	0.03866	0.01183	18	-3.13	6%	0
019.43	Calcium, ICP, Microwave (%)	0644	0.96800	0.00000	1.0308	0.03866	0.01183	18	-1.63	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.98000	0.02000	1.0308	0.03866	0.01183	18	-1.31	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.0050	0.01000	1.0308	0.03866	0.01183	18	-0.67	1%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.0095	0.00300	1.0308	0.03866	0.01183	18	-0.55	1%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.0095	0.02100	1.0308	0.03866	0.01183	18	-0.55	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.0150	0.01000	1.0308	0.03866	0.01183	18	-0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.0300	0.00000	1.0308	0.03866	0.01183	18	-0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.0348	0.00600	1.0308	0.03866	0.01183	18	0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0168	1.0390	0.03280	1.0308	0.03866	0.01183	18	0.21	0%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.0450	0.01000	1.0308	0.03866	0.01183	18	0.37	1%	0
019.43	Calcium, ICP, Microwave (%)	0034	1.0465	0.03210	1.0308	0.03866	0.01183	18	0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0006	1.0530	0.00600	1.0308	0.03866	0.01183	18	0.57	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.0550	0.05000	1.0308	0.03866	0.01183	18	0.63	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.0600	0.00000	1.0308	0.03866	0.01183	18	0.75	1%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.0700	0.00000	1.0308	0.03866	0.01183	18	1.01	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.0720	0.00200	1.0308	0.03866	0.01183	18	1.07	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.0850	0.01000	1.0308	0.03866	0.01183	18	1.40	3%	0
019.43	Calcium, ICP, Microwave (%)	0918	0.97700	0.07200	1.0308	0.03866	0.01183	18	-1.39	3%	1
019.44	Calcium, ICP, Dry ash (%)	2004	0.98550	0.04900	1.0580	0.07770	0.02410	3			0
019.44	Calcium, ICP, Dry ash (%)	0065	1.0484	0.00330	1.0580	0.07770	0.02410	3			0
019.44	Calcium, ICP, Dry ash (%)	0685	1.1400	0.02000	1.0580	0.07770	0.02410	3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.96750	0.02500				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.0515	0.06040				2			0
019.53	Calcium, ICP-MS, Microwave (%)	2055	1.0250	0.11800	1.0725	0.03889	0.04267	3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.0450	0.01000	1.0725	0.03889	0.04267	3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.1000	0.00000	1.0725	0.03889	0.04267	3			0
019.99	Calcium, Miscellaneous (%)	0889	0.89000	0.02000	0.98625	0.07739	0.05000	5	-1.24	5%	0
019.99	Calcium, Miscellaneous (%)	0242	0.97000	0.00000	0.98625	0.07739	0.05000	5	-0.21	1%	0
019.99	Calcium, Miscellaneous (%)	0676	1.0100	0.04000	0.98625	0.07739	0.05000	5	0.31	1%	0
019.99	Calcium, Miscellaneous (%)	0100	1.0750	0.01000	0.98625	0.07739	0.05000	5	1.15	4%	0
019.99	Calcium, Miscellaneous (%)	2105	1.1100	0.18000	0.98625	0.07739	0.05000	5	1.60	6%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	1.0500	0.10000	1.2663	0.17764	0.09750	4	-1.22	9%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	1.2000	0.00000	1.2663	0.17764	0.09750	4	-0.37	3%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	1.3650	0.19000	1.2663	0.17764	0.09750	4	0.56	4%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	1.4500	0.10000	1.2663	0.17764	0.09750	4	1.03	7%	0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	1.4500	0.10000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	0.81300	0.02400	1.0307	0.19260	0.01933	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	1.1000	0.00000	1.0307	0.19260	0.01933	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	1.1790	0.03400	1.0307	0.19260	0.01933	3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	0.56540	0.22660				2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	0.98300	0.06000				2			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	1.0100	0.04000	1.1775	0.14133	0.05000	4	-1.19	7%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	1.1150	0.03000	1.1775	0.14133	0.05000	4	-0.44	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	1.2650	0.11000	1.1775	0.14133	0.05000	4	0.62	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	1.3200	0.02000	1.1775	0.14133	0.05000	4	1.01	6%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.71500	0.03000				2			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.79000	0.00400				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.65800	0.14400	1.0065	0.33238	0.10227	3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0168	1.0414	0.08280	1.0065	0.33238	0.10227	3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	1.3200	0.08000	1.0065	0.33238	0.10227	3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	157.83	1.2100	178.05	18.961	4.5017	13	-1.07	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	159.00	8.0000	178.05	18.961	4.5017	13	-1.00	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	159.80	8.2000	178.05	18.961	4.5017	13	-0.96	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	161.90	3.4000	178.05	18.961	4.5017	13	-0.85	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	169.86	5.1000	178.05	18.961	4.5017	13	-0.43	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	171.60	5.5500	178.05	18.961	4.5017	13	-0.34	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	172.50	2.0000	178.05	18.961	4.5017	13	-0.29	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	182.00	6.0000	178.05	18.961	4.5017	13	0.21	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	188.00	0.00000	178.05	18.961	4.5017	13	0.52	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	192.33	1.5520	178.05	18.961	4.5017	13	0.75	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	193.00	10.000	178.05	18.961	4.5017	13	0.79	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	200.38	2.5100	178.05	18.961	4.5017	13	1.18	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	212.50	5.0000	178.05	18.961	4.5017	13	1.82	10%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	190.00	10.000	214.22	3.2350	8.1038	5	-7.49	6%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	210.95	9.7000	214.22	3.2350	8.1038	5	-1.01	1%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	211.93	14.819	214.22	3.2350	8.1038	5	-0.71	1%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	217.00	6.0000	214.22	3.2350	8.1038	5	0.86	1%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	217.00	0.00000	214.22	3.2350	8.1038	5	0.86	1%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	168.47	1.1460	197.22	24.971	4.1820	3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	209.70	7.4000	197.22	24.971	4.1820	3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	213.50	4.0000	197.22	24.971	4.1820	3			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	21.000	0.00000	166.71	28.227	5.5965	26	-5.16	44%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0848	115.85	3.2000	166.71	28.227	5.5965	26	-1.80	15%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	126.93	0.91000	166.71	28.227	5.5965	26	-1.41	12%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	136.95	0.70000	166.71	28.227	5.5965	26	-1.05	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	137.50	7.0000	166.71	28.227	5.5965	26	-1.03	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	146.50	1.0000	166.71	28.227	5.5965	26	-0.72	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	150.50	9.0000	166.71	28.227	5.5965	26	-0.57	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	151.00	2.0000	166.71	28.227	5.5965	26	-0.56	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	152.85	4.1900	166.71	28.227	5.5965	26	-0.49	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	153.36	2.5600	166.71	28.227	5.5965	26	-0.47	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	157.50	3.0000	166.71	28.227	5.5965	26	-0.33	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	162.00	10.000	166.71	28.227	5.5965	26	-0.17	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	167.85	0.30000	166.71	28.227	5.5965	26	0.04	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	173.50	5.0000	166.71	28.227	5.5965	26	0.24	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	178.30	20.200	166.71	28.227	5.5965	26	0.41	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0610	180.00	2.0000	166.71	28.227	5.5965	26	0.47	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	180.36	5.9281	166.71	28.227	5.5965	26	0.48	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	182.53	1.8700	166.71	28.227	5.5965	26	0.56	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	183.00	18.000	166.71	28.227	5.5965	26	0.58	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	185.00	24.000	166.71	28.227	5.5965	26	0.65	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	187.53	4.2100	166.71	28.227	5.5965	26	0.74	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	188.65	1.5000	166.71	28.227	5.5965	26	0.78	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	190.37	1.2400	166.71	28.227	5.5965	26	0.84	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	201.20	0.00000	166.71	28.227	5.5965	26	1.22	10%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	203.25	3.7000	166.71	28.227	5.5965	26	1.29	11%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	223.00	14.000	166.71	28.227	5.5965	26	1.99	17%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0026	157.00	4.0000	209.13	12.432	4.1722	21	-4.19	12%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2129	183.95	5.5000	209.13	12.432	4.1722	21	-2.03	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	185.25	1.3000	209.13	12.432	4.1722	21	-1.92	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	193.00	12.000	209.13	12.432	4.1722	21	-1.30	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	205.51	0.99000	209.13	12.432	4.1722	21	-0.29	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	206.00	8.2000	209.13	12.432	4.1722	21	-0.25	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	206.80	1.2000	209.13	12.432	4.1722	21	-0.19	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	207.25	0.70000	209.13	12.432	4.1722	21	-0.15	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	207.33	1.9000	209.13	12.432	4.1722	21	-0.14	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	207.50	3.0000	209.13	12.432	4.1722	21	-0.13	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	208.50	9.0000	209.13	12.432	4.1722	21	-0.05	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	210.00	0.00000	209.13	12.432	4.1722	21	0.07	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2110	210.00	0.00000	209.13	12.432	4.1722	21	0.07	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	213.50	5.0000	209.13	12.432	4.1722	21	0.35	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	214.95	0.90000	209.13	12.432	4.1722	21	0.47	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	217.55	4.7000	209.13	12.432	4.1722	21	0.68	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	219.50	3.0000	209.13	12.432	4.1722	21	0.83	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	220.31	3.7268	209.13	12.432	4.1722	21	0.90	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	220.75	5.5000	209.13	12.432	4.1722	21	0.93	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	224.00	4.0000	209.13	12.432	4.1722	21	1.20	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	261.50	13.000	209.13	12.432	4.1722	21	4.21	13%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	198.50	19.000	209.13	12.432	4.1722	21	-0.85	3%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	187.00	2.0000	210.48	12.232	6.7887	15	-1.92	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	197.50	5.0000	210.48	12.232	6.7887	15	-1.06	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	199.50	3.0000	210.48	12.232	6.7887	15	-0.90	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	201.30	3.2000	210.48	12.232	6.7887	15	-0.75	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	203.69	17.300	210.48	12.232	6.7887	15	-0.55	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	205.00	2.0000	210.48	12.232	6.7887	15	-0.45	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	208.16	4.4700	210.48	12.232	6.7887	15	-0.19	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0168	210.36	23.910	210.48	12.232	6.7887	15	-0.01	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	211.00	2.0000	210.48	12.232	6.7887	15	0.04	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	216.00	0.00000	210.48	12.232	6.7887	15	0.45	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	217.50	1.0000	210.48	12.232	6.7887	15	0.57	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	218.85	1.3000	210.48	12.232	6.7887	15	0.68	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	222.50	5.0000	210.48	12.232	6.7887	15	0.98	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	224.84	2.7700	210.48	12.232	6.7887	15	1.17	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	243.60	28.880	210.48	12.232	6.7887	15	2.71	8%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	185.50	7.0000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	188.05	4.3000				2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	205.00	30.000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	202.00	20.000	211.50	8.2310	17.667	3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	216.00	16.000	211.50	8.2310	17.667	3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	216.50	17.000	211.50	8.2310	17.667	3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	196.50	5.0000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	209.00	8.0000				2			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	31.800	1.0000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	289.00	6.0000	370.35	32.851	7.6370	11	-2.48	11%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	324.00	22.000	370.35	32.851	7.6370	11	-1.41	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	351.15	11.700	370.35	32.851	7.6370	11	-0.58	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	361.00	0.00000	370.35	32.851	7.6370	11	-0.28	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	370.00	0.00000	370.35	32.851	7.6370	11	-0.01	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	376.10	4.4000	370.35	32.851	7.6370	11	0.18	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	378.50	7.0000	370.35	32.851	7.6370	11	0.25	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	388.74	4.2700	370.35	32.851	7.6370	11	0.56	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	393.50	7.0000	370.35	32.851	7.6370	11	0.70	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	404.00	14.000	370.35	32.851	7.6370	11	1.02	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	405.75	7.6370	370.35	32.851	7.6370	11	1.08	5%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	297.50	5.0000	386.38	81.307	13.150	4	-1.09	12%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	361.00	36.000	386.38	81.307	13.150	4	-0.31	3%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	2128	394.72	0.00000	386.38	81.307	13.150	4	0.10	1%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	492.30	11.600	386.38	81.307	13.150	4	1.30	14%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	375.00	31.600				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	402.97	3.0660				2			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	242.00	2.0000	373.01	26.497	10.623	22	-4.94	18%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	267.00	6.0000	373.01	26.497	10.623	22	-4.00	14%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	317.13	5.0200	373.01	26.497	10.623	22	-2.11	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	342.80	0.80000	373.01	26.497	10.623	22	-1.14	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	343.00	14.000	373.01	26.497	10.623	22	-1.13	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	360.44	3.5900	373.01	26.497	10.623	22	-0.47	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	362.35	5.5000	373.01	26.497	10.623	22	-0.40	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	374.00	29.200	373.01	26.497	10.623	22	0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	374.00	18.000	373.01	26.497	10.623	22	0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	376.50	13.000	373.01	26.497	10.623	22	0.13	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	378.75	0.90000	373.01	26.497	10.623	22	0.22	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	380.00	16.000	373.01	26.497	10.623	22	0.26	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	381.00	4.0000	373.01	26.497	10.623	22	0.30	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	381.50	1.0000	373.01	26.497	10.623	22	0.32	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	381.88	0.00000	373.01	26.497	10.623	22	0.33	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	383.50	1.0000	373.01	26.497	10.623	22	0.40	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	384.50	37.000	373.01	26.497	10.623	22	0.43	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	385.74	31.550	373.01	26.497	10.623	22	0.48	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	401.29	8.5014	373.01	26.497	10.623	22	1.07	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	401.98	4.2700	373.01	26.497	10.623	22	1.09	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	402.45	16.980	373.01	26.497	10.623	22	1.11	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	410.70	15.400	373.01	26.497	10.623	22	1.42	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	182.50	19.000	352.21	53.498	15.923	14	-3.17	24%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	275.00	50.000	352.21	53.498	15.923	14	-1.44	11%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	286.50	3.2000	352.21	53.498	15.923	14	-1.23	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	319.00	26.000	352.21	53.498	15.923	14	-0.62	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	343.50	9.0000	352.21	53.498	15.923	14	-0.16	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	355.00	26.000	352.21	53.498	15.923	14	0.05	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	366.00	8.0000	352.21	53.498	15.923	14	0.26	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	366.60	0.60000	352.21	53.498	15.923	14	0.27	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	368.50	9.0000	352.21	53.498	15.923	14	0.30	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	383.00	2.0000	352.21	53.498	15.923	14	0.58	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	388.00	54.000	352.21	53.498	15.923	14	0.67	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	393.00	0.00000	352.21	53.498	15.923	14	0.76	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	393.94	10.117	352.21	53.498	15.923	14	0.78	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	421.00	6.0000	352.21	53.498	15.923	14	1.29	10%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	266.81	0.17000	369.13	34.238	7.9207	15	-2.99	14%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	323.73	6.7500	369.13	34.238	7.9207	15	-1.33	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	328.35	10.500	369.13	34.238	7.9207	15	-1.19	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	338.50	1.0000	369.13	34.238	7.9207	15	-0.89	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	364.50	27.000	369.13	34.238	7.9207	15	-0.14	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	365.00	2.0000	369.13	34.238	7.9207	15	-0.12	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	373.85	2.9000	369.13	34.238	7.9207	15	0.14	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0168	375.84	1.6700	369.13	34.238	7.9207	15	0.20	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	376.39	21.730	369.13	34.238	7.9207	15	0.21	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	379.50	5.0000	369.13	34.238	7.9207	15	0.30	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	384.00	10.000	369.13	34.238	7.9207	15	0.43	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	391.50	3.0000	369.13	34.238	7.9207	15	0.65	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0034	392.59	0.09000	369.13	34.238	7.9207	15	0.68	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	405.00	2.0000	369.13	34.238	7.9207	15	1.05	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	427.50	25.000	369.13	34.238	7.9207	15	1.70	8%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	280.00	100.00				2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	400.99	24.040				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2055	165.00	8.0000				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	402.00	12.000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	353.00	0.00000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	388.00	22.000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.13775	0.00770	0.19529	0.01548	0.00614	18	-3.72	15%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.17500	0.01000	0.19529	0.01548	0.00614	18	-1.31	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.18145	0.00590	0.19529	0.01548	0.00614	18	-0.89	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.18500	0.01000	0.19529	0.01548	0.00614	18	-0.67	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.18500	0.01000	0.19529	0.01548	0.00614	18	-0.67	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.18590	0.00260	0.19529	0.01548	0.00614	18	-0.61	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.19000	0.00000	0.19529	0.01548	0.00614	18	-0.34	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.19250	0.00500	0.19529	0.01548	0.00614	18	-0.18	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.19400	0.00200	0.19529	0.01548	0.00614	18	-0.08	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.19500	0.01000	0.19529	0.01548	0.00614	18	-0.02	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.19660	0.00280	0.19529	0.01548	0.00614	18	0.08	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.19800	0.00800	0.19529	0.01548	0.00614	18	0.17	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.20075	0.00250	0.19529	0.01548	0.00614	18	0.35	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0921	0.20700	0.00000	0.19529	0.01548	0.00614	18	0.76	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.20950	0.01700	0.19529	0.01548	0.00614	18	0.92	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.21050	0.00700	0.19529	0.01548	0.00614	18	0.98	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.22100	0.01000	0.19529	0.01548	0.00614	18	1.66	7%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.23000	0.00000	0.19529	0.01548	0.00614	18	2.24	9%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.19500	0.01000	0.20580	0.01490	0.00960	5	-0.72	3%	0
027.32	Magnesium, AAS, Open vessel (%)	0612	0.19650	0.00100	0.20580	0.01490	0.00960	5	-0.62	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.19700	0.00000	0.20580	0.01490	0.00960	5	-0.59	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.21050	0.01700	0.20580	0.01490	0.00960	5	0.32	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.23000	0.02000	0.20580	0.01490	0.00960	5	1.62	6%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.19850	0.00100				2			0
027.33	Magnesium, AAS, Microwave (%)	0504	0.20100	0.00800				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.41	Magnesium, ICP, Dry ash (%)	0720	0.18000	0.00000	0.20341	0.01016	0.00529	27	-2.30	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.19000	0.02000	0.20341	0.01016	0.00529	27	-1.32	3%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.19000	0.00000	0.20341	0.01016	0.00529	27	-1.32	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.19500	0.01000	0.20341	0.01016	0.00529	27	-0.83	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.19500	0.00000	0.20341	0.01016	0.00529	27	-0.83	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.19500	0.01000	0.20341	0.01016	0.00529	27	-0.83	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.19500	0.01000	0.20341	0.01016	0.00529	27	-0.83	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.19750	0.00660	0.20341	0.01016	0.00529	27	-0.58	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.19900	0.00200	0.20341	0.01016	0.00529	27	-0.43	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.20000	0.00000	0.20341	0.01016	0.00529	27	-0.34	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.20000	0.00000	0.20341	0.01016	0.00529	27	-0.34	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.20000	0.00000	0.20341	0.01016	0.00529	27	-0.34	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.20000	0.00000	0.20341	0.01016	0.00529	27	-0.34	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.20200	0.00200	0.20341	0.01016	0.00529	27	-0.14	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.20500	0.01000	0.20341	0.01016	0.00529	27	0.16	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.20500	0.01000	0.20341	0.01016	0.00529	27	0.16	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.20500	0.01000	0.20341	0.01016	0.00529	27	0.16	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0610	0.20500	0.01000	0.20341	0.01016	0.00529	27	0.16	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.20835	0.00050	0.20341	0.01016	0.00529	27	0.49	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.21000	0.00000	0.20341	0.01016	0.00529	27	0.65	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.21100	0.00000	0.20341	0.01016	0.00529	27	0.75	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.21420	0.00020	0.20341	0.01016	0.00529	27	1.06	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.21450	0.00100	0.20341	0.01016	0.00529	27	1.09	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.21500	0.01000	0.20341	0.01016	0.00529	27	1.14	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.21500	0.01000	0.20341	0.01016	0.00529	27	1.14	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.22400	0.00800	0.20341	0.01016	0.00529	27	2.03	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.23525	0.01250	0.20341	0.01016	0.00529	27	3.14	8%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.15000	0.02000	0.20287	0.01425	0.00553	20	-3.71	13%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.18000	0.00000	0.20287	0.01425	0.00553	20	-1.60	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.18000	0.00000	0.20287	0.01425	0.00553	20	-1.60	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.19500	0.01000	0.20287	0.01425	0.00553	20	-0.55	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.19620	0.01240	0.20287	0.01425	0.00553	20	-0.47	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.19800	0.01000	0.20287	0.01425	0.00553	20	-0.34	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.19850	0.00300	0.20287	0.01425	0.00553	20	-0.31	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.20000	0.00000	0.20287	0.01425	0.00553	20	-0.20	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.20000	0.00000	0.20287	0.01425	0.00553	20	-0.20	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.20000	0.00000	0.20287	0.01425	0.00553	20	-0.20	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.20000	0.00200	0.20287	0.01425	0.00553	20	-0.20	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.20500	0.01000	0.20287	0.01425	0.00553	20	0.15	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.20920	0.00080	0.20287	0.01425	0.00553	20	0.44	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.21000	0.00000	0.20287	0.01425	0.00553	20	0.50	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.21000	0.00000	0.20287	0.01425	0.00553	20	0.50	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	Robust SD	R-bar	# Labs			
027.42	Magnesium, ICP, Open vessel (%)	0009	0.21250	0.00580	0.20287	0.01425	0.00553	20	0.68	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.21500	0.01000	0.20287	0.01425	0.00553	20	0.85	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2110	0.21500	0.01000	0.20287	0.01425	0.00553	20	0.85	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.22500	0.01000	0.20287	0.01425	0.00553	20	1.55	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.23090	0.00660	0.20287	0.01425	0.00553	20	1.97	7%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.18100	0.04400	0.20287	0.01425	0.00553	20	-1.53	5%	1
027.43	Magnesium, ICP, Microwave (%)	0297	0.18000	0.00000	0.20264	0.01077	0.00728	16	-2.10	6%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.18650	0.00500	0.20264	0.01077	0.00728	16	-1.50	4%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.19350	0.00300	0.20264	0.01077	0.00728	16	-0.85	2%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.19550	0.01900	0.20264	0.01077	0.00728	16	-0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.19950	0.00100	0.20264	0.01077	0.00728	16	-0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.20000	0.00000	0.20264	0.01077	0.00728	16	-0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.20000	0.00000	0.20264	0.01077	0.00728	16	-0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.20000	0.02000	0.20264	0.01077	0.00728	16	-0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.20050	0.00100	0.20264	0.01077	0.00728	16	-0.20	1%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.20500	0.03000	0.20264	0.01077	0.00728	16	0.22	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.21000	0.00000	0.20264	0.01077	0.00728	16	0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.21000	0.01020	0.20264	0.01077	0.00728	16	0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.21000	0.02000	0.20264	0.01077	0.00728	16	0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0168	0.21150	0.00520	0.20264	0.01077	0.00728	16	0.82	2%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.21500	0.00000	0.20264	0.01077	0.00728	16	1.15	3%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.22800	0.00200	0.20264	0.01077	0.00728	16	2.36	6%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.19850	0.01100				2			0
027.44	Magnesium, ICP, Dry ash (%)	0065	0.21685	0.00230				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.21945	0.01270				1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.21500	0.00400				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.21900	0.00000				2			0
027.99	Magnesium, Miscellaneous (%)	0242	0.19000	0.00000	0.20333	0.01893	0.00667	3			0
027.99	Magnesium, Miscellaneous (%)	0889	0.19500	0.01000	0.20333	0.01893	0.00667	3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.22500	0.01000	0.20333	0.01893	0.00667	3			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	88.150	4.7000	127.38	6.1960	3.8597	13	-6.33	15%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	115.00	0.00000	127.38	6.1960	3.8597	13	-2.00	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	121.74	6.5900	127.38	6.1960	3.8597	13	-0.91	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	125.00	8.0000	127.38	6.1960	3.8597	13	-0.38	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	125.75	2.3000	127.38	6.1960	3.8597	13	-0.26	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	127.00	6.0000	127.38	6.1960	3.8597	13	-0.06	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	128.34	1.4500	127.38	6.1960	3.8597	13	0.15	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	130.50	5.0000	127.38	6.1960	3.8597	13	0.50	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	130.50	1.0000	127.38	6.1960	3.8597	13	0.50	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	130.77	1.1300	127.38	6.1960	3.8597	13	0.55	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	132.29	0.58570	127.38	6.1960	3.8597	13	0.79	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	132.80	6.2000	127.38	6.1960	3.8597	13	0.87	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	Robust SD	R-bar	# Labs			
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	135.12	7.2200	127.38	6.1960	3.8597	13	1.25	3%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	127.50	5.0000	134.32	5.5234	3.4658	5	-1.24	3%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	130.50	3.0000	134.32	5.5234	3.4658	5	-0.69	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	135.00	2.8000	134.32	5.5234	3.4658	5	0.12	0%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	137.00	2.0000	134.32	5.5234	3.4658	5	0.48	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	141.62	4.5290	134.32	5.5234	3.4658	5	1.32	3%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	125.81	0.46400				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	138.15	9.7000				2			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	108.02	0.32000	126.11	8.7816	3.2652	26	-2.06	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0848	110.93	0.52000	126.11	8.7816	3.2652	26	-1.73	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	116.00	8.0000	126.11	8.7816	3.2652	26	-1.15	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	117.50	5.0000	126.11	8.7816	3.2652	26	-0.98	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	119.23	1.9400	126.11	8.7816	3.2652	26	-0.78	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	119.50	5.0000	126.11	8.7816	3.2652	26	-0.75	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	119.92	0.59000	126.11	8.7816	3.2652	26	-0.71	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	122.00	9.2000	126.11	8.7816	3.2652	26	-0.47	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0610	122.50	1.0000	126.11	8.7816	3.2652	26	-0.41	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	123.50	1.0000	126.11	8.7816	3.2652	26	-0.30	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	123.94	1.1200	126.11	8.7816	3.2652	26	-0.25	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	124.50	3.0000	126.11	8.7816	3.2652	26	-0.18	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	125.00	2.0000	126.11	8.7816	3.2652	26	-0.13	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	125.10	0.20000	126.11	8.7816	3.2652	26	-0.11	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	125.50	3.0000	126.11	8.7816	3.2652	26	-0.07	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	126.67	1.5644	126.11	8.7816	3.2652	26	0.06	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	127.50	7.0000	126.11	8.7816	3.2652	26	0.16	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	130.30	5.2800	126.11	8.7816	3.2652	26	0.48	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	130.40	7.6000	126.11	8.7816	3.2652	26	0.49	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	132.52	0.00000	126.11	8.7816	3.2652	26	0.73	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	134.00	2.0000	126.11	8.7816	3.2652	26	0.90	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	135.37	7.0600	126.11	8.7816	3.2652	26	1.05	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	136.45	6.1000	126.11	8.7816	3.2652	26	1.18	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	137.00	0.00000	126.11	8.7816	3.2652	26	1.24	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	140.40	4.4000	126.11	8.7816	3.2652	26	1.63	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	154.00	2.0000	126.11	8.7816	3.2652	26	3.18	11%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	104.35	4.1000	130.09	10.862	3.9500	21	-2.37	10%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	106.00	6.0000	130.09	10.862	3.9500	21	-2.22	9%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2110	115.00	10.000	130.09	10.862	3.9500	21	-1.39	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	116.00	8.0000	130.09	10.862	3.9500	21	-1.30	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	120.00	0.00000	130.09	10.862	3.9500	21	-0.93	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	126.00	14.000	130.09	10.862	3.9500	21	-0.38	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	127.01	0.51900	130.09	10.862	3.9500	21	-0.28	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	128.58	5.0100	130.09	10.862	3.9500	21	-0.14	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	131.00	6.0000	130.09	10.862	3.9500	21	0.08	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	131.50	1.0000	130.09	10.862	3.9500	21	0.13	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	132.01	0.02000	130.09	10.862	3.9500	21	0.18	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	132.50	3.0000	130.09	10.862	3.9500	21	0.22	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	132.50	3.0000	130.09	10.862	3.9500	21	0.22	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	134.10	5.0000	130.09	10.862	3.9500	21	0.37	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	135.30	2.2000	130.09	10.862	3.9500	21	0.48	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	137.00	6.0000	130.09	10.862	3.9500	21	0.64	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	137.20	0.20000	130.09	10.862	3.9500	21	0.65	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	141.00	2.0000	130.09	10.862	3.9500	21	1.00	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	141.20	4.0000	130.09	10.862	3.9500	21	1.02	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	142.00	2.0000	130.09	10.862	3.9500	21	1.10	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	144.35	0.90000	130.09	10.862	3.9500	21	1.31	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	118.00	2.0000	133.83	6.0122	3.7857	15	-2.63	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	123.50	1.0000	133.83	6.0122	3.7857	15	-1.72	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	126.50	5.0000	133.83	6.0122	3.7857	15	-1.22	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	132.63	1.9550	133.83	6.0122	3.7857	15	-0.20	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0168	133.11	10.710	133.83	6.0122	3.7857	15	-0.12	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	134.00	8.0000	133.83	6.0122	3.7857	15	0.03	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	134.50	0.00000	133.83	6.0122	3.7857	15	0.11	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	134.50	11.000	133.83	6.0122	3.7857	15	0.11	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	134.59	2.5300	133.83	6.0122	3.7857	15	0.13	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	134.70	0.20000	133.83	6.0122	3.7857	15	0.14	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	135.35	2.5000	133.83	6.0122	3.7857	15	0.25	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	135.77	1.0400	133.83	6.0122	3.7857	15	0.32	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	136.50	1.0000	133.83	6.0122	3.7857	15	0.44	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	149.50	7.0000	133.83	6.0122	3.7857	15	2.61	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	150.02	2.8500	133.83	6.0122	3.7857	15	2.69	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	137.94	25.680	133.83	6.0122	3.7857	15	0.68	2%	1
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	124.50	1.0000				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	116.30	0.80000				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	125.00	10.000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	138.50	11.000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	138.50	7.0000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	133.00	12.000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	136.50	11.000				2			0
031.00	Phosphorus, Vol (%)	0893	0.82500	0.01000				1			0
031.01	Phosphorus, Photometric (%)	0874	0.56300	0.02600	0.82279	0.03160	0.01480	46	-8.22	16%	0
031.01	Phosphorus, Photometric (%)	0108	0.65500	0.01000	0.82279	0.03160	0.01480	46	-5.31	10%	0
031.01	Phosphorus, Photometric (%)	0609	0.67500	0.01000	0.82279	0.03160	0.01480	46	-4.68	9%	0
031.01	Phosphorus, Photometric (%)	0884	0.75500	0.03000	0.82279	0.03160	0.01480	46	-2.15	4%	0
031.01	Phosphorus, Photometric (%)	2128	0.77250	0.04300	0.82279	0.03160	0.01480	46	-1.59	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.01	Phosphorus, Photometric (%)	0940	0.77500	0.05000	0.82279	0.03160	0.01480	46	-1.51	3%	0
031.01	Phosphorus, Photometric (%)	0653	0.78450	0.02900	0.82279	0.03160	0.01480	46	-1.21	2%	0
031.01	Phosphorus, Photometric (%)	0233	0.79500	0.03000	0.82279	0.03160	0.01480	46	-0.88	2%	0
031.01	Phosphorus, Photometric (%)	0723	0.79680	0.00000	0.82279	0.03160	0.01480	46	-0.82	2%	0
031.01	Phosphorus, Photometric (%)	0622	0.79770	0.00100	0.82279	0.03160	0.01480	46	-0.79	2%	0
031.01	Phosphorus, Photometric (%)	0152	0.80000	0.02000	0.82279	0.03160	0.01480	46	-0.72	1%	0
031.01	Phosphorus, Photometric (%)	0904	0.80000	0.00000	0.82279	0.03160	0.01480	46	-0.72	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.80500	0.05000	0.82279	0.03160	0.01480	46	-0.56	1%	0
031.01	Phosphorus, Photometric (%)	0623	0.81000	0.00400	0.82279	0.03160	0.01480	46	-0.40	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.81100	0.00600	0.82279	0.03160	0.01480	46	-0.37	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.81275	0.01970	0.82279	0.03160	0.01480	46	-0.32	1%	0
031.01	Phosphorus, Photometric (%)	0849	0.81650	0.01300	0.82279	0.03160	0.01480	46	-0.20	0%	0
031.01	Phosphorus, Photometric (%)	0354	0.82000	0.00000	0.82279	0.03160	0.01480	46	-0.09	0%	0
031.01	Phosphorus, Photometric (%)	0529	0.82000	0.02000	0.82279	0.03160	0.01480	46	-0.09	0%	0
031.01	Phosphorus, Photometric (%)	0689	0.82000	0.02000	0.82279	0.03160	0.01480	46	-0.09	0%	0
031.01	Phosphorus, Photometric (%)	2109	0.82200	0.01000	0.82279	0.03160	0.01480	46	-0.03	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.82450	0.00300	0.82279	0.03160	0.01480	46	0.05	0%	0
031.01	Phosphorus, Photometric (%)	0175	0.82500	0.01000	0.82279	0.03160	0.01480	46	0.07	0%	0
031.01	Phosphorus, Photometric (%)	0194	0.82500	0.01000	0.82279	0.03160	0.01480	46	0.07	0%	0
031.01	Phosphorus, Photometric (%)	0629	0.82500	0.01000	0.82279	0.03160	0.01480	46	0.07	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.82595	0.00930	0.82279	0.03160	0.01480	46	0.10	0%	0
031.01	Phosphorus, Photometric (%)	2097	0.82900	0.00600	0.82279	0.03160	0.01480	46	0.20	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.83270	0.01900	0.82279	0.03160	0.01480	46	0.31	1%	0
031.01	Phosphorus, Photometric (%)	0552	0.83500	0.01000	0.82279	0.03160	0.01480	46	0.39	1%	0
031.01	Phosphorus, Photometric (%)	0683	0.83500	0.01000	0.82279	0.03160	0.01480	46	0.39	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.83500	0.01000	0.82279	0.03160	0.01480	46	0.39	1%	0
031.01	Phosphorus, Photometric (%)	2068	0.83600	0.00400	0.82279	0.03160	0.01480	46	0.42	1%	0
031.01	Phosphorus, Photometric (%)	0885	0.83990	0.00060	0.82279	0.03160	0.01480	46	0.54	1%	0
031.01	Phosphorus, Photometric (%)	0626	0.84100	0.00800	0.82279	0.03160	0.01480	46	0.58	1%	0
031.01	Phosphorus, Photometric (%)	0035	0.84500	0.03000	0.82279	0.03160	0.01480	46	0.70	1%	0
031.01	Phosphorus, Photometric (%)	0881	0.84500	0.00200	0.82279	0.03160	0.01480	46	0.70	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.84500	0.00200	0.82279	0.03160	0.01480	46	0.70	1%	0
031.01	Phosphorus, Photometric (%)	0722	0.84590	0.00820	0.82279	0.03160	0.01480	46	0.73	1%	0
031.01	Phosphorus, Photometric (%)	0937	0.85000	0.00000	0.82279	0.03160	0.01480	46	0.86	2%	0
031.01	Phosphorus, Photometric (%)	0208	0.85450	0.04700	0.82279	0.03160	0.01480	46	1.00	2%	0
031.01	Phosphorus, Photometric (%)	0728	0.85500	0.01000	0.82279	0.03160	0.01480	46	1.02	2%	0
031.01	Phosphorus, Photometric (%)	0674	0.86000	0.00000	0.82279	0.03160	0.01480	46	1.18	2%	0
031.01	Phosphorus, Photometric (%)	0066	0.86500	0.01000	0.82279	0.03160	0.01480	46	1.34	3%	0
031.01	Phosphorus, Photometric (%)	0939	0.87000	0.02000	0.82279	0.03160	0.01480	46	1.49	3%	0
031.01	Phosphorus, Photometric (%)	0511	0.87500	0.03000	0.82279	0.03160	0.01480	46	1.65	3%	0
031.01	Phosphorus, Photometric (%)	0650	0.90000	0.02000	0.82279	0.03160	0.01480	46	2.44	5%	0
031.01	Phosphorus, Photometric (%)	0921	0.68700	0.14600	0.82279	0.03160	0.01480	46	-4.30	8%	1

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 (%)	2006	0.78250	0.09500	0.82279	0.03160	0.01480	46	-1.28	2%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	0.82760	0.00720	0.85587	0.04271	0.00907	3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.83500	0.01000	0.85587	0.04271	0.00907	3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.90500	0.01000	0.85587	0.04271	0.00907	3			0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.79500	0.03000	0.80188	0.01068	0.01652	5	-0.64	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.79500	0.01000	0.80188	0.01068	0.01652	5	-0.64	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.80000	0.02000	0.80188	0.01068	0.01652	5	-0.18	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.81750	0.01900	0.80188	0.01068	0.01652	5	1.46	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.88080	0.00360	0.80188	0.01068	0.01652	5	7.39	5%	0
031.06	Phosphorus, Hach Method (%)	0138	0.80350	0.00300				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.67650	0.04300	0.83272	0.04265	0.01591	32	-3.66	9%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.75500	0.01000	0.83272	0.04265	0.01591	32	-1.82	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.76500	0.01000	0.83272	0.04265	0.01591	32	-1.59	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.77000	0.02000	0.83272	0.04265	0.01591	32	-1.47	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.79500	0.01000	0.83272	0.04265	0.01591	32	-0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.80000	0.02000	0.83272	0.04265	0.01591	32	-0.77	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	0.80000	0.00000	0.83272	0.04265	0.01591	32	-0.77	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.80300	0.00600	0.83272	0.04265	0.01591	32	-0.70	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.81000	0.00000	0.83272	0.04265	0.01591	32	-0.53	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.81500	0.01000	0.83272	0.04265	0.01591	32	-0.42	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.81500	0.03000	0.83272	0.04265	0.01591	32	-0.42	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.82500	0.01000	0.83272	0.04265	0.01591	32	-0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.82500	0.01000	0.83272	0.04265	0.01591	32	-0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.83000	0.03400	0.83272	0.04265	0.01591	32	-0.06	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.83000	0.00000	0.83272	0.04265	0.01591	32	-0.06	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.83055	0.00950	0.83272	0.04265	0.01591	32	-0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.83500	0.01000	0.83272	0.04265	0.01591	32	0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.83500	0.03000	0.83272	0.04265	0.01591	32	0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0610	0.83500	0.01000	0.83272	0.04265	0.01591	32	0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.84000	0.00000	0.83272	0.04265	0.01591	32	0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.84500	0.01000	0.83272	0.04265	0.01591	32	0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.85000	0.00000	0.83272	0.04265	0.01591	32	0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.85000	0.00000	0.83272	0.04265	0.01591	32	0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.85500	0.03000	0.83272	0.04265	0.01591	32	0.52	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.85865	0.00650	0.83272	0.04265	0.01591	32	0.61	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.86000	0.02000	0.83272	0.04265	0.01591	32	0.64	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.86500	0.03000	0.83272	0.04265	0.01591	32	0.76	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.88150	0.04100	0.83272	0.04265	0.01591	32	1.14	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.89195	0.01930	0.83272	0.04265	0.01591	32	1.39	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.95250	0.04500	0.83272	0.04265	0.01591	32	2.81	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.96895	0.01490	0.83272	0.04265	0.01591	32	3.19	8%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.0400	0.02000	0.83272	0.04265	0.01591	32	4.86	12%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.67750	0.04500	0.81154	0.05033	0.02245	23	-2.66	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.71500	0.01000	0.81154	0.05033	0.02245	23	-1.92	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.71500	0.01000	0.81154	0.05033	0.02245	23	-1.92	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.75050	0.03100	0.81154	0.05033	0.02245	23	-1.21	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.78480	0.03300	0.81154	0.05033	0.02245	23	-0.53	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.78800	0.02800	0.81154	0.05033	0.02245	23	-0.47	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	0.79000	0.00000	0.81154	0.05033	0.02245	23	-0.43	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.79200	0.04000	0.81154	0.05033	0.02245	23	-0.39	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.79500	0.01000	0.81154	0.05033	0.02245	23	-0.33	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.80000	0.02000	0.81154	0.05033	0.02245	23	-0.23	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.80360	0.01740	0.81154	0.05033	0.02245	23	-0.16	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.81000	0.02000	0.81154	0.05033	0.02245	23	-0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.81500	0.01000	0.81154	0.05033	0.02245	23	0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.82000	0.04000	0.81154	0.05033	0.02245	23	0.17	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.82950	0.03700	0.81154	0.05033	0.02245	23	0.36	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.84435	0.03930	0.81154	0.05033	0.02245	23	0.65	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.84500	0.03000	0.81154	0.05033	0.02245	23	0.66	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.85850	0.03100	0.81154	0.05033	0.02245	23	0.93	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.86000	0.00000	0.81154	0.05033	0.02245	23	0.96	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.86000	0.02000	0.81154	0.05033	0.02245	23	0.96	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2110	0.86500	0.03000	0.81154	0.05033	0.02245	23	1.06	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.87100	0.00460	0.81154	0.05033	0.02245	23	1.18	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.87500	0.01000	0.81154	0.05033	0.02245	23	1.26	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.71500	0.01000	0.83176	0.03980	0.01330	17	-2.93	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.78500	0.01000	0.83176	0.03980	0.01330	17	-1.17	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.79750	0.00700	0.83176	0.03980	0.01330	17	-0.86	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.80000	0.02000	0.83176	0.03980	0.01330	17	-0.80	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.80100	0.01200	0.83176	0.03980	0.01330	17	-0.77	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.81000	0.00000	0.83176	0.03980	0.01330	17	-0.55	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.82200	0.00800	0.83176	0.03980	0.01330	17	-0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.82500	0.01000	0.83176	0.03980	0.01330	17	-0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.82505	0.00190	0.83176	0.03980	0.01330	17	-0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.84135	0.05770	0.83176	0.03980	0.01330	17	0.24	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.84700	0.00400	0.83176	0.03980	0.01330	17	0.38	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.85550	0.02700	0.83176	0.03980	0.01330	17	0.60	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	0.85600	0.00400	0.83176	0.03980	0.01330	17	0.61	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.85950	0.00500	0.83176	0.03980	0.01330	17	0.70	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.86000	0.00000	0.83176	0.03980	0.01330	17	0.71	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.92345	0.00950	0.83176	0.03980	0.01330	17	2.30	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.96000	0.04000	0.83176	0.03980	0.01330	17	3.22	8%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.81600	0.07800	0.83176	0.03980	0.01330	17	-0.40	1%	1
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.81250	0.03100				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.44	Phosphorus, ICP, Dry ash (%)	0065	0.86835	0.00330				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.86970	0.00160				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.85800	0.03000	0.91700	0.09535	0.05267	3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.86600	0.00000	0.91700	0.09535	0.05267	3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2055	1.0270	0.12800	0.91700	0.09535	0.05267	3			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.74500	0.01000	0.79400	0.03435	0.00800	5	-1.43	3%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.77500	0.01000	0.79400	0.03435	0.00800	5	-0.55	1%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.80000	0.00000	0.79400	0.03435	0.00800	5	0.17	0%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.82500	0.01000	0.79400	0.03435	0.00800	5	0.90	2%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.82500	0.01000	0.79400	0.03435	0.00800	5	0.90	2%	0
032.02	Potassium, Flame Emission (%)	0590	1.0850	0.05000	1.1382	0.04717	0.02367	3			0
032.02	Potassium, Flame Emission (%)	0881	1.1545	0.01100	1.1382	0.04717	0.02367	3			0
032.02	Potassium, Flame Emission (%)	0504	1.1750	0.01000	1.1382	0.04717	0.02367	3			0
032.31	Potassium, AAS, Dry ash (%)	0874	0.83895	0.00950	1.1151	0.08912	0.02216	19	-3.10	12%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.89500	0.05000	1.1151	0.08912	0.02216	19	-2.47	10%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.99850	0.00000	1.1151	0.08912	0.02216	19	-1.31	5%	0
032.31	Potassium, AAS, Dry ash (%)	0014	1.0400	0.06000	1.1151	0.08912	0.02216	19	-0.84	3%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.0650	0.01000	1.1151	0.08912	0.02216	19	-0.56	2%	0
032.31	Potassium, AAS, Dry ash (%)	0505	1.0750	0.02000	1.1151	0.08912	0.02216	19	-0.45	2%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.0900	0.02000	1.1151	0.08912	0.02216	19	-0.28	1%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.1050	0.01000	1.1151	0.08912	0.02216	19	-0.11	0%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.1124	0.00850	1.1151	0.08912	0.02216	19	-0.03	0%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.1150	0.01000	1.1151	0.08912	0.02216	19	0.00	0%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.1400	0.00000	1.1151	0.08912	0.02216	19	0.28	1%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.1500	0.04000	1.1151	0.08912	0.02216	19	0.39	2%	0
032.31	Potassium, AAS, Dry ash (%)	0689	1.1550	0.01000	1.1151	0.08912	0.02216	19	0.45	2%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.1600	0.02000	1.1151	0.08912	0.02216	19	0.50	2%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.1605	0.00300	1.1151	0.08912	0.02216	19	0.51	2%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.1750	0.01000	1.1151	0.08912	0.02216	19	0.67	3%	0
032.31	Potassium, AAS, Dry ash (%)	0904	1.1850	0.07000	1.1151	0.08912	0.02216	19	0.78	3%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.2800	0.04000	1.1151	0.08912	0.02216	19	1.85	7%	0
032.31	Potassium, AAS, Dry ash (%)	0066	1.3150	0.03000	1.1151	0.08912	0.02216	19	2.24	9%	0
032.31	Potassium, AAS, Dry ash (%)	0921	0.82550	0.23900	1.1151	0.08912	0.02216	19	-3.25	13%	1
032.32	Potassium, AAS, Open vessel (%)	0169	0.93350	0.02100	1.0909	0.12368	0.02025	4	-1.27	7%	0
032.32	Potassium, AAS, Open vessel (%)	0609	1.0600	0.02000	1.0909	0.12368	0.02025	4	-0.25	1%	0
032.32	Potassium, AAS, Open vessel (%)	0612	1.1500	0.02000	1.0909	0.12368	0.02025	4	0.48	3%	0
032.32	Potassium, AAS, Open vessel (%)	0035	1.2200	0.02000	1.0909	0.12368	0.02025	4	1.04	6%	0
032.41	Potassium, ICP, Dry ash (%)	0720	0.98000	0.02000	1.1250	0.05745	0.02513	28	-2.52	6%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.0500	0.02000	1.1250	0.05745	0.02513	28	-1.31	3%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.0500	0.00000	1.1250	0.05745	0.02513	28	-1.31	3%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.0600	0.04000	1.1250	0.05745	0.02513	28	-1.13	3%	0
032.41	Potassium, ICP, Dry ash (%)	0682	1.0600	0.00000	1.1250	0.05745	0.02513	28	-1.13	3%	0

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032.41	Potassium, ICP, Dry ash (%)	0910	1.0750	0.05000	1.1250	0.05745	0.02513	28	-0.87	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.0950	0.05000	1.1250	0.05745	0.02513	28	-0.52	1%	0
032.41	Potassium, ICP, Dry ash (%)	0083	1.1000	0.00000	1.1250	0.05745	0.02513	28	-0.44	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.1000	0.04000	1.1250	0.05745	0.02513	28	-0.44	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.1050	0.01000	1.1250	0.05745	0.02513	28	-0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.1050	0.05000	1.1250	0.05745	0.02513	28	-0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.1050	0.03000	1.1250	0.05745	0.02513	28	-0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.1150	0.03000	1.1250	0.05745	0.02513	28	-0.17	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.1150	0.01000	1.1250	0.05745	0.02513	28	-0.17	0%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.1280	0.00800	1.1250	0.05745	0.02513	28	0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.1300	0.02000	1.1250	0.05745	0.02513	28	0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.1356	0.01720	1.1250	0.05745	0.02513	28	0.18	0%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.1400	0.06000	1.1250	0.05745	0.02513	28	0.26	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.1425	0.02700	1.1250	0.05745	0.02513	28	0.30	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.1500	0.04000	1.1250	0.05745	0.02513	28	0.43	1%	0
032.41	Potassium, ICP, Dry ash (%)	0004	1.1600	0.00000	1.1250	0.05745	0.02513	28	0.61	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.1650	0.01000	1.1250	0.05745	0.02513	28	0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.1700	0.00000	1.1250	0.05745	0.02513	28	0.78	2%	0
032.41	Potassium, ICP, Dry ash (%)	0848	1.1750	0.01000	1.1250	0.05745	0.02513	28	0.87	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.1970	0.04400	1.1250	0.05745	0.02513	28	1.25	3%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.2300	0.04000	1.1250	0.05745	0.02513	28	1.83	5%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.2409	0.02730	1.1250	0.05745	0.02513	28	2.02	5%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.2750	0.05000	1.1250	0.05745	0.02513	28	2.61	7%	0
032.42	Potassium, ICP, Open vessel (%)	0026	0.88000	0.04000	1.1284	0.07923	0.01759	23	-3.14	11%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.93600	0.01200	1.1284	0.07923	0.01759	23	-2.43	9%	0
032.42	Potassium, ICP, Open vessel (%)	0613	0.98500	0.01000	1.1284	0.07923	0.01759	23	-1.81	6%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.0600	0.00000	1.1284	0.07923	0.01759	23	-0.86	3%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.0650	0.05000	1.1284	0.07923	0.01759	23	-0.80	3%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.0870	0.05000	1.1284	0.07923	0.01759	23	-0.52	2%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.1000	0.00000	1.1284	0.07923	0.01759	23	-0.36	1%	0
032.42	Potassium, ICP, Open vessel (%)	0555	1.1000	0.00000	1.1284	0.07923	0.01759	23	-0.36	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.1150	0.01000	1.1284	0.07923	0.01759	23	-0.17	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.1200	0.00000	1.1284	0.07923	0.01759	23	-0.11	0%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.1230	0.04800	1.1284	0.07923	0.01759	23	-0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.1250	0.01000	1.1284	0.07923	0.01759	23	-0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.1250	0.01200	1.1284	0.07923	0.01759	23	-0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.1269	0.01150	1.1284	0.07923	0.01759	23	-0.02	0%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.1450	0.01000	1.1284	0.07923	0.01759	23	0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.1500	0.00000	1.1284	0.07923	0.01759	23	0.27	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.1750	0.07000	1.1284	0.07923	0.01759	23	0.59	2%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.2000	0.02000	1.1284	0.07923	0.01759	23	0.90	3%	0
032.42	Potassium, ICP, Open vessel (%)	2110	1.2000	0.00000	1.1284	0.07923	0.01759	23	0.90	3%	0

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032.42	Potassium, ICP, Open vessel (%)	0726	1.2105	0.00100	1.1284	0.07923	0.01759	23	1.04	4%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.2250	0.01000	1.1284	0.07923	0.01759	23	1.22	4%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.2250	0.03000	1.1284	0.07923	0.01759	23	1.22	4%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.2750	0.01000	1.1284	0.07923	0.01759	23	1.85	6%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.0450	0.01000	1.1195	0.03978	0.01606	15	-1.87	3%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.0800	0.00000	1.1195	0.03978	0.01606	15	-0.99	2%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.0850	0.01000	1.1195	0.03978	0.01606	15	-0.87	2%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.0900	0.00000	1.1195	0.03978	0.01606	15	-0.74	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.1020	0.08400	1.1195	0.03978	0.01606	15	-0.44	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.1035	0.00100	1.1195	0.03978	0.01606	15	-0.40	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.1050	0.05000	1.1195	0.03978	0.01606	15	-0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.1150	0.01000	1.1195	0.03978	0.01606	15	-0.11	0%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.1300	0.00000	1.1195	0.03978	0.01606	15	0.26	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.1350	0.01000	1.1195	0.03978	0.01606	15	0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.1350	0.03000	1.1195	0.03978	0.01606	15	0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0168	1.1423	0.01290	1.1195	0.03978	0.01606	15	0.57	1%	0
032.43	Potassium, ICP, Microwave (%)	0006	1.1515	0.00300	1.1195	0.03978	0.01606	15	0.80	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.1850	0.01000	1.1195	0.03978	0.01606	15	1.65	3%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.2550	0.01000	1.1195	0.03978	0.01606	15	3.41	6%	0
032.43	Potassium, ICP, Microwave (%)	0034	1.1787	0.10520	1.1195	0.03978	0.01606	15	1.49	3%	1
032.44	Potassium, ICP, Dry ash (%)	2004	1.1300	0.00000				2			0
032.44	Potassium, ICP, Dry ash (%)	0065	1.2134	0.01330				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.2331	0.02110				1			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.1950	0.01000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.1950	0.03000				2			0
032.99	Potassium, Miscellaneous (%)	0100	1.0950	0.01000	1.1344	0.02787	0.01125	4	-1.41	2%	0
032.99	Potassium, Miscellaneous (%)	0001	1.1375	0.02500	1.1344	0.02787	0.01125	4	0.11	0%	0
032.99	Potassium, Miscellaneous (%)	0889	1.1450	0.01000	1.1344	0.02787	0.01125	4	0.38	0%	0
032.99	Potassium, Miscellaneous (%)	0242	1.1600	0.00000	1.1344	0.02787	0.01125	4	0.92	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.3400	0.00000	2.1961	0.06824	0.01616	18	-12.55	19%	0
033.00	Salt as chloride, Sol Cl (%)	0298	2.0100	0.02000	2.1961	0.06824	0.01616	18	-2.73	4%	0
033.00	Salt as chloride, Sol Cl (%)	0881	2.1035	0.01300	2.1961	0.06824	0.01616	18	-1.36	2%	0
033.00	Salt as chloride, Sol Cl (%)	0884	2.1450	0.01000	2.1961	0.06824	0.01616	18	-0.75	1%	0
033.00	Salt as chloride, Sol Cl (%)	0169	2.1700	0.00000	2.1961	0.06824	0.01616	18	-0.38	1%	0
033.00	Salt as chloride, Sol Cl (%)	0723	2.1800	0.00000	2.1961	0.06824	0.01616	18	-0.24	0%	0
033.00	Salt as chloride, Sol Cl (%)	0309	2.1801	0.01580	2.1961	0.06824	0.01616	18	-0.24	0%	0
033.00	Salt as chloride, Sol Cl (%)	0693	2.1876	0.05040	2.1961	0.06824	0.01616	18	-0.13	0%	0
033.00	Salt as chloride, Sol Cl (%)	0353	2.1950	0.01000	2.1961	0.06824	0.01616	18	-0.02	0%	0
033.00	Salt as chloride, Sol Cl (%)	0511	2.2050	0.03000	2.1961	0.06824	0.01616	18	0.13	0%	0
033.00	Salt as chloride, Sol Cl (%)	0885	2.2124	0.01870	2.1961	0.06824	0.01616	18	0.24	0%	0
033.00	Salt as chloride, Sol Cl (%)	0897	2.2150	0.01000	2.1961	0.06824	0.01616	18	0.28	0%	0
033.00	Salt as chloride, Sol Cl (%)	0504	2.2250	0.01000	2.1961	0.06824	0.01616	18	0.42	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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033.00	Salt as chloride, Sol Cl (%)	0893	2.2300	0.02000	2.1961	0.06824	0.01616	18	0.50	1%	0
033.00	Salt as chloride, Sol Cl (%)	2068	2.2545	0.02300	2.1961	0.06824	0.01616	18	0.86	1%	0
033.00	Salt as chloride, Sol Cl (%)	0539	2.2550	0.01000	2.1961	0.06824	0.01616	18	0.86	1%	0
033.00	Salt as chloride, Sol Cl (%)	0674	2.2900	0.00000	2.1961	0.06824	0.01616	18	1.38	2%	0
033.00	Salt as chloride, Sol Cl (%)	0675	2.2950	0.05000	2.1961	0.06824	0.01616	18	1.45	2%	0
033.00	Salt as chloride, Sol Cl (%)	0366	2.6050	0.35000	2.1961	0.06824	0.01616	18	5.99	9%	1
033.01	Salt as chloride, Poten Cl (%)	0229	1.3650	0.01000	2.2414	0.04338	0.02104	32	-20.20	20%	0
033.01	Salt as chloride, Poten Cl (%)	0596	1.8150	0.09000	2.2414	0.04338	0.02104	32	-9.83	10%	0
033.01	Salt as chloride, Poten Cl (%)	0011	2.1629	0.08620	2.2414	0.04338	0.02104	32	-1.81	2%	0
033.01	Salt as chloride, Poten Cl (%)	0425	2.1900	0.00000	2.2414	0.04338	0.02104	32	-1.18	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	2.1900	0.00000	2.2414	0.04338	0.02104	32	-1.18	1%	0
033.01	Salt as chloride, Poten Cl (%)	0003	2.2000	0.00000	2.2414	0.04338	0.02104	32	-0.95	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	2.2100	0.00000	2.2414	0.04338	0.02104	32	-0.72	1%	0
033.01	Salt as chloride, Poten Cl (%)	0682	2.2100	0.00000	2.2414	0.04338	0.02104	32	-0.72	1%	0
033.01	Salt as chloride, Poten Cl (%)	0937	2.2150	0.01000	2.2414	0.04338	0.02104	32	-0.61	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	2.2200	0.08000	2.2414	0.04338	0.02104	32	-0.49	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	2.2215	0.00500	2.2414	0.04338	0.02104	32	-0.46	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	2.2250	0.03000	2.2414	0.04338	0.02104	32	-0.38	0%	0
033.01	Salt as chloride, Poten Cl (%)	0194	2.2350	0.01000	2.2414	0.04338	0.02104	32	-0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0650	2.2350	0.07000	2.2414	0.04338	0.02104	32	-0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	2.2400	0.00000	2.2414	0.04338	0.02104	32	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	2.2450	0.01000	2.2414	0.04338	0.02104	32	0.08	0%	0
033.01	Salt as chloride, Poten Cl (%)	2109	2.2450	0.00600	2.2414	0.04338	0.02104	32	0.08	0%	0
033.01	Salt as chloride, Poten Cl (%)	0861	2.2500	0.02000	2.2414	0.04338	0.02104	32	0.20	0%	0
033.01	Salt as chloride, Poten Cl (%)	0629	2.2550	0.01000	2.2414	0.04338	0.02104	32	0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	2.2600	0.00000	2.2414	0.04338	0.02104	32	0.43	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	2.2600	0.00000	2.2414	0.04338	0.02104	32	0.43	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	2.2600	0.00000	2.2414	0.04338	0.02104	32	0.43	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	2.2600	0.00000	2.2414	0.04338	0.02104	32	0.43	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	2.2600	0.02000	2.2414	0.04338	0.02104	32	0.43	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	2.2650	0.01000	2.2414	0.04338	0.02104	32	0.54	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	2.2700	0.00000	2.2414	0.04338	0.02104	32	0.66	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	2.2800	0.02000	2.2414	0.04338	0.02104	32	0.89	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	2.2850	0.01000	2.2414	0.04338	0.02104	32	1.00	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	2.2900	0.02000	2.2414	0.04338	0.02104	32	1.12	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	2.3750	0.09000	2.2414	0.04338	0.02104	32	3.08	3%	0
033.01	Salt as chloride, Poten Cl (%)	0278	2.3800	0.04000	2.2414	0.04338	0.02104	32	3.19	3%	0
033.01	Salt as chloride, Poten Cl (%)	0874	2.6160	0.02620	2.2414	0.04338	0.02104	32	8.63	8%	0
033.03	Salt as chloride, Quantab (%)	0144	2.0300	0.00000	2.0813	0.05721	0.05000	5	-0.90	1%	0
033.03	Salt as chloride, Quantab (%)	0190	2.0300	0.18000	2.0813	0.05721	0.05000	5	-0.90	1%	0
033.03	Salt as chloride, Quantab (%)	0265	2.0500	0.00000	2.0813	0.05721	0.05000	5	-0.55	1%	0
033.03	Salt as chloride, Quantab (%)	0505	2.0850	0.07000	2.0813	0.05721	0.05000	5	0.07	0%	0

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033.03	Salt as chloride, Quantab (%)	0726	2.1600	0.00000	2.0813	0.05721	0.05000	5	1.38	2%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	0.36000	0.02000	2.2350	0.03536	0.06000	4	-53.03	42%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	2129	2.0900	0.18000	2.2350	0.03536	0.06000	4	-4.10	3%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	2.2100	0.02000	2.2350	0.03536	0.06000	4	-0.71	1%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	2.2600	0.02000	2.2350	0.03536	0.06000	4	0.71	1%	0
033.99	Salt, Miscellaneous (%)	0358	1.9000	0.04000	2.1599	0.19154	0.08040	8	-1.36	6%	0
033.99	Salt, Miscellaneous (%)	0613	2.0020	0.12320	2.1599	0.19154	0.08040	8	-0.82	4%	0
033.99	Salt, Miscellaneous (%)	0552	2.1250	0.01000	2.1599	0.19154	0.08040	8	-0.18	1%	0
033.99	Salt, Miscellaneous (%)	0910	2.1250	0.01000	2.1599	0.19154	0.08040	8	-0.18	1%	0
033.99	Salt, Miscellaneous (%)	0208	2.1500	0.04000	2.1599	0.19154	0.08040	8	-0.05	0%	0
033.99	Salt, Miscellaneous (%)	2073	2.2600	0.16000	2.1599	0.19154	0.08040	8	0.52	2%	0
033.99	Salt, Miscellaneous (%)	0619	2.2700	0.06000	2.1599	0.19154	0.08040	8	0.57	3%	0
033.99	Salt, Miscellaneous (%)	0681	2.4600	0.20000	2.1599	0.19154	0.08040	8	1.57	7%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0098	1.0900	0.10000				1			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0948	0.62100	0.11000	0.78039	0.14387	0.05653	7	-1.11	10%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.65625	0.02270	0.78039	0.14387	0.05653	7	-0.86	8%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	0.68000	0.14000	0.78039	0.14387	0.05653	7	-0.70	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.83050	0.05300	0.78039	0.14387	0.05653	7	0.35	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.86000	0.00000	0.78039	0.14387	0.05653	7	0.55	5%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.86000	0.06000	0.78039	0.14387	0.05653	7	0.55	5%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	0.95500	0.01000	0.78039	0.14387	0.05653	7	1.21	11%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0685	0.48500	0.33000				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	1.5000	0.80000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	1.1300	0.02000				1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.80350	0.00100	0.90383	0.09740	0.06167	3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.91000	0.08000	0.90383	0.09740	0.06167	3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.99800	0.10400	0.90383	0.09740	0.06167	3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	0.76000	0.20000	1.0413	0.30774	0.77475	4	-0.91	14%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.99400	0.09200	1.0413	0.30774	0.77475	4	-0.15	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	1.3700	0.68400	1.0413	0.30774	0.77475	4	1.07	16%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0168	7.1985	2.1230	1.0413	0.30774	0.77475	4	20.01	296%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	0.86000	0.00000				2			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	0.91000	0.02000				2			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.76600	0.00200	0.79125	0.03128	0.00250	4	-0.81	2%	0
035.01	Sodium, Ion-selective electrode (%)	2109	0.76650	0.00300	0.79125	0.03128	0.00250	4	-0.79	2%	0
035.01	Sodium, Ion-selective electrode (%)	0881	0.80150	0.00100	0.79125	0.03128	0.00250	4	0.33	1%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.83100	0.00400	0.79125	0.03128	0.00250	4	1.27	3%	0
035.05	Sodium, Flame Emission (%)	0590	0.77550	0.01700	0.83810	0.04532	0.02540	5	-1.38	4%	0
035.05	Sodium, Flame Emission (%)	0152	0.81500	0.01000	0.83810	0.04532	0.02540	5	-0.51	1%	0
035.05	Sodium, Flame Emission (%)	0066	0.84500	0.01000	0.83810	0.04532	0.02540	5	0.15	0%	0
035.05	Sodium, Flame Emission (%)	0108	0.86000	0.06000	0.83810	0.04532	0.02540	5	0.48	1%	0
035.05	Sodium, Flame Emission (%)	0504	0.89500	0.03000	0.83810	0.04532	0.02540	5	1.26	3%	0

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035.31	Sodium, AAS, Dry ash (%)	0874	0.56715	0.01210	0.75791	0.04142	0.01554	16	-4.61	13%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.67500	0.03000	0.75791	0.04142	0.01554	16	-2.00	5%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.70500	0.01000	0.75791	0.04142	0.01554	16	-1.28	3%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.73000	0.06000	0.75791	0.04142	0.01554	16	-0.67	2%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.74725	0.01210	0.75791	0.04142	0.01554	16	-0.26	1%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.75500	0.01000	0.75791	0.04142	0.01554	16	-0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.75780	0.00000	0.75791	0.04142	0.01554	16	0.00	0%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.76000	0.06000	0.75791	0.04142	0.01554	16	0.05	0%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.76500	0.01000	0.75791	0.04142	0.01554	16	0.17	0%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.77000	0.00000	0.75791	0.04142	0.01554	16	0.29	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.77250	0.00500	0.75791	0.04142	0.01554	16	0.35	1%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.77500	0.01000	0.75791	0.04142	0.01554	16	0.41	1%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.77500	0.01000	0.75791	0.04142	0.01554	16	0.41	1%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.79550	0.00000	0.75791	0.04142	0.01554	16	0.91	2%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.81250	0.01900	0.75791	0.04142	0.01554	16	1.32	4%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.81450	0.00040	0.75791	0.04142	0.01554	16	1.37	4%	0
035.32	Sodium, AAS, Open vessel (%)	0609	0.49500	0.01000	0.64817	0.15010	0.02167	3			0
035.32	Sodium, AAS, Open vessel (%)	0169	0.65450	0.04500	0.64817	0.15010	0.02167	3			0
035.32	Sodium, AAS, Open vessel (%)	0035	0.79500	0.01000	0.64817	0.15010	0.02167	3			0
035.41	Sodium, ICP, Dry ash (%)	0511	0.70500	0.01000	0.77932	0.05214	0.01258	29	-1.43	5%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.70500	0.01000	0.77932	0.05214	0.01258	29	-1.43	5%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.71000	0.02000	0.77932	0.05214	0.01258	29	-1.33	4%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.73500	0.01000	0.77932	0.05214	0.01258	29	-0.85	3%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.74000	0.00000	0.77932	0.05214	0.01258	29	-0.75	3%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.74000	0.00000	0.77932	0.05214	0.01258	29	-0.75	3%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.74000	0.04000	0.77932	0.05214	0.01258	29	-0.75	3%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.74500	0.01000	0.77932	0.05214	0.01258	29	-0.66	2%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.75000	0.02000	0.77932	0.05214	0.01258	29	-0.56	2%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.75500	0.01000	0.77932	0.05214	0.01258	29	-0.47	2%	0
035.41	Sodium, ICP, Dry ash (%)	0610	0.76000	0.00000	0.77932	0.05214	0.01258	29	-0.37	1%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.76000	0.00000	0.77932	0.05214	0.01258	29	-0.37	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.76500	0.01000	0.77932	0.05214	0.01258	29	-0.27	1%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.77150	0.00100	0.77932	0.05214	0.01258	29	-0.15	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.77350	0.00100	0.77932	0.05214	0.01258	29	-0.11	0%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.77500	0.01000	0.77932	0.05214	0.01258	29	-0.08	0%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.77850	0.01700	0.77932	0.05214	0.01258	29	-0.02	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.78000	0.02000	0.77932	0.05214	0.01258	29	0.01	0%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.78815	0.00690	0.77932	0.05214	0.01258	29	0.17	1%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.79000	0.00000	0.77932	0.05214	0.01258	29	0.20	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.80040	0.02360	0.77932	0.05214	0.01258	29	0.40	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.82640	0.02060	0.77932	0.05214	0.01258	29	0.90	3%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.83000	0.00000	0.77932	0.05214	0.01258	29	0.97	3%	0

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035.41	Sodium, ICP, Dry ash (%)	0405	0.83050	0.00100	0.77932	0.05214	0.01258	29	0.98	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.83200	0.01000	0.77932	0.05214	0.01258	29	1.01	3%	0
035.41	Sodium, ICP, Dry ash (%)	0065	0.84165	0.01670	0.77932	0.05214	0.01258	29	1.20	4%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.86150	0.03500	0.77932	0.05214	0.01258	29	1.58	5%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.88500	0.05000	0.77932	0.05214	0.01258	29	2.03	7%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.88500	0.01200	0.77932	0.05214	0.01258	29	2.03	7%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.61500	0.01000	0.77525	0.05542	0.01712	18	-2.89	10%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.70000	0.00000	0.77525	0.05542	0.01712	18	-1.36	5%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.71800	0.03200	0.77525	0.05542	0.01712	18	-1.03	4%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.72800	0.00800	0.77525	0.05542	0.01712	18	-0.85	3%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.73000	0.02000	0.77525	0.05542	0.01712	18	-0.82	3%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.75250	0.00700	0.77525	0.05542	0.01712	18	-0.41	1%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.76550	0.03100	0.77525	0.05542	0.01712	18	-0.18	1%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.77000	0.02000	0.77525	0.05542	0.01712	18	-0.09	0%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.77500	0.01200	0.77525	0.05542	0.01712	18	0.00	0%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.78500	0.05000	0.77525	0.05542	0.01712	18	0.18	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.78760	0.00200	0.77525	0.05542	0.01712	18	0.22	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.78875	0.01170	0.77525	0.05542	0.01712	18	0.24	1%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.79000	0.00000	0.77525	0.05542	0.01712	18	0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.80500	0.01000	0.77525	0.05542	0.01712	18	0.54	2%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.83000	0.02000	0.77525	0.05542	0.01712	18	0.99	4%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.83000	0.04000	0.77525	0.05542	0.01712	18	0.99	4%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.84865	0.00450	0.77525	0.05542	0.01712	18	1.32	5%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.86500	0.03000	0.77525	0.05542	0.01712	18	1.62	6%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.67900	0.00600	0.77749	0.03512	0.01235	15	-2.80	6%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.70500	0.01000	0.77749	0.03512	0.01235	15	-2.06	5%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.74000	0.02000	0.77749	0.03512	0.01235	15	-1.07	2%	0
035.43	Sodium, ICP, Microwave (%)	0875	0.75500	0.03000	0.77749	0.03512	0.01235	15	-0.64	1%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.77300	0.00400	0.77749	0.03512	0.01235	15	-0.13	0%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.77700	0.00600	0.77749	0.03512	0.01235	15	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.77900	0.04600	0.77749	0.03512	0.01235	15	0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.78000	0.02000	0.77749	0.03512	0.01235	15	0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.78000	0.00000	0.77749	0.03512	0.01235	15	0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.78795	0.01030	0.77749	0.03512	0.01235	15	0.30	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.79000	0.02000	0.77749	0.03512	0.01235	15	0.36	1%	0
035.43	Sodium, ICP, Microwave (%)	0168	0.79630	0.00000	0.77749	0.03512	0.01235	15	0.54	1%	0
035.43	Sodium, ICP, Microwave (%)	0006	0.80400	0.00200	0.77749	0.03512	0.01235	15	0.75	2%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.82050	0.01100	0.77749	0.03512	0.01235	15	1.22	3%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.83000	0.00000	0.77749	0.03512	0.01235	15	1.50	3%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.83610	0.00260				1			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.84250	0.04900				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.87150	0.07300				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.99	Sodium, Miscellaneous (%)	0889	0.58000	0.02000	0.78000	0.12923	0.01200	5	-1.55	13%	0
035.99	Sodium, Miscellaneous (%)	0242	0.75000	0.00000	0.78000	0.12923	0.01200	5	-0.23	2%	0
035.99	Sodium, Miscellaneous (%)	0100	0.81000	0.02000	0.78000	0.12923	0.01200	5	0.23	2%	0
035.99	Sodium, Miscellaneous (%)	0940	0.83000	0.00000	0.78000	0.12923	0.01200	5	0.39	3%	0
035.99	Sodium, Miscellaneous (%)	2105	0.93000	0.02000	0.78000	0.12923	0.01200	5	1.16	10%	0
036.04	Sulfur, LECO (%)	0168	0.25435	0.01110	0.27109	0.01278	0.01278	4	-1.31	3%	0
036.04	Sulfur, LECO (%)	0098	0.27000	0.02000	0.27109	0.01278	0.01278	4	-0.09	0%	0
036.04	Sulfur, LECO (%)	0229	0.27500	0.01000	0.27109	0.01278	0.01278	4	0.31	1%	0
036.04	Sulfur, LECO (%)	0226	0.28500	0.01000	0.27109	0.01278	0.01278	4	1.09	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.22500	0.01000	0.26822	0.01822	0.00336	18	-2.37	8%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.24000	0.00000	0.26822	0.01822	0.00336	18	-1.55	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.25400	0.00200	0.26822	0.01822	0.00336	18	-0.78	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.25500	0.01000	0.26822	0.01822	0.00336	18	-0.73	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.25500	0.01000	0.26822	0.01822	0.00336	18	-0.73	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.26000	0.00000	0.26822	0.01822	0.00336	18	-0.45	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.26000	0.00000	0.26822	0.01822	0.00336	18	-0.45	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.26325	0.00370	0.26822	0.01822	0.00336	18	-0.27	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.27000	0.00000	0.26822	0.01822	0.00336	18	0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.27000	0.00000	0.26822	0.01822	0.00336	18	0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.27000	0.00000	0.26822	0.01822	0.00336	18	0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.27165	0.00030	0.26822	0.01822	0.00336	18	0.19	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.27865	0.00250	0.26822	0.01822	0.00336	18	0.57	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.28150	0.00500	0.26822	0.01822	0.00336	18	0.73	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.28305	0.00090	0.26822	0.01822	0.00336	18	0.81	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.28550	0.00500	0.26822	0.01822	0.00336	18	0.95	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.29350	0.00100	0.26822	0.01822	0.00336	18	1.39	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.29500	0.01000	0.26822	0.01822	0.00336	18	1.47	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.24500	0.03000	0.26822	0.01822	0.00336	18	-1.27	4%	1
036.43	Sulfur, ICP, Microwave (%)	0297	0.23000	0.00000	0.27919	0.02473	0.00787	9	-1.99	9%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.26500	0.01000	0.27919	0.02473	0.00787	9	-0.57	3%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.26650	0.00500	0.27919	0.02473	0.00787	9	-0.51	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.27000	0.02200	0.27919	0.02473	0.00787	9	-0.37	2%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.27250	0.00100	0.27919	0.02473	0.00787	9	-0.27	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.29160	0.00280	0.27919	0.02473	0.00787	9	0.50	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.29500	0.01000	0.27919	0.02473	0.00787	9	0.64	3%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.29500	0.01000	0.27919	0.02473	0.00787	9	0.64	3%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.31500	0.01000	0.27919	0.02473	0.00787	9	1.45	6%	0
036.99	Sulfur, Miscellaneous (%)	0242	0.26000	0.00000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.29500	0.01000				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	213.50	3.0000	282.18	18.457	6.5647	15	-3.72	12%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	225.87	3.4400	282.18	18.457	6.5647	15	-3.05	10%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	267.00	2.0000	282.18	18.457	6.5647	15	-0.82	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	268.85	8.7000	282.18	18.457	6.5647	15	-0.72	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	273.00	6.0000	282.18	18.457	6.5647	15	-0.50	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	276.35	4.7300	282.18	18.457	6.5647	15	-0.32	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	280.00	0.00000	282.18	18.457	6.5647	15	-0.12	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	283.00	16.000	282.18	18.457	6.5647	15	0.04	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	290.00	10.000	282.18	18.457	6.5647	15	0.42	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	291.90	3.8000	282.18	18.457	6.5647	15	0.53	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	291.95	1.9000	282.18	18.457	6.5647	15	0.53	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	296.07	0.99000	282.18	18.457	6.5647	15	0.75	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	297.24	5.5300	282.18	18.457	6.5647	15	0.82	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	302.32	4.3808	282.18	18.457	6.5647	15	1.09	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	306.00	28.000	282.18	18.457	6.5647	15	1.29	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	338.50	59.000	282.18	18.457	6.5647	15	3.05	10%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	270.30	13.900	317.14	30.757	32.122	5	-1.52	7%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	301.50	23.000	317.14	30.757	32.122	5	-0.51	2%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	332.65	63.500	317.14	30.757	32.122	5	0.50	2%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	340.00	10.000	317.14	30.757	32.122	5	0.74	4%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	2128	341.27	50.210	317.14	30.757	32.122	5	0.78	4%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	281.20	39.800	282.79	1.9754	16.811	3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	282.16	0.63300	282.79	1.9754	16.811	3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	285.00	10.000	282.79	1.9754	16.811	3			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	222.41	0.18000	277.75	27.596	6.9407	24	-2.01	10%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	239.62	0.17000	277.75	27.596	6.9407	24	-1.38	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	241.00	18.000	277.75	27.596	6.9407	24	-1.33	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	241.50	11.000	277.75	27.596	6.9407	24	-1.31	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	257.50	1.0000	277.75	27.596	6.9407	24	-0.73	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	260.50	11.000	277.75	27.596	6.9407	24	-0.62	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0610	261.50	5.0000	277.75	27.596	6.9407	24	-0.59	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	262.00	29.800	277.75	27.596	6.9407	24	-0.57	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	271.18	4.3400	277.75	27.596	6.9407	24	-0.24	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	274.50	5.0000	277.75	27.596	6.9407	24	-0.12	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	274.86	14.430	277.75	27.596	6.9407	24	-0.10	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	275.16	1.4800	277.75	27.596	6.9407	24	-0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	280.42	11.990	277.75	27.596	6.9407	24	0.10	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	281.40	0.80000	277.75	27.596	6.9407	24	0.13	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	283.00	4.0000	277.75	27.596	6.9407	24	0.19	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	290.60	2.2000	277.75	27.596	6.9407	24	0.47	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	294.40	10.800	277.75	27.596	6.9407	24	0.60	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	295.50	1.0000	277.75	27.596	6.9407	24	0.64	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	296.05	1.3000	277.75	27.596	6.9407	24	0.66	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	300.00	4.0000	277.75	27.596	6.9407	24	0.81	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	305.53	4.0877	277.75	27.596	6.9407	24	1.01	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	309.24	0.00000	277.75	27.596	6.9407	24	1.14	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	315.00	6.0000	277.75	27.596	6.9407	24	1.35	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	322.50	19.000	277.75	27.596	6.9407	24	1.62	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	243.55	52.700	277.75	27.596	6.9407	24	-1.24	6%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2129	233.35	1.9000	285.00	33.674	7.6742	22	-1.53	9%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	236.30	16.000	285.00	33.674	7.6742	22	-1.45	9%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	243.50	11.000	285.00	33.674	7.6742	22	-1.23	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	252.10	1.4000	285.00	33.674	7.6742	22	-0.98	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2110	260.00	0.00000	285.00	33.674	7.6742	22	-0.74	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	261.30	8.2000	285.00	33.674	7.6742	22	-0.70	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	265.58	7.2200	285.00	33.674	7.6742	22	-0.58	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	267.00	16.000	285.00	33.674	7.6742	22	-0.53	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	268.00	14.000	285.00	33.674	7.6742	22	-0.50	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	287.00	2.6722	285.00	33.674	7.6742	22	0.06	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	288.49	0.98000	285.00	33.674	7.6742	22	0.10	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	292.02	1.7600	285.00	33.674	7.6742	22	0.21	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	295.00	12.000	285.00	33.674	7.6742	22	0.30	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	300.00	20.000	285.00	33.674	7.6742	22	0.45	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	301.50	5.0000	285.00	33.674	7.6742	22	0.49	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	302.00	10.000	285.00	33.674	7.6742	22	0.50	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	304.50	1.0000	285.00	33.674	7.6742	22	0.58	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	309.00	28.000	285.00	33.674	7.6742	22	0.71	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	319.50	9.0000	285.00	33.674	7.6742	22	1.02	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	321.80	1.2000	285.00	33.674	7.6742	22	1.09	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	326.35	0.50000	285.00	33.674	7.6742	22	1.23	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	334.50	1.0000	285.00	33.674	7.6742	22	1.47	9%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0644	264.60	0.00000	298.20	20.791	9.9078	18	-1.62	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	273.50	3.0000	298.20	20.791	9.9078	18	-1.19	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	275.50	7.0000	298.20	20.791	9.9078	18	-1.09	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	276.65	12.700	298.20	20.791	9.9078	18	-1.04	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	283.00	0.00000	298.20	20.791	9.9078	18	-0.73	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	288.49	23.560	298.20	20.791	9.9078	18	-0.47	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	292.00	6.0000	298.20	20.791	9.9078	18	-0.30	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0168	295.74	17.330	298.20	20.791	9.9078	18	-0.12	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	296.00	4.0000	298.20	20.791	9.9078	18	-0.11	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	304.00	6.0000	298.20	20.791	9.9078	18	0.28	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	305.71	5.1400	298.20	20.791	9.9078	18	0.36	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	307.00	12.000	298.20	20.791	9.9078	18	0.42	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	308.00	30.000	298.20	20.791	9.9078	18	0.47	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	311.90	3.7300	298.20	20.791	9.9078	18	0.66	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	311.96	8.0700	298.20	20.791	9.9078	18	0.66	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	312.79	8.3100	298.20	20.791	9.9078	18	0.70	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	329.05	7.5000	298.20	20.791	9.9078	18	1.48	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	336.00	24.000	298.20	20.791	9.9078	18	1.82	6%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	279.50	9.0000				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	290.00	20.000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	293.45	7.5000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	321.00	0.00000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	358.00	90.000				2			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	263.00	2.0000	271.00	11.314	6.6667	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	279.00	0.00000	271.00	11.314	6.6667	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	339.00	18.000	271.00	11.314	6.6667	3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	1.2500	0.10000	1.4667	0.21032	0.06133	3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	1.4800	0.02400	1.4667	0.21032	0.06133	3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	1.6700	0.06000	1.4667	0.21032	0.06133	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.1867	0.21410	1.3172	0.17419	0.12137	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	1.2500	0.10000	1.3172	0.17419	0.12137	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.5150	0.05000	1.3172	0.17419	0.12137	3			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	0.91500	0.21000	1.2279	0.28398	0.16542	5	-1.10	13%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	0.93500	0.41000	1.2279	0.28398	0.16542	5	-1.03	12%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.3500	0.10000	1.2279	0.28398	0.16542	5	0.43	5%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	1.4100	0.02000	1.2279	0.28398	0.16542	5	0.64	7%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	1.5293	0.08710	1.2279	0.28398	0.16542	5	1.06	12%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.3500	0.30000				1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	1.1575	0.31500	1.6498	0.00035	0.16733	3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0168	1.6495	0.04700	1.6498	0.00035	0.16733	3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.6500	0.14000	1.6498	0.00035	0.16733	3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	6.7800	0.16000				1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	6.4500	0.70000				1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.7000	0.00000				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0168	1.6951	0.43930				2			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.8850	0.13000				2			0
042.00	Chloride, Titrimetric (%)	0297	1.3700	0.00000				2			0
042.00	Chloride, Titrimetric (%)	0644	1.4060	0.00000				2			0
042.99	Chloride, Miscellaneous (%)	0613	1.3000	0.08000				1			0
050.01	Carbadox, LC (mg / kg (ppm))	0047	35.300	0.20000	44.894	6.7545	1.6271	7	-1.42	11%	0
050.01	Carbadox, LC (mg / kg (ppm))	0033	40.700	0.20000	44.894	6.7545	1.6271	7	-0.62	5%	0
050.01	Carbadox, LC (mg / kg (ppm))	0001	41.650	1.3000	44.894	6.7545	1.6271	7	-0.48	4%	0
050.01	Carbadox, LC (mg / kg (ppm))	0036	45.900	0.80000	44.894	6.7545	1.6271	7	0.15	1%	0
050.01	Carbadox, LC (mg / kg (ppm))	2053	48.300	3.4000	44.894	6.7545	1.6271	7	0.50	4%	0
050.01	Carbadox, LC (mg / kg (ppm))	0875	50.700	0.20000	44.894	6.7545	1.6271	7	0.86	6%	0
050.01	Carbadox, LC (mg / kg (ppm))	0038	51.705	5.2900	44.894	6.7545	1.6271	7	1.01	8%	0
077.01	Pyrantel Tartrate, LC (mg / kg (ppm))	2053	82.150	1.3000				2			0
077.01	Pyrantel Tartrate, LC (mg / kg (ppm))	0038	90.820	17.380				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
086.00	Tiamulin, LC (mg / kg (ppm))	0668	117.00	0.00000	140.91	25.722	5.9167	6	-0.93	8%	0
086.00	Tiamulin, LC (mg / kg (ppm))	0218	124.40	0.80000	140.91	25.722	5.9167	6	-0.64	6%	0
086.00	Tiamulin, LC (mg / kg (ppm))	0001	134.00	0.00000	140.91	25.722	5.9167	6	-0.27	2%	0
086.00	Tiamulin, LC (mg / kg (ppm))	2053	136.50	13.000	140.91	25.722	5.9167	6	-0.17	2%	0
086.00	Tiamulin, LC (mg / kg (ppm))	0910	154.05	19.700	140.91	25.722	5.9167	6	0.51	5%	0
086.00	Tiamulin, LC (mg / kg (ppm))	0875	186.00	2.0000	140.91	25.722	5.9167	6	1.75	16%	0
088.99	Tylosin, Miscellaneous (mg / kg (ppm))	0610	4.9000	0.20000				1			0
093.00	Ractopamine Hydrochloride, LC (mg / kg (ppm))	0668	15.200	0.60000	17.443	3.6882	2.1467	3			0
093.00	Ractopamine Hydrochloride, LC (mg / kg (ppm))	0218	15.430	0.64000	17.443	3.6882	2.1467	3			0
093.00	Ractopamine Hydrochloride, LC (mg / kg (ppm))	2053	21.700	5.2000	17.443	3.6882	2.1467	3			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0675	174.82	67.170				1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	1,150.0	120.00				1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	1,705.0	30.000				1			0
101.99	Choline Chloride, Miscellaneous (mg / kg (ppm))	0644	1,051.0	12.000				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	173.50	11.000				1			0
102.02	Niacin, LC (mg / kg (ppm))	0675	148.24	4.6100				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	26.150	0.30000				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	54.300	1.6000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	19.600	0.40000				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	23.800	0.40000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	16.440	0.84000				1			0
105.00	Thiamine, LC (mg / kg (ppm))	0904	8.5400	0.82000	10.417	1.9680	0.78775	4	-0.95	9%	0
105.00	Thiamine, LC (mg / kg (ppm))	0208	9.6285	0.55100	10.417	1.9680	0.78775	4	-0.40	4%	0
105.00	Thiamine, LC (mg / kg (ppm))	0910	10.350	1.4800	10.417	1.9680	0.78775	4	-0.03	0%	0
105.00	Thiamine, LC (mg / kg (ppm))	0629	13.150	0.30000	10.417	1.9680	0.78775	4	1.39	13%	0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	14.950	2.1000				1			0
106.00	Vitamin A, Color (KU / kg)	0171	11.050	1.5000				1			0
106.01	Vitamin A, UV (KU / kg)	0098	5.9900	0.68000				1			0
106.02	Vitamin A, LC (KU / kg)	0555	4.5000	1.6000	8.6428	3.0326	1.0660	18	-1.37	24%	0
106.02	Vitamin A, LC (KU / kg)	0910	5.2500	1.3000	8.6428	3.0326	1.0660	18	-1.12	20%	0
106.02	Vitamin A, LC (KU / kg)	0904	5.2850	0.67000	8.6428	3.0326	1.0660	18	-1.11	19%	0
106.02	Vitamin A, LC (KU / kg)	2053	5.9100	1.1200	8.6428	3.0326	1.0660	18	-0.90	16%	0
106.02	Vitamin A, LC (KU / kg)	0208	6.0845	0.70500	8.6428	3.0326	1.0660	18	-0.84	15%	0
106.02	Vitamin A, LC (KU / kg)	0610	6.9000	0.00000	8.6428	3.0326	1.0660	18	-0.57	10%	0
106.02	Vitamin A, LC (KU / kg)	0227	7.6900	2.1400	8.6428	3.0326	1.0660	18	-0.31	6%	0
106.02	Vitamin A, LC (KU / kg)	0003	8.0000	0.00000	8.6428	3.0326	1.0660	18	-0.21	4%	0
106.02	Vitamin A, LC (KU / kg)	0861	8.6650	3.0700	8.6428	3.0326	1.0660	18	0.01	0%	0
106.02	Vitamin A, LC (KU / kg)	0004	8.7250	2.1500	8.6428	3.0326	1.0660	18	0.03	0%	0
106.02	Vitamin A, LC (KU / kg)	0638	9.2000	0.00000	8.6428	3.0326	1.0660	18	0.18	3%	0
106.02	Vitamin A, LC (KU / kg)	0563	9.4783	2.6713	8.6428	3.0326	1.0660	18	0.28	5%	0
106.02	Vitamin A, LC (KU / kg)	0148	10.300	0.34000	8.6428	3.0326	1.0660	18	0.55	10%	0
106.02	Vitamin A, LC (KU / kg)	0169	10.500	1.0000	8.6428	3.0326	1.0660	18	0.61	11%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
106.02	Vitamin A, LC (KU / kg)	0028	11.350	0.30000	8.6428	3.0326	1.0660	18	0.89	16%	0
106.02	Vitamin A, LC (KU / kg)	2103	11.350	1.4400	8.6428	3.0326	1.0660	18	0.89	16%	0
106.02	Vitamin A, LC (KU / kg)	0689	14.800	0.00000	8.6428	3.0326	1.0660	18	2.03	36%	0
106.02	Vitamin A, LC (KU / kg)	0905	25.387	0.68100	8.6428	3.0326	1.0660	18	5.52	97%	0
106.02	Vitamin A, LC (KU / kg)	0675	27.565	6.7300	8.6428	3.0326	1.0660	18	6.24	109%	1
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	1.5000	1.0000				1			0
108.02	Vitamin D3, LC (KU / kg)	0208	1.5300	0.90000	2.4000	0.84668	0.25500	4	-1.03	18%	0
108.02	Vitamin D3, LC (KU / kg)	0227	1.8500	0.10000	2.4000	0.84668	0.25500	4	-0.65	11%	0
108.02	Vitamin D3, LC (KU / kg)	0904	1.9750	0.01000	2.4000	0.84668	0.25500	4	-0.50	9%	0
108.02	Vitamin D3, LC (KU / kg)	0675	3.3750	0.01000	2.4000	0.84668	0.25500	4	1.15	20%	0
109.02	Vitamin E, LC (IU/kg)	0590	92.280	0.00000	114.47	20.023	4.5713	18	-1.11	10%	0
109.02	Vitamin E, LC (IU/kg)	0208	92.292	8.5640	114.47	20.023	4.5713	18	-1.11	10%	0
109.02	Vitamin E, LC (IU/kg)	0555	95.700	4.0000	114.47	20.023	4.5713	18	-0.94	8%	0
109.02	Vitamin E, LC (IU/kg)	0905	101.00	0.00000	114.47	20.023	4.5713	18	-0.67	6%	0
109.02	Vitamin E, LC (IU/kg)	0169	102.00	2.0000	114.47	20.023	4.5713	18	-0.62	5%	0
109.02	Vitamin E, LC (IU/kg)	0676	105.00	4.2000	114.47	20.023	4.5713	18	-0.47	4%	0
109.02	Vitamin E, LC (IU/kg)	0098	105.50	9.0000	114.47	20.023	4.5713	18	-0.45	4%	0
109.02	Vitamin E, LC (IU/kg)	0563	105.50	7.0000	114.47	20.023	4.5713	18	-0.45	4%	0
109.02	Vitamin E, LC (IU/kg)	0227	106.00	7.6000	114.47	20.023	4.5713	18	-0.42	4%	0
109.02	Vitamin E, LC (IU/kg)	0861	110.00	0.00000	114.47	20.023	4.5713	18	-0.22	2%	0
109.02	Vitamin E, LC (IU/kg)	0910	114.90	1.6000	114.47	20.023	4.5713	18	0.02	0%	0
109.02	Vitamin E, LC (IU/kg)	2103	115.50	17.000	114.47	20.023	4.5713	18	0.05	0%	0
109.02	Vitamin E, LC (IU/kg)	0610	119.00	4.0000	114.47	20.023	4.5713	18	0.23	2%	0
109.02	Vitamin E, LC (IU/kg)	0723	130.09	0.00000	114.47	20.023	4.5713	18	0.78	7%	0
109.02	Vitamin E, LC (IU/kg)	0148	132.15	2.9000	114.47	20.023	4.5713	18	0.88	8%	0
109.02	Vitamin E, LC (IU/kg)	0675	169.23	2.4200	114.47	20.023	4.5713	18	2.74	24%	0
109.02	Vitamin E, LC (IU/kg)	2053	197.00	12.000	114.47	20.023	4.5713	18	4.12	36%	0
109.02	Vitamin E, LC (IU/kg)	0638	257.00	0.00000	114.47	20.023	4.5713	18	7.12	62%	0
109.02	Vitamin E, LC (IU/kg)	0038	129.25	32.300	114.47	20.023	4.5713	18	0.74	6%	1
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	107.50	5.0000				1			0
112.00	Pyridoxine, Vitamin B6 (µg / g)	0904	3.6950	0.13000				1			0
112.01	Pyridoxine, LC (µg / g)	0227	8.2350	0.77000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	3.2750	0.17000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.53600	0.00000				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.92350	0.00700	0.97378	0.02361	0.00903	15	-2.13	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.95000	0.02000	0.97378	0.02361	0.00903	15	-1.01	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.95500	0.01000	0.97378	0.02361	0.00903	15	-0.80	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.95500	0.03000	0.97378	0.02361	0.00903	15	-0.80	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.96000	0.00000	0.97378	0.02361	0.00903	15	-0.58	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.96400	0.00000	0.97378	0.02361	0.00903	15	-0.41	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.96800	0.00400	0.97378	0.02361	0.00903	15	-0.24	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.97050	0.00300	0.97378	0.02361	0.00903	15	-0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.97500	0.01000	0.97378	0.02361	0.00903	15	0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.98050	0.00100	0.97378	0.02361	0.00903	15	0.28	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.98900	0.00600	0.97378	0.02361	0.00903	15	0.64	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.99500	0.01000	0.97378	0.02361	0.00903	15	0.90	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.99710	0.00420	0.97378	0.02361	0.00903	15	0.99	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.0000	0.02000	0.97378	0.02361	0.00903	15	1.11	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.0164	0.01020	0.97378	0.02361	0.00903	15	1.81	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.94500	0.08600	0.97378	0.02361	0.00903	15	-1.22	1%	1
120.02	Alanine, Post-col OPA Der (%)	0098	1.0165	0.01700				1			0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.93350	0.06100				2			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.95850	0.02500				2			0
120.99	Alanine, Miscellaneous (%)	0904	1.0800	0.02000				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.1700	0.00000	1.2887	0.04253	0.02445	16	-2.79	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.2046	0.01650	1.2887	0.04253	0.02445	16	-1.98	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	1.2450	0.05000	1.2887	0.04253	0.02445	16	-1.03	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.2650	0.01000	1.2887	0.04253	0.02445	16	-0.56	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.2700	0.00000	1.2887	0.04253	0.02445	16	-0.44	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.2755	0.05500	1.2887	0.04253	0.02445	16	-0.31	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.2780	0.00400	1.2887	0.04253	0.02445	16	-0.25	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.2850	0.01000	1.2887	0.04253	0.02445	16	-0.09	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.2900	0.02000	1.2887	0.04253	0.02445	16	0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.3050	0.01200	1.2887	0.04253	0.02445	16	0.38	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.3060	0.00400	1.2887	0.04253	0.02445	16	0.41	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.3105	0.02100	1.2887	0.04253	0.02445	16	0.51	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.3250	0.01600	1.2887	0.04253	0.02445	16	0.85	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.3300	0.06000	1.2887	0.04253	0.02445	16	0.97	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.3350	0.03000	1.2887	0.04253	0.02445	16	1.09	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.3489	0.08270	1.2887	0.04253	0.02445	16	1.42	2%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.2905	0.01100				1			0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.2535	0.14100				2			0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.3670	0.00000				2			0
121.99	Arginine, Miscellaneous (%)	0904	1.4050	0.05000				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.8600	0.02000	2.0109	0.06198	0.02259	15	-2.44	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.9450	0.01000	2.0109	0.06198	0.02259	15	-1.06	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.9600	0.06000	2.0109	0.06198	0.02259	15	-0.82	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.9680	0.00800	2.0109	0.06198	0.02259	15	-0.69	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.9800	0.00000	2.0109	0.06198	0.02259	15	-0.50	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.9950	0.00400	2.0109	0.06198	0.02259	15	-0.26	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.0065	0.01700	2.0109	0.06198	0.02259	15	-0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.0100	0.00400	2.0109	0.06198	0.02259	15	-0.02	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.0130	0.00800	2.0109	0.06198	0.02259	15	0.03	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	2.0150	0.03000	2.0109	0.06198	0.02259	15	0.07	0%	0

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122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.0250	0.07000	2.0109	0.06198	0.02259	15	0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.0407	0.01040	2.0109	0.06198	0.02259	15	0.48	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.0800	0.02000	2.0109	0.06198	0.02259	15	1.11	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.1623	0.02750	2.0109	0.06198	0.02259	15	2.44	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	2.5750	0.05000	2.0109	0.06198	0.02259	15	9.10	14%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.9400	0.11200	2.0109	0.06198	0.02259	15	-1.14	2%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	2.0275	0.04100				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.8765	0.10700				2			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	2.0110	0.08000				2			0
122.99	Aspartic, Miscellaneous (%)	0904	1.9600	0.06000				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.29350	0.00100	0.32704	0.02567	0.00850	16	-1.31	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.30500	0.01000	0.32704	0.02567	0.00850	16	-0.86	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.30500	0.01000	0.32704	0.02567	0.00850	16	-0.86	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.30910	0.01600	0.32704	0.02567	0.00850	16	-0.70	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0848	0.31000	0.00000	0.32704	0.02567	0.00850	16	-0.66	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.31150	0.00700	0.32704	0.02567	0.00850	16	-0.61	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.31350	0.00100	0.32704	0.02567	0.00850	16	-0.53	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.32150	0.00300	0.32704	0.02567	0.00850	16	-0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.32500	0.01000	0.32704	0.02567	0.00850	16	-0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.32800	0.02200	0.32704	0.02567	0.00850	16	0.04	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.33500	0.01000	0.32704	0.02567	0.00850	16	0.31	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.33600	0.00400	0.32704	0.02567	0.00850	16	0.35	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.35500	0.01000	0.32704	0.02567	0.00850	16	1.09	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.35900	0.01200	0.32704	0.02567	0.00850	16	1.25	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.36000	0.02000	0.32704	0.02567	0.00850	16	1.28	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.37000	0.00000	0.32704	0.02567	0.00850	16	1.67	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.37660	0.08900	0.32704	0.02567	0.00850	16	1.93	8%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.33800	0.01200				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0723	0.32340	0.00000				2			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.32500	0.01400				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0904	0.25500	0.01000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.3150	0.07000	3.5045	0.10018	0.03084	15	-1.89	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.3600	0.04000	3.5045	0.10018	0.03084	15	-1.44	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.4150	0.03000	3.5045	0.10018	0.03084	15	-0.89	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.4615	0.01100	3.5045	0.10018	0.03084	15	-0.43	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.4685	0.01300	3.5045	0.10018	0.03084	15	-0.36	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.4760	0.01000	3.5045	0.10018	0.03084	15	-0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.4800	0.02600	3.5045	0.10018	0.03084	15	-0.24	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.5030	0.02000	3.5045	0.10018	0.03084	15	-0.01	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.5050	0.01000	3.5045	0.10018	0.03084	15	0.01	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.5350	0.09000	3.5045	0.10018	0.03084	15	0.30	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.5600	0.04000	3.5045	0.10018	0.03084	15	0.55	1%	0

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125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.5823	0.01850	3.5045	0.10018	0.03084	15	0.78	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.6020	0.01410	3.5045	0.10018	0.03084	15	0.97	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.6100	0.02000	3.5045	0.10018	0.03084	15	1.05	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	4.0650	0.05000	3.5045	0.10018	0.03084	15	5.59	8%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.3550	0.17800	3.5045	0.10018	0.03084	15	-1.49	2%	1
125.02	Glutamic, Post-col OPA Der (%)	0098	3.4810	0.11800				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.2970	0.18400				2			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.4900	0.07800				2			0
125.99	Glutamic, Miscellaneous (%)	0904	3.6800	0.06000				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.81950	0.00100	0.86826	0.02231	0.01242	16	-2.19	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.83500	0.03000	0.86826	0.02231	0.01242	16	-1.49	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.84000	0.02000	0.86826	0.02231	0.01242	16	-1.27	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.85100	0.03800	0.86826	0.02231	0.01242	16	-0.77	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.86000	0.00000	0.86826	0.02231	0.01242	16	-0.37	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.86500	0.00200	0.86826	0.02231	0.01242	16	-0.15	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.86800	0.00400	0.86826	0.02231	0.01242	16	-0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.87100	0.00200	0.86826	0.02231	0.01242	16	0.12	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.87300	0.00800	0.86826	0.02231	0.01242	16	0.21	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.87535	0.00710	0.86826	0.02231	0.01242	16	0.32	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.87550	0.00100	0.86826	0.02231	0.01242	16	0.32	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.88000	0.04000	0.86826	0.02231	0.01242	16	0.53	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.88350	0.00560	0.86826	0.02231	0.01242	16	0.68	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.89000	0.02000	0.86826	0.02231	0.01242	16	0.97	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.89500	0.01000	0.86826	0.02231	0.01242	16	1.20	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.89500	0.01000	0.86826	0.02231	0.01242	16	1.20	2%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.89350	0.01700				1			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.85600	0.08000				2			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.89500	0.04200				2			0
126.99	Glycine, Miscellaneous (%)	0904	1.0850	0.07000				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.49050	0.01700	0.52200	0.02513	0.00629	16	-1.25	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.49300	0.00200	0.52200	0.02513	0.00629	16	-1.15	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.50000	0.00000	0.52200	0.02513	0.00629	16	-0.88	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.50200	0.00200	0.52200	0.02513	0.00629	16	-0.80	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.50275	0.00310	0.52200	0.02513	0.00629	16	-0.77	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.50850	0.00700	0.52200	0.02513	0.00629	16	-0.54	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.51750	0.00900	0.52200	0.02513	0.00629	16	-0.18	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.52000	0.00000	0.52200	0.02513	0.00629	16	-0.08	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.52200	0.00200	0.52200	0.02513	0.00629	16	0.00	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.52500	0.01000	0.52200	0.02513	0.00629	16	0.12	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.52550	0.00700	0.52200	0.02513	0.00629	16	0.14	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.54000	0.02000	0.52200	0.02513	0.00629	16	0.72	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.54085	0.00150	0.52200	0.02513	0.00629	16	0.75	2%	0

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127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.54500	0.01000	0.52200	0.02513	0.00629	16	0.92	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.59000	0.00000	0.52200	0.02513	0.00629	16	2.71	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.62500	0.01000	0.52200	0.02513	0.00629	16	4.10	10%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.51550	0.00300				1			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.50650	0.03900				2			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.51150	0.03100				2			0
127.99	Histidine, Miscellaneous (%)	0904	0.46500	0.01000				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.76000	0.02000	0.81428	0.04121	0.01512	16	-1.32	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.76050	0.05900	0.81428	0.04121	0.01512	16	-1.31	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.76900	0.00400	0.81428	0.04121	0.01512	16	-1.10	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.77500	0.01000	0.81428	0.04121	0.01512	16	-0.95	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.77960	0.02020	0.81428	0.04121	0.01512	16	-0.84	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.79700	0.01800	0.81428	0.04121	0.01512	16	-0.42	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.81000	0.00000	0.81428	0.04121	0.01512	16	-0.10	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.81600	0.02200	0.81428	0.04121	0.01512	16	0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.82550	0.00500	0.81428	0.04121	0.01512	16	0.27	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.83350	0.00900	0.81428	0.04121	0.01512	16	0.47	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.83500	0.01000	0.81428	0.04121	0.01512	16	0.50	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.84000	0.00000	0.81428	0.04121	0.01512	16	0.62	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.85500	0.01000	0.81428	0.04121	0.01512	16	0.99	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.85500	0.05000	0.81428	0.04121	0.01512	16	0.99	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.85795	0.00370	0.81428	0.04121	0.01512	16	1.06	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.85950	0.00100	0.81428	0.04121	0.01512	16	1.10	3%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.84050	0.01700				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.77950	0.03700				2			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.84200	0.02200				2			0
128.99	Isoleucine, Miscellaneous (%)	0904	0.77000	0.02000				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.5450	0.00200	1.5833	0.02805	0.01404	15	-1.36	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.5500	0.02000	1.5833	0.02805	0.01404	15	-1.19	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.5550	0.03000	1.5833	0.02805	0.01404	15	-1.01	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.5550	0.01000	1.5833	0.02805	0.01404	15	-1.01	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.5655	0.00700	1.5833	0.02805	0.01404	15	-0.63	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.5720	0.04400	1.5833	0.02805	0.01404	15	-0.40	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.5750	0.03000	1.5833	0.02805	0.01404	15	-0.30	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.5900	0.00800	1.5833	0.02805	0.01404	15	0.24	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.6000	0.00000	1.5833	0.02805	0.01404	15	0.60	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.6000	0.04000	1.5833	0.02805	0.01404	15	0.60	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.6015	0.00100	1.5833	0.02805	0.01404	15	0.65	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.6030	0.00600	1.5833	0.02805	0.01404	15	0.70	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.6100	0.00000	1.5833	0.02805	0.01404	15	0.95	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.6122	0.00260	1.5833	0.02805	0.01404	15	1.03	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.6150	0.01000	1.5833	0.02805	0.01404	15	1.13	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.5785	0.08100	1.5833	0.02805	0.01404	15	-0.17	0%	1
129.02	Leucine, Post-col OPA Der (%)	0098	1.6215	0.03500				1			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.4675	0.10900				2			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.5690	0.03400				2			0
129.99	Leucine, Miscellaneous (%)	0904	1.7950	0.03000				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.1650	0.03000	1.2831	0.03502	0.02167	17	-3.37	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.2400	0.02000	1.2831	0.03502	0.02167	17	-1.23	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.2440	0.01200	1.2831	0.03502	0.02167	17	-1.12	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.2485	0.08100	1.2831	0.03502	0.02167	17	-0.99	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.2695	0.01100	1.2831	0.03502	0.02167	17	-0.39	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.2745	0.00500	1.2831	0.03502	0.02167	17	-0.25	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.2750	0.01000	1.2831	0.03502	0.02167	17	-0.23	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.2795	0.00300	1.2831	0.03502	0.02167	17	-0.10	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.2810	0.01000	1.2831	0.03502	0.02167	17	-0.06	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.2850	0.01000	1.2831	0.03502	0.02167	17	0.05	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.2950	0.03000	1.2831	0.03502	0.02167	17	0.34	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.3000	0.00000	1.2831	0.03502	0.02167	17	0.48	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.3050	0.05000	1.2831	0.03502	0.02167	17	0.63	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.3061	0.00970	1.2831	0.03502	0.02167	17	0.66	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.3080	0.00670	1.2831	0.03502	0.02167	17	0.71	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	1.3800	0.02000	1.2831	0.03502	0.02167	17	2.77	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	1.4900	0.06000	1.2831	0.03502	0.02167	17	5.91	8%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.3290	0.00800				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.1970	0.08400	1.3308	0.09581	0.02967	3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	1.2630	0.00000	1.3308	0.09581	0.02967	3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.3985	0.00500	1.3308	0.09581	0.02967	3			0
130.99	L-Lysine, Miscellaneous (%)	0904	1.5400	0.06000				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.23000	0.02000	0.29881	0.02179	0.00806	17	-3.16	12%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.28000	0.00000	0.29881	0.02179	0.00806	17	-0.86	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.28050	0.00300	0.29881	0.02179	0.00806	17	-0.84	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.28100	0.00400	0.29881	0.02179	0.00806	17	-0.82	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.28500	0.00000	0.29881	0.02179	0.00806	17	-0.63	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.29000	0.00000	0.29881	0.02179	0.00806	17	-0.40	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.29000	0.00000	0.29881	0.02179	0.00806	17	-0.40	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.29000	0.00000	0.29881	0.02179	0.00806	17	-0.40	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.29300	0.02000	0.29881	0.02179	0.00806	17	-0.27	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.29500	0.01000	0.29881	0.02179	0.00806	17	-0.18	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.30500	0.01000	0.29881	0.02179	0.00806	17	0.28	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.31000	0.02000	0.29881	0.02179	0.00806	17	0.51	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.31100	0.00800	0.29881	0.02179	0.00806	17	0.56	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.31855	0.01890	0.29881	0.02179	0.00806	17	0.91	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.32165	0.00910	0.29881	0.02179	0.00806	17	1.05	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.33400	0.00400	0.29881	0.02179	0.00806	17	1.62	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.33500	0.01000	0.29881	0.02179	0.00806	17	1.66	6%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.27000	0.00400				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0723	0.28570	0.00000				2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.31350	0.01300				2			0
131.99	Methionine, Miscellaneous (%)	0904	0.28000	0.02000				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.88550	0.02100	0.93594	0.01813	0.01373	16	-2.78	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.91500	0.01000	0.93594	0.01813	0.01373	16	-1.16	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.91690	0.04800	0.93594	0.01813	0.01373	16	-1.05	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.91950	0.00100	0.93594	0.01813	0.01373	16	-0.91	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.92665	0.00270	0.93594	0.01813	0.01373	16	-0.51	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.93000	0.00000	0.93594	0.01813	0.01373	16	-0.33	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.93500	0.03000	0.93594	0.01813	0.01373	16	-0.05	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.93550	0.01100	0.93594	0.01813	0.01373	16	-0.02	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.94000	0.00000	0.93594	0.01813	0.01373	16	0.22	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.94000	0.02000	0.93594	0.01813	0.01373	16	0.22	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.94250	0.04100	0.93594	0.01813	0.01373	16	0.36	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.94400	0.00000	0.93594	0.01813	0.01373	16	0.44	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.94500	0.01000	0.93594	0.01813	0.01373	16	0.50	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.95000	0.00800	0.93594	0.01813	0.01373	16	0.78	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.96500	0.01000	0.93594	0.01813	0.01373	16	1.60	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.98350	0.00700	0.93594	0.01813	0.01373	16	2.62	3%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.94400	0.02000				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.88250	0.04900				2			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.96300	0.02400				2			0
132.99	Phenylalanine, Miscellaneous (%)	0904	0.91000	0.00000				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.99500	0.01000	1.1177	0.05481	0.02162	16	-2.24	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.0300	0.02000	1.1177	0.05481	0.02162	16	-1.60	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.0750	0.01000	1.1177	0.05481	0.02162	16	-0.78	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.0750	0.03000	1.1177	0.05481	0.02162	16	-0.78	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.0925	0.00700	1.1177	0.05481	0.02162	16	-0.46	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.1080	0.00400	1.1177	0.05481	0.02162	16	-0.18	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.1110	0.00600	1.1177	0.05481	0.02162	16	-0.12	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.1150	0.01000	1.1177	0.05481	0.02162	16	-0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.1275	0.00500	1.1177	0.05481	0.02162	16	0.18	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.1300	0.08000	1.1177	0.05481	0.02162	16	0.22	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.1300	0.02000	1.1177	0.05481	0.02162	16	0.22	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.1335	0.03300	1.1177	0.05481	0.02162	16	0.29	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.1571	0.00990	1.1177	0.05481	0.02162	16	0.72	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.1575	0.01100	1.1177	0.05481	0.02162	16	0.73	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.2000	0.04000	1.1177	0.05481	0.02162	16	1.50	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.3050	0.05000	1.1177	0.05481	0.02162	16	3.42	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
133.05	Proline, Pre-col AQC Der (%)	0676	1.0855	0.05700				2			0
133.05	Proline, Pre-col AQC Der (%)	0626	1.1945	0.02100				2			0
133.99	Proline, Miscellaneous (%)	0904	1.4050	0.07000				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.81500	0.01000	0.95173	0.04611	0.01716	16	-2.97	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.89005	0.05010	0.95173	0.04611	0.01716	16	-1.34	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.89100	0.00000	0.95173	0.04611	0.01716	16	-1.32	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.91550	0.01100	0.95173	0.04611	0.01716	16	-0.79	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.93500	0.03000	0.95173	0.04611	0.01716	16	-0.36	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.93800	0.00800	0.95173	0.04611	0.01716	16	-0.30	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.95600	0.06200	0.95173	0.04611	0.01716	16	0.09	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.95600	0.01400	0.95173	0.04611	0.01716	16	0.09	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.95800	0.00000	0.95173	0.04611	0.01716	16	0.14	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.96500	0.01000	0.95173	0.04611	0.01716	16	0.29	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.97350	0.00100	0.95173	0.04611	0.01716	16	0.47	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.97500	0.01000	0.95173	0.04611	0.01716	16	0.50	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.98000	0.02000	0.95173	0.04611	0.01716	16	0.61	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.99000	0.02000	0.95173	0.04611	0.01716	16	0.83	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.0011	0.01840	0.95173	0.04611	0.01716	16	1.07	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	1.0350	0.01000	0.95173	0.04611	0.01716	16	1.81	4%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.87850	0.07500				1			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.89800	0.06200				2			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.99050	0.06500				2			0
134.99	Serine, Miscellaneous (%)	0904	1.1250	0.03000				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.71000	0.02000	0.77243	0.02812	0.01007	16	-2.22	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.71650	0.00300	0.77243	0.02812	0.01007	16	-1.99	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.75000	0.00000	0.77243	0.02812	0.01007	16	-0.80	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.75500	0.01000	0.77243	0.02812	0.01007	16	-0.62	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.75650	0.00500	0.77243	0.02812	0.01007	16	-0.57	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.76000	0.00000	0.77243	0.02812	0.01007	16	-0.44	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.76450	0.01700	0.77243	0.02812	0.01007	16	-0.28	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.76650	0.00100	0.77243	0.02812	0.01007	16	-0.21	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.77800	0.00400	0.77243	0.02812	0.01007	16	0.20	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.78450	0.01300	0.77243	0.02812	0.01007	16	0.43	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.78500	0.01000	0.77243	0.02812	0.01007	16	0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.79000	0.02000	0.77243	0.02812	0.01007	16	0.62	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.79225	0.00730	0.77243	0.02812	0.01007	16	0.70	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0848	0.80000	0.02000	0.77243	0.02812	0.01007	16	0.98	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.80500	0.01000	0.77243	0.02812	0.01007	16	1.16	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.81110	0.02080	0.77243	0.02812	0.01007	16	1.38	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.77800	0.05000	0.77243	0.02812	0.01007	16	0.20	0%	1
135.02	Threonine, Post-col OPA Der (%)	0098	0.74800	0.02000				1			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.72000	0.05400				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
135.05	Threonine, Pre-col AQC Der (%)	0626	0.75650	0.02100				2			0
135.99	Threonine, Miscellaneous (%)	0904	0.73500	0.01000				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.20100	0.00060	0.23278	0.02716	0.00880	5	-1.17	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.21190	0.00740	0.23278	0.02716	0.00880	5	-0.77	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.24000	0.02000	0.23278	0.02716	0.00880	5	0.27	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.24100	0.01600	0.23278	0.02716	0.00880	5	0.30	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.27000	0.00000	0.23278	0.02716	0.00880	5	1.37	8%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.23550	0.00300				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.26200	0.00000				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.24550	0.00700				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.24850	0.01300				1			0
136.99	Tryptophan, Miscellaneous (%)	0904	0.18000	0.00000				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.25000	0.00000				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.28000	0.14000	0.60670	0.11673	0.02831	12	-2.80	27%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.40935	0.00330	0.60670	0.11673	0.02831	12	-1.69	16%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.56500	0.01000	0.60670	0.11673	0.02831	12	-0.36	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.57000	0.12000	0.60670	0.11673	0.02831	12	-0.31	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.57500	0.01000	0.60670	0.11673	0.02831	12	-0.27	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.60000	0.00000	0.60670	0.11673	0.02831	12	-0.06	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.63950	0.00500	0.60670	0.11673	0.02831	12	0.28	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.65000	0.00000	0.60670	0.11673	0.02831	12	0.37	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.66000	0.00800	0.60670	0.11673	0.02831	12	0.46	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.66100	0.00000	0.60670	0.11673	0.02831	12	0.47	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.71490	0.04040	0.60670	0.11673	0.02831	12	0.93	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.81350	0.00300	0.60670	0.11673	0.02831	12	1.77	17%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.66200	0.00800				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.59000	0.02000				2			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.69550	0.04900				2			0
137.99	Tyrosine, Miscellaneous (%)	0904	0.61500	0.05000				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.87350	0.03300	0.91655	0.03547	0.01448	15	-1.21	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.87500	0.03000	0.91655	0.03547	0.01448	15	-1.17	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.88500	0.03000	0.91655	0.03547	0.01448	15	-0.89	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.89150	0.00100	0.91655	0.03547	0.01448	15	-0.71	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.89500	0.01000	0.91655	0.03547	0.01448	15	-0.61	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.89750	0.00700	0.91655	0.03547	0.01448	15	-0.54	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.90900	0.00200	0.91655	0.03547	0.01448	15	-0.21	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.91735	0.02970	0.91655	0.03547	0.01448	15	0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.91800	0.02600	0.91655	0.03547	0.01448	15	0.04	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.92500	0.01000	0.91655	0.03547	0.01448	15	0.24	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.92700	0.00800	0.91655	0.03547	0.01448	15	0.29	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.94865	0.02050	0.91655	0.03547	0.01448	15	0.91	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.95000	0.00000	0.91655	0.03547	0.01448	15	0.94	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	Robust SD	R-bar	# Labs			
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.96600	0.00000	0.91655	0.03547	0.01448	15	1.39	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.0050	0.01000	0.91655	0.03547	0.01448	15	2.49	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.94500	0.07000	0.91655	0.03547	0.01448	15	0.80	2%	1
138.02	Valine, Post-col OPA Der (%)	0098	0.96200	0.01400				1			0
138.05	Valine, Pre-col AQC Der (%)	0676	0.93000	0.06200				2			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.99200	0.02600				2			0
138.99	Valine, Miscellaneous (%)	0904	0.77000	0.02000				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.21500	0.05000				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4
139.99	Taurine, Miscellaneous (%)	0904	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0227	0.28000	0.02000				2			0
160.99	Fructose, Miscellaneous (%)	0861	0.30000	0.00000				2			0
160.99	Fructose, Miscellaneous (%)	0297	0.00600	0.01200				2			4
162.99	Glucose, Miscellaneous (%)	0861	0.10000	0.00000				2			0
162.99	Glucose, Miscellaneous (%)	0227	0.33000	0.00000				2			0
162.99	Glucose, Miscellaneous (%)	0297	0.00000	0.00000				2			4
163.99	Lactose, Miscellaneous (%)	0227	2.7500	0.04000	3.0990	0.26985	0.03600	5	-1.29	6%	0
163.99	Lactose, Miscellaneous (%)	0629	2.9200	0.00000	3.0990	0.26985	0.03600	5	-0.66	3%	0
163.99	Lactose, Miscellaneous (%)	0861	3.1500	0.10000	3.0990	0.26985	0.03600	5	0.19	1%	0
163.99	Lactose, Miscellaneous (%)	0723	3.2352	0.00000	3.0990	0.26985	0.03600	5	0.50	2%	0
163.99	Lactose, Miscellaneous (%)	0297	3.4400	0.04000	3.0990	0.26985	0.03600	5	1.26	6%	0
164.99	Maltose, Miscellaneous (%)	0861	0.15000	0.10000	0.39500	0.22765	0.07000	3			0
164.99	Maltose, Miscellaneous (%)	0227	0.43500	0.11000	0.39500	0.22765	0.07000	3			0
164.99	Maltose, Miscellaneous (%)	0629	0.60000	0.00000	0.39500	0.22765	0.07000	3			0
165.99	Sucrose, Miscellaneous (%)	0723	2.6616	0.00000	2.9819	0.24548	0.00880	5	-1.30	5%	0
165.99	Sucrose, Miscellaneous (%)	0227	2.8050	0.03000	2.9819	0.24548	0.00880	5	-0.72	3%	0
165.99	Sucrose, Miscellaneous (%)	0629	3.0200	0.00000	2.9819	0.24548	0.00880	5	0.16	1%	0
165.99	Sucrose, Miscellaneous (%)	0861	3.2000	0.00000	2.9819	0.24548	0.00880	5	0.89	4%	0
165.99	Sucrose, Miscellaneous (%)	0297	3.2230	0.01400	2.9819	0.24548	0.00880	5	0.98	4%	0
166.99	Raffinose, Miscellaneous (%)	0227	0.35500	0.03000				2			0
166.99	Raffinose, Miscellaneous (%)	0297	0.91300	0.00600				2			0
167.99	Stachyose, Miscellaneous (%)	0227	1.3400	0.02000				2			0
167.99	Stachyose, Miscellaneous (%)	0297	1.6225	0.03300				2			0
350.01	Carbadox, residual, LC (µg / kg (ppb))	0027	46,595	1,065.0				1			0
377.01	Pyrantel Tartrate, residual, LC (µg / kg (ppb))	0027	93,141	8,466.0				1			0
393.00	Ractopamine Hydrochloride, residual, LC (µg / kg	0027	11,940	1,465.0				1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.45250	0.00300	0.46267	0.00889	0.00893	4	-1.14	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.46650	0.00100	0.46267	0.00889	0.00893	4	0.43	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.46900	0.00600	0.46267	0.00889	0.00893	4	0.71	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.53465	0.02570	0.46267	0.00889	0.00893	4	8.09	8%	0
400.99	Water activity, Miscellaneous (Units)	0843	0.47400	0.00400				2			0
400.99	Water activity, Miscellaneous (Units)	2073	0.49200	0.00400				2			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	Robust SD	R-bar	# Labs			
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0948	0.06750	0.00700				2		0	
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.35000	0.00000				2		0	
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.36600	0.03400				2		0	
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.40000	0.04000				2		0	
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.33350	0.01500	0.39119	0.05698	0.03853	4	-1.01	7%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.35900	0.01200	0.39119	0.05698	0.03853	4	-0.56	4%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0168	0.41025	0.02710	0.39119	0.05698	0.03853	4	0.33	2%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.46200	0.10000	0.39119	0.05698	0.03853	4	1.24	9%	0
518.33	Cadmium, AAS, Microwave (mg / kg (ppm))	0948	0.02950	0.01500				1		0	
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.06200	0.00800	0.07317	0.01037	0.00633	3		0	
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.07500	0.01000	0.07317	0.01037	0.00633	3		0	
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.08250	0.00100	0.07317	0.01037	0.00633	3		0	
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.09050	0.00520				1		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.07700	0.00400	0.08638	0.01002	0.00465	4	-0.94	5%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.07945	0.00730	0.08638	0.01002	0.00465	4	-0.69	4%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.09050	0.00700	0.08638	0.01002	0.00465	4	0.41	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.09855	0.00030	0.08638	0.01002	0.00465	4	1.22	7%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	1.5800	0.04000	2.4555	0.83228	0.21433	3		0	
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	2.5500	0.10000	2.4555	0.83228	0.21433	3		0	
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	3.2365	0.50300	2.4555	0.83228	0.21433	3		0	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	4.4600	0.44000				1		0	
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.8500	0.30000				1		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0168	4.7250	0.15000				1		0	
526.33	Lead, AAS, Microwave (mg / kg (ppm))	0948	0.80200	0.19600				1		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.04000	0.02600				1		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.00000	0.00000				1		4	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.18000	0.04800				1		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.11000	0.00000	0.12042	0.00909	0.00363	3		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.12450	0.00900	0.12042	0.00909	0.00363	3		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0168	0.12675	0.00190	0.12042	0.00909	0.00363	3		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.06350	0.12700	0.12042	0.00909	0.00363	3		4	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	2.7450	0.05400				2		0	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	2.7500	0.10000				2		0	
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.0000	0.40000				1		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	3.5150	0.61000				1		0	

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 8 = Analyst data exempt and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in this case the Z Scores may be included for information only (Grey, No Action!). Flag 3 indicates not used in statistics.