



Method Proficiency Testing Report Regular Program

Sample # 201624
Goat Feed

Labs Reporting: 208
Issue Date : 05/31/2016

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	0.30000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	7.0950	0.03000	7.5511	0.33553	0.11359	8	-1.36	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0016	7.3600	0.04000	7.5511	0.33553	0.11359	8	-0.57	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	7.3800	0.68000	7.5511	0.33553	0.11359	8	-0.51	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.3894	0.02770	7.5511	0.33553	0.11359	8	-0.48	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.7150	0.03000	7.5511	0.33553	0.11359	8	0.49	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	7.7150	0.03000	7.5511	0.33553	0.11359	8	0.49	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.7250	0.05000	7.5511	0.33553	0.11359	8	0.52	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0183	8.0295	0.02100	7.5511	0.33553	0.11359	8	1.43	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	5.1100	1.2400	7.5511	0.33553	0.11359	8	-7.28	16%	1
001.03	Loss on Drying, Low temp. methods (%)	0868	7.6100	0.00000	7.7225	0.08568	0.01500	4	-1.31	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	7.7150	0.03000	7.7225	0.08568	0.01500	4	-0.09	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	7.7500	0.02000	7.7225	0.08568	0.01500	4	0.32	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	7.8150	0.01000	7.7225	0.08568	0.01500	4	1.08	1%	0
001.05	Loss on Drying, LECO (%)	0610	7.5750	0.03000				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	6.4100	0.02000	7.6582	0.16862	0.10014	39	-7.40	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	7.3621	0.04620	7.6582	0.16862	0.10014	39	-1.76	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.3650	0.01000	7.6582	0.16862	0.10014	39	-1.74	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	7.4600	0.08000	7.6582	0.16862	0.10014	39	-1.18	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	7.4750	0.09000	7.6582	0.16862	0.10014	39	-1.09	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	7.4850	0.01000	7.6582	0.16862	0.10014	39	-1.03	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.4950	0.05000	7.6582	0.16862	0.10014	39	-0.97	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.5100	0.16000	7.6582	0.16862	0.10014	39	-0.88	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.5150	0.03000	7.6582	0.16862	0.10014	39	-0.85	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.5176	0.01610	7.6582	0.16862	0.10014	39	-0.83	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	7.5500	0.10000	7.6582	0.16862	0.10014	39	-0.64	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	7.5550	0.01000	7.6582	0.16862	0.10014	39	-0.61	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.5700	0.00000	7.6582	0.16862	0.10014	39	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0065	7.5775	0.03500	7.6582	0.16862	0.10014	39	-0.48	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	7.6000	0.20000	7.6582	0.16862	0.10014	39	-0.34	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.6000	0.20000	7.6582	0.16862	0.10014	39	-0.34	0%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	7.6100	0.04000	7.6582	0.16862	0.10014	39	-0.29	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	7.6500	0.50000	7.6582	0.16862	0.10014	39	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	7.6550	0.05000	7.6582	0.16862	0.10014	39	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.6700	0.00000	7.6582	0.16862	0.10014	39	0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.6750	0.05000	7.6582	0.16862	0.10014	39	0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.6850	0.21000	7.6582	0.16862	0.10014	39	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	7.7100	0.02000	7.6582	0.16862	0.10014	39	0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	7.7150	0.05000	7.6582	0.16862	0.10014	39	0.34	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	7.7390	0.07800	7.6582	0.16862	0.10014	39	0.48	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.7400	0.00000	7.6582	0.16862	0.10014	39	0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	7.7500	0.04000	7.6582	0.16862	0.10014	39	0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	7.7600	0.08000	7.6582	0.16862	0.10014	39	0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	7.7750	0.01000	7.6582	0.16862	0.10014	39	0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	7.7750	0.01000	7.6582	0.16862	0.10014	39	0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	7.7900	0.04000	7.6582	0.16862	0.10014	39	0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	7.8050	0.01000	7.6582	0.16862	0.10014	39	0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.8100	0.02000	7.6582	0.16862	0.10014	39	0.90	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	7.8250	0.43000	7.6582	0.16862	0.10014	39	0.99	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	7.8300	0.04000	7.6582	0.16862	0.10014	39	1.02	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.8400	0.12000	7.6582	0.16862	0.10014	39	1.08	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.0200	0.54000	7.6582	0.16862	0.10014	39	2.15	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.0650	0.47000	7.6582	0.16862	0.10014	39	2.41	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	8.4300	0.04000	7.6582	0.16862	0.10014	39	4.58	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	6.0800	0.66000	7.6582	0.16862	0.10014	39	-9.36	10%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.4550	0.69000	7.6582	0.16862	0.10014	39	-1.20	1%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	7.5050	0.27000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	7.7000	0.00000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0620	5.8768	0.13660	7.4967	0.41044	0.06244	20	-3.95	11%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	6.0350	0.05000	7.4967	0.41044	0.06244	20	-3.56	10%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	7.0400	0.02000	7.4967	0.41044	0.06244	20	-1.11	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.0400	0.08000	7.4967	0.41044	0.06244	20	-1.11	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	7.0850	0.03000	7.4967	0.41044	0.06244	20	-1.00	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	7.3350	0.15000	7.4967	0.41044	0.06244	20	-0.39	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	7.4300	0.06000	7.4967	0.41044	0.06244	20	-0.16	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.4950	0.07000	7.4967	0.41044	0.06244	20	0.00	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.5000	0.00000	7.4967	0.41044	0.06244	20	0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.5250	0.13000	7.4967	0.41044	0.06244	20	0.07	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	7.5350	0.01000	7.4967	0.41044	0.06244	20	0.09	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2126	7.5350	0.01000	7.4967	0.41044	0.06244	20	0.09	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0644	7.6000	0.00000	7.4967	0.41044	0.06244	20	0.25	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	7.6550	0.13000	7.4967	0.41044	0.06244	20	0.39	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2080	7.6950	0.07000	7.4967	0.41044	0.06244	20	0.48	1%	0

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001.99	Loss on Drying, Miscellaneous (%)	0662	7.7923	0.04220	7.4967	0.41044	0.06244	20	0.72	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	7.8600	0.04000	7.4967	0.41044	0.06244	20	0.89	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	7.9700	0.04000	7.4967	0.41044	0.06244	20	1.15	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	8.0150	0.05000	7.4967	0.41044	0.06244	20	1.26	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	8.0650	0.13000	7.4967	0.41044	0.06244	20	1.38	4%	0
002.00	Protein, Crude (%)	0028	18.725	0.11000	18.944	0.35386	0.10667	6	-0.62	1%	0
002.00	Protein, Crude (%)	2127	18.730	0.12000	18.944	0.35386	0.10667	6	-0.61	1%	0
002.00	Protein, Crude (%)	0169	18.735	0.19000	18.944	0.35386	0.10667	6	-0.59	1%	0
002.00	Protein, Crude (%)	2119	18.825	0.07000	18.944	0.35386	0.10667	6	-0.34	0%	0
002.00	Protein, Crude (%)	0940	19.175	0.15000	18.944	0.35386	0.10667	6	0.65	1%	0
002.00	Protein, Crude (%)	2128	20.446	0.00000	18.944	0.35386	0.10667	6	4.24	4%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	17.850	0.10000	19.026	0.31640	0.06149	18	-3.72	3%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	18.440	0.02000	19.026	0.31640	0.06149	18	-1.85	2%	0
002.01	Protein, Auto Kjel-Foss (%)	0910	18.750	0.10000	19.026	0.31640	0.06149	18	-0.87	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0199	18.815	0.05000	19.026	0.31640	0.06149	18	-0.67	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0870	18.851	0.12100	19.026	0.31640	0.06149	18	-0.56	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	18.900	0.20000	19.026	0.31640	0.06149	18	-0.40	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0653	18.910	0.04000	19.026	0.31640	0.06149	18	-0.37	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0062	18.965	0.00600	19.026	0.31640	0.06149	18	-0.19	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0043	19.005	0.03000	19.026	0.31640	0.06149	18	-0.07	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0723	19.020	0.00000	19.026	0.31640	0.06149	18	-0.02	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	19.030	0.02000	19.026	0.31640	0.06149	18	0.01	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	19.094	0.04100	19.026	0.31640	0.06149	18	0.21	0%	0
002.01	Protein, Auto Kjel-Foss (%)	2109	19.150	0.04000	19.026	0.31640	0.06149	18	0.39	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0662	19.229	0.22880	19.026	0.31640	0.06149	18	0.64	1%	0
002.01	Protein, Auto Kjel-Foss (%)	2066	19.300	0.00000	19.026	0.31640	0.06149	18	0.87	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	19.350	0.10000	19.026	0.31640	0.06149	18	1.02	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0860	19.690	0.00000	19.026	0.31640	0.06149	18	2.10	2%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	19.705	0.01000	19.026	0.31640	0.06149	18	2.15	2%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	18.750	0.16000	19.017	0.23205	0.12767	3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	19.131	0.10300	19.017	0.23205	0.12767	3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	19.170	0.12000	19.017	0.23205	0.12767	3			0
002.04	Protein, Copper Catalyst (%)	0405	18.225	0.17000	18.893	0.51269	0.20833	6	-1.30	2%	0
002.04	Protein, Copper Catalyst (%)	0874	18.640	0.12000	18.893	0.51269	0.20833	6	-0.49	1%	0
002.04	Protein, Copper Catalyst (%)	2057	18.750	0.50000	18.893	0.51269	0.20833	6	-0.28	0%	0
002.04	Protein, Copper Catalyst (%)	0187	18.970	0.12000	18.893	0.51269	0.20833	6	0.15	0%	0
002.04	Protein, Copper Catalyst (%)	0728	19.360	0.02000	18.893	0.51269	0.20833	6	0.91	1%	0
002.04	Protein, Copper Catalyst (%)	0504	19.410	0.32000	18.893	0.51269	0.20833	6	1.01	1%	0
002.05	Protein, Copper, Boric Acid (%)	0722	18.389	0.08790	19.025	0.23869	0.12226	31	-2.66	2%	0
002.05	Protein, Copper, Boric Acid (%)	0885	18.710	0.19540	19.025	0.23869	0.12226	31	-1.32	1%	0
002.05	Protein, Copper, Boric Acid (%)	2097	18.714	0.05950	19.025	0.23869	0.12226	31	-1.30	1%	0
002.05	Protein, Copper, Boric Acid (%)	0674	18.730	0.00000	19.025	0.23869	0.12226	31	-1.24	1%	0

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002.05	Protein, Copper, Boric Acid (%)	2012	18.740	0.16000	19.025	0.23869	0.12226	31	-1.19	1%	0
002.05	Protein, Copper, Boric Acid (%)	0620	18.750	0.24310	19.025	0.23869	0.12226	31	-1.15	1%	0
002.05	Protein, Copper, Boric Acid (%)	2006	18.815	0.47000	19.025	0.23869	0.12226	31	-0.88	1%	0
002.05	Protein, Copper, Boric Acid (%)	0623	18.820	0.28000	19.025	0.23869	0.12226	31	-0.86	1%	0
002.05	Protein, Copper, Boric Acid (%)	0675	18.865	0.21000	19.025	0.23869	0.12226	31	-0.67	0%	0
002.05	Protein, Copper, Boric Acid (%)	2106	18.875	0.01000	19.025	0.23869	0.12226	31	-0.63	0%	0
002.05	Protein, Copper, Boric Acid (%)	0622	18.960	0.00190	19.025	0.23869	0.12226	31	-0.27	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	19.000	0.20000	19.025	0.23869	0.12226	31	-0.10	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	19.000	0.02000	19.025	0.23869	0.12226	31	-0.10	0%	0
002.05	Protein, Copper, Boric Acid (%)	0596	19.005	0.01000	19.025	0.23869	0.12226	31	-0.08	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	19.030	0.06000	19.025	0.23869	0.12226	31	0.02	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	19.035	0.03000	19.025	0.23869	0.12226	31	0.04	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	19.060	0.02000	19.025	0.23869	0.12226	31	0.15	0%	0
002.05	Protein, Copper, Boric Acid (%)	0194	19.095	0.03000	19.025	0.23869	0.12226	31	0.29	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	19.130	0.06000	19.025	0.23869	0.12226	31	0.44	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	19.135	0.01000	19.025	0.23869	0.12226	31	0.46	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	19.141	0.10540	19.025	0.23869	0.12226	31	0.49	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	19.145	0.21000	19.025	0.23869	0.12226	31	0.50	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	19.160	0.06000	19.025	0.23869	0.12226	31	0.57	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	19.170	0.06000	19.025	0.23869	0.12226	31	0.61	0%	0
002.05	Protein, Copper, Boric Acid (%)	0651	19.192	0.00680	19.025	0.23869	0.12226	31	0.70	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	19.205	0.07000	19.025	0.23869	0.12226	31	0.75	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	19.225	0.11000	19.025	0.23869	0.12226	31	0.84	1%	0
002.05	Protein, Copper, Boric Acid (%)	0937	19.310	0.02000	19.025	0.23869	0.12226	31	1.19	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	19.350	0.30000	19.025	0.23869	0.12226	31	1.36	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	19.355	0.29000	19.025	0.23869	0.12226	31	1.38	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	20.200	0.40000	19.025	0.23869	0.12226	31	4.92	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	18.700	0.20000	19.382	0.24594	0.14952	125	-2.77	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2110	18.800	0.20000	19.382	0.24594	0.14952	125	-2.37	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	18.805	0.27000	19.382	0.24594	0.14952	125	-2.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	18.842	0.06570	19.382	0.24594	0.14952	125	-2.20	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	18.900	0.00000	19.382	0.24594	0.14952	125	-1.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	18.975	0.05000	19.382	0.24594	0.14952	125	-1.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	18.975	0.03000	19.382	0.24594	0.14952	125	-1.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	19.000	0.20000	19.382	0.24594	0.14952	125	-1.55	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	19.056	0.03000	19.382	0.24594	0.14952	125	-1.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	19.060	0.10000	19.382	0.24594	0.14952	125	-1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	19.060	0.02000	19.382	0.24594	0.14952	125	-1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	19.070	0.06000	19.382	0.24594	0.14952	125	-1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	19.090	0.02000	19.382	0.24594	0.14952	125	-1.19	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	19.100	0.60000	19.382	0.24594	0.14952	125	-1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	19.100	0.40000	19.382	0.24594	0.14952	125	-1.15	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			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	19.125	0.13000	19.382	0.24594	0.14952	125	-1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	19.135	0.03000	19.382	0.24594	0.14952	125	-1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2126	19.135	0.01000	19.382	0.24594	0.14952	125	-1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	19.150	0.30000	19.382	0.24594	0.14952	125	-0.94	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2080	19.155	0.07000	19.382	0.24594	0.14952	125	-0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	19.165	0.05000	19.382	0.24594	0.14952	125	-0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	19.180	0.00000	19.382	0.24594	0.14952	125	-0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	19.195	0.75000	19.382	0.24594	0.14952	125	-0.76	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	19.195	0.03000	19.382	0.24594	0.14952	125	-0.76	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	19.200	0.40000	19.382	0.24594	0.14952	125	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	19.200	0.03000	19.382	0.24594	0.14952	125	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	19.200	0.00000	19.382	0.24594	0.14952	125	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	19.200	0.10000	19.382	0.24594	0.14952	125	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	19.200	0.42000	19.382	0.24594	0.14952	125	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	19.200	0.20000	19.382	0.24594	0.14952	125	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	19.205	0.05000	19.382	0.24594	0.14952	125	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	19.210	0.50000	19.382	0.24594	0.14952	125	-0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0123	19.220	0.00000	19.382	0.24594	0.14952	125	-0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	19.220	0.02000	19.382	0.24594	0.14952	125	-0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	19.220	0.06000	19.382	0.24594	0.14952	125	-0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	19.231	0.31500	19.382	0.24594	0.14952	125	-0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	19.235	0.09000	19.382	0.24594	0.14952	125	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	19.250	0.16000	19.382	0.24594	0.14952	125	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	19.275	0.15000	19.382	0.24594	0.14952	125	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	19.290	0.10000	19.382	0.24594	0.14952	125	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	19.290	0.30000	19.382	0.24594	0.14952	125	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	19.290	0.06000	19.382	0.24594	0.14952	125	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	19.295	0.19000	19.382	0.24594	0.14952	125	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	19.295	0.35000	19.382	0.24594	0.14952	125	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	19.295	0.07000	19.382	0.24594	0.14952	125	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2095	19.295	0.19000	19.382	0.24594	0.14952	125	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	19.300	0.20000	19.382	0.24594	0.14952	125	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	19.300	0.20000	19.382	0.24594	0.14952	125	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	19.300	0.60000	19.382	0.24594	0.14952	125	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	19.300	0.00000	19.382	0.24594	0.14952	125	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	19.305	0.01000	19.382	0.24594	0.14952	125	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	19.315	0.05000	19.382	0.24594	0.14952	125	-0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	19.315	0.07000	19.382	0.24594	0.14952	125	-0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	19.320	0.04000	19.382	0.24594	0.14952	125	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	19.320	0.16000	19.382	0.24594	0.14952	125	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	19.325	0.03000	19.382	0.24594	0.14952	125	-0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	19.325	0.05000	19.382	0.24594	0.14952	125	-0.23	0%	0

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0065	19.335	0.00590	19.382	0.24594	0.14952	125	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	19.340	0.02000	19.382	0.24594	0.14952	125	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	19.350	0.06000	19.382	0.24594	0.14952	125	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	19.350	0.18000	19.382	0.24594	0.14952	125	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	19.350	0.10000	19.382	0.24594	0.14952	125	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	19.350	0.50000	19.382	0.24594	0.14952	125	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	19.355	0.13000	19.382	0.24594	0.14952	125	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	19.360	0.20000	19.382	0.24594	0.14952	125	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	19.365	0.25000	19.382	0.24594	0.14952	125	-0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	19.366	0.15700	19.382	0.24594	0.14952	125	-0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0563	19.368	0.11500	19.382	0.24594	0.14952	125	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	19.390	0.08000	19.382	0.24594	0.14952	125	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	19.395	0.03000	19.382	0.24594	0.14952	125	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	19.400	0.20000	19.382	0.24594	0.14952	125	0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	19.400	0.00000	19.382	0.24594	0.14952	125	0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0199	19.405	0.11000	19.382	0.24594	0.14952	125	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	19.410	0.10000	19.382	0.24594	0.14952	125	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	19.415	0.07000	19.382	0.24594	0.14952	125	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	19.440	0.06000	19.382	0.24594	0.14952	125	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	19.440	0.08000	19.382	0.24594	0.14952	125	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	19.445	0.15000	19.382	0.24594	0.14952	125	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	19.450	0.10000	19.382	0.24594	0.14952	125	0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	19.450	0.10000	19.382	0.24594	0.14952	125	0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	19.450	0.10000	19.382	0.24594	0.14952	125	0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	19.450	0.50000	19.382	0.24594	0.14952	125	0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	19.455	0.13000	19.382	0.24594	0.14952	125	0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	19.465	0.24300	19.382	0.24594	0.14952	125	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	19.465	0.03000	19.382	0.24594	0.14952	125	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	19.500	0.02000	19.382	0.24594	0.14952	125	0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	19.500	0.20000	19.382	0.24594	0.14952	125	0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	19.500	0.12000	19.382	0.24594	0.14952	125	0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	19.525	0.23000	19.382	0.24594	0.14952	125	0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	19.530	0.10000	19.382	0.24594	0.14952	125	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	19.530	0.06000	19.382	0.24594	0.14952	125	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	19.539	0.30100	19.382	0.24594	0.14952	125	0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	19.540	0.12000	19.382	0.24594	0.14952	125	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	19.545	0.13000	19.382	0.24594	0.14952	125	0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	19.550	0.02000	19.382	0.24594	0.14952	125	0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	19.555	0.03000	19.382	0.24594	0.14952	125	0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	19.565	0.03000	19.382	0.24594	0.14952	125	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	19.598	0.04500	19.382	0.24594	0.14952	125	0.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	19.600	0.00000	19.382	0.24594	0.14952	125	0.89	1%	0

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	19.600	0.40000	19.382	0.24594	0.14952	125	0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	19.608	0.04500	19.382	0.24594	0.14952	125	0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	19.620	0.08000	19.382	0.24594	0.14952	125	0.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	19.635	0.00800	19.382	0.24594	0.14952	125	1.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	19.645	0.01000	19.382	0.24594	0.14952	125	1.07	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	19.650	0.10000	19.382	0.24594	0.14952	125	1.09	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	19.654	0.48700	19.382	0.24594	0.14952	125	1.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	19.660	0.20000	19.382	0.24594	0.14952	125	1.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	19.675	0.11000	19.382	0.24594	0.14952	125	1.19	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	19.685	0.27000	19.382	0.24594	0.14952	125	1.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	19.690	0.02000	19.382	0.24594	0.14952	125	1.25	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	19.695	0.15000	19.382	0.24594	0.14952	125	1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	19.700	0.02000	19.382	0.24594	0.14952	125	1.29	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	19.705	0.09000	19.382	0.24594	0.14952	125	1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	19.705	0.03000	19.382	0.24594	0.14952	125	1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	19.745	0.47000	19.382	0.24594	0.14952	125	1.47	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	19.775	0.15000	19.382	0.24594	0.14952	125	1.60	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	19.780	0.02000	19.382	0.24594	0.14952	125	1.62	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	19.808	0.42200	19.382	0.24594	0.14952	125	1.73	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	19.825	0.19000	19.382	0.24594	0.14952	125	1.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	19.850	0.12000	19.382	0.24594	0.14952	125	1.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	19.915	0.14100	19.382	0.24594	0.14952	125	2.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	19.940	0.46000	19.382	0.24594	0.14952	125	2.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	19.955	0.09000	19.382	0.24594	0.14952	125	2.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	20.220	0.62000	19.382	0.24594	0.14952	125	3.41	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	20.270	0.00000	19.382	0.24594	0.14952	125	3.61	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	19.380	1.1200	19.382	0.24594	0.14952	125	-0.01	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	20.315	1.0900	19.382	0.24594	0.14952	125	3.79	2%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	20.405	2.8300	19.382	0.24594	0.14952	125	4.16	3%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	16.264	0.07880	19.382	0.24594	0.14952	125	-12.68	8%	2
002.08	Protein, Cu/Ti (%)	0098	19.040	0.42000	19.144	0.13738	0.24450	3			0
002.08	Protein, Cu/Ti (%)	0563	19.093	0.31350	19.144	0.13738	0.24450	3			0
002.08	Protein, Cu/Ti (%)	0208	19.300	0.00000	19.144	0.13738	0.24450	3			0
002.10	Protein, Block dig/distillation (%)	0629	19.210	0.02000				1			0
002.11	Protein, NIR (%)	0596	17.440	0.12000	19.974	1.2390	0.11111	9	-2.05	6%	0
002.11	Protein, NIR (%)	0034	18.925	0.17000	19.974	1.2390	0.11111	9	-0.85	3%	0
002.11	Protein, NIR (%)	2121	19.510	0.12000	19.974	1.2390	0.11111	9	-0.37	1%	0
002.11	Protein, NIR (%)	0852	19.660	0.08000	19.974	1.2390	0.11111	9	-0.25	1%	0
002.11	Protein, NIR (%)	2120	19.935	0.27000	19.974	1.2390	0.11111	9	-0.03	0%	0
002.11	Protein, NIR (%)	0613	20.140	0.06000	19.974	1.2390	0.11111	9	0.13	0%	0
002.11	Protein, NIR (%)	0889	20.670	0.08000	19.974	1.2390	0.11111	9	0.56	2%	0
002.11	Protein, NIR (%)	0297	21.215	0.07000	19.974	1.2390	0.11111	9	1.00	3%	0

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002.11	Protein, NIR (%)	0720	21.595	0.03000	19.974	1.2390	0.11111	9	1.31	4%	0
002.11	Protein, NIR (%)	0553	19.020	0.58000	19.974	1.2390	0.11111	9	-0.77	2%	1
002.99	Protein, Miscellaneous (%)	0681	18.080	0.06000	19.001	0.65116	0.06750	4	-1.41	2%	0
002.99	Protein, Miscellaneous (%)	0643	19.025	0.01000	19.001	0.65116	0.06750	4	0.04	0%	0
002.99	Protein, Miscellaneous (%)	0644	19.350	0.10000	19.001	0.65116	0.06750	4	0.54	1%	0
002.99	Protein, Miscellaneous (%)	2004	19.550	0.10000	19.001	0.65116	0.06750	4	0.84	1%	0
003.00	Fat, Eth Ext., Direct (%)	0142	3.0150	0.01000	3.7243	0.16502	0.04935	18	-4.30	10%	0
003.00	Fat, Eth Ext., Direct (%)	2106	3.5050	0.25000	3.7243	0.16502	0.04935	18	-1.33	3%	0
003.00	Fat, Eth Ext., Direct (%)	0939	3.5150	0.03000	3.7243	0.16502	0.04935	18	-1.27	3%	0
003.00	Fat, Eth Ext., Direct (%)	2109	3.5800	0.02000	3.7243	0.16502	0.04935	18	-0.87	2%	0
003.00	Fat, Eth Ext., Direct (%)	0309	3.6221	0.08280	3.7243	0.16502	0.04935	18	-0.62	1%	0
003.00	Fat, Eth Ext., Direct (%)	0615	3.6450	0.01000	3.7243	0.16502	0.04935	18	-0.48	1%	0
003.00	Fat, Eth Ext., Direct (%)	0884	3.6500	0.10000	3.7243	0.16502	0.04935	18	-0.45	1%	0
003.00	Fat, Eth Ext., Direct (%)	0026	3.6750	0.03000	3.7243	0.16502	0.04935	18	-0.30	1%	0
003.00	Fat, Eth Ext., Direct (%)	0885	3.7521	0.13800	3.7243	0.16502	0.04935	18	0.17	0%	0
003.00	Fat, Eth Ext., Direct (%)	0345	3.7700	0.06000	3.7243	0.16502	0.04935	18	0.28	1%	0
003.00	Fat, Eth Ext., Direct (%)	2053	3.8000	0.00000	3.7243	0.16502	0.04935	18	0.46	1%	0
003.00	Fat, Eth Ext., Direct (%)	0032	3.8100	0.00000	3.7243	0.16502	0.04935	18	0.52	1%	0
003.00	Fat, Eth Ext., Direct (%)	0035	3.8300	0.02000	3.7243	0.16502	0.04935	18	0.64	1%	0
003.00	Fat, Eth Ext., Direct (%)	0194	3.8450	0.03000	3.7243	0.16502	0.04935	18	0.73	2%	0
003.00	Fat, Eth Ext., Direct (%)	0354	3.8550	0.01000	3.7243	0.16502	0.04935	18	0.79	2%	0
003.00	Fat, Eth Ext., Direct (%)	0876	3.8550	0.03000	3.7243	0.16502	0.04935	18	0.79	2%	0
003.00	Fat, Eth Ext., Direct (%)	0175	3.8800	0.00000	3.7243	0.16502	0.04935	18	0.94	2%	0
003.00	Fat, Eth Ext., Direct (%)	0065	4.0338	0.06750	3.7243	0.16502	0.04935	18	1.88	4%	0
003.00	Fat, Eth Ext., Direct (%)	0596	3.4550	0.71000	3.7243	0.16502	0.04935	18	-1.63	4%	1
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	3.4866	0.02750				2			0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	4.1300	0.14000				2			0
003.06	Fat, Pet Ether (%)	0552	3.1350	0.09000	3.5964	0.20066	0.08375	18	-2.30	6%	0
003.06	Fat, Pet Ether (%)	0682	3.2600	0.00000	3.5964	0.20066	0.08375	18	-1.68	5%	0
003.06	Fat, Pet Ether (%)	0687	3.4250	0.25000	3.5964	0.20066	0.08375	18	-0.85	2%	0
003.06	Fat, Pet Ether (%)	0425	3.4300	0.02000	3.5964	0.20066	0.08375	18	-0.83	2%	0
003.06	Fat, Pet Ether (%)	0297	3.4750	0.01000	3.5964	0.20066	0.08375	18	-0.60	2%	0
003.06	Fat, Pet Ether (%)	0563	3.4866	0.02750	3.5964	0.20066	0.08375	18	-0.55	2%	0
003.06	Fat, Pet Ether (%)	0164	3.5350	0.07000	3.5964	0.20066	0.08375	18	-0.31	1%	0
003.06	Fat, Pet Ether (%)	0148	3.5500	0.20000	3.5964	0.20066	0.08375	18	-0.23	1%	0
003.06	Fat, Pet Ether (%)	0294	3.6000	0.02000	3.5964	0.20066	0.08375	18	0.02	0%	0
003.06	Fat, Pet Ether (%)	0918	3.6100	0.02000	3.5964	0.20066	0.08375	18	0.07	0%	0
003.06	Fat, Pet Ether (%)	0910	3.6550	0.03000	3.5964	0.20066	0.08375	18	0.29	1%	0
003.06	Fat, Pet Ether (%)	0083	3.6650	0.03000	3.5964	0.20066	0.08375	18	0.34	1%	0
003.06	Fat, Pet Ether (%)	0511	3.6750	0.21000	3.5964	0.20066	0.08375	18	0.39	1%	0
003.06	Fat, Pet Ether (%)	0229	3.6900	0.04000	3.5964	0.20066	0.08375	18	0.47	1%	0
003.06	Fat, Pet Ether (%)	0849	3.7900	0.04000	3.5964	0.20066	0.08375	18	0.96	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			
003.06	Fat, Pet Ether (%)	0199	3.8100	0.10000	3.5964	0.20066	0.08375	18	1.06	3%	0
003.06	Fat, Pet Ether (%)	0689	3.8500	0.30000	3.5964	0.20066	0.08375	18	1.26	4%	0
003.06	Fat, Pet Ether (%)	0852	4.0250	0.05000	3.5964	0.20066	0.08375	18	2.14	6%	0
003.06	Fat, Pet Ether (%)	0074	3.6850	0.43000	3.5964	0.20066	0.08375	18	0.44	1%	1
003.09	Fat, Soxtec, Eth Ext (%)	0675	3.3450	0.01000	3.6370	0.12316	0.04178	17	-2.37	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0653	3.4750	0.01000	3.6370	0.12316	0.04178	17	-1.32	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	3.5000	0.06000	3.6370	0.12316	0.04178	17	-1.11	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	3.5400	0.04000	3.6370	0.12316	0.04178	17	-0.79	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	3.6000	0.00000	3.6370	0.12316	0.04178	17	-0.30	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	3.6000	0.00000	3.6370	0.12316	0.04178	17	-0.30	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	3.6000	0.12000	3.6370	0.12316	0.04178	17	-0.30	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	3.6100	0.00000	3.6370	0.12316	0.04178	17	-0.22	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	3.6200	0.02000	3.6370	0.12316	0.04178	17	-0.14	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	3.6364	0.14760	3.6370	0.12316	0.04178	17	-0.01	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	3.6700	0.00000	3.6370	0.12316	0.04178	17	0.27	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	3.6850	0.01000	3.6370	0.12316	0.04178	17	0.39	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	3.7200	0.04000	3.6370	0.12316	0.04178	17	0.67	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	3.7500	0.10000	3.6370	0.12316	0.04178	17	0.92	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	3.7742	0.05260	3.6370	0.12316	0.04178	17	1.11	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	3.7750	0.03000	3.6370	0.12316	0.04178	17	1.12	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	3.8450	0.07000	3.6370	0.12316	0.04178	17	1.69	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	3.7750	0.55000	3.6370	0.12316	0.04178	17	1.12	2%	1
003.09	Fat, Soxtec, Eth Ext (%)	0098	4.0500	0.60000	3.6370	0.12316	0.04178	17	3.35	6%	1
003.10	Fat, Soxtec, Pet Ether (%)	0062	2.8740	0.04200	3.4641	0.19364	0.08485	33	-3.05	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	3.1648	0.05100	3.4641	0.19364	0.08485	33	-1.55	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	2119	3.1950	0.01000	3.4641	0.19364	0.08485	33	-1.39	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	2068	3.2050	0.03000	3.4641	0.19364	0.08485	33	-1.34	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	3.2100	0.16000	3.4641	0.19364	0.08485	33	-1.31	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	3.2900	0.06000	3.4641	0.19364	0.08485	33	-0.90	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	3.3200	0.04000	3.4641	0.19364	0.08485	33	-0.74	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	3.3450	0.01000	3.4641	0.19364	0.08485	33	-0.62	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	3.3600	0.02000	3.4641	0.19364	0.08485	33	-0.54	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2126	3.3750	0.01000	3.4641	0.19364	0.08485	33	-0.46	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	3.3900	0.28000	3.4641	0.19364	0.08485	33	-0.38	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	3.4150	0.07000	3.4641	0.19364	0.08485	33	-0.25	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	3.4250	0.07000	3.4641	0.19364	0.08485	33	-0.20	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	3.4273	0.11930	3.4641	0.19364	0.08485	33	-0.19	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	3.4400	0.08000	3.4641	0.19364	0.08485	33	-0.12	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	3.4467	0.19560	3.4641	0.19364	0.08485	33	-0.09	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	3.4500	0.08000	3.4641	0.19364	0.08485	33	-0.07	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	3.4650	0.09000	3.4641	0.19364	0.08485	33	0.00	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0875	3.4850	0.15000	3.4641	0.19364	0.08485	33	0.11	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	
003.10	Fat, Soxtec, Pet Ether (%)	0100	3.4950	0.09000	3.4641	0.19364	0.08485	33	0.16	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	3.5100	0.06000	3.4641	0.19364	0.08485	33	0.24	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	3.5450	0.09000	3.4641	0.19364	0.08485	33	0.42	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	3.5450	0.01000	3.4641	0.19364	0.08485	33	0.42	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	3.5600	0.06000	3.4641	0.19364	0.08485	33	0.50	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	3.5850	0.17000	3.4641	0.19364	0.08485	33	0.62	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	3.6000	0.00000	3.4641	0.19364	0.08485	33	0.70	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	3.6250	0.01000	3.4641	0.19364	0.08485	33	0.83	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	3.6250	0.11000	3.4641	0.19364	0.08485	33	0.83	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	3.6500	0.30000	3.4641	0.19364	0.08485	33	0.96	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0623	3.7210	0.23800	3.4641	0.19364	0.08485	33	1.33	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	3.7920	0.00400	3.4641	0.19364	0.08485	33	1.69	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	3.8850	0.05000	3.4641	0.19364	0.08485	33	2.17	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	4.2200	0.04000	3.4641	0.19364	0.08485	33	3.90	11%	0
003.11	Fat, NIR (%)	0720	3.1300	0.02000	3.5357	0.29022	0.04667	9	-1.40	6%	0
003.11	Fat, NIR (%)	0553	3.3250	0.05000	3.5357	0.29022	0.04667	9	-0.73	3%	0
003.11	Fat, NIR (%)	0297	3.4400	0.04000	3.5357	0.29022	0.04667	9	-0.33	1%	0
003.11	Fat, NIR (%)	2120	3.4500	0.08000	3.5357	0.29022	0.04667	9	-0.30	1%	0
003.11	Fat, NIR (%)	2121	3.4750	0.05000	3.5357	0.29022	0.04667	9	-0.21	1%	0
003.11	Fat, NIR (%)	0034	3.5100	0.06000	3.5357	0.29022	0.04667	9	-0.09	0%	0
003.11	Fat, NIR (%)	0852	3.7150	0.01000	3.5357	0.29022	0.04667	9	0.62	3%	0
003.11	Fat, NIR (%)	0613	3.8050	0.07000	3.5357	0.29022	0.04667	9	0.93	4%	0
003.11	Fat, NIR (%)	0596	5.5000	0.04000	3.5357	0.29022	0.04667	9	6.77	28%	0
003.11	Fat, NIR (%)	0889	3.8300	0.22000	3.5357	0.29022	0.04667	9	1.01	4%	1
003.12	Fat, Hexane Ext (%)	0940	3.0300	0.00000	3.6950	0.72324	0.03000	3			0
003.12	Fat, Hexane Ext (%)	0171	3.5900	0.06000	3.6950	0.72324	0.03000	3			0
003.12	Fat, Hexane Ext (%)	0897	4.4650	0.03000	3.6950	0.72324	0.03000	3			0
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	3.1300	0.34000	3.6337	0.39800	0.15745	11	-1.27	7%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	3.1500	0.28000	3.6337	0.39800	0.15745	11	-1.22	7%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	3.4450	0.34200	3.6337	0.39800	0.15745	11	-0.47	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	3.5750	0.01000	3.6337	0.39800	0.15745	11	-0.15	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	3.5900	0.12000	3.6337	0.39800	0.15745	11	-0.11	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	3.6350	0.27000	3.6337	0.39800	0.15745	11	0.00	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	3.6600	0.06000	3.6337	0.39800	0.15745	11	0.07	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	3.6650	0.01000	3.6337	0.39800	0.15745	11	0.08	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	3.6700	0.10000	3.6337	0.39800	0.15745	11	0.09	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0681	4.2200	0.10000	3.6337	0.39800	0.15745	11	1.47	8%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0011	4.5200	0.10000	3.6337	0.39800	0.15745	11	2.23	12%	0
003.14	Fat, Ankom (%)	0357	2.4000	0.00000	3.5554	0.23246	0.12043	40	-4.97	16%	0
003.14	Fat, Ankom (%)	0613	2.5800	0.14000	3.5554	0.23246	0.12043	40	-4.20	14%	0
003.14	Fat, Ankom (%)	0175	3.0850	0.15000	3.5554	0.23246	0.12043	40	-2.02	7%	0
003.14	Fat, Ankom (%)	0574	3.2150	0.19000	3.5554	0.23246	0.12043	40	-1.46	5%	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	
003.14	Fat, Ankom (%)	0144	3.2550	0.11000	3.5554	0.23246	0.12043	40	-1.29	4%	0
003.14	Fat, Ankom (%)	0037	3.3500	0.08000	3.5554	0.23246	0.12043	40	-0.88	3%	0
003.14	Fat, Ankom (%)	0581	3.3650	0.09000	3.5554	0.23246	0.12043	40	-0.82	3%	0
003.14	Fat, Ankom (%)	0692	3.4000	0.20000	3.5554	0.23246	0.12043	40	-0.67	2%	0
003.14	Fat, Ankom (%)	0108	3.4000	0.32000	3.5554	0.23246	0.12043	40	-0.67	2%	0
003.14	Fat, Ankom (%)	0066	3.4400	0.08000	3.5554	0.23246	0.12043	40	-0.50	2%	0
003.14	Fat, Ankom (%)	0034	3.4500	0.10000	3.5554	0.23246	0.12043	40	-0.45	1%	0
003.14	Fat, Ankom (%)	0278	3.4500	0.10000	3.5554	0.23246	0.12043	40	-0.45	1%	0
003.14	Fat, Ankom (%)	0956	3.4500	0.10000	3.5554	0.23246	0.12043	40	-0.45	1%	0
003.14	Fat, Ankom (%)	0619	3.4550	0.07000	3.5554	0.23246	0.12043	40	-0.43	1%	0
003.14	Fat, Ankom (%)	0358	3.4700	0.10000	3.5554	0.23246	0.12043	40	-0.37	1%	0
003.14	Fat, Ankom (%)	0948	3.4750	0.11000	3.5554	0.23246	0.12043	40	-0.35	1%	0
003.14	Fat, Ankom (%)	0563	3.4866	0.02750	3.5554	0.23246	0.12043	40	-0.30	1%	0
003.14	Fat, Ankom (%)	0202	3.5050	0.07000	3.5554	0.23246	0.12043	40	-0.22	1%	0
003.14	Fat, Ankom (%)	0529	3.5050	0.09000	3.5554	0.23246	0.12043	40	-0.22	1%	0
003.14	Fat, Ankom (%)	2129	3.5050	0.17000	3.5554	0.23246	0.12043	40	-0.22	1%	0
003.14	Fat, Ankom (%)	0843	3.5500	0.14000	3.5554	0.23246	0.12043	40	-0.02	0%	0
003.14	Fat, Ankom (%)	0968	3.5570	0.08600	3.5554	0.23246	0.12043	40	0.01	0%	0
003.14	Fat, Ankom (%)	0407	3.5768	0.20220	3.5554	0.23246	0.12043	40	0.09	0%	0
003.14	Fat, Ankom (%)	0598	3.5800	0.12000	3.5554	0.23246	0.12043	40	0.11	0%	0
003.14	Fat, Ankom (%)	0848	3.6000	0.08000	3.5554	0.23246	0.12043	40	0.19	1%	0
003.14	Fat, Ankom (%)	0089	3.6100	0.00000	3.5554	0.23246	0.12043	40	0.23	1%	0
003.14	Fat, Ankom (%)	0001	3.6375	0.07700	3.5554	0.23246	0.12043	40	0.35	1%	0
003.14	Fat, Ankom (%)	0955	3.6500	0.14000	3.5554	0.23246	0.12043	40	0.41	1%	0
003.14	Fat, Ankom (%)	2075	3.6700	0.08000	3.5554	0.23246	0.12043	40	0.49	2%	0
003.14	Fat, Ankom (%)	0015	3.6950	0.01000	3.5554	0.23246	0.12043	40	0.60	2%	0
003.14	Fat, Ankom (%)	0229	3.7000	0.00000	3.5554	0.23246	0.12043	40	0.62	2%	0
003.14	Fat, Ankom (%)	0009	3.7350	0.05000	3.5554	0.23246	0.12043	40	0.77	3%	0
003.14	Fat, Ankom (%)	0049	3.7750	0.49000	3.5554	0.23246	0.12043	40	0.94	3%	0
003.14	Fat, Ankom (%)	0683	3.7950	0.11000	3.5554	0.23246	0.12043	40	1.03	3%	0
003.14	Fat, Ankom (%)	0413	3.8000	0.40000	3.5554	0.23246	0.12043	40	1.05	3%	0
003.14	Fat, Ankom (%)	0190	3.8750	0.05000	3.5554	0.23246	0.12043	40	1.37	4%	0
003.14	Fat, Ankom (%)	0265	3.9000	0.06000	3.5554	0.23246	0.12043	40	1.48	5%	0
003.14	Fat, Ankom (%)	0183	3.9152	0.34460	3.5554	0.23246	0.12043	40	1.55	5%	0
003.14	Fat, Ankom (%)	0937	3.9300	0.04000	3.5554	0.23246	0.12043	40	1.61	5%	0
003.14	Fat, Ankom (%)	0726	3.9700	0.04000	3.5554	0.23246	0.12043	40	1.78	6%	0
003.14	Fat, Ankom (%)	0019	3.4000	0.58000	3.5554	0.23246	0.12043	40	-0.67	2%	1
003.99	Fat, Miscellaneous (%)	1019	2.5500	0.30000	3.3463	0.53655	0.15400	5	-1.48	12%	0
003.99	Fat, Miscellaneous (%)	0047	3.5050	0.01000	3.3463	0.53655	0.15400	5	0.30	2%	0
003.99	Fat, Miscellaneous (%)	0016	3.6400	0.06000	3.3463	0.53655	0.15400	5	0.55	4%	0
003.99	Fat, Miscellaneous (%)	0644	3.6900	0.10000	3.3463	0.53655	0.15400	5	0.64	5%	0
003.99	Fat, Miscellaneous (%)	2110	7.1500	0.30000	3.3463	0.53655	0.15400	5	7.09	57%	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	
004.00	Fiber, Crude, Asbestos Free (%)	0884	13.050	0.10000	15.016	1.0797	0.39910	22	-1.82	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0876	13.200	0.00000	15.016	1.0797	0.39910	22	-1.68	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	13.300	0.20000	15.016	1.0797	0.39910	22	-1.59	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	14.300	0.20000	15.016	1.0797	0.39910	22	-0.66	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0596	14.335	0.01000	15.016	1.0797	0.39910	22	-0.63	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	14.350	0.10000	15.016	1.0797	0.39910	22	-0.62	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	14.383	1.6700	15.016	1.0797	0.39910	22	-0.59	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0681	14.495	0.01000	15.016	1.0797	0.39910	22	-0.48	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	14.785	0.37000	15.016	1.0797	0.39910	22	-0.21	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	14.950	0.50000	15.016	1.0797	0.39910	22	-0.06	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	15.000	0.40000	15.016	1.0797	0.39910	22	-0.01	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	15.150	0.10000	15.016	1.0797	0.39910	22	0.12	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	15.220	0.10000	15.016	1.0797	0.39910	22	0.19	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0194	15.305	0.03000	15.016	1.0797	0.39910	22	0.27	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	15.410	0.12000	15.016	1.0797	0.39910	22	0.36	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	15.522	0.30030	15.016	1.0797	0.39910	22	0.47	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	15.705	0.57000	15.016	1.0797	0.39910	22	0.64	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2119	15.860	1.7600	15.016	1.0797	0.39910	22	0.78	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	16.110	0.02000	15.016	1.0797	0.39910	22	1.01	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	16.200	0.20000	15.016	1.0797	0.39910	22	1.10	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	16.450	1.3000	15.016	1.0797	0.39910	22	1.33	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	17.580	0.72000	15.016	1.0797	0.39910	22	2.37	9%	0
004.01	Fiber, Sing Filt (%)	0366	14.700	0.60000				2			0
004.01	Fiber, Sing Filt (%)	0045	15.150	0.10000				2			0
004.03	Fiber, Fritted Glass (%)	2089	9.9000	0.16000	14.028	2.9146	0.15500	4	-1.42	15%	0
004.03	Fiber, Fritted Glass (%)	0353	14.045	0.13000	14.028	2.9146	0.15500	4	0.01	0%	0
004.03	Fiber, Fritted Glass (%)	0693	16.050	0.30000	14.028	2.9146	0.15500	4	0.69	7%	0
004.03	Fiber, Fritted Glass (%)	0626	16.115	0.03000	14.028	2.9146	0.15500	4	0.72	7%	0
004.06	Fiber, Fibertec (%)	2097	12.990	0.10710	14.968	0.54889	0.20560	23	-3.60	7%	0
004.06	Fiber, Fibertec (%)	0918	14.220	0.08000	14.968	0.54889	0.20560	23	-1.36	2%	0
004.06	Fiber, Fibertec (%)	0199	14.300	0.20000	14.968	0.54889	0.20560	23	-1.22	2%	0
004.06	Fiber, Fibertec (%)	0675	14.505	0.61000	14.968	0.54889	0.20560	23	-0.84	2%	0
004.06	Fiber, Fibertec (%)	0098	14.590	0.84000	14.968	0.54889	0.20560	23	-0.69	1%	0
004.06	Fiber, Fibertec (%)	0885	14.592	0.11820	14.968	0.54889	0.20560	23	-0.69	1%	0
004.06	Fiber, Fibertec (%)	0897	14.660	0.02000	14.968	0.54889	0.20560	23	-0.56	1%	0
004.06	Fiber, Fibertec (%)	0948	14.680	0.26000	14.968	0.54889	0.20560	23	-0.52	1%	0
004.06	Fiber, Fibertec (%)	0205	14.700	0.00000	14.968	0.54889	0.20560	23	-0.49	1%	0
004.06	Fiber, Fibertec (%)	0941	14.730	0.12000	14.968	0.54889	0.20560	23	-0.43	1%	0
004.06	Fiber, Fibertec (%)	0720	14.935	0.43000	14.968	0.54889	0.20560	23	-0.06	0%	0
004.06	Fiber, Fibertec (%)	0674	15.000	0.00000	14.968	0.54889	0.20560	23	0.06	0%	0
004.06	Fiber, Fibertec (%)	2080	15.065	0.09000	14.968	0.54889	0.20560	23	0.18	0%	0
004.06	Fiber, Fibertec (%)	0676	15.090	0.22000	14.968	0.54889	0.20560	23	0.22	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.06	Fiber, Fibertec (%)	0723	15.100	0.00000	14.968	0.54889	0.20560	23	0.24	0%	0
004.06	Fiber, Fibertec (%)	0952	15.125	0.27000	14.968	0.54889	0.20560	23	0.29	1%	0
004.06	Fiber, Fibertec (%)	0868	15.255	0.01000	14.968	0.54889	0.20560	23	0.52	1%	0
004.06	Fiber, Fibertec (%)	2068	15.340	0.12000	14.968	0.54889	0.20560	23	0.68	1%	0
004.06	Fiber, Fibertec (%)	0590	15.465	0.75000	14.968	0.54889	0.20560	23	0.91	2%	0
004.06	Fiber, Fibertec (%)	2006	15.580	0.02000	14.968	0.54889	0.20560	23	1.12	2%	0
004.06	Fiber, Fibertec (%)	0689	15.600	0.40000	14.968	0.54889	0.20560	23	1.15	2%	0
004.06	Fiber, Fibertec (%)	0722	15.944	0.01360	14.968	0.54889	0.20560	23	1.78	3%	0
004.06	Fiber, Fibertec (%)	0609	17.765	0.05000	14.968	0.54889	0.20560	23	5.10	9%	0
004.07	Fiber, ANKOM (%)	0861	12.795	0.65000	14.629	0.92744	0.26430	63	-1.98	6%	0
004.07	Fiber, ANKOM (%)	0123	12.865	0.21000	14.629	0.92744	0.26430	63	-1.90	6%	0
004.07	Fiber, ANKOM (%)	0644	12.900	0.80000	14.629	0.92744	0.26430	63	-1.86	6%	0
004.07	Fiber, ANKOM (%)	0026	13.325	0.05000	14.629	0.92744	0.26430	63	-1.41	4%	0
004.07	Fiber, ANKOM (%)	2012	13.475	0.05000	14.629	0.92744	0.26430	63	-1.24	4%	0
004.07	Fiber, ANKOM (%)	0100	13.480	0.48000	14.629	0.92744	0.26430	63	-1.24	4%	0
004.07	Fiber, ANKOM (%)	0510	13.500	0.00000	14.629	0.92744	0.26430	63	-1.22	4%	0
004.07	Fiber, ANKOM (%)	0563	13.506	0.01910	14.629	0.92744	0.26430	63	-1.21	4%	0
004.07	Fiber, ANKOM (%)	0683	13.600	0.48000	14.629	0.92744	0.26430	63	-1.11	4%	0
004.07	Fiber, ANKOM (%)	0910	13.600	0.40000	14.629	0.92744	0.26430	63	-1.11	4%	0
004.07	Fiber, ANKOM (%)	0294	13.800	0.00000	14.629	0.92744	0.26430	63	-0.89	3%	0
004.07	Fiber, ANKOM (%)	0265	13.875	0.09000	14.629	0.92744	0.26430	63	-0.81	3%	0
004.07	Fiber, ANKOM (%)	0413	13.900	0.60000	14.629	0.92744	0.26430	63	-0.79	2%	0
004.07	Fiber, ANKOM (%)	0619	13.950	0.30000	14.629	0.92744	0.26430	63	-0.73	2%	0
004.07	Fiber, ANKOM (%)	0505	13.980	0.10000	14.629	0.92744	0.26430	63	-0.70	2%	0
004.07	Fiber, ANKOM (%)	0726	14.050	0.10000	14.629	0.92744	0.26430	63	-0.62	2%	0
004.07	Fiber, ANKOM (%)	0529	14.125	0.01000	14.629	0.92744	0.26430	63	-0.54	2%	0
004.07	Fiber, ANKOM (%)	0581	14.125	0.29000	14.629	0.92744	0.26430	63	-0.54	2%	0
004.07	Fiber, ANKOM (%)	0144	14.205	0.13000	14.629	0.92744	0.26430	63	-0.46	1%	0
004.07	Fiber, ANKOM (%)	0848	14.205	0.03000	14.629	0.92744	0.26430	63	-0.46	1%	0
004.07	Fiber, ANKOM (%)	0956	14.250	0.10000	14.629	0.92744	0.26430	63	-0.41	1%	0
004.07	Fiber, ANKOM (%)	0870	14.322	0.22690	14.629	0.92744	0.26430	63	-0.33	1%	0
004.07	Fiber, ANKOM (%)	0003	14.370	0.34000	14.629	0.92744	0.26430	63	-0.28	1%	0
004.07	Fiber, ANKOM (%)	0190	14.400	0.60000	14.629	0.92744	0.26430	63	-0.25	1%	0
004.07	Fiber, ANKOM (%)	0004	14.425	0.27000	14.629	0.92744	0.26430	63	-0.22	1%	0
004.07	Fiber, ANKOM (%)	2109	14.450	0.02000	14.629	0.92744	0.26430	63	-0.19	1%	0
004.07	Fiber, ANKOM (%)	2126	14.490	0.14000	14.629	0.92744	0.26430	63	-0.15	0%	0
004.07	Fiber, ANKOM (%)	0202	14.515	0.57000	14.629	0.92744	0.26430	63	-0.12	0%	0
004.07	Fiber, ANKOM (%)	0074	14.580	0.16000	14.629	0.92744	0.26430	63	-0.05	0%	0
004.07	Fiber, ANKOM (%)	0708	14.600	0.12000	14.629	0.92744	0.26430	63	-0.03	0%	0
004.07	Fiber, ANKOM (%)	0016	14.600	0.40000	14.629	0.92744	0.26430	63	-0.03	0%	0
004.07	Fiber, ANKOM (%)	0033	14.600	0.40000	14.629	0.92744	0.26430	63	-0.03	0%	0
004.07	Fiber, ANKOM (%)	0035	14.620	0.32000	14.629	0.92744	0.26430	63	-0.01	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	
004.07	Fiber, ANKOM (%)	0098	14.645	0.19000	14.629	0.92744	0.26430	63	0.02	0%	0
004.07	Fiber, ANKOM (%)	0937	14.660	0.14000	14.629	0.92744	0.26430	63	0.03	0%	0
004.07	Fiber, ANKOM (%)	0653	14.665	0.29000	14.629	0.92744	0.26430	63	0.04	0%	0
004.07	Fiber, ANKOM (%)	0860	14.670	0.00000	14.629	0.92744	0.26430	63	0.04	0%	0
004.07	Fiber, ANKOM (%)	0948	14.685	1.2100	14.629	0.92744	0.26430	63	0.06	0%	0
004.07	Fiber, ANKOM (%)	0015	14.695	0.13000	14.629	0.92744	0.26430	63	0.07	0%	0
004.07	Fiber, ANKOM (%)	0009	14.795	0.39000	14.629	0.92744	0.26430	63	0.18	1%	0
004.07	Fiber, ANKOM (%)	0066	14.795	0.13000	14.629	0.92744	0.26430	63	0.18	1%	0
004.07	Fiber, ANKOM (%)	2053	14.800	0.00000	14.629	0.92744	0.26430	63	0.18	1%	0
004.07	Fiber, ANKOM (%)	0692	14.900	0.00000	14.629	0.92744	0.26430	63	0.29	1%	0
004.07	Fiber, ANKOM (%)	0552	14.925	0.07000	14.629	0.92744	0.26430	63	0.32	1%	0
004.07	Fiber, ANKOM (%)	0089	14.935	0.03000	14.629	0.92744	0.26430	63	0.33	1%	0
004.07	Fiber, ANKOM (%)	0083	14.950	0.30000	14.629	0.92744	0.26430	63	0.35	1%	0
004.07	Fiber, ANKOM (%)	0682	15.000	0.00000	14.629	0.92744	0.26430	63	0.40	1%	0
004.07	Fiber, ANKOM (%)	0955	15.050	0.30000	14.629	0.92744	0.26430	63	0.45	1%	0
004.07	Fiber, ANKOM (%)	0553	15.165	0.61000	14.629	0.92744	0.26430	63	0.58	2%	0
004.07	Fiber, ANKOM (%)	0300	15.240	0.49830	14.629	0.92744	0.26430	63	0.66	2%	0
004.07	Fiber, ANKOM (%)	0034	15.330	0.04000	14.629	0.92744	0.26430	63	0.76	2%	0
004.07	Fiber, ANKOM (%)	0968	15.644	0.25000	14.629	0.92744	0.26430	63	1.09	3%	0
004.07	Fiber, ANKOM (%)	0019	15.665	0.33000	14.629	0.92744	0.26430	63	1.12	4%	0
004.07	Fiber, ANKOM (%)	0297	15.740	0.28000	14.629	0.92744	0.26430	63	1.20	4%	0
004.07	Fiber, ANKOM (%)	0278	15.900	0.40000	14.629	0.92744	0.26430	63	1.37	4%	0
004.07	Fiber, ANKOM (%)	0042	16.005	0.19000	14.629	0.92744	0.26430	63	1.48	5%	0
004.07	Fiber, ANKOM (%)	0354	16.190	0.04000	14.629	0.92744	0.26430	63	1.68	5%	0
004.07	Fiber, ANKOM (%)	0242	16.285	0.15000	14.629	0.92744	0.26430	63	1.79	6%	0
004.07	Fiber, ANKOM (%)	2075	16.500	0.20000	14.629	0.92744	0.26430	63	2.02	6%	0
004.07	Fiber, ANKOM (%)	0598	16.645	0.91000	14.629	0.92744	0.26430	63	2.17	7%	0
004.07	Fiber, ANKOM (%)	0643	16.730	0.12000	14.629	0.92744	0.26430	63	2.27	7%	0
004.07	Fiber, ANKOM (%)	0229	17.550	0.80000	14.629	0.92744	0.26430	63	3.15	10%	0
004.07	Fiber, ANKOM (%)	0407	18.836	0.19690	14.629	0.92744	0.26430	63	4.54	14%	0
004.07	Fiber, ANKOM (%)	0032	16.240	2.5200	14.629	0.92744	0.26430	63	1.74	6%	1
004.07	Fiber, ANKOM (%)	0613	18.280	3.8600	14.629	0.92744	0.26430	63	3.94	12%	1
004.11	Fiber, NIR (%)	0852	9.8700	0.02000	12.519	2.2873	0.27222	9	-1.16	11%	0
004.11	Fiber, NIR (%)	0720	10.600	0.40000	12.519	2.2873	0.27222	9	-0.84	8%	0
004.11	Fiber, NIR (%)	2120	10.865	0.35000	12.519	2.2873	0.27222	9	-0.72	7%	0
004.11	Fiber, NIR (%)	2121	10.910	0.12000	12.519	2.2873	0.27222	9	-0.70	6%	0
004.11	Fiber, NIR (%)	0034	12.945	0.07000	12.519	2.2873	0.27222	9	0.19	2%	0
004.11	Fiber, NIR (%)	0553	13.095	0.93000	12.519	2.2873	0.27222	9	0.25	2%	0
004.11	Fiber, NIR (%)	0889	14.305	0.11000	12.519	2.2873	0.27222	9	0.78	7%	0
004.11	Fiber, NIR (%)	0596	14.840	0.44000	12.519	2.2873	0.27222	9	1.01	9%	0
004.11	Fiber, NIR (%)	0613	15.245	0.01000	12.519	2.2873	0.27222	9	1.19	11%	0
004.99	Fiber, Miscellaneous (%)	0940	13.570	0.04000	14.157	0.64663	0.21333	3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.99	Fiber, Miscellaneous (%)	0610	14.050	0.50000	14.157	0.64663	0.21333	3			0
004.99	Fiber, Miscellaneous (%)	0629	14.850	0.10000	14.157	0.64663	0.21333	3			0
005.00	Ash, 2h @ 600°C (%)	0042	7.2550	0.13000	7.7237	0.19668	0.06699	97	-2.38	3%	0
005.00	Ash, 2h @ 600°C (%)	0957	7.3450	0.13000	7.7237	0.19668	0.06699	97	-1.93	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.3900	0.02000	7.7237	0.19668	0.06699	97	-1.70	2%	0
005.00	Ash, 2h @ 600°C (%)	0848	7.3900	0.14000	7.7237	0.19668	0.06699	97	-1.70	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	7.4050	0.11000	7.7237	0.19668	0.06699	97	-1.62	2%	0
005.00	Ash, 2h @ 600°C (%)	0026	7.4150	0.01000	7.7237	0.19668	0.06699	97	-1.57	2%	0
005.00	Ash, 2h @ 600°C (%)	0956	7.4500	0.30000	7.7237	0.19668	0.06699	97	-1.39	2%	0
005.00	Ash, 2h @ 600°C (%)	0019	7.4650	0.13000	7.7237	0.19668	0.06699	97	-1.32	2%	0
005.00	Ash, 2h @ 600°C (%)	0049	7.4650	0.01000	7.7237	0.19668	0.06699	97	-1.32	2%	0
005.00	Ash, 2h @ 600°C (%)	0874	7.4650	0.33000	7.7237	0.19668	0.06699	97	-1.32	2%	0
005.00	Ash, 2h @ 600°C (%)	0358	7.4700	0.14000	7.7237	0.19668	0.06699	97	-1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	7.4800	0.00000	7.7237	0.19668	0.06699	97	-1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	7.5000	0.02000	7.7237	0.19668	0.06699	97	-1.14	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	7.5200	0.04000	7.7237	0.19668	0.06699	97	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	7.5300	0.04000	7.7237	0.19668	0.06699	97	-0.99	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	7.5350	0.33000	7.7237	0.19668	0.06699	97	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	7.5400	0.06000	7.7237	0.19668	0.06699	97	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	7.5450	0.09000	7.7237	0.19668	0.06699	97	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	7.5450	0.03000	7.7237	0.19668	0.06699	97	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	7.5550	0.05000	7.7237	0.19668	0.06699	97	-0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0199	7.5550	0.03000	7.7237	0.19668	0.06699	97	-0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	7.5700	0.04000	7.7237	0.19668	0.06699	97	-0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	7.5818	0.13710	7.7237	0.19668	0.06699	97	-0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0205	7.5850	0.01600	7.7237	0.19668	0.06699	97	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	2068	7.6000	0.00000	7.7237	0.19668	0.06699	97	-0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0015	7.6050	0.03000	7.7237	0.19668	0.06699	97	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	7.6150	0.19000	7.7237	0.19668	0.06699	97	-0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	2012	7.6150	0.05000	7.7237	0.19668	0.06699	97	-0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0609	7.6200	0.04000	7.7237	0.19668	0.06699	97	-0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	7.6300	0.18000	7.7237	0.19668	0.06699	97	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	7.6385	0.00670	7.7237	0.19668	0.06699	97	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	7.6400	0.16000	7.7237	0.19668	0.06699	97	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0596	7.6400	0.00000	7.7237	0.19668	0.06699	97	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0653	7.6450	0.15000	7.7237	0.19668	0.06699	97	-0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	7.6500	0.14000	7.7237	0.19668	0.06699	97	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	7.6550	0.07000	7.7237	0.19668	0.06699	97	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	7.6595	0.00300	7.7237	0.19668	0.06699	97	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	7.6650	0.03000	7.7237	0.19668	0.06699	97	-0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	7.6700	0.02000	7.7237	0.19668	0.06699	97	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	7.6700	0.04000	7.7237	0.19668	0.06699	97	-0.27	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0194	7.6750	0.03000	7.7237	0.19668	0.06699	97	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	7.6750	0.05000	7.7237	0.19668	0.06699	97	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	7.6800	0.08000	7.7237	0.19668	0.06699	97	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	7.6850	0.01000	7.7237	0.19668	0.06699	97	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	7.6890	0.07960	7.7237	0.19668	0.06699	97	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	7.6950	0.01000	7.7237	0.19668	0.06699	97	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	7.7000	0.06000	7.7237	0.19668	0.06699	97	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	7.7150	0.03000	7.7237	0.19668	0.06699	97	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	7.7250	0.13000	7.7237	0.19668	0.06699	97	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	7.7376	0.03140	7.7237	0.19668	0.06699	97	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	7.7400	0.10000	7.7237	0.19668	0.06699	97	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.7442	0.09620	7.7237	0.19668	0.06699	97	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	7.7500	0.06000	7.7237	0.19668	0.06699	97	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	7.7500	0.04000	7.7237	0.19668	0.06699	97	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	7.7600	0.02000	7.7237	0.19668	0.06699	97	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	7.7600	0.00000	7.7237	0.19668	0.06699	97	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2106	7.7700	0.02000	7.7237	0.19668	0.06699	97	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0062	7.7785	0.03500	7.7237	0.19668	0.06699	97	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0366	7.8000	0.00000	7.7237	0.19668	0.06699	97	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	7.8000	0.00000	7.7237	0.19668	0.06699	97	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	7.8000	0.04000	7.7237	0.19668	0.06699	97	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	7.8012	0.03230	7.7237	0.19668	0.06699	97	0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	7.8059	0.03810	7.7237	0.19668	0.06699	97	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	7.8100	0.00000	7.7237	0.19668	0.06699	97	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	7.8100	0.06000	7.7237	0.19668	0.06699	97	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	7.8150	0.05000	7.7237	0.19668	0.06699	97	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	7.8200	0.02000	7.7237	0.19668	0.06699	97	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0723	7.8295	0.00000	7.7237	0.19668	0.06699	97	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0615	7.8300	0.12000	7.7237	0.19668	0.06699	97	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	7.8350	0.01000	7.7237	0.19668	0.06699	97	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	7.8450	0.03000	7.7237	0.19668	0.06699	97	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	7.8500	0.00000	7.7237	0.19668	0.06699	97	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	7.8500	0.02000	7.7237	0.19668	0.06699	97	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	7.8550	0.03000	7.7237	0.19668	0.06699	97	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0183	7.8617	0.07070	7.7237	0.19668	0.06699	97	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.8650	0.15000	7.7237	0.19668	0.06699	97	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	7.8650	0.01000	7.7237	0.19668	0.06699	97	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0138	7.8685	0.04700	7.7237	0.19668	0.06699	97	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0681	7.8700	0.00000	7.7237	0.19668	0.06699	97	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	7.8767	0.04500	7.7237	0.19668	0.06699	97	0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0152	7.9000	0.00000	7.7237	0.19668	0.06699	97	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	7.9000	0.06000	7.7237	0.19668	0.06699	97	0.90	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			
005.00	Ash, 2h @ 600°C (%)	0674	7.9200	0.00000	7.7237	0.19668	0.06699	97	1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	7.9300	0.06000	7.7237	0.19668	0.06699	97	1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	1019	7.9328	0.02920	7.7237	0.19668	0.06699	97	1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	7.9600	0.00000	7.7237	0.19668	0.06699	97	1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	7.9600	0.02000	7.7237	0.19668	0.06699	97	1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	7.9908	0.01850	7.7237	0.19668	0.06699	97	1.36	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	8.0500	0.30000	7.7237	0.19668	0.06699	97	1.66	2%	0
005.00	Ash, 2h @ 600°C (%)	0297	8.0500	0.30000	7.7237	0.19668	0.06699	97	1.66	2%	0
005.00	Ash, 2h @ 600°C (%)	0852	8.0650	0.13000	7.7237	0.19668	0.06699	97	1.74	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	8.0900	0.14000	7.7237	0.19668	0.06699	97	1.86	2%	0
005.00	Ash, 2h @ 600°C (%)	0144	8.0950	0.19000	7.7237	0.19668	0.06699	97	1.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0620	8.1293	0.06950	7.7237	0.19668	0.06699	97	2.06	3%	0
005.00	Ash, 2h @ 600°C (%)	0065	8.1313	0.00250	7.7237	0.19668	0.06699	97	2.07	3%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.2000	0.00000	7.7237	0.19668	0.06699	97	2.42	3%	0
005.00	Ash, 2h @ 600°C (%)	0345	8.2800	0.08000	7.7237	0.19668	0.06699	97	2.83	4%	0
005.00	Ash, 2h @ 600°C (%)	0108	7.5600	0.36000	7.7237	0.19668	0.06699	97	-0.83	1%	1
005.00	Ash, 2h @ 600°C (%)	0623	7.7520	0.35400	7.7237	0.19668	0.06699	97	0.14	0%	1
005.05	Ash, 3h @ 550°C (%)	0692	7.0000	0.00000	7.9519	0.13995	0.03844	23	-6.80	6%	0
005.05	Ash, 3h @ 550°C (%)	0897	7.5700	0.02000	7.9519	0.13995	0.03844	23	-2.73	2%	0
005.05	Ash, 3h @ 550°C (%)	0066	7.7000	0.06000	7.9519	0.13995	0.03844	23	-1.80	2%	0
005.05	Ash, 3h @ 550°C (%)	0937	7.8200	0.02000	7.9519	0.13995	0.03844	23	-0.94	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	7.8850	0.09000	7.9519	0.13995	0.03844	23	-0.48	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	7.9000	0.00000	7.9519	0.13995	0.03844	23	-0.37	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	7.9000	0.04000	7.9519	0.13995	0.03844	23	-0.37	0%	0
005.05	Ash, 3h @ 550°C (%)	0038	7.9050	0.03000	7.9519	0.13995	0.03844	23	-0.33	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	7.9050	0.03000	7.9519	0.13995	0.03844	23	-0.33	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	7.9200	0.02000	7.9519	0.13995	0.03844	23	-0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	7.9250	0.01000	7.9519	0.13995	0.03844	23	-0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	7.9250	0.01000	7.9519	0.13995	0.03844	23	-0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	7.9415	0.06300	7.9519	0.13995	0.03844	23	-0.07	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	7.9450	0.17000	7.9519	0.13995	0.03844	23	-0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	7.9950	0.09000	7.9519	0.13995	0.03844	23	0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	8.0188	0.03110	7.9519	0.13995	0.03844	23	0.48	0%	0
005.05	Ash, 3h @ 550°C (%)	0921	8.0300	0.00000	7.9519	0.13995	0.03844	23	0.56	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	8.0500	0.10000	7.9519	0.13995	0.03844	23	0.70	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	8.0750	0.01000	7.9519	0.13995	0.03844	23	0.88	1%	0
005.05	Ash, 3h @ 550°C (%)	2126	8.1000	0.04000	7.9519	0.13995	0.03844	23	1.06	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	8.1250	0.01000	7.9519	0.13995	0.03844	23	1.24	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	8.1400	0.02000	7.9519	0.13995	0.03844	23	1.34	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	8.3400	0.02000	7.9519	0.13995	0.03844	23	2.77	2%	0
005.05	Ash, 3h @ 550°C (%)	0940	7.5400	0.24000	7.9519	0.13995	0.03844	23	-2.94	3%	1
005.11	Ash, NIR (%)	0297	4.4350	0.09000	8.5125	3.8073	0.29250	8	-1.07	24%	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			
005.11	Ash, NIR (%)	0613	6.0050	0.13000	8.5125	3.8073	0.29250	8	-0.66	15%	0
005.11	Ash, NIR (%)	0889	6.6400	0.20000	8.5125	3.8073	0.29250	8	-0.49	11%	0
005.11	Ash, NIR (%)	0596	6.7450	0.03000	8.5125	3.8073	0.29250	8	-0.46	10%	0
005.11	Ash, NIR (%)	0852	7.8100	0.08000	8.5125	3.8073	0.29250	8	-0.18	4%	0
005.11	Ash, NIR (%)	0720	9.7150	0.45000	8.5125	3.8073	0.29250	8	0.32	7%	0
005.11	Ash, NIR (%)	2120	13.115	0.45000	8.5125	3.8073	0.29250	8	1.21	27%	0
005.11	Ash, NIR (%)	2121	13.635	0.91000	8.5125	3.8073	0.29250	8	1.35	30%	0
005.99	Ash, Miscellaneous (%)	0202	7.4550	0.05000	7.9390	0.26082	0.04783	11	-1.86	3%	0
005.99	Ash, Miscellaneous (%)	0574	7.5750	0.01000	7.9390	0.26082	0.04783	11	-1.40	2%	0
005.99	Ash, Miscellaneous (%)	0662	7.8165	0.00610	7.9390	0.26082	0.04783	11	-0.47	1%	0
005.99	Ash, Miscellaneous (%)	0613	7.8600	0.06000	7.9390	0.26082	0.04783	11	-0.30	0%	0
005.99	Ash, Miscellaneous (%)	0629	7.9400	0.08000	7.9390	0.26082	0.04783	11	0.00	0%	0
005.99	Ash, Miscellaneous (%)	0884	7.9500	0.10000	7.9390	0.26082	0.04783	11	0.04	0%	0
005.99	Ash, Miscellaneous (%)	0644	8.0250	0.03000	7.9390	0.26082	0.04783	11	0.33	1%	0
005.99	Ash, Miscellaneous (%)	2080	8.0650	0.05000	7.9390	0.26082	0.04783	11	0.48	1%	0
005.99	Ash, Miscellaneous (%)	2004	8.1050	0.03000	7.9390	0.26082	0.04783	11	0.64	1%	0
005.99	Ash, Miscellaneous (%)	0652	8.1500	0.10000	7.9390	0.26082	0.04783	11	0.81	1%	0
005.99	Ash, Miscellaneous (%)	0676	8.2950	0.01000	7.9390	0.26082	0.04783	11	1.36	2%	0
005.99	Ash, Miscellaneous (%)	0728	7.5600	0.38000	7.9390	0.26082	0.04783	11	-1.45	2%	1
006.00	Total sugars, As sucrose (%)	0939	3.4700	0.06000				1			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	4.1000	0.20000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	4.7700	0.58000				2			0
006.05	Total sugars, TSI, Lane-Eunon (12th) (%)	0045	5.4100	0.32000				1			0
006.99	Total sugars, Miscellaneous (%)	2004	2.6050	0.19000	4.3133	1.5414	0.47333	3			0
006.99	Total sugars, Miscellaneous (%)	0720	4.7350	0.03000	4.3133	1.5414	0.47333	3			0
006.99	Total sugars, Miscellaneous (%)	0956	5.6000	1.2000	4.3133	1.5414	0.47333	3			0
008.02	Fiber, Acid Detergent (%)	2129	18.420	0.12000	20.150	0.75332	0.25141	14	-2.30	4%	0
008.02	Fiber, Acid Detergent (%)	0208	19.550	0.50000	20.150	0.75332	0.25141	14	-0.80	1%	0
008.02	Fiber, Acid Detergent (%)	0939	19.640	0.40000	20.150	0.75332	0.25141	14	-0.68	1%	0
008.02	Fiber, Acid Detergent (%)	0226	19.700	0.20000	20.150	0.75332	0.25141	14	-0.60	1%	0
008.02	Fiber, Acid Detergent (%)	0309	19.770	0.05980	20.150	0.75332	0.25141	14	-0.50	1%	0
008.02	Fiber, Acid Detergent (%)	0098	19.860	0.62000	20.150	0.75332	0.25141	14	-0.38	1%	0
008.02	Fiber, Acid Detergent (%)	0148	19.905	0.11000	20.150	0.75332	0.25141	14	-0.32	1%	0
008.02	Fiber, Acid Detergent (%)	0353	19.955	0.29000	20.150	0.75332	0.25141	14	-0.26	0%	0
008.02	Fiber, Acid Detergent (%)	0948	20.235	0.45000	20.150	0.75332	0.25141	14	0.11	0%	0
008.02	Fiber, Acid Detergent (%)	0728	20.465	0.05000	20.150	0.75332	0.25141	14	0.42	1%	0
008.02	Fiber, Acid Detergent (%)	0675	20.655	0.13000	20.150	0.75332	0.25141	14	0.67	1%	0
008.02	Fiber, Acid Detergent (%)	0187	20.780	0.02000	20.150	0.75332	0.25141	14	0.84	2%	0
008.02	Fiber, Acid Detergent (%)	0504	22.115	0.47000	20.150	0.75332	0.25141	14	2.61	5%	0
008.02	Fiber, Acid Detergent (%)	0609	26.730	0.10000	20.150	0.75332	0.25141	14	8.74	16%	0
008.02	Fiber, Acid Detergent (%)	2119	30.340	1.4200	20.150	0.75332	0.25141	14	13.53	25%	1
008.05	Fiber, Acid Detergent-Hach (%)	0265	19.650	0.30000				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	
008.08	Fiber, Acid Detergent, ANKOM (%)	0563	15.659	0.15890	19.065	1.3989	0.39406	42	-2.43	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	17.050	0.50000	19.065	1.3989	0.39406	42	-1.44	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	17.050	0.50000	19.065	1.3989	0.39406	42	-1.44	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	17.210	0.10000	19.065	1.3989	0.39406	42	-1.33	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	17.310	1.0200	19.065	1.3989	0.39406	42	-1.25	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0015	17.450	0.62000	19.065	1.3989	0.39406	42	-1.15	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	17.675	0.53000	19.065	1.3989	0.39406	42	-0.99	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	17.800	0.20000	19.065	1.3989	0.39406	42	-0.90	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	18.000	0.40000	19.065	1.3989	0.39406	42	-0.76	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	18.064	1.0547	19.065	1.3989	0.39406	42	-0.72	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	18.120	0.16400	19.065	1.3989	0.39406	42	-0.68	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0016	18.150	0.10000	19.065	1.3989	0.39406	42	-0.65	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	18.285	1.0100	19.065	1.3989	0.39406	42	-0.56	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	18.500	0.20000	19.065	1.3989	0.39406	42	-0.40	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	18.520	0.14000	19.065	1.3989	0.39406	42	-0.39	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0653	18.625	0.03000	19.065	1.3989	0.39406	42	-0.31	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	18.640	0.12000	19.065	1.3989	0.39406	42	-0.30	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0937	18.665	0.01000	19.065	1.3989	0.39406	42	-0.29	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0860	18.680	0.00000	19.065	1.3989	0.39406	42	-0.28	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	18.730	0.34000	19.065	1.3989	0.39406	42	-0.24	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	18.900	0.00000	19.065	1.3989	0.39406	42	-0.12	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	19.090	0.26000	19.065	1.3989	0.39406	42	0.02	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	19.183	1.3008	19.065	1.3989	0.39406	42	0.08	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	19.350	0.68000	19.065	1.3989	0.39406	42	0.20	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	19.380	0.06000	19.065	1.3989	0.39406	42	0.22	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	19.405	1.7500	19.065	1.3989	0.39406	42	0.24	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0848	19.435	0.13000	19.065	1.3989	0.39406	42	0.26	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	19.660	0.04000	19.065	1.3989	0.39406	42	0.43	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	19.695	0.03000	19.065	1.3989	0.39406	42	0.45	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	19.950	0.50000	19.065	1.3989	0.39406	42	0.63	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	20.100	0.00000	19.065	1.3989	0.39406	42	0.74	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	20.180	0.06000	19.065	1.3989	0.39406	42	0.80	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	20.300	0.42000	19.065	1.3989	0.39406	42	0.88	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	20.550	0.08000	19.065	1.3989	0.39406	42	1.06	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	20.556	0.62200	19.065	1.3989	0.39406	42	1.07	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	20.600	1.4000	19.065	1.3989	0.39406	42	1.10	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	20.610	0.82000	19.065	1.3989	0.39406	42	1.10	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	20.700	0.10000	19.065	1.3989	0.39406	42	1.17	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	20.700	0.20000	19.065	1.3989	0.39406	42	1.17	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	20.850	0.50000	19.065	1.3989	0.39406	42	1.28	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	20.900	0.00000	19.065	1.3989	0.39406	42	1.31	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	21.400	0.40000	19.065	1.3989	0.39406	42	1.67	6%	0

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008.08	Fiber, Acid Detergent, ANKOM (%)	0613	20.775	2.4100	19.065	1.3989	0.39406	42	1.22	4%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	17.190	0.12000	19.330	0.76981	0.26500	6	-2.78	6%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0723	19.160	0.00000	19.330	0.76981	0.26500	6	-0.22	0%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0610	19.300	0.40000	19.330	0.76981	0.26500	6	-0.04	0%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0613	19.390	0.74000	19.330	0.76981	0.26500	6	0.08	0%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0035	19.755	0.13000	19.330	0.76981	0.26500	6	0.55	1%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	20.200	0.20000	19.330	0.76981	0.26500	6	1.13	2%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	35.960	1.0600				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	33.200	1.0000	35.238	1.8090	0.35096	7	-1.13	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	34.035	0.39000	35.238	1.8090	0.35096	7	-0.66	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	34.375	0.05000	35.238	1.8090	0.35096	7	-0.48	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	35.185	0.49000	35.238	1.8090	0.35096	7	-0.03	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	35.450	0.30000	35.238	1.8090	0.35096	7	0.12	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	36.468	0.08670	35.238	1.8090	0.35096	7	0.68	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	41.270	0.14000	35.238	1.8090	0.35096	7	3.33	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	29.400	0.00000	33.297	2.0475	0.47672	35	-1.90	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	30.125	0.03000	33.297	2.0475	0.47672	35	-1.55	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	30.150	0.30000	33.297	2.0475	0.47672	35	-1.54	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	30.550	0.70000	33.297	2.0475	0.47672	35	-1.34	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	30.670	0.60000	33.297	2.0475	0.47672	35	-1.28	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	30.800	0.20000	33.297	2.0475	0.47672	35	-1.22	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	31.230	0.30000	33.297	2.0475	0.47672	35	-1.01	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0563	31.386	0.06660	33.297	2.0475	0.47672	35	-0.93	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	31.885	0.17000	33.297	2.0475	0.47672	35	-0.69	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	32.350	1.3000	33.297	2.0475	0.47672	35	-0.46	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	32.400	1.4000	33.297	2.0475	0.47672	35	-0.44	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	32.435	0.01000	33.297	2.0475	0.47672	35	-0.42	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	32.690	0.58000	33.297	2.0475	0.47672	35	-0.30	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	33.085	0.09000	33.297	2.0475	0.47672	35	-0.10	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	33.125	0.05000	33.297	2.0475	0.47672	35	-0.08	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	33.352	0.61970	33.297	2.0475	0.47672	35	0.03	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	33.495	0.58600	33.297	2.0475	0.47672	35	0.10	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	33.613	0.03190	33.297	2.0475	0.47672	35	0.15	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	33.700	0.40000	33.297	2.0475	0.47672	35	0.20	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	33.800	0.60000	33.297	2.0475	0.47672	35	0.25	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	34.050	0.52000	33.297	2.0475	0.47672	35	0.37	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	34.080	0.82000	33.297	2.0475	0.47672	35	0.38	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	34.245	0.13000	33.297	2.0475	0.47672	35	0.46	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	34.300	0.60000	33.297	2.0475	0.47672	35	0.49	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0015	34.380	0.24000	33.297	2.0475	0.47672	35	0.53	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	34.500	0.40000	33.297	2.0475	0.47672	35	0.59	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	34.650	0.50000	33.297	2.0475	0.47672	35	0.66	2%	0

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009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	34.700	1.2000	33.297	2.0475	0.47672	35	0.69	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	34.750	0.10000	33.297	2.0475	0.47672	35	0.71	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	35.240	1.0400	33.297	2.0475	0.47672	35	0.95	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	35.495	0.59000	33.297	2.0475	0.47672	35	1.07	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0653	35.620	0.28000	33.297	2.0475	0.47672	35	1.13	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	35.760	0.36000	33.297	2.0475	0.47672	35	1.20	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	36.014	1.7010	33.297	2.0475	0.47672	35	1.33	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0848	37.505	0.17000	33.297	2.0475	0.47672	35	2.06	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	32.930	2.3200	33.297	2.0475	0.47672	35	-0.18	1%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	26.435	0.25000	32.635	4.8363	0.60800	5	-1.28	9%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	31.705	0.03000	32.635	4.8363	0.60800	5	-0.19	1%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	34.550	0.06000	32.635	4.8363	0.60800	5	0.40	3%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	36.430	2.7000	32.635	4.8363	0.60800	5	0.78	6%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0723	37.850	0.00000	32.635	4.8363	0.60800	5	1.08	8%	0
010.03	Moisture, Karl-Fischer (%)	0843	7.6250	0.13000	7.6333	0.00764	0.14000	3			0
010.03	Moisture, Karl-Fischer (%)	0164	7.6350	0.25000	7.6333	0.00764	0.14000	3			0
010.03	Moisture, Karl-Fischer (%)	0208	7.6400	0.04000	7.6333	0.00764	0.14000	3			0
010.11	Moisture, NIR (%)	0553	6.9550	0.07000	7.7995	0.61476	0.07429	7	-1.37	5%	0
010.11	Moisture, NIR (%)	0596	7.4550	0.09000	7.7995	0.61476	0.07429	7	-0.56	2%	0
010.11	Moisture, NIR (%)	2121	7.7100	0.14000	7.7995	0.61476	0.07429	7	-0.15	1%	0
010.11	Moisture, NIR (%)	2120	7.8300	0.04000	7.7995	0.61476	0.07429	7	0.05	0%	0
010.11	Moisture, NIR (%)	0889	7.8650	0.11000	7.7995	0.61476	0.07429	7	0.11	0%	0
010.11	Moisture, NIR (%)	0720	8.0600	0.02000	7.7995	0.61476	0.07429	7	0.42	2%	0
010.11	Moisture, NIR (%)	0852	10.045	0.05000	7.7995	0.61476	0.07429	7	3.65	14%	0
010.99	Moisture, Miscellaneous (%)	0028	6.7400	0.10000	7.6282	0.36683	0.12675	23	-2.42	6%	0
010.99	Moisture, Miscellaneous (%)	0168	7.1450	0.07000	7.6282	0.36683	0.12675	23	-1.32	3%	0
010.99	Moisture, Miscellaneous (%)	0722	7.2111	0.04530	7.6282	0.36683	0.12675	23	-1.14	3%	0
010.99	Moisture, Miscellaneous (%)	0405	7.3350	0.07000	7.6282	0.36683	0.12675	23	-0.80	2%	0
010.99	Moisture, Miscellaneous (%)	2004	7.3450	0.07000	7.6282	0.36683	0.12675	23	-0.77	2%	0
010.99	Moisture, Miscellaneous (%)	2051	7.3500	0.50000	7.6282	0.36683	0.12675	23	-0.76	2%	0
010.99	Moisture, Miscellaneous (%)	2129	7.3950	0.11000	7.6282	0.36683	0.12675	23	-0.64	2%	0
010.99	Moisture, Miscellaneous (%)	0019	7.4500	0.34000	7.6282	0.36683	0.12675	23	-0.49	1%	0
010.99	Moisture, Miscellaneous (%)	0948	7.5250	0.13000	7.6282	0.36683	0.12675	23	-0.28	1%	0
010.99	Moisture, Miscellaneous (%)	0692	7.5800	0.40000	7.6282	0.36683	0.12675	23	-0.13	0%	0
010.99	Moisture, Miscellaneous (%)	0884	7.6000	0.00000	7.6282	0.36683	0.12675	23	-0.08	0%	0
010.99	Moisture, Miscellaneous (%)	0910	7.6000	0.00000	7.6282	0.36683	0.12675	23	-0.08	0%	0
010.99	Moisture, Miscellaneous (%)	0952	7.6050	0.15000	7.6282	0.36683	0.12675	23	-0.06	0%	0
010.99	Moisture, Miscellaneous (%)	0917	7.6500	0.10000	7.6282	0.36683	0.12675	23	0.06	0%	0
010.99	Moisture, Miscellaneous (%)	2119	7.6800	0.04000	7.6282	0.36683	0.12675	23	0.14	0%	0
010.99	Moisture, Miscellaneous (%)	0939	7.7550	0.01000	7.6282	0.36683	0.12675	23	0.35	1%	0
010.99	Moisture, Miscellaneous (%)	2043	7.7950	0.01000	7.6282	0.36683	0.12675	23	0.45	1%	0
010.99	Moisture, Miscellaneous (%)	0190	7.8950	0.17000	7.6282	0.36683	0.12675	23	0.73	2%	0

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010.99	Moisture, Miscellaneous (%)	0726	7.9500	0.04000	7.6282	0.36683	0.12675	23	0.88	2%	0
010.99	Moisture, Miscellaneous (%)	2089	7.9700	0.08000	7.6282	0.36683	0.12675	23	0.93	2%	0
010.99	Moisture, Miscellaneous (%)	2105	8.2600	0.30000	7.6282	0.36683	0.12675	23	1.72	4%	0
010.99	Moisture, Miscellaneous (%)	2127	8.3750	0.01000	7.6282	0.36683	0.12675	23	2.04	5%	0
010.99	Moisture, Miscellaneous (%)	2066	8.9450	0.17000	7.6282	0.36683	0.12675	23	3.59	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	6.8277	0.14700	8.3445	0.28899	0.09457	75	-5.25	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	7.3000	0.24000	8.3445	0.28899	0.09457	75	-3.61	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	7.5500	0.30000	8.3445	0.28899	0.09457	75	-2.75	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	7.6382	0.00790	8.3445	0.28899	0.09457	75	-2.44	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	7.6650	0.11000	8.3445	0.28899	0.09457	75	-2.35	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	7.6700	0.12000	8.3445	0.28899	0.09457	75	-2.33	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	7.6750	0.05000	8.3445	0.28899	0.09457	75	-2.32	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	7.7300	0.02000	8.3445	0.28899	0.09457	75	-2.13	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	7.8705	0.04100	8.3445	0.28899	0.09457	75	-1.64	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	7.9800	0.14000	8.3445	0.28899	0.09457	75	-1.26	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	8.0417	0.00000	8.3445	0.28899	0.09457	75	-1.05	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	8.0700	0.12000	8.3445	0.28899	0.09457	75	-0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	8.0796	0.01850	8.3445	0.28899	0.09457	75	-0.92	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.1100	0.00000	8.3445	0.28899	0.09457	75	-0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.1150	0.13000	8.3445	0.28899	0.09457	75	-0.79	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0860	8.1300	0.00000	8.3445	0.28899	0.09457	75	-0.74	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	8.1550	0.01000	8.3445	0.28899	0.09457	75	-0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	8.1800	0.04000	8.3445	0.28899	0.09457	75	-0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	8.2000	0.00000	8.3445	0.28899	0.09457	75	-0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	8.2000	0.02000	8.3445	0.28899	0.09457	75	-0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	8.2050	0.31000	8.3445	0.28899	0.09457	75	-0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	8.2147	0.03760	8.3445	0.28899	0.09457	75	-0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	8.2150	0.01000	8.3445	0.28899	0.09457	75	-0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	8.2150	0.01000	8.3445	0.28899	0.09457	75	-0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	8.2151	0.11490	8.3445	0.28899	0.09457	75	-0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	8.2200	0.02000	8.3445	0.28899	0.09457	75	-0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	8.2450	0.12590	8.3445	0.28899	0.09457	75	-0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	8.2600	0.00000	8.3445	0.28899	0.09457	75	-0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	8.2650	0.09000	8.3445	0.28899	0.09457	75	-0.28	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	8.2800	0.20000	8.3445	0.28899	0.09457	75	-0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	8.2850	0.11000	8.3445	0.28899	0.09457	75	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0194	8.2850	0.03000	8.3445	0.28899	0.09457	75	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	8.2850	0.13000	8.3445	0.28899	0.09457	75	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	8.2900	0.02000	8.3445	0.28899	0.09457	75	-0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	8.3200	0.00000	8.3445	0.28899	0.09457	75	-0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	8.3250	0.19000	8.3445	0.28899	0.09457	75	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	8.3345	0.02500	8.3445	0.28899	0.09457	75	-0.03	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0354	8.3550	0.01000	8.3445	0.28899	0.09457	75	0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.3550	0.01000	8.3445	0.28899	0.09457	75	0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	8.3700	0.02000	8.3445	0.28899	0.09457	75	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	8.3700	0.24000	8.3445	0.28899	0.09457	75	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	8.3850	0.11000	8.3445	0.28899	0.09457	75	0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	8.3865	0.07100	8.3445	0.28899	0.09457	75	0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	8.3942	0.02590	8.3445	0.28899	0.09457	75	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	8.3950	0.07000	8.3445	0.28899	0.09457	75	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.4200	0.02000	8.3445	0.28899	0.09457	75	0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2095	8.4250	0.15000	8.3445	0.28899	0.09457	75	0.28	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	8.4450	0.31000	8.3445	0.28899	0.09457	75	0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	8.4750	0.03000	8.3445	0.28899	0.09457	75	0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	8.4800	0.42000	8.3445	0.28899	0.09457	75	0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	8.4850	0.11000	8.3445	0.28899	0.09457	75	0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	8.4950	0.15000	8.3445	0.28899	0.09457	75	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	8.5065	0.06900	8.3445	0.28899	0.09457	75	0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	8.5180	0.05000	8.3445	0.28899	0.09457	75	0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	8.5200	0.18000	8.3445	0.28899	0.09457	75	0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	8.5300	0.16000	8.3445	0.28899	0.09457	75	0.64	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	8.5405	0.00900	8.3445	0.28899	0.09457	75	0.68	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	8.5450	0.09000	8.3445	0.28899	0.09457	75	0.69	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	8.5500	0.28600	8.3445	0.28899	0.09457	75	0.71	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	8.5600	0.06000	8.3445	0.28899	0.09457	75	0.75	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	8.5650	0.57000	8.3445	0.28899	0.09457	75	0.76	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	8.5700	0.04000	8.3445	0.28899	0.09457	75	0.78	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	8.6000	0.02000	8.3445	0.28899	0.09457	75	0.88	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	8.6100	0.00000	8.3445	0.28899	0.09457	75	0.92	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	8.6200	0.16000	8.3445	0.28899	0.09457	75	0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	8.6350	0.15000	8.3445	0.28899	0.09457	75	1.01	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	8.6400	0.02000	8.3445	0.28899	0.09457	75	1.02	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	8.7250	0.01000	8.3445	0.28899	0.09457	75	1.32	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	8.7930	0.06400	8.3445	0.28899	0.09457	75	1.55	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	8.8000	0.00000	8.3445	0.28899	0.09457	75	1.58	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	8.8300	0.08000	8.3445	0.28899	0.09457	75	1.68	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	8.8500	0.10000	8.3445	0.28899	0.09457	75	1.75	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	8.9000	0.20000	8.3445	0.28899	0.09457	75	1.92	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.9000	0.00000	8.3445	0.28899	0.09457	75	1.92	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	8.9550	0.09000	8.3445	0.28899	0.09457	75	2.11	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	9.3750	1.9100	8.3445	0.28899	0.09457	75	3.57	6%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	8.0600	0.22000				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	8.2400	0.02000				2			0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0681	7.2800	0.26000				1			0

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011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	7.9200	0.08000	8.1417	0.01443	0.11750	4	-15.36	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	8.1250	0.23000	8.1417	0.01443	0.11750	4	-1.15	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	8.1500	0.10000	8.1417	0.01443	0.11750	4	0.58	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	8.1500	0.06000	8.1417	0.01443	0.11750	4	0.58	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	15.770	0.00000	16.425	0.44819	0.08000	8	-1.46	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	15.940	0.04000	16.425	0.44819	0.08000	8	-1.08	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	16.385	0.05000	16.425	0.44819	0.08000	8	-0.09	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	16.400	0.00000	16.425	0.44819	0.08000	8	-0.05	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	16.575	0.33000	16.425	0.44819	0.08000	8	0.34	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	16.630	0.22000	16.425	0.44819	0.08000	8	0.46	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	16.800	0.00000	16.425	0.44819	0.08000	8	0.84	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	16.896	0.00000	16.425	0.44819	0.08000	8	1.05	1%	0
012.01	Starch, Megazyme (%)	0918	8.9785	1.0230	14.109	0.89739	0.49600	8	-5.72	18%	0
012.01	Starch, Megazyme (%)	0613	13.025	0.21000	14.109	0.89739	0.49600	8	-1.21	4%	0
012.01	Starch, Megazyme (%)	2004	14.000	0.20000	14.109	0.89739	0.49600	8	-0.12	0%	0
012.01	Starch, Megazyme (%)	0956	14.500	0.80000	14.109	0.89739	0.49600	8	0.44	1%	0
012.01	Starch, Megazyme (%)	0265	14.550	0.50000	14.109	0.89739	0.49600	8	0.49	2%	0
012.01	Starch, Megazyme (%)	0870	14.550	0.84500	14.109	0.89739	0.49600	8	0.49	2%	0
012.01	Starch, Megazyme (%)	0045	14.600	0.20000	14.109	0.89739	0.49600	8	0.55	2%	0
012.01	Starch, Megazyme (%)	0676	14.885	0.19000	14.109	0.89739	0.49600	8	0.86	3%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	17.925	0.47000				1			0
012.03	Starch, Enzymatic (%)	0098	13.900	0.80000	14.740	0.61364	0.41175	4	-1.37	3%	0
012.03	Starch, Enzymatic (%)	0297	14.725	0.37000	14.740	0.61364	0.41175	4	-0.02	0%	0
012.03	Starch, Enzymatic (%)	0889	14.995	0.03000	14.740	0.61364	0.41175	4	0.42	1%	0
012.03	Starch, Enzymatic (%)	0407	15.339	0.44700	14.740	0.61364	0.41175	4	0.98	2%	0
012.04	Starch, YSI Analyzer (%)	0160	13.245	0.39000	14.318	0.66425	0.19600	5	-1.62	4%	0
012.04	Starch, YSI Analyzer (%)	0278	14.100	0.20000	14.318	0.66425	0.19600	5	-0.33	1%	0
012.04	Starch, YSI Analyzer (%)	0353	14.675	0.13000	14.318	0.66425	0.19600	5	0.54	1%	0
012.04	Starch, YSI Analyzer (%)	0510	14.750	0.10000	14.318	0.66425	0.19600	5	0.65	2%	0
012.04	Starch, YSI Analyzer (%)	0948	14.820	0.16000	14.318	0.66425	0.19600	5	0.76	2%	0
012.11	Starch, NIR (%)	0720	12.775	0.09000	17.213	4.3973	0.32167	6	-1.01	13%	0
012.11	Starch, NIR (%)	0297	15.025	0.01000	17.213	4.3973	0.32167	6	-0.50	6%	0
012.11	Starch, NIR (%)	0889	15.260	0.60000	17.213	4.3973	0.32167	6	-0.44	6%	0
012.11	Starch, NIR (%)	0596	16.300	0.60000	17.213	4.3973	0.32167	6	-0.21	3%	0
012.11	Starch, NIR (%)	0613	21.240	0.50000	17.213	4.3973	0.32167	6	0.92	12%	0
012.11	Starch, NIR (%)	0852	22.675	0.13000	17.213	4.3973	0.32167	6	1.24	16%	0
013.00	Fat, Acid hydrolysis (%)	0555	3.8500	0.10000	4.4060	0.34357	0.13231	19	-1.62	6%	0
013.00	Fat, Acid hydrolysis (%)	0083	4.0050	0.03000	4.4060	0.34357	0.13231	19	-1.17	5%	0
013.00	Fat, Acid hydrolysis (%)	0689	4.1000	0.20000	4.4060	0.34357	0.13231	19	-0.89	3%	0
013.00	Fat, Acid hydrolysis (%)	0242	4.1100	0.02000	4.4060	0.34357	0.13231	19	-0.86	3%	0
013.00	Fat, Acid hydrolysis (%)	0884	4.2000	0.40000	4.4060	0.34357	0.13231	19	-0.60	2%	0
013.00	Fat, Acid hydrolysis (%)	0948	4.2150	0.03000	4.4060	0.34357	0.13231	19	-0.56	2%	0

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013.00	Fat, Acid hydrolysis (%)	0297	4.2620	0.02400	4.4060	0.34357	0.13231	19	-0.42	2%	0
013.00	Fat, Acid hydrolysis (%)	0681	4.3100	0.10000	4.4060	0.34357	0.13231	19	-0.28	1%	0
013.00	Fat, Acid hydrolysis (%)	0910	4.3650	0.19000	4.4060	0.34357	0.13231	19	-0.12	0%	0
013.00	Fat, Acid hydrolysis (%)	2004	4.4000	0.00000	4.4060	0.34357	0.13231	19	-0.02	0%	0
013.00	Fat, Acid hydrolysis (%)	0541	4.4050	0.43000	4.4060	0.34357	0.13231	19	0.00	0%	0
013.00	Fat, Acid hydrolysis (%)	0229	4.4450	0.05000	4.4060	0.34357	0.13231	19	0.11	0%	0
013.00	Fat, Acid hydrolysis (%)	0139	4.4500	0.06000	4.4060	0.34357	0.13231	19	0.13	0%	0
013.00	Fat, Acid hydrolysis (%)	2080	4.4900	0.02000	4.4060	0.34357	0.13231	19	0.24	1%	0
013.00	Fat, Acid hydrolysis (%)	0504	4.5950	0.29000	4.4060	0.34357	0.13231	19	0.55	2%	0
013.00	Fat, Acid hydrolysis (%)	0309	4.7076	0.27980	4.4060	0.34357	0.13231	19	0.88	3%	0
013.00	Fat, Acid hydrolysis (%)	2057	5.0000	0.06000	4.4060	0.34357	0.13231	19	1.73	7%	0
013.00	Fat, Acid hydrolysis (%)	0202	5.4550	0.17000	4.4060	0.34357	0.13231	19	3.05	12%	0
013.00	Fat, Acid hydrolysis (%)	2076	5.6800	0.06000	4.4060	0.34357	0.13231	19	3.71	14%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	3.9400	0.30000	4.7108	0.48092	0.22722	18	-1.60	8%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	4.1500	0.26000	4.7108	0.48092	0.22722	18	-1.17	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	4.2200	0.14000	4.7108	0.48092	0.22722	18	-1.02	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	4.2400	0.08000	4.7108	0.48092	0.22722	18	-0.98	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	4.4650	0.43000	4.7108	0.48092	0.22722	18	-0.51	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	4.4750	0.09000	4.7108	0.48092	0.22722	18	-0.49	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	4.5550	0.51000	4.7108	0.48092	0.22722	18	-0.32	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	4.5850	0.47000	4.7108	0.48092	0.22722	18	-0.26	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	4.6150	0.05000	4.7108	0.48092	0.22722	18	-0.20	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	4.6350	0.45000	4.7108	0.48092	0.22722	18	-0.16	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	4.8900	0.44000	4.7108	0.48092	0.22722	18	0.37	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	4.9050	0.09000	4.7108	0.48092	0.22722	18	0.40	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	4.9300	0.08000	4.7108	0.48092	0.22722	18	0.46	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	4.9800	0.02000	4.7108	0.48092	0.22722	18	0.56	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	5.0900	0.00000	4.7108	0.48092	0.22722	18	0.79	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	5.3100	0.14000	4.7108	0.48092	0.22722	18	1.25	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	5.3700	0.46000	4.7108	0.48092	0.22722	18	1.37	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	5.3900	0.08000	4.7108	0.48092	0.22722	18	1.41	7%	0
013.08	Fat, Roese-Gottlieb Modified (%)	0618	3.3150	0.01000				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	3.5700	0.20000	4.2123	0.65932	0.12450	7	-0.97	8%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	3.6749	0.06150	4.2123	0.65932	0.12450	7	-0.82	6%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2095	3.9250	0.35000	4.2123	0.65932	0.12450	7	-0.44	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	4.0200	0.14000	4.2123	0.65932	0.12450	7	-0.29	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	4.5000	0.00000	4.2123	0.65932	0.12450	7	0.44	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	4.5950	0.03000	4.2123	0.65932	0.12450	7	0.58	5%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	5.3450	0.09000	4.2123	0.65932	0.12450	7	1.72	13%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	4.0930	0.13400	5.2536	1.3020	0.46880	5	-0.89	11%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	4.6600	0.90000	5.2536	1.3020	0.46880	5	-0.46	6%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	4.6850	0.03000	5.2536	1.3020	0.46880	5	-0.44	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			
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	5.4000	0.60000	5.2536	1.3020	0.46880	5	0.11	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	7.4300	0.68000	5.2536	1.3020	0.46880	5	1.67	21%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	60.295	14.590	78.915	7.7067	4.9930	4	-2.42	12%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	72.594	4.0820	78.915	7.7067	4.9930	4	-0.82	4%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	76.650	0.30000	78.915	7.7067	4.9930	4	-0.29	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	87.500	1.0000	78.915	7.7067	4.9930	4	1.11	5%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	80.250	6.9000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	54.500	3.0000	71.955	14.624	1.9460	5	-1.19	12%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	63.500	1.0000	71.955	14.624	1.9460	5	-0.58	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	69.875	0.33000	71.955	14.624	1.9460	5	-0.14	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	79.500	1.0000	71.955	14.624	1.9460	5	0.52	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	92.400	4.4000	71.955	14.624	1.9460	5	1.40	14%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	105.50	23.000	71.955	14.624	1.9460	5	2.29	23%	1
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	97.400	2.4000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	11.270	0.28000	13.165	1.6706	0.65500	4	-1.13	7%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	13.115	1.9700	13.165	1.6706	0.65500	4	-0.03	0%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	13.800	0.34000	13.165	1.6706	0.65500	4	0.38	2%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	14.425	0.03000	13.165	1.6706	0.65500	4	0.75	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	11.010	0.10000	12.650	1.6343	1.0840	5	-1.00	6%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	11.550	1.9000	12.650	1.6343	1.0840	5	-0.67	4%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	12.000	0.00000	12.650	1.6343	1.0840	5	-0.40	3%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	13.790	0.02000	12.650	1.6343	1.0840	5	0.70	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0037	14.900	3.4000	12.650	1.6343	1.0840	5	1.38	9%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	5.0000	0.00000	12.573	5.3671	0.83357	7	-1.41	30%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	10.450	0.50000	12.573	5.3671	0.83357	7	-0.40	8%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	11.370	0.70000	12.573	5.3671	0.83357	7	-0.22	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	12.000	0.00000	12.573	5.3671	0.83357	7	-0.11	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0168	14.069	2.9220	12.573	5.3671	0.83357	7	0.28	6%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	14.500	1.0000	12.573	5.3671	0.83357	7	0.36	8%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0508	25.077	0.71300	12.573	5.3671	0.83357	7	2.33	50%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	1.0175	0.04700	1.1130	0.05322	0.01955	13	-1.79	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.0715	0.00300	1.1130	0.05322	0.01955	13	-0.78	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0722	1.0759	0.02620	1.1130	0.05322	0.01955	13	-0.70	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.0850	0.01000	1.1130	0.05322	0.01955	13	-0.53	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.0885	0.05650	1.1130	0.05322	0.01955	13	-0.46	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	1.0893	0.00580	1.1130	0.05322	0.01955	13	-0.45	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.1010	0.03400	1.1130	0.05322	0.01955	13	-0.23	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	1.1250	0.01000	1.1130	0.05322	0.01955	13	0.23	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2097	1.1270	0.03160	1.1130	0.05322	0.01955	13	0.26	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.1300	0.00000	1.1130	0.05322	0.01955	13	0.32	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.1650	0.01000	1.1130	0.05322	0.01955	13	0.98	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	1.1850	0.01000	1.1130	0.05322	0.01955	13	1.35	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	1.2450	0.01000	1.1130	0.05322	0.01955	13	2.48	6%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.3650	0.35000	1.1130	0.05322	0.01955	13	4.73	11%	1
019.02	Calcium, Hach Method (%)	2128	1.1250	0.00000				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.1983	0.06500				1			0
019.08	Calcium, EDTA (%)	0138	1.1000	0.02400	1.1730	0.06689	0.03879	9	-1.09	3%	0
019.08	Calcium, EDTA (%)	0885	1.1079	0.00630	1.1730	0.06689	0.03879	9	-0.97	3%	0
019.08	Calcium, EDTA (%)	0629	1.1350	0.01000	1.1730	0.06689	0.03879	9	-0.57	2%	0
019.08	Calcium, EDTA (%)	2009	1.1428	0.00580	1.1730	0.06689	0.03879	9	-0.45	1%	0
019.08	Calcium, EDTA (%)	0590	1.1450	0.05000	1.1730	0.06689	0.03879	9	-0.42	1%	0
019.08	Calcium, EDTA (%)	0689	1.2100	0.02000	1.1730	0.06689	0.03879	9	0.55	2%	0
019.08	Calcium, EDTA (%)	0849	1.2165	0.01300	1.1730	0.06689	0.03879	9	0.65	2%	0
019.08	Calcium, EDTA (%)	0852	1.2500	0.10000	1.1730	0.06689	0.03879	9	1.15	3%	0
019.08	Calcium, EDTA (%)	0940	1.2500	0.12000	1.1730	0.06689	0.03879	9	1.15	3%	0
019.09	Calcium, Ion-selective electrode (%)	2109	1.0910	0.00400				2			0
019.09	Calcium, Ion-selective electrode (%)	2006	1.1025	0.00700				2			0
019.31	Calcium, AAS, Dry ash (%)	0596	0.92500	0.01000	1.1298	0.06649	0.01922	26	-3.08	9%	0
019.31	Calcium, AAS, Dry ash (%)	0152	1.0300	0.02000	1.1298	0.06649	0.01922	26	-1.50	4%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.0350	0.03000	1.1298	0.06649	0.01922	26	-1.43	4%	0
019.31	Calcium, AAS, Dry ash (%)	0921	1.0560	0.00000	1.1298	0.06649	0.01922	26	-1.11	3%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.0650	0.01000	1.1298	0.06649	0.01922	26	-0.98	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.0665	0.01100	1.1298	0.06649	0.01922	26	-0.95	3%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.1050	0.00800	1.1298	0.06649	0.01922	26	-0.37	1%	0
019.31	Calcium, AAS, Dry ash (%)	0723	1.1079	0.00000	1.1298	0.06649	0.01922	26	-0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.1100	0.00000	1.1298	0.06649	0.01922	26	-0.30	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.1150	0.01000	1.1298	0.06649	0.01922	26	-0.22	1%	0
019.31	Calcium, AAS, Dry ash (%)	0689	1.1200	0.02000	1.1298	0.06649	0.01922	26	-0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	0653	1.1230	0.04000	1.1298	0.06649	0.01922	26	-0.10	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.1232	0.01010	1.1298	0.06649	0.01922	26	-0.10	0%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.1250	0.01000	1.1298	0.06649	0.01922	26	-0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0066	1.1350	0.03000	1.1298	0.06649	0.01922	26	0.08	0%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.1500	0.00000	1.1298	0.06649	0.01922	26	0.30	1%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.1550	0.00070	1.1298	0.06649	0.01922	26	0.38	1%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.1600	0.02000	1.1298	0.06649	0.01922	26	0.45	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.1600	0.06000	1.1298	0.06649	0.01922	26	0.45	1%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.1700	0.02000	1.1298	0.06649	0.01922	26	0.60	2%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.1800	0.10000	1.1298	0.06649	0.01922	26	0.75	2%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.1800	0.04000	1.1298	0.06649	0.01922	26	0.75	2%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.2050	0.01000	1.1298	0.06649	0.01922	26	1.13	3%	0
019.31	Calcium, AAS, Dry ash (%)	2126	1.2100	0.00000	1.1298	0.06649	0.01922	26	1.21	4%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.2300	0.04000	1.1298	0.06649	0.01922	26	1.51	4%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.2800	0.00000	1.1298	0.06649	0.01922	26	2.26	7%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.1135	0.11300	1.1298	0.06649	0.01922	26	-0.25	1%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.31	Calcium, AAS, Dry ash (%)	0354	0.18500	0.01000	1.1298	0.06649	0.01922	26	-14.21	42%	2
019.32	Calcium, AAS, Open vessel (%)	0612	1.0950	0.01000	1.1528	0.04209	0.01680	5	-1.37	3%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.1300	0.00000	1.1528	0.04209	0.01680	5	-0.54	1%	0
019.32	Calcium, AAS, Open vessel (%)	0035	1.1600	0.04000	1.1528	0.04209	0.01680	5	0.17	0%	0
019.32	Calcium, AAS, Open vessel (%)	0504	1.1740	0.02400	1.1528	0.04209	0.01680	5	0.50	1%	0
019.32	Calcium, AAS, Open vessel (%)	0609	1.2050	0.01000	1.1528	0.04209	0.01680	5	1.24	2%	0
019.33	Calcium, AAS, Microwave (%)	0010	1.1950	0.01000				1			0
019.41	Calcium, ICP, Dry ash (%)	0089	0.92000	0.00000	1.1483	0.05947	0.01956	32	-3.84	10%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.0250	0.03000	1.1483	0.05947	0.01956	32	-2.07	5%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.0400	0.02000	1.1483	0.05947	0.01956	32	-1.82	5%	0
019.41	Calcium, ICP, Dry ash (%)	0610	1.0700	0.00000	1.1483	0.05947	0.01956	32	-1.32	3%	0
019.41	Calcium, ICP, Dry ash (%)	2126	1.0750	0.03000	1.1483	0.05947	0.01956	32	-1.23	3%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.0790	0.02000	1.1483	0.05947	0.01956	32	-1.16	3%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.1000	0.00000	1.1483	0.05947	0.01956	32	-0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.1050	0.01000	1.1483	0.05947	0.01956	32	-0.73	2%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.1100	0.02000	1.1483	0.05947	0.01956	32	-0.64	2%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.1100	0.02000	1.1483	0.05947	0.01956	32	-0.64	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.1300	0.06000	1.1483	0.05947	0.01956	32	-0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.1300	0.00000	1.1483	0.05947	0.01956	32	-0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.1450	0.00400	1.1483	0.05947	0.01956	32	-0.06	0%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.1500	0.04000	1.1483	0.05947	0.01956	32	0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.1509	0.00500	1.1483	0.05947	0.01956	32	0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.1650	0.01000	1.1483	0.05947	0.01956	32	0.28	1%	0
019.41	Calcium, ICP, Dry ash (%)	0083	1.1650	0.01000	1.1483	0.05947	0.01956	32	0.28	1%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.1650	0.01000	1.1483	0.05947	0.01956	32	0.28	1%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.1700	0.02000	1.1483	0.05947	0.01956	32	0.37	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.1700	0.00000	1.1483	0.05947	0.01956	32	0.37	1%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.1700	0.04000	1.1483	0.05947	0.01956	32	0.37	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.1770	0.00000	1.1483	0.05947	0.01956	32	0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.1800	0.02000	1.1483	0.05947	0.01956	32	0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0300	1.1825	0.04500	1.1483	0.05947	0.01956	32	0.58	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.1889	0.02880	1.1483	0.05947	0.01956	32	0.68	2%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.1900	0.08000	1.1483	0.05947	0.01956	32	0.70	2%	0
019.41	Calcium, ICP, Dry ash (%)	0682	1.1900	0.00000	1.1483	0.05947	0.01956	32	0.70	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.2000	0.00000	1.1483	0.05947	0.01956	32	0.87	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.2050	0.05000	1.1483	0.05947	0.01956	32	0.95	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.2195	0.00300	1.1483	0.05947	0.01956	32	1.20	3%	0
019.41	Calcium, ICP, Dry ash (%)	0720	1.2400	0.02000	1.1483	0.05947	0.01956	32	1.54	4%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.2450	0.03000	1.1483	0.05947	0.01956	32	1.63	4%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.0950	0.11000	1.1483	0.05947	0.01956	32	-0.90	2%	1
019.42	Calcium, ICP, Open vessel (%)	0026	1.0150	0.03000	1.1453	0.08111	0.03192	25	-1.61	6%	0
019.42	Calcium, ICP, Open vessel (%)	2051	1.0400	0.02000	1.1453	0.08111	0.03192	25	-1.30	5%	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 (%)	2129	1.0450	0.05000	1.1453	0.08111	0.03192	25	-1.24	4%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.0700	0.04000	1.1453	0.08111	0.03192	25	-0.93	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.0750	0.01000	1.1453	0.08111	0.03192	25	-0.87	3%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.0850	0.09000	1.1453	0.08111	0.03192	25	-0.74	3%	0
019.42	Calcium, ICP, Open vessel (%)	0555	1.1000	0.00000	1.1453	0.08111	0.03192	25	-0.56	2%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.1050	0.01000	1.1453	0.08111	0.03192	25	-0.50	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.1050	0.03000	1.1453	0.08111	0.03192	25	-0.50	2%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.1205	0.00700	1.1453	0.08111	0.03192	25	-0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.1250	0.05000	1.1453	0.08111	0.03192	25	-0.25	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.1300	0.12000	1.1453	0.08111	0.03192	25	-0.19	1%	0
019.42	Calcium, ICP, Open vessel (%)	0202	1.1350	0.01000	1.1453	0.08111	0.03192	25	-0.13	0%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.1350	0.03000	1.1453	0.08111	0.03192	25	-0.13	0%	0
019.42	Calcium, ICP, Open vessel (%)	0613	1.1400	0.12000	1.1453	0.08111	0.03192	25	-0.06	0%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.1700	0.02000	1.1453	0.08111	0.03192	25	0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.1850	0.01000	1.1453	0.08111	0.03192	25	0.49	2%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.1900	0.00000	1.1453	0.08111	0.03192	25	0.55	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.2000	0.06000	1.1453	0.08111	0.03192	25	0.67	2%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.2120	0.00200	1.1453	0.08111	0.03192	25	0.82	3%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.2275	0.02300	1.1453	0.08111	0.03192	25	1.01	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.2340	0.00600	1.1453	0.08111	0.03192	25	1.09	4%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.2450	0.03000	1.1453	0.08111	0.03192	25	1.23	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.2700	0.02000	1.1453	0.08111	0.03192	25	1.54	5%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.3150	0.01000	1.1453	0.08111	0.03192	25	2.09	7%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.0850	0.01000	1.1556	0.05575	0.02877	20	-1.27	3%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.0950	0.03000	1.1556	0.05575	0.02877	20	-1.09	3%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.0950	0.01000	1.1556	0.05575	0.02877	20	-1.09	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.1000	0.02000	1.1556	0.05575	0.02877	20	-1.00	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.1000	0.02000	1.1556	0.05575	0.02877	20	-1.00	2%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.1250	0.03400	1.1556	0.05575	0.02877	20	-0.55	1%	0
019.43	Calcium, ICP, Microwave (%)	0508	1.1357	0.02160	1.1556	0.05575	0.02877	20	-0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	0168	1.1373	0.06460	1.1556	0.05575	0.02877	20	-0.33	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.1425	0.05800	1.1556	0.05575	0.02877	20	-0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.1450	0.03000	1.1556	0.05575	0.02877	20	-0.19	0%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.1600	0.00000	1.1556	0.05575	0.02877	20	0.08	0%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.1650	0.03000	1.1556	0.05575	0.02877	20	0.17	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.1650	0.07000	1.1556	0.05575	0.02877	20	0.17	0%	0
019.43	Calcium, ICP, Microwave (%)	0034	1.1716	0.08720	1.1556	0.05575	0.02877	20	0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.1770	0.00000	1.1556	0.05575	0.02877	20	0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.1850	0.01000	1.1556	0.05575	0.02877	20	0.53	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.2200	0.02000	1.1556	0.05575	0.02877	20	1.15	3%	0
019.43	Calcium, ICP, Microwave (%)	0018	1.2300	0.02000	1.1556	0.05575	0.02877	20	1.33	3%	0
019.43	Calcium, ICP, Microwave (%)	0028	1.2850	0.03000	1.1556	0.05575	0.02877	20	2.32	6%	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			
019.43	Calcium, ICP, Microwave (%)	2089	1.3250	0.01000	1.1556	0.05575	0.02877	20	3.04	7%	0
019.44	Calcium, ICP, Dry ash (%)	0065	1.1088	0.00250	1.1458	0.05876	0.00417	3			0
019.44	Calcium, ICP, Dry ash (%)	2004	1.1150	0.01000	1.1458	0.05876	0.00417	3			0
019.44	Calcium, ICP, Dry ash (%)	0860	1.2135	0.00000	1.1458	0.05876	0.00417	3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.0850	0.01000				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.1418	0.01630				2			0
019.53	Calcium, ICP-MS, Microwave (%)	2055	1.1085	0.14700	1.1921	0.06801	0.07175	4	-1.23	4%	0
019.53	Calcium, ICP-MS, Microwave (%)	0199	1.1650	0.01000	1.1921	0.06801	0.07175	4	-0.40	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.2450	0.07000	1.1921	0.06801	0.07175	4	0.78	2%	0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.2500	0.06000	1.1921	0.06801	0.07175	4	0.85	2%	0
019.99	Calcium, Miscellaneous (%)	0242	0.98000	0.02000	1.0500	0.11372	0.01400	5	-0.62	3%	0
019.99	Calcium, Miscellaneous (%)	0852	1.0000	0.00000	1.0500	0.11372	0.01400	5	-0.44	2%	0
019.99	Calcium, Miscellaneous (%)	2105	1.0000	0.00000	1.0500	0.11372	0.01400	5	-0.44	2%	0
019.99	Calcium, Miscellaneous (%)	0889	1.1550	0.05000	1.0500	0.11372	0.01400	5	0.92	5%	0
019.99	Calcium, Miscellaneous (%)	0100	1.2200	0.00000	1.0500	0.11372	0.01400	5	1.49	8%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	3.2000	0.20000	3.6438	0.32648	0.15250	4	-1.36	6%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	3.6000	0.20000	3.6438	0.32648	0.15250	4	-0.13	1%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	3.8550	0.05000	3.6438	0.32648	0.15250	4	0.65	3%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	3.9200	0.16000	3.6438	0.32648	0.15250	4	0.85	4%	0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	3.6000	0.12000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	2.2600	0.08000	2.8843	0.56429	0.10900	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	3.0350	0.03000	2.8843	0.56429	0.10900	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	3.3580	0.21700	2.8843	0.56429	0.10900	3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	2051	1.9900	0.18000	2.8395	0.66420	0.39650	4	-1.28	15%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	2.7000	0.68000	2.8395	0.66420	0.39650	4	-0.21	2%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	3.1180	0.02600	2.8395	0.66420	0.39650	4	0.42	5%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0366	3.5500	0.70000	2.8395	0.66420	0.39650	4	1.07	13%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	2.9000	0.18000	3.6794	0.53070	0.11497	6	-1.47	11%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	3.4650	0.05000	3.6794	0.53070	0.11497	6	-0.40	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	3.6500	0.10000	3.6794	0.53070	0.11497	6	-0.06	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	3.7750	0.09000	3.6794	0.53070	0.11497	6	0.18	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	4.1150	0.17000	3.6794	0.53070	0.11497	6	0.82	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0508	4.1712	0.09980	3.6794	0.53070	0.11497	6	0.93	7%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	2.7000	0.08000				2			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.9500	0.10000				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	2.3870	0.23800	3.0814	0.60455	0.33590	5	-1.15	11%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	2.6043	0.21130	3.0814	0.60455	0.33590	5	-0.79	8%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	3.2500	0.10000	3.0814	0.60455	0.33590	5	0.28	3%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0168	3.2509	0.54020	3.0814	0.60455	0.33590	5	0.28	3%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	3.9150	0.59000	3.0814	0.60455	0.33590	5	1.38	14%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	29.500	3.0000	34.199	1.9897	1.0967	15	-2.36	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	31.530	0.86000	34.199	1.9897	1.0967	15	-1.34	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	32.000	0.00000	34.199	1.9897	1.0967	15	-1.11	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	33.000	0.00000	34.199	1.9897	1.0967	15	-0.60	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	33.235	0.19000	34.199	1.9897	1.0967	15	-0.48	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	33.550	0.30000	34.199	1.9897	1.0967	15	-0.33	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	34.300	1.0000	34.199	1.9897	1.0967	15	0.05	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	34.395	1.8900	34.199	1.9897	1.0967	15	0.10	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0596	34.700	1.4000	34.199	1.9897	1.0967	15	0.25	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	34.755	0.59000	34.199	1.9897	1.0967	15	0.28	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	35.500	0.60000	34.199	1.9897	1.0967	15	0.65	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	35.550	1.9200	34.199	1.9897	1.0967	15	0.68	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	35.850	1.7000	34.199	1.9897	1.0967	15	0.83	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	36.500	1.0000	34.199	1.9897	1.0967	15	1.16	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	36.900	2.0000	34.199	1.9897	1.0967	15	1.36	4%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	34.350	0.00000	40.338	6.3580	2.2800	5	-0.94	7%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	37.050	1.4000	40.338	6.3580	2.2800	5	-0.52	4%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	41.000	2.0000	40.338	6.3580	2.2800	5	0.10	1%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	42.000	8.0000	40.338	6.3580	2.2800	5	0.26	2%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	48.950	0.00000	40.338	6.3580	2.2800	5	1.35	11%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	35.647	0.04700				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	36.450	1.3000				2			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	4.8700	0.14000	32.929	2.9829	1.1682	24	-9.41	43%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	28.000	0.00000	32.929	2.9829	1.1682	24	-1.65	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	29.735	4.9500	32.929	2.9829	1.1682	24	-1.07	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	30.000	2.0000	32.929	2.9829	1.1682	24	-0.98	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	30.250	0.90000	32.929	2.9829	1.1682	24	-0.90	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	30.650	0.30000	32.929	2.9829	1.1682	24	-0.76	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	31.000	0.00000	32.929	2.9829	1.1682	24	-0.65	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	31.515	0.59000	32.929	2.9829	1.1682	24	-0.47	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	31.700	0.80000	32.929	2.9829	1.1682	24	-0.41	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0610	32.000	0.00000	32.929	2.9829	1.1682	24	-0.31	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	32.345	2.2900	32.929	2.9829	1.1682	24	-0.20	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	32.466	0.07130	32.929	2.9829	1.1682	24	-0.16	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	32.500	1.0000	32.929	2.9829	1.1682	24	-0.14	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	33.700	0.00000	32.929	2.9829	1.1682	24	0.26	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	33.895	1.0700	32.929	2.9829	1.1682	24	0.32	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	34.410	0.14000	32.929	2.9829	1.1682	24	0.50	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	34.900	0.44000	32.929	2.9829	1.1682	24	0.66	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	34.995	3.5500	32.929	2.9829	1.1682	24	0.69	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	35.525	5.0100	32.929	2.9829	1.1682	24	0.87	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	35.908	0.78500	32.929	2.9829	1.1682	24	1.00	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	36.000	0.00000	32.929	2.9829	1.1682	24	1.03	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	36.000	2.0000	32.929	2.9829	1.1682	24	1.03	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	36.500	1.0000	32.929	2.9829	1.1682	24	1.20	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	37.500	1.0000	32.929	2.9829	1.1682	24	1.53	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	25.500	4.2000	35.610	2.1174	1.6365	23	-4.77	14%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	31.200	0.20000	35.610	2.1174	1.6365	23	-2.08	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	32.890	2.3800	35.610	2.1174	1.6365	23	-1.28	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	33.000	0.00000	35.610	2.1174	1.6365	23	-1.23	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0026	33.500	3.0000	35.610	2.1174	1.6365	23	-1.00	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	34.100	4.2000	35.610	2.1174	1.6365	23	-0.71	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	34.910	1.0400	35.610	2.1174	1.6365	23	-0.33	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	35.000	0.00000	35.610	2.1174	1.6365	23	-0.29	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	35.200	3.8000	35.610	2.1174	1.6365	23	-0.19	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	35.500	1.0000	35.610	2.1174	1.6365	23	-0.05	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	35.685	1.3700	35.610	2.1174	1.6365	23	0.04	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	35.870	0.08000	35.610	2.1174	1.6365	23	0.12	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	36.120	0.24000	35.610	2.1174	1.6365	23	0.24	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2051	36.350	2.1000	35.610	2.1174	1.6365	23	0.35	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	36.500	1.0000	35.610	2.1174	1.6365	23	0.42	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	36.600	0.60000	35.610	2.1174	1.6365	23	0.47	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	36.600	1.0000	35.610	2.1174	1.6365	23	0.47	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	36.750	0.86000	35.610	2.1174	1.6365	23	0.54	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	36.850	0.70000	35.610	2.1174	1.6365	23	0.59	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	37.315	2.1100	35.610	2.1174	1.6365	23	0.81	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	37.850	4.5000	35.610	2.1174	1.6365	23	1.06	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	40.000	2.0000	35.610	2.1174	1.6365	23	2.07	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	45.630	1.2600	35.610	2.1174	1.6365	23	4.73	14%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	30.740	0.94000	35.363	2.1318	0.57100	15	-2.17	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	33.000	2.0000	35.363	2.1318	0.57100	15	-1.11	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	34.000	0.00000	35.363	2.1318	0.57100	15	-0.64	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	34.000	0.00000	35.363	2.1318	0.57100	15	-0.64	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0168	34.064	0.80400	35.363	2.1318	0.57100	15	-0.61	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	34.500	1.0000	35.363	2.1318	0.57100	15	-0.40	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	34.885	0.07000	35.363	2.1318	0.57100	15	-0.22	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	35.000	0.00000	35.363	2.1318	0.57100	15	-0.17	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	35.400	0.40000	35.363	2.1318	0.57100	15	0.02	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	35.800	0.80000	35.363	2.1318	0.57100	15	0.21	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	36.500	1.0000	35.363	2.1318	0.57100	15	0.53	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0508	36.600	0.75100	35.363	2.1318	0.57100	15	0.58	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	37.665	0.59000	35.363	2.1318	0.57100	15	1.08	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	38.300	0.20000	35.363	2.1318	0.57100	15	1.38	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	38.865	0.01000	35.363	2.1318	0.57100	15	1.64	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	35.600	3.8000	35.363	2.1318	0.57100	15	0.11	0%	1
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	32.150	1.1000				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			
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0016	28.400	0.40000	33.860	5.0997	0.49333	3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	34.680	0.08000	33.860	5.0997	0.49333	3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	38.500	1.0000	33.860	5.0997	0.49333	3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	34.000	8.0000	36.163	2.5431	2.9750	4	-0.85	3%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	34.050	1.1000	36.163	2.5431	2.9750	4	-0.83	3%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	37.550	0.30000	36.163	2.5431	2.9750	4	0.55	2%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	39.050	2.5000	36.163	2.5431	2.9750	4	1.14	4%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	32.000	2.0000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	36.000	0.00000				2			0
024.52	Iodine, ICP-MS, Open vessel (mg / kg (ppm))	0160	1.4900	0.38000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	176.43	0.00000	240.08	19.157	5.0027	11	-3.32	13%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	205.50	11.000	240.08	19.157	5.0027	11	-1.81	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	228.50	1.0000	240.08	19.157	5.0027	11	-0.60	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	239.00	6.0000	240.08	19.157	5.0027	11	-0.06	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	241.50	19.000	240.08	19.157	5.0027	11	0.07	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	242.70	2.0000	240.08	19.157	5.0027	11	0.14	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	243.00	4.0000	240.08	19.157	5.0027	11	0.15	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	252.00	6.0000	240.08	19.157	5.0027	11	0.62	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	253.00	0.00000	240.08	19.157	5.0027	11	0.67	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	257.49	4.0300	240.08	19.157	5.0027	11	0.91	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	261.00	2.0000	240.08	19.157	5.0027	11	1.09	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	279.00	38.000	240.08	19.157	5.0027	11	2.03	8%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	246.00	10.000	301.68	89.692	7.3000	3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	253.90	8.2000	301.68	89.692	7.3000	3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	405.15	3.7000	301.68	89.692	7.3000	3			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	303.32	5.3070				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	215.50	1.0000	246.42	14.158	6.3488	20	-2.18	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	218.50	3.0000	246.42	14.158	6.3488	20	-1.97	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	225.49	0.00000	246.42	14.158	6.3488	20	-1.48	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	235.20	0.20000	246.42	14.158	6.3488	20	-0.79	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	237.83	5.7403	246.42	14.158	6.3488	20	-0.61	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	238.43	7.1150	246.42	14.158	6.3488	20	-0.56	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	241.00	8.0000	246.42	14.158	6.3488	20	-0.38	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	244.45	1.3000	246.42	14.158	6.3488	20	-0.14	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	245.00	4.0000	246.42	14.158	6.3488	20	-0.10	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	247.00	10.000	246.42	14.158	6.3488	20	0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	247.50	1.0000	246.42	14.158	6.3488	20	0.08	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	247.50	19.000	246.42	14.158	6.3488	20	0.08	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	253.35	13.700	246.42	14.158	6.3488	20	0.49	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	254.50	9.0000	246.42	14.158	6.3488	20	0.57	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	256.48	1.3600	246.42	14.158	6.3488	20	0.71	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	258.00	4.0000	246.42	14.158	6.3488	20	0.82	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	
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	258.36	12.500	246.42	14.158	6.3488	20	0.84	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	258.90	7.6000	246.42	14.158	6.3488	20	0.88	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	261.32	9.2400	246.42	14.158	6.3488	20	1.05	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	270.21	9.2200	246.42	14.158	6.3488	20	1.68	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	31.600	1.2000	246.42	14.158	6.3488	20	-15.17	44%	2
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0026	100.00	0.00000	226.90	39.360	8.8367	18	-3.22	28%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2051	115.90	0.40000	226.90	39.360	8.8367	18	-2.82	24%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	180.96	1.1200	226.90	39.360	8.8367	18	-1.17	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	189.35	36.300	226.90	39.360	8.8367	18	-0.95	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	199.50	1.0000	226.90	39.360	8.8367	18	-0.70	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	200.00	0.00000	226.90	39.360	8.8367	18	-0.68	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	222.00	8.0000	226.90	39.360	8.8367	18	-0.12	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	223.00	6.0000	226.90	39.360	8.8367	18	-0.10	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	234.00	22.000	226.90	39.360	8.8367	18	0.18	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	240.00	36.000	226.90	39.360	8.8367	18	0.33	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	247.00	4.0000	226.90	39.360	8.8367	18	0.51	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	248.50	1.0000	226.90	39.360	8.8367	18	0.55	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	251.50	13.000	226.90	39.360	8.8367	18	0.63	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	253.17	2.9400	226.90	39.360	8.8367	18	0.67	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	253.90	9.6000	226.90	39.360	8.8367	18	0.69	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	258.55	7.7000	226.90	39.360	8.8367	18	0.80	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	271.00	0.00000	226.90	39.360	8.8367	18	1.12	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	276.00	10.000	226.90	39.360	8.8367	18	1.25	11%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	202.92	12.300	243.54	26.513	10.644	17	-1.53	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	204.50	1.0000	243.54	26.513	10.644	17	-1.47	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	220.50	3.0000	243.54	26.513	10.644	17	-0.87	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	229.00	0.00000	243.54	26.513	10.644	17	-0.55	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	232.31	6.7600	243.54	26.513	10.644	17	-0.42	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	236.67	10.770	243.54	26.513	10.644	17	-0.26	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	237.55	3.1000	243.54	26.513	10.644	17	-0.23	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0168	237.72	6.1900	243.54	26.513	10.644	17	-0.22	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	238.65	37.700	243.54	26.513	10.644	17	-0.18	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	240.00	6.0000	243.54	26.513	10.644	17	-0.13	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	249.00	0.00000	243.54	26.513	10.644	17	0.21	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	250.00	6.0000	243.54	26.513	10.644	17	0.24	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	259.80	2.0000	243.54	26.513	10.644	17	0.61	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0034	264.16	9.5300	243.54	26.513	10.644	17	0.78	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0508	269.90	24.590	243.54	26.513	10.644	17	0.99	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	286.50	11.000	243.54	26.513	10.644	17	1.62	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	296.50	41.000	243.54	26.513	10.644	17	2.00	11%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	230.00	0.00000				2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	248.54	15.940				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			
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2055	146.00	30.000	216.02	60.687	16.900	3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0199	248.55	1.7000	216.02	60.687	16.900	3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	253.50	19.000	216.02	60.687	16.900	3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	218.00	4.0000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	251.00	0.00000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.30000	0.00000	0.33303	0.01515	0.00365	15	-2.18	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.31580	0.00340	0.33303	0.01515	0.00365	15	-1.14	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.31850	0.00300	0.33303	0.01515	0.00365	15	-0.96	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.32000	0.00000	0.33303	0.01515	0.00365	15	-0.86	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.32355	0.00110	0.33303	0.01515	0.00365	15	-0.63	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.33000	0.00000	0.33303	0.01515	0.00365	15	-0.20	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.33000	0.00000	0.33303	0.01515	0.00365	15	-0.20	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.33500	0.01000	0.33303	0.01515	0.00365	15	0.13	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.33700	0.00600	0.33303	0.01515	0.00365	15	0.26	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.33700	0.01000	0.33303	0.01515	0.00365	15	0.26	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.34100	0.01520	0.33303	0.01515	0.00365	15	0.53	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.34425	0.00210	0.33303	0.01515	0.00365	15	0.74	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.35000	0.00000	0.33303	0.01515	0.00365	15	1.12	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.35100	0.00000	0.33303	0.01515	0.00365	15	1.19	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.35200	0.00400	0.33303	0.01515	0.00365	15	1.25	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.32600	0.03600	0.33303	0.01515	0.00365	15	-0.46	1%	1
027.32	Magnesium, AAS, Open vessel (%)	0609	0.33500	0.01000	0.34400	0.01098	0.00450	4	-0.82	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.34000	0.00000	0.34400	0.01098	0.00450	4	-0.36	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.34100	0.00800	0.34400	0.01098	0.00450	4	-0.27	0%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.36000	0.00000	0.34400	0.01098	0.00450	4	1.46	2%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.34700	0.00000				1			0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.32000	0.02000	0.34550	0.01384	0.00816	24	-1.84	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.32000	0.02000	0.34550	0.01384	0.00816	24	-1.84	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.33000	0.02000	0.34550	0.01384	0.00816	24	-1.12	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2126	0.33000	0.00000	0.34550	0.01384	0.00816	24	-1.12	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.33500	0.01000	0.34550	0.01384	0.00816	24	-0.76	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.33545	0.00510	0.34550	0.01384	0.00816	24	-0.73	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.33900	0.01200	0.34550	0.01384	0.00816	24	-0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.33950	0.00300	0.34550	0.01384	0.00816	24	-0.43	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.34000	0.02000	0.34550	0.01384	0.00816	24	-0.40	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.34000	0.00000	0.34550	0.01384	0.00816	24	-0.40	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.34250	0.00300	0.34550	0.01384	0.00816	24	-0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.34350	0.00500	0.34550	0.01384	0.00816	24	-0.14	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.34650	0.00100	0.34550	0.01384	0.00816	24	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.34720	0.00100	0.34550	0.01384	0.00816	24	0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.35000	0.00000	0.34550	0.01384	0.00816	24	0.33	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.35000	0.02000	0.34550	0.01384	0.00816	24	0.33	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.41	Magnesium, ICP, Dry ash (%)	0074	0.35500	0.01000	0.34550	0.01384	0.00816	24	0.69	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.35500	0.01000	0.34550	0.01384	0.00816	24	0.69	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.35500	0.01000	0.34550	0.01384	0.00816	24	0.69	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.35635	0.00390	0.34550	0.01384	0.00816	24	0.78	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.36000	0.00000	0.34550	0.01384	0.00816	24	1.05	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.36000	0.02000	0.34550	0.01384	0.00816	24	1.05	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.37305	0.00190	0.34550	0.01384	0.00816	24	1.99	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.39000	0.00000	0.34550	0.01384	0.00816	24	3.22	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.35000	0.04000	0.34550	0.01384	0.00816	24	0.33	1%	1
027.42	Magnesium, ICP, Open vessel (%)	0555	0.30500	0.01000	0.34789	0.01855	0.00734	21	-2.31	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2051	0.32000	0.02000	0.34789	0.01855	0.00734	21	-1.50	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.33000	0.02000	0.34789	0.01855	0.00734	21	-0.96	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.33500	0.01000	0.34789	0.01855	0.00734	21	-0.69	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.33500	0.01000	0.34789	0.01855	0.00734	21	-0.69	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.33600	0.00200	0.34789	0.01855	0.00734	21	-0.64	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.34000	0.02000	0.34789	0.01855	0.00734	21	-0.43	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.34000	0.00000	0.34789	0.01855	0.00734	21	-0.43	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.34250	0.00900	0.34789	0.01855	0.00734	21	-0.29	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.34600	0.01400	0.34789	0.01855	0.00734	21	-0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.35000	0.00000	0.34789	0.01855	0.00734	21	0.11	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.35000	0.00000	0.34789	0.01855	0.00734	21	0.11	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.35000	0.00000	0.34789	0.01855	0.00734	21	0.11	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.35000	0.00000	0.34789	0.01855	0.00734	21	0.11	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.35235	0.00030	0.34789	0.01855	0.00734	21	0.24	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.35655	0.00330	0.34789	0.01855	0.00734	21	0.47	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.36000	0.00000	0.34789	0.01855	0.00734	21	0.65	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.36565	0.01230	0.34789	0.01855	0.00734	21	0.96	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.37500	0.01000	0.34789	0.01855	0.00734	21	1.46	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.37750	0.01300	0.34789	0.01855	0.00734	21	1.60	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.39330	0.00020	0.34789	0.01855	0.00734	21	2.45	7%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.30500	0.01000	0.33846	0.02132	0.00695	17	-1.57	5%	0
027.43	Magnesium, ICP, Microwave (%)	0875	0.31840	0.01280	0.33846	0.02132	0.00695	17	-0.94	3%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.31950	0.00300	0.33846	0.02132	0.00695	17	-0.89	3%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.32050	0.00100	0.33846	0.02132	0.00695	17	-0.84	3%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.32500	0.01000	0.33846	0.02132	0.00695	17	-0.63	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.33000	0.02000	0.33846	0.02132	0.00695	17	-0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.33000	0.00000	0.33846	0.02132	0.00695	17	-0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.33000	0.00000	0.33846	0.02132	0.00695	17	-0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.33450	0.00300	0.33846	0.02132	0.00695	17	-0.19	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.34000	0.00000	0.33846	0.02132	0.00695	17	0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.34050	0.00700	0.33846	0.02132	0.00695	17	0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.34975	0.01110	0.33846	0.02132	0.00695	17	0.53	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			
027.43	Magnesium, ICP, Microwave (%)	0425	0.35000	0.00000	0.33846	0.02132	0.00695	17	0.54	2%	0
027.43	Magnesium, ICP, Microwave (%)	0508	0.35865	0.00510	0.33846	0.02132	0.00695	17	0.95	3%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.36150	0.00100	0.33846	0.02132	0.00695	17	1.08	3%	0
027.43	Magnesium, ICP, Microwave (%)	0168	0.36860	0.02420	0.33846	0.02132	0.00695	17	1.41	4%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.37500	0.01000	0.33846	0.02132	0.00695	17	1.71	5%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.35100	0.00600				2			0
027.44	Magnesium, ICP, Dry ash (%)	0065	0.51575	0.35350				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.35120	0.01860				1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.37800	0.00400				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.37850	0.00300				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	0.00000	0.00000				2			4
027.99	Magnesium, Miscellaneous (%)	0889	0.31000	0.00000			0.00000	3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.32000	0.00000			0.00000	3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.38000	0.00000			0.00000	3			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	135.00	2.0000	148.66	7.5776	2.5850	12	-1.80	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	141.80	3.4000	148.66	7.5776	2.5850	12	-0.91	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0596	143.00	2.6000	148.66	7.5776	2.5850	12	-0.75	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	144.00	4.0000	148.66	7.5776	2.5850	12	-0.61	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	144.53	1.3500	148.66	7.5776	2.5850	12	-0.55	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	149.50	5.0000	148.66	7.5776	2.5850	12	0.11	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	150.00	0.00000	148.66	7.5776	2.5850	12	0.18	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	150.87	0.64000	148.66	7.5776	2.5850	12	0.29	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	151.50	7.0000	148.66	7.5776	2.5850	12	0.37	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	155.41	0.03000	148.66	7.5776	2.5850	12	0.89	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	156.00	2.0000	148.66	7.5776	2.5850	12	0.97	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	160.50	3.0000	148.66	7.5776	2.5850	12	1.56	4%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	62.100	0.00000	166.50	7.9627	3.1400	5	-13.11	31%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	157.50	3.0000	166.50	7.9627	3.1400	5	-1.13	3%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	160.50	11.000	166.50	7.9627	3.1400	5	-0.75	2%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	169.35	1.7000	166.50	7.9627	3.1400	5	0.36	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	172.64	0.00000	166.50	7.9627	3.1400	5	0.77	2%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	13.213	0.11600				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	135.00	0.00000	147.72	7.2903	4.7429	19	-1.74	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	137.35	8.1000	147.72	7.2903	4.7429	19	-1.42	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	143.50	11.000	147.72	7.2903	4.7429	19	-0.58	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	143.63	0.15500	147.72	7.2903	4.7429	19	-0.56	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	143.70	11.440	147.72	7.2903	4.7429	19	-0.55	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	144.00	6.0000	147.72	7.2903	4.7429	19	-0.51	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	144.50	3.0000	147.72	7.2903	4.7429	19	-0.44	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	145.00	2.0000	147.72	7.2903	4.7429	19	-0.37	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	145.35	1.1000	147.72	7.2903	4.7429	19	-0.33	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	145.45	1.3000	147.72	7.2903	4.7429	19	-0.31	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	
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	146.00	2.0000	147.72	7.2903	4.7429	19	-0.24	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	146.91	12.750	147.72	7.2903	4.7429	19	-0.11	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	151.00	2.0000	147.72	7.2903	4.7429	19	0.45	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	152.44	0.21000	147.72	7.2903	4.7429	19	0.65	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	152.91	11.870	147.72	7.2903	4.7429	19	0.71	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	154.36	1.0900	147.72	7.2903	4.7429	19	0.91	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	156.50	9.0000	147.72	7.2903	4.7429	19	1.20	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	162.45	7.1000	147.72	7.2903	4.7429	19	2.02	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	167.86	0.00000	147.72	7.2903	4.7429	19	2.76	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	14.845	0.03000	147.72	7.2903	4.7429	19	-18.23	45%	2
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	100.00	0.00000	149.38	9.2608	5.5710	21	-5.33	17%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	126.85	15.500	149.38	9.2608	5.5710	21	-2.43	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2051	127.00	4.0000	149.38	9.2608	5.5710	21	-2.42	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	142.00	6.0000	149.38	9.2608	5.5710	21	-0.80	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	145.00	4.0000	149.38	9.2608	5.5710	21	-0.47	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	145.00	10.000	149.38	9.2608	5.5710	21	-0.47	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	145.50	3.0000	149.38	9.2608	5.5710	21	-0.42	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	146.00	4.0000	149.38	9.2608	5.5710	21	-0.37	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	146.85	0.90000	149.38	9.2608	5.5710	21	-0.27	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	147.48	1.6400	149.38	9.2608	5.5710	21	-0.21	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	148.00	4.0000	149.38	9.2608	5.5710	21	-0.15	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	149.50	7.0000	149.38	9.2608	5.5710	21	0.01	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	151.50	5.0000	149.38	9.2608	5.5710	21	0.23	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	154.50	1.0000	149.38	9.2608	5.5710	21	0.55	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	156.20	4.2000	149.38	9.2608	5.5710	21	0.74	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	156.60	11.600	149.38	9.2608	5.5710	21	0.78	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	157.52	2.9600	149.38	9.2608	5.5710	21	0.88	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	159.45	2.8900	149.38	9.2608	5.5710	21	1.09	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	159.50	13.000	149.38	9.2608	5.5710	21	1.09	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	159.95	2.3000	149.38	9.2608	5.5710	21	1.14	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	160.00	14.000	149.38	9.2608	5.5710	21	1.15	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	138.50	1.0000	151.70	8.8268	3.6544	16	-1.50	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	140.00	2.0000	151.70	8.8268	3.6544	16	-1.33	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	141.00	0.00000	151.70	8.8268	3.6544	16	-1.21	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	146.50	3.0000	151.70	8.8268	3.6544	16	-0.59	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0168	146.65	9.5800	151.70	8.8268	3.6544	16	-0.57	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	147.53	2.9300	151.70	8.8268	3.6544	16	-0.47	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	148.50	5.0000	151.70	8.8268	3.6544	16	-0.36	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	152.76	2.9200	151.70	8.8268	3.6544	16	0.12	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	153.50	1.0000	151.70	8.8268	3.6544	16	0.20	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0508	155.08	4.7800	151.70	8.8268	3.6544	16	0.38	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	157.10	1.4000	151.70	8.8268	3.6544	16	0.61	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			
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	159.00	4.0000	151.70	8.8268	3.6544	16	0.83	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	159.00	4.0000	151.70	8.8268	3.6544	16	0.83	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	159.04	14.240	151.70	8.8268	3.6544	16	0.83	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	160.10	1.6000	151.70	8.8268	3.6544	16	0.95	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	162.97	1.0200	151.70	8.8268	3.6544	16	1.28	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	158.00	22.000	151.70	8.8268	3.6544	16	0.71	2%	1
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	151.00	2.0000				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	150.00	0.00000				1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	145.80	6.4000	154.60	10.016	7.4667	3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	152.50	5.0000	154.60	10.016	7.4667	3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	165.50	11.000	154.60	10.016	7.4667	3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	137.50	3.0000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	166.00	0.00000				2			0
031.01	Phosphorus, Photometric (%)	0108	0.57500	0.05000	0.69499	0.02925	0.01097	50	-4.10	9%	0
031.01	Phosphorus, Photometric (%)	0018	0.57850	0.04100	0.69499	0.02925	0.01097	50	-3.98	8%	0
031.01	Phosphorus, Photometric (%)	0620	0.62760	0.00680	0.69499	0.02925	0.01097	50	-2.30	5%	0
031.01	Phosphorus, Photometric (%)	2128	0.63800	0.00000	0.69499	0.02925	0.01097	50	-1.95	4%	0
031.01	Phosphorus, Photometric (%)	2126	0.64500	0.01000	0.69499	0.02925	0.01097	50	-1.71	4%	0
031.01	Phosphorus, Photometric (%)	0874	0.65490	0.00560	0.69499	0.02925	0.01097	50	-1.37	3%	0
031.01	Phosphorus, Photometric (%)	0552	0.65500	0.01000	0.69499	0.02925	0.01097	50	-1.37	3%	0
031.01	Phosphorus, Photometric (%)	0674	0.66000	0.00000	0.69499	0.02925	0.01097	50	-1.20	3%	0
031.01	Phosphorus, Photometric (%)	0921	0.66000	0.00000	0.69499	0.02925	0.01097	50	-1.20	3%	0
031.01	Phosphorus, Photometric (%)	0884	0.67000	0.00000	0.69499	0.02925	0.01097	50	-0.85	2%	0
031.01	Phosphorus, Photometric (%)	0622	0.67475	0.00250	0.69499	0.02925	0.01097	50	-0.69	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.67500	0.01000	0.69499	0.02925	0.01097	50	-0.68	1%	0
031.01	Phosphorus, Photometric (%)	0653	0.68000	0.00200	0.69499	0.02925	0.01097	50	-0.51	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.68100	0.02800	0.69499	0.02925	0.01097	50	-0.48	1%	0
031.01	Phosphorus, Photometric (%)	0626	0.68350	0.03500	0.69499	0.02925	0.01097	50	-0.39	1%	0
031.01	Phosphorus, Photometric (%)	0233	0.68500	0.01000	0.69499	0.02925	0.01097	50	-0.34	1%	0
031.01	Phosphorus, Photometric (%)	0609	0.68500	0.01000	0.69499	0.02925	0.01097	50	-0.34	1%	0
031.01	Phosphorus, Photometric (%)	2009	0.68575	0.00150	0.69499	0.02925	0.01097	50	-0.32	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.69000	0.02000	0.69499	0.02925	0.01097	50	-0.17	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.69250	0.01100	0.69499	0.02925	0.01097	50	-0.09	0%	0
031.01	Phosphorus, Photometric (%)	0175	0.69500	0.01000	0.69499	0.02925	0.01097	50	0.00	0%	0
031.01	Phosphorus, Photometric (%)	0683	0.69500	0.01000	0.69499	0.02925	0.01097	50	0.00	0%	0
031.01	Phosphorus, Photometric (%)	0940	0.69500	0.01000	0.69499	0.02925	0.01097	50	0.00	0%	0
031.01	Phosphorus, Photometric (%)	2109	0.69650	0.01300	0.69499	0.02925	0.01097	50	0.05	0%	0
031.01	Phosphorus, Photometric (%)	2006	0.69750	0.01300	0.69499	0.02925	0.01097	50	0.09	0%	0
031.01	Phosphorus, Photometric (%)	0849	0.69900	0.00200	0.69499	0.02925	0.01097	50	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0142	0.70000	0.00000	0.69499	0.02925	0.01097	50	0.17	0%	0
031.01	Phosphorus, Photometric (%)	0152	0.70000	0.00000	0.69499	0.02925	0.01097	50	0.17	0%	0
031.01	Phosphorus, Photometric (%)	0897	0.70000	0.00000	0.69499	0.02925	0.01097	50	0.17	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.01	Phosphorus, Photometric (%)	2080	0.70300	0.00000	0.69499	0.02925	0.01097	50	0.27	1%	0
031.01	Phosphorus, Photometric (%)	0016	0.70400	0.00800	0.69499	0.02925	0.01097	50	0.31	1%	0
031.01	Phosphorus, Photometric (%)	0563	0.70435	0.00670	0.69499	0.02925	0.01097	50	0.32	1%	0
031.01	Phosphorus, Photometric (%)	0194	0.70500	0.01000	0.69499	0.02925	0.01097	50	0.34	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.70500	0.01000	0.69499	0.02925	0.01097	50	0.34	1%	0
031.01	Phosphorus, Photometric (%)	0722	0.70530	0.00220	0.69499	0.02925	0.01097	50	0.35	1%	0
031.01	Phosphorus, Photometric (%)	0937	0.71000	0.00000	0.69499	0.02925	0.01097	50	0.51	1%	0
031.01	Phosphorus, Photometric (%)	2068	0.71000	0.00000	0.69499	0.02925	0.01097	50	0.51	1%	0
031.01	Phosphorus, Photometric (%)	0723	0.71030	0.00000	0.69499	0.02925	0.01097	50	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0885	0.71140	0.00960	0.69499	0.02925	0.01097	50	0.56	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.71500	0.03800	0.69499	0.02925	0.01097	50	0.68	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.71500	0.03000	0.69499	0.02925	0.01097	50	0.68	1%	0
031.01	Phosphorus, Photometric (%)	2097	0.71990	0.01040	0.69499	0.02925	0.01097	50	0.85	2%	0
031.01	Phosphorus, Photometric (%)	0035	0.72500	0.01000	0.69499	0.02925	0.01097	50	1.03	2%	0
031.01	Phosphorus, Photometric (%)	0868	0.72500	0.00200	0.69499	0.02925	0.01097	50	1.03	2%	0
031.01	Phosphorus, Photometric (%)	0948	0.72500	0.01000	0.69499	0.02925	0.01097	50	1.03	2%	0
031.01	Phosphorus, Photometric (%)	0066	0.73500	0.01000	0.69499	0.02925	0.01097	50	1.37	3%	0
031.01	Phosphorus, Photometric (%)	0354	0.74000	0.00000	0.69499	0.02925	0.01097	50	1.54	3%	0
031.01	Phosphorus, Photometric (%)	0596	0.75000	0.02000	0.69499	0.02925	0.01097	50	1.88	4%	0
031.01	Phosphorus, Photometric (%)	0511	0.76500	0.03000	0.69499	0.02925	0.01097	50	2.39	5%	0
031.01	Phosphorus, Photometric (%)	0650	0.78500	0.03000	0.69499	0.02925	0.01097	50	3.08	6%	0
031.01	Phosphorus, Photometric (%)	0623	0.67750	0.07300	0.69499	0.02925	0.01097	50	-0.60	1%	1
031.01	Phosphorus, Photometric (%)	0687	0.70000	0.08000	0.69499	0.02925	0.01097	50	0.17	0%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.69500	0.01000	0.70187	0.00758	0.00533	3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	0.70060	0.00600	0.70187	0.00758	0.00533	3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.71000	0.00000	0.70187	0.00758	0.00533	3			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.65000	0.00000	0.68439	0.03374	0.00602	5	-1.02	3%	0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.65500	0.01000	0.68439	0.03374	0.00602	5	-0.87	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.68500	0.00800	0.68439	0.03374	0.00602	5	0.02	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.70000	0.00000	0.68439	0.03374	0.00602	5	0.46	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.73195	0.01210	0.68439	0.03374	0.00602	5	1.41	3%	0
031.06	Phosphorus, Hach Method (%)	0138	0.72500	0.01000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.65000	0.04000	0.71232	0.02777	0.01591	31	-2.24	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.65500	0.03000	0.71232	0.02777	0.01591	31	-2.06	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0610	0.66000	0.00000	0.71232	0.02777	0.01591	31	-1.88	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.67250	0.01300	0.71232	0.02777	0.01591	31	-1.43	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.68500	0.01000	0.71232	0.02777	0.01591	31	-0.98	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2126	0.68500	0.01000	0.71232	0.02777	0.01591	31	-0.98	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.69500	0.01000	0.71232	0.02777	0.01591	31	-0.62	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.69740	0.00100	0.71232	0.02777	0.01591	31	-0.54	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.69800	0.00000	0.71232	0.02777	0.01591	31	-0.52	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.70150	0.05300	0.71232	0.02777	0.01591	31	-0.39	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			
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.70500	0.01000	0.71232	0.02777	0.01591	31	-0.26	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.70500	0.01000	0.71232	0.02777	0.01591	31	-0.26	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.71000	0.00000	0.71232	0.02777	0.01591	31	-0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.71000	0.02000	0.71232	0.02777	0.01591	31	-0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.71000	0.00000	0.71232	0.02777	0.01591	31	-0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.71500	0.01000	0.71232	0.02777	0.01591	31	0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.71500	0.03000	0.71232	0.02777	0.01591	31	0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.72000	0.08000	0.71232	0.02777	0.01591	31	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.72000	0.00000	0.71232	0.02777	0.01591	31	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.72000	0.00000	0.71232	0.02777	0.01591	31	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.72000	0.00000	0.71232	0.02777	0.01591	31	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.72000	0.02000	0.71232	0.02777	0.01591	31	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.72000	0.00000	0.71232	0.02777	0.01591	31	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.72500	0.01000	0.71232	0.02777	0.01591	31	0.46	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.73500	0.01000	0.71232	0.02777	0.01591	31	0.82	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.73655	0.01410	0.71232	0.02777	0.01591	31	0.87	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.74310	0.00640	0.71232	0.02777	0.01591	31	1.11	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.74800	0.06600	0.71232	0.02777	0.01591	31	1.28	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	0.75000	0.00000	0.71232	0.02777	0.01591	31	1.36	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.77720	0.00960	0.71232	0.02777	0.01591	31	2.34	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.87500	0.03000	0.71232	0.02777	0.01591	31	5.86	11%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.84000	0.24000	0.71232	0.02777	0.01591	31	4.60	9%	1
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.60000	0.00000	0.68930	0.03935	0.01631	25	-2.27	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.60500	0.03000	0.68930	0.03935	0.01631	25	-2.14	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.63500	0.07000	0.68930	0.03935	0.01631	25	-1.38	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2051	0.64000	0.00000	0.68930	0.03935	0.01631	25	-1.25	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.64250	0.01300	0.68930	0.03935	0.01631	25	-1.19	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.66500	0.01000	0.68930	0.03935	0.01631	25	-0.62	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.67000	0.00000	0.68930	0.03935	0.01631	25	-0.49	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.67500	0.05000	0.68930	0.03935	0.01631	25	-0.36	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.68000	0.00000	0.68930	0.03935	0.01631	25	-0.24	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.68250	0.01100	0.68930	0.03935	0.01631	25	-0.17	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.68890	0.00960	0.68930	0.03935	0.01631	25	-0.01	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.69000	0.00000	0.68930	0.03935	0.01631	25	0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.69400	0.00000	0.68930	0.03935	0.01631	25	0.12	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.69650	0.02100	0.68930	0.03935	0.01631	25	0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.70000	0.02000	0.68930	0.03935	0.01631	25	0.27	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.70000	0.00000	0.68930	0.03935	0.01631	25	0.27	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.70150	0.02100	0.68930	0.03935	0.01631	25	0.31	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.70500	0.05000	0.68930	0.03935	0.01631	25	0.40	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	0.71500	0.01000	0.68930	0.03935	0.01631	25	0.65	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.71610	0.04900	0.68930	0.03935	0.01631	25	0.68	2%	0

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031.42	Phosphorus, ICP, Open vessel (%)	0357	0.72000	0.00000	0.68930	0.03935	0.01631	25	0.78	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.73075	0.00050	0.68930	0.03935	0.01631	25	1.05	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.73100	0.03200	0.68930	0.03935	0.01631	25	1.06	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.74495	0.00070	0.68930	0.03935	0.01631	25	1.41	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.75500	0.01000	0.68930	0.03935	0.01631	25	1.67	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.66000	0.00000	0.71958	0.03286	0.01488	19	-1.81	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.66800	0.00400	0.71958	0.03286	0.01488	19	-1.57	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.68500	0.01000	0.71958	0.03286	0.01488	19	-1.05	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.70000	0.00000	0.71958	0.03286	0.01488	19	-0.60	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.70335	0.01810	0.71958	0.03286	0.01488	19	-0.49	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.70650	0.02500	0.71958	0.03286	0.01488	19	-0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.71000	0.04000	0.71958	0.03286	0.01488	19	-0.29	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.71000	0.00000	0.71958	0.03286	0.01488	19	-0.29	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.71200	0.00000	0.71958	0.03286	0.01488	19	-0.23	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	0.71440	0.03280	0.71958	0.03286	0.01488	19	-0.16	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.71500	0.01000	0.71958	0.03286	0.01488	19	-0.14	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.71750	0.00700	0.71958	0.03286	0.01488	19	-0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.73450	0.00300	0.71958	0.03286	0.01488	19	0.45	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.73885	0.04070	0.71958	0.03286	0.01488	19	0.59	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.74500	0.01000	0.71958	0.03286	0.01488	19	0.77	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	0.75000	0.02000	0.71958	0.03286	0.01488	19	0.93	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.75550	0.03900	0.71958	0.03286	0.01488	19	1.09	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.76500	0.01000	0.71958	0.03286	0.01488	19	1.38	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0508	0.83610	0.01320	0.71958	0.03286	0.01488	19	3.55	8%	0
031.44	Phosphorus, ICP, Dry ash (%)	0065	0.51625	0.34750				2			0
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.68600	0.00400				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.69930	0.01600				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2055	0.58400	0.09800	0.74317	0.01255	0.03375	4	-12.68	11%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.73250	0.00100	0.74317	0.01255	0.03375	4	-0.85	1%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.74000	0.00000	0.74317	0.01255	0.03375	4	-0.25	0%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.75700	0.03600	0.74317	0.01255	0.03375	4	1.10	1%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.61000	0.02000	0.66700	0.04237	0.01000	5	-1.35	4%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.63500	0.01000	0.66700	0.04237	0.01000	5	-0.76	2%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.69000	0.00000	0.66700	0.04237	0.01000	5	0.54	2%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.69000	0.02000	0.66700	0.04237	0.01000	5	0.54	2%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.71000	0.00000	0.66700	0.04237	0.01000	5	1.01	3%	0
032.02	Potassium, Flame Emission (%)	0047	1.3850	0.01000				2			0
032.02	Potassium, Flame Emission (%)	0590	1.5000	0.05000				2			0
032.31	Potassium, AAS, Dry ash (%)	0505	1.2750	0.01000	1.4351	0.08154	0.01424	19	-1.96	6%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.3300	0.02000	1.4351	0.08154	0.01424	19	-1.29	4%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.3600	0.00600	1.4351	0.08154	0.01424	19	-0.92	3%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.3686	0.00340	1.4351	0.08154	0.01424	19	-0.82	2%	0

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032.31	Potassium, AAS, Dry ash (%)	0354	1.3750	0.01000	1.4351	0.08154	0.01424	19	-0.74	2%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.3951	0.00120	1.4351	0.08154	0.01424	19	-0.49	1%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.4000	0.04000	1.4351	0.08154	0.01424	19	-0.43	1%	0
032.31	Potassium, AAS, Dry ash (%)	0689	1.4000	0.02000	1.4351	0.08154	0.01424	19	-0.43	1%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.4100	0.02000	1.4351	0.08154	0.01424	19	-0.31	1%	0
032.31	Potassium, AAS, Dry ash (%)	0014	1.4350	0.01000	1.4351	0.08154	0.01424	19	0.00	0%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.4400	0.00000	1.4351	0.08154	0.01424	19	0.06	0%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.4600	0.00000	1.4351	0.08154	0.01424	19	0.31	1%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.4700	0.00000	1.4351	0.08154	0.01424	19	0.43	1%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.4850	0.01000	1.4351	0.08154	0.01424	19	0.61	2%	0
032.31	Potassium, AAS, Dry ash (%)	2126	1.4900	0.00000	1.4351	0.08154	0.01424	19	0.67	2%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.5000	0.02000	1.4351	0.08154	0.01424	19	0.80	2%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.5200	0.02000	1.4351	0.08154	0.01424	19	1.04	3%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.6100	0.04000	1.4351	0.08154	0.01424	19	2.15	6%	0
032.31	Potassium, AAS, Dry ash (%)	0066	1.6200	0.04000	1.4351	0.08154	0.01424	19	2.27	6%	0
032.32	Potassium, AAS, Open vessel (%)	0609	1.3350	0.01000	1.5000	0.00866	0.04750	4	-19.05	6%	0
032.32	Potassium, AAS, Open vessel (%)	0612	1.4900	0.12000	1.5000	0.00866	0.04750	4	-1.15	0%	0
032.32	Potassium, AAS, Open vessel (%)	0035	1.5050	0.01000	1.5000	0.00866	0.04750	4	0.58	0%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.5050	0.05000	1.5000	0.00866	0.04750	4	0.58	0%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.2950	0.03000	1.4321	0.07805	0.03010	28	-1.76	5%	0
032.41	Potassium, ICP, Dry ash (%)	0720	1.3150	0.03000	1.4321	0.07805	0.03010	28	-1.50	4%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.3300	0.02000	1.4321	0.07805	0.03010	28	-1.31	4%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.3550	0.03000	1.4321	0.07805	0.03010	28	-0.99	3%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.3650	0.09000	1.4321	0.07805	0.03010	28	-0.86	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.3700	0.10000	1.4321	0.07805	0.03010	28	-0.80	2%	0
032.41	Potassium, ICP, Dry ash (%)	0610	1.3750	0.01000	1.4321	0.07805	0.03010	28	-0.73	2%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.3775	0.02100	1.4321	0.07805	0.03010	28	-0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.3791	0.01310	1.4321	0.07805	0.03010	28	-0.68	2%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.3800	0.00000	1.4321	0.07805	0.03010	28	-0.67	2%	0
032.41	Potassium, ICP, Dry ash (%)	0682	1.4000	0.00000	1.4321	0.07805	0.03010	28	-0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.4110	0.01200	1.4321	0.07805	0.03010	28	-0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	2126	1.4200	0.02000	1.4321	0.07805	0.03010	28	-0.15	0%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.4400	0.02000	1.4321	0.07805	0.03010	28	0.10	0%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.4410	0.04000	1.4321	0.07805	0.03010	28	0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.4500	0.02000	1.4321	0.07805	0.03010	28	0.23	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.4550	0.05000	1.4321	0.07805	0.03010	28	0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.4550	0.03000	1.4321	0.07805	0.03010	28	0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0083	1.4700	0.04000	1.4321	0.07805	0.03010	28	0.49	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.4850	0.07000	1.4321	0.07805	0.03010	28	0.68	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.4950	0.01000	1.4321	0.07805	0.03010	28	0.81	2%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.4965	0.01300	1.4321	0.07805	0.03010	28	0.83	2%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.5000	0.04000	1.4321	0.07805	0.03010	28	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			
032.41	Potassium, ICP, Dry ash (%)	0848	1.5050	0.01000	1.4321	0.07805	0.03010	28	0.93	3%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.5080	0.01600	1.4321	0.07805	0.03010	28	0.97	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.5100	0.02000	1.4321	0.07805	0.03010	28	1.00	3%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.5464	0.06760	1.4321	0.07805	0.03010	28	1.46	4%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.7800	0.02000	1.4321	0.07805	0.03010	28	4.46	12%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.4650	0.17000	1.4321	0.07805	0.03010	28	0.42	1%	1
032.42	Potassium, ICP, Open vessel (%)	0026	0.92000	0.04000	1.4713	0.07794	0.04625	24	-7.07	19%	0
032.42	Potassium, ICP, Open vessel (%)	2051	0.98500	0.03000	1.4713	0.07794	0.04625	24	-6.24	17%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.3800	0.08000	1.4713	0.07794	0.04625	24	-1.17	3%	0
032.42	Potassium, ICP, Open vessel (%)	0613	1.4150	0.07000	1.4713	0.07794	0.04625	24	-0.72	2%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.4200	0.00000	1.4713	0.07794	0.04625	24	-0.66	2%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.4250	0.09000	1.4713	0.07794	0.04625	24	-0.59	2%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.4300	0.04000	1.4713	0.07794	0.04625	24	-0.53	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.4350	0.01000	1.4713	0.07794	0.04625	24	-0.47	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.4350	0.05000	1.4713	0.07794	0.04625	24	-0.47	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.4450	0.01000	1.4713	0.07794	0.04625	24	-0.34	1%	0
032.42	Potassium, ICP, Open vessel (%)	0555	1.4500	0.10000	1.4713	0.07794	0.04625	24	-0.27	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.4600	0.04000	1.4713	0.07794	0.04625	24	-0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.4600	0.14000	1.4713	0.07794	0.04625	24	-0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.4670	0.00400	1.4713	0.07794	0.04625	24	-0.06	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.4750	0.01000	1.4713	0.07794	0.04625	24	0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.4825	0.02500	1.4713	0.07794	0.04625	24	0.14	0%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.5200	0.16000	1.4713	0.07794	0.04625	24	0.62	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.5265	0.10900	1.4713	0.07794	0.04625	24	0.71	2%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.5300	0.00000	1.4713	0.07794	0.04625	24	0.75	2%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.5350	0.01000	1.4713	0.07794	0.04625	24	0.82	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.5560	0.00200	1.4713	0.07794	0.04625	24	1.09	3%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.5800	0.02000	1.4713	0.07794	0.04625	24	1.39	4%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.6100	0.04000	1.4713	0.07794	0.04625	24	1.78	5%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.6150	0.03000	1.4713	0.07794	0.04625	24	1.84	5%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.3850	0.01000	1.4586	0.04325	0.02711	15	-1.70	3%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.3950	0.01000	1.4586	0.04325	0.02711	15	-1.47	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.4300	0.02000	1.4586	0.04325	0.02711	15	-0.66	1%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.4300	0.00000	1.4586	0.04325	0.02711	15	-0.66	1%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.4370	0.00000	1.4586	0.04325	0.02711	15	-0.50	1%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.4450	0.01000	1.4586	0.04325	0.02711	15	-0.31	0%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.4585	0.06100	1.4586	0.04325	0.02711	15	0.00	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.4650	0.07000	1.4586	0.04325	0.02711	15	0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.4650	0.01000	1.4586	0.04325	0.02711	15	0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.4650	0.01000	1.4586	0.04325	0.02711	15	0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.4750	0.03000	1.4586	0.04325	0.02711	15	0.38	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.4830	0.01600	1.4586	0.04325	0.02711	15	0.56	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			
032.43	Potassium, ICP, Microwave (%)	0034	1.5065	0.09310	1.4586	0.04325	0.02711	15	1.11	2%	0
032.43	Potassium, ICP, Microwave (%)	0508	1.5070	0.02660	1.4586	0.04325	0.02711	15	1.12	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.5700	0.04000	1.4586	0.04325	0.02711	15	2.58	4%	0
032.43	Potassium, ICP, Microwave (%)	0168	1.4716	0.21560	1.4586	0.04325	0.02711	15	0.30	0%	1
032.44	Potassium, ICP, Dry ash (%)	2004	1.4250	0.01000				2			0
032.44	Potassium, ICP, Dry ash (%)	0065	1.4763	0.01250				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.5263	0.10210				1			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.5150	0.03000	1.5467	0.05058	0.03333	3			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	1.5200	0.00000	1.5467	0.05058	0.03333	3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.6050	0.07000	1.5467	0.05058	0.03333	3			0
032.99	Potassium, Miscellaneous (%)	0889	1.3950	0.01000	1.4251	0.02967	0.01425	4	-1.02	1%	0
032.99	Potassium, Miscellaneous (%)	0100	1.4150	0.01000	1.4251	0.02967	0.01425	4	-0.34	0%	0
032.99	Potassium, Miscellaneous (%)	0242	1.4250	0.03000	1.4251	0.02967	0.01425	4	0.00	0%	0
032.99	Potassium, Miscellaneous (%)	0001	1.4655	0.00700	1.4251	0.02967	0.01425	4	1.36	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.71300	0.03000	1.1480	0.13280	0.02534	18	-3.28	19%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.72200	0.03600	1.1480	0.13280	0.02534	18	-3.21	19%	0
033.00	Salt as chloride, Sol Cl (%)	0875	0.92050	0.06300	1.1480	0.13280	0.02534	18	-1.71	10%	0
033.00	Salt as chloride, Sol Cl (%)	0298	1.0750	0.01000	1.1480	0.13280	0.02534	18	-0.55	3%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.0939	0.00280	1.1480	0.13280	0.02534	18	-0.41	2%	0
033.00	Salt as chloride, Sol Cl (%)	0897	1.1050	0.01000	1.1480	0.13280	0.02534	18	-0.32	2%	0
033.00	Salt as chloride, Sol Cl (%)	0885	1.1267	0.00680	1.1480	0.13280	0.02534	18	-0.16	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.1300	0.02000	1.1480	0.13280	0.02534	18	-0.14	1%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.1400	0.06000	1.1480	0.13280	0.02534	18	-0.06	0%	0
033.00	Salt as chloride, Sol Cl (%)	0169	1.1700	0.00000	1.1480	0.13280	0.02534	18	0.17	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.1742	0.00760	1.1480	0.13280	0.02534	18	0.20	1%	0
033.00	Salt as chloride, Sol Cl (%)	0723	1.1800	0.00000	1.1480	0.13280	0.02534	18	0.24	1%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.2150	0.01000	1.1480	0.13280	0.02534	18	0.50	3%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.2350	0.07000	1.1480	0.13280	0.02534	18	0.66	4%	0
033.00	Salt as chloride, Sol Cl (%)	2068	1.2550	0.03000	1.1480	0.13280	0.02534	18	0.81	5%	0
033.00	Salt as chloride, Sol Cl (%)	0675	1.2750	0.01000	1.1480	0.13280	0.02534	18	0.96	6%	0
033.00	Salt as chloride, Sol Cl (%)	0366	1.2950	0.09000	1.1480	0.13280	0.02534	18	1.11	6%	0
033.00	Salt as chloride, Sol Cl (%)	0674	1.4200	0.00000	1.1480	0.13280	0.02534	18	2.05	12%	0
033.01	Salt as chloride, Poten Cl (%)	0868	1.1400	0.02000	1.2152	0.02974	0.01123	32	-2.53	3%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.1700	0.00000	1.2152	0.02974	0.01123	32	-1.52	2%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.1850	0.03000	1.2152	0.02974	0.01123	32	-1.01	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.1875	0.00100	1.2152	0.02974	0.01123	32	-0.93	1%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.1900	0.02000	1.2152	0.02974	0.01123	32	-0.85	1%	0
033.01	Salt as chloride, Poten Cl (%)	0199	1.1950	0.01000	1.2152	0.02974	0.01123	32	-0.68	1%	0
033.01	Salt as chloride, Poten Cl (%)	0425	1.1950	0.03000	1.2152	0.02974	0.01123	32	-0.68	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.1950	0.01000	1.2152	0.02974	0.01123	32	-0.68	1%	0
033.01	Salt as chloride, Poten Cl (%)	0003	1.2000	0.00000	1.2152	0.02974	0.01123	32	-0.51	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	1.2000	0.00000	1.2152	0.02974	0.01123	32	-0.51	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Poten Cl (%)	0590	1.2000	0.02000	1.2152	0.02974	0.01123	32	-0.51	1%	0
033.01	Salt as chloride, Poten Cl (%)	2109	1.2035	0.00500	1.2152	0.02974	0.01123	32	-0.39	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.2050	0.01000	1.2152	0.02974	0.01123	32	-0.34	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.2050	0.03000	1.2152	0.02974	0.01123	32	-0.34	0%	0
033.01	Salt as chloride, Poten Cl (%)	0194	1.2050	0.01000	1.2152	0.02974	0.01123	32	-0.34	0%	0
033.01	Salt as chloride, Poten Cl (%)	0861	1.2050	0.01000	1.2152	0.02974	0.01123	32	-0.34	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.2050	0.01000	1.2152	0.02974	0.01123	32	-0.34	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.2095	0.00300	1.2152	0.02974	0.01123	32	-0.19	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.2200	0.00000	1.2152	0.02974	0.01123	32	0.16	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.2200	0.00000	1.2152	0.02974	0.01123	32	0.16	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.2250	0.03000	1.2152	0.02974	0.01123	32	0.33	0%	0
033.01	Salt as chloride, Poten Cl (%)	0205	1.2250	0.01000	1.2152	0.02974	0.01123	32	0.33	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.2250	0.01000	1.2152	0.02974	0.01123	32	0.33	0%	0
033.01	Salt as chloride, Poten Cl (%)	0650	1.2250	0.03000	1.2152	0.02974	0.01123	32	0.33	0%	0
033.01	Salt as chloride, Poten Cl (%)	0629	1.2300	0.02000	1.2152	0.02974	0.01123	32	0.50	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.2400	0.00000	1.2152	0.02974	0.01123	32	0.83	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.2500	0.00000	1.2152	0.02974	0.01123	32	1.17	1%	0
033.01	Salt as chloride, Poten Cl (%)	0874	1.2816	0.00020	1.2152	0.02974	0.01123	32	2.23	3%	0
033.01	Salt as chloride, Poten Cl (%)	0682	1.3000	0.00000	1.2152	0.02974	0.01123	32	2.85	3%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.3050	0.01000	1.2152	0.02974	0.01123	32	3.02	4%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.3200	0.02000	1.2152	0.02974	0.01123	32	3.53	4%	0
033.01	Salt as chloride, Poten Cl (%)	0937	1.7450	0.01000	1.2152	0.02974	0.01123	32	17.82	22%	0
033.01	Salt as chloride, Poten Cl (%)	0596	1.6700	0.06000	1.2152	0.02974	0.01123	32	15.30	19%	1
033.03	Salt as chloride, Quantab (%)	0190	0.74500	0.05000	0.91400	0.12764	0.01600	5	-1.32	9%	0
033.03	Salt as chloride, Quantab (%)	0726	0.81500	0.03000	0.91400	0.12764	0.01600	5	-0.78	5%	0
033.03	Salt as chloride, Quantab (%)	0265	0.96000	0.00000	0.91400	0.12764	0.01600	5	0.36	3%	0
033.03	Salt as chloride, Quantab (%)	0505	1.0200	0.00000	0.91400	0.12764	0.01600	5	0.83	6%	0
033.03	Salt as chloride, Quantab (%)	0144	1.0300	0.00000	0.91400	0.12764	0.01600	5	0.91	6%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	2129	1.1800	0.00000	1.2200	0.04000	0.02250	4	-1.00	2%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.2200	0.00000	1.2200	0.04000	0.02250	4	0.00	0%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	1.2600	0.02000	1.2200	0.04000	0.02250	4	1.00	2%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	1.3750	0.07000	1.2200	0.04000	0.02250	4	3.88	6%	0
033.99	Salt, Miscellaneous (%)	0358	0.90500	0.03000	1.1221	0.21215	0.03934	7	-1.02	10%	0
033.99	Salt, Miscellaneous (%)	0552	0.95000	0.06000	1.1221	0.21215	0.03934	7	-0.81	8%	0
033.99	Salt, Miscellaneous (%)	0613	1.0241	0.01540	1.1221	0.21215	0.03934	7	-0.46	4%	0
033.99	Salt, Miscellaneous (%)	2073	1.1200	0.06000	1.1221	0.21215	0.03934	7	-0.01	0%	0
033.99	Salt, Miscellaneous (%)	0910	1.1450	0.03000	1.1221	0.21215	0.03934	7	0.11	1%	0
033.99	Salt, Miscellaneous (%)	0619	1.2700	0.08000	1.1221	0.21215	0.03934	7	0.70	7%	0
033.99	Salt, Miscellaneous (%)	0681	1.5500	0.00000	1.1221	0.21215	0.03934	7	2.02	19%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0098	1.2100	0.00000				2			0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	1.2200	0.18000				2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	0.71000	0.04000	1.0452	0.15932	0.05143	7	-2.10	16%	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			
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	0.96000	0.08000	1.0452	0.15932	0.05143	7	-0.53	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.97000	0.06000	1.0452	0.15932	0.05143	7	-0.47	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	1.0800	0.02000	1.0452	0.15932	0.05143	7	0.22	2%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	1.1250	0.01000	1.0452	0.15932	0.05143	7	0.50	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	1.1750	0.05000	1.0452	0.15932	0.05143	7	0.81	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	2053	1.2000	0.10000	1.0452	0.15932	0.05143	7	0.97	7%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.95750	0.00300				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	2.1000	0.40000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	0.93500	0.01000				1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	1.0950	0.01000	1.2950	0.16447	0.07000	4	-1.22	8%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	1.2500	0.02000	1.2950	0.16447	0.07000	4	-0.27	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.3500	0.10000	1.2950	0.16447	0.07000	4	0.33	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0016	1.4850	0.15000	1.2950	0.16447	0.07000	4	1.16	7%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	1.1500	0.10000	1.5401	0.42864	0.52742	6	-0.91	13%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	1.1800	0.04000	1.5401	0.42864	0.52742	6	-0.84	12%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	1.4776	0.13150	1.5401	0.42864	0.52742	6	-0.15	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	1.6050	0.54800	1.5401	0.42864	0.52742	6	0.15	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.6450	0.97000	1.5401	0.42864	0.52742	6	0.24	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0168	2.9365	1.3750	1.5401	0.42864	0.52742	6	3.26	45%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0045	0.94900	0.02000	1.1525	0.00354	0.04333	3			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	1.1500	0.10000	1.1525	0.00354	0.04333	3			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	1.1550	0.01000	1.1525	0.00354	0.04333	3			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.32300	0.00000	0.34750	0.02173	0.00300	4	-1.13	4%	0
035.01	Sodium, Ion-selective electrode (%)	2109	0.33550	0.00100	0.34750	0.02173	0.00300	4	-0.55	2%	0
035.01	Sodium, Ion-selective electrode (%)	0868	0.36400	0.00400	0.34750	0.02173	0.00300	4	0.76	2%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.36750	0.00700	0.34750	0.02173	0.00300	4	0.92	3%	0
035.05	Sodium, Flame Emission (%)	0152	0.32000	0.00000	0.35000	0.04243	0.00200	3			0
035.05	Sodium, Flame Emission (%)	0590	0.36500	0.00600	0.35000	0.04243	0.00200	3			0
035.05	Sodium, Flame Emission (%)	0108	0.38000	0.00000	0.35000	0.04243	0.00200	3			0
035.31	Sodium, AAS, Dry ash (%)	0354	0.25500	0.01000	0.34381	0.02095	0.00695	17	-4.24	13%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.31500	0.01000	0.34381	0.02095	0.00695	17	-1.37	4%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.32645	0.00670	0.34381	0.02095	0.00695	17	-0.83	3%	0
035.31	Sodium, AAS, Dry ash (%)	2126	0.33000	0.00000	0.34381	0.02095	0.00695	17	-0.66	2%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.33150	0.00500	0.34381	0.02095	0.00695	17	-0.59	2%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.33295	0.00710	0.34381	0.02095	0.00695	17	-0.52	2%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.33500	0.00000	0.34381	0.02095	0.00695	17	-0.42	1%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.34130	0.00000	0.34381	0.02095	0.00695	17	-0.12	0%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.34500	0.01000	0.34381	0.02095	0.00695	17	0.06	0%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.34500	0.01000	0.34381	0.02095	0.00695	17	0.06	0%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.34900	0.00000	0.34381	0.02095	0.00695	17	0.25	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.35300	0.00000	0.34381	0.02095	0.00695	17	0.44	1%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.35840	0.02040	0.34381	0.02095	0.00695	17	0.70	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			
035.31	Sodium, AAS, Dry ash (%)	0038	0.35850	0.00700	0.34381	0.02095	0.00695	17	0.70	2%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.36100	0.00200	0.34381	0.02095	0.00695	17	0.82	3%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.37500	0.01000	0.34381	0.02095	0.00695	17	1.49	5%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.38000	0.02000	0.34381	0.02095	0.00695	17	1.73	5%	0
035.32	Sodium, AAS, Open vessel (%)	0609	0.26500	0.01000	0.31500	0.04359	0.01000	3			0
035.32	Sodium, AAS, Open vessel (%)	0035	0.33500	0.01000	0.31500	0.04359	0.01000	3			0
035.32	Sodium, AAS, Open vessel (%)	0169	0.34500	0.01000	0.31500	0.04359	0.01000	3			0
035.41	Sodium, ICP, Dry ash (%)	2126	0.27000	0.00000	0.34674	0.01516	0.01052	29	-5.06	11%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.32000	0.02000	0.34674	0.01516	0.01052	29	-1.76	4%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.32500	0.01000	0.34674	0.01516	0.01052	29	-1.43	3%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.32500	0.01000	0.34674	0.01516	0.01052	29	-1.43	3%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.33250	0.00500	0.34674	0.01516	0.01052	29	-0.94	2%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.33650	0.00300	0.34674	0.01516	0.01052	29	-0.68	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.33800	0.00200	0.34674	0.01516	0.01052	29	-0.58	1%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.33800	0.00000	0.34674	0.01516	0.01052	29	-0.58	1%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.33850	0.00300	0.34674	0.01516	0.01052	29	-0.54	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.34000	0.02000	0.34674	0.01516	0.01052	29	-0.44	1%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.34000	0.00000	0.34674	0.01516	0.01052	29	-0.44	1%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.34165	0.00070	0.34674	0.01516	0.01052	29	-0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.34500	0.00400	0.34674	0.01516	0.01052	29	-0.11	0%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.34500	0.03000	0.34674	0.01516	0.01052	29	-0.11	0%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.35000	0.00000	0.34674	0.01516	0.01052	29	0.22	0%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.35000	0.00000	0.34674	0.01516	0.01052	29	0.22	0%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.35045	0.01030	0.34674	0.01516	0.01052	29	0.24	1%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.35050	0.00100	0.34674	0.01516	0.01052	29	0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.35050	0.01100	0.34674	0.01516	0.01052	29	0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.35500	0.03000	0.34674	0.01516	0.01052	29	0.55	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.35500	0.01000	0.34674	0.01516	0.01052	29	0.55	1%	0
035.41	Sodium, ICP, Dry ash (%)	0065	0.35750	0.00500	0.34674	0.01516	0.01052	29	0.71	2%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.35780	0.00220	0.34674	0.01516	0.01052	29	0.73	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.36000	0.02000	0.34674	0.01516	0.01052	29	0.87	2%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.36000	0.02000	0.34674	0.01516	0.01052	29	0.87	2%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.36150	0.00300	0.34674	0.01516	0.01052	29	0.97	2%	0
035.41	Sodium, ICP, Dry ash (%)	0511	0.36500	0.03000	0.34674	0.01516	0.01052	29	1.20	3%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.37000	0.02000	0.34674	0.01516	0.01052	29	1.53	3%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.38350	0.03500	0.34674	0.01516	0.01052	29	2.43	5%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.34150	0.05100	0.34674	0.01516	0.01052	29	-0.35	1%	1
035.42	Sodium, ICP, Open vessel (%)	0035	0.29500	0.01000	0.34937	0.01887	0.01231	19	-2.88	8%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.29500	0.01000	0.34937	0.01887	0.01231	19	-2.88	8%	0
035.42	Sodium, ICP, Open vessel (%)	2051	0.32000	0.02000	0.34937	0.01887	0.01231	19	-1.56	4%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.33150	0.00500	0.34937	0.01887	0.01231	19	-0.95	3%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.33750	0.02100	0.34937	0.01887	0.01231	19	-0.63	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			
035.42	Sodium, ICP, Open vessel (%)	0693	0.34350	0.00700	0.34937	0.01887	0.01231	19	-0.31	1%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.34850	0.00500	0.34937	0.01887	0.01231	19	-0.05	0%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.35000	0.00000	0.34937	0.01887	0.01231	19	0.03	0%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.35000	0.02000	0.34937	0.01887	0.01231	19	0.03	0%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.35150	0.02900	0.34937	0.01887	0.01231	19	0.11	0%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.35455	0.02090	0.34937	0.01887	0.01231	19	0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.35500	0.01000	0.34937	0.01887	0.01231	19	0.30	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.35500	0.01000	0.34937	0.01887	0.01231	19	0.30	1%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.36000	0.00000	0.34937	0.01887	0.01231	19	0.56	2%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.36000	0.02000	0.34937	0.01887	0.01231	19	0.56	2%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.36025	0.00170	0.34937	0.01887	0.01231	19	0.58	2%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.36760	0.00420	0.34937	0.01887	0.01231	19	0.97	3%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.37500	0.01000	0.34937	0.01887	0.01231	19	1.36	4%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.37500	0.03000	0.34937	0.01887	0.01231	19	1.36	4%	0
035.43	Sodium, ICP, Microwave (%)	0508	0.29005	0.01450	0.33640	0.02456	0.01336	16	-1.89	7%	0
035.43	Sodium, ICP, Microwave (%)	0875	0.30015	0.02390	0.33640	0.02456	0.01336	16	-1.48	5%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.31000	0.02000	0.33640	0.02456	0.01336	16	-1.08	4%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.31850	0.00300	0.33640	0.02456	0.01336	16	-0.73	3%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.32000	0.00000	0.33640	0.02456	0.01336	16	-0.67	2%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.33200	0.00000	0.33640	0.02456	0.01336	16	-0.18	1%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.33850	0.01500	0.33640	0.02456	0.01336	16	0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.34000	0.02000	0.33640	0.02456	0.01336	16	0.15	1%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.34250	0.01300	0.33640	0.02456	0.01336	16	0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.34300	0.01000	0.33640	0.02456	0.01336	16	0.27	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.34500	0.01000	0.33640	0.02456	0.01336	16	0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0168	0.34545	0.00610	0.33640	0.02456	0.01336	16	0.37	1%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.35405	0.00130	0.33640	0.02456	0.01336	16	0.72	3%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.36000	0.02000	0.33640	0.02456	0.01336	16	0.96	4%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.36050	0.04700	0.33640	0.02456	0.01336	16	0.98	4%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.37500	0.01000	0.33640	0.02456	0.01336	16	1.57	6%	0
035.51	Sodium, ICP-MS, Dry ash (%)	0019	0.34500	0.01000				1			0
035.52	Sodium, ICP-MS, Open vessel (%)	2110	0.31000	0.00000				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.37320	0.01300				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.30000	0.00000	0.35033	0.04508	0.00800	3			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.36400	0.01600	0.35033	0.04508	0.00800	3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.38700	0.00800	0.35033	0.04508	0.00800	3			0
035.99	Sodium, Miscellaneous (%)	0242	0.30000	0.00000	0.31667	0.02887	0.01750	4	-0.58	3%	0
035.99	Sodium, Miscellaneous (%)	2105	0.30000	0.00000	0.31667	0.02887	0.01750	4	-0.58	3%	0
035.99	Sodium, Miscellaneous (%)	0889	0.33500	0.07000	0.31667	0.02887	0.01750	4	0.64	3%	0
035.99	Sodium, Miscellaneous (%)	0100	0.35000	0.00000	0.31667	0.02887	0.01750	4	1.15	5%	0
036.04	Sulfur, LECO (%)	0168	0.27745	0.01570	0.30686	0.02214	0.00893	4	-1.33	5%	0
036.04	Sulfur, LECO (%)	0229	0.30500	0.01000	0.30686	0.02214	0.00893	4	-0.08	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			
036.04	Sulfur, LECO (%)	0098	0.31500	0.01000	0.30686	0.02214	0.00893	4	0.37	1%	0
036.04	Sulfur, LECO (%)	0226	0.33000	0.00000	0.30686	0.02214	0.00893	4	1.05	4%	0
036.42	Sulfur, ICP, Open vessel (%)	2051	0.26500	0.03000	0.30719	0.02124	0.01009	22	-1.99	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.27500	0.01000	0.30719	0.02124	0.01009	22	-1.52	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.28000	0.04000	0.30719	0.02124	0.01009	22	-1.28	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.28500	0.01000	0.30719	0.02124	0.01009	22	-1.04	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.29000	0.02000	0.30719	0.02124	0.01009	22	-0.81	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.29350	0.00100	0.30719	0.02124	0.01009	22	-0.64	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.30000	0.02000	0.30719	0.02124	0.01009	22	-0.34	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.30000	0.00000	0.30719	0.02124	0.01009	22	-0.34	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.30000	0.00000	0.30719	0.02124	0.01009	22	-0.34	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.30100	0.03000	0.30719	0.02124	0.01009	22	-0.29	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.30930	0.01620	0.30719	0.02124	0.01009	22	0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.31000	0.00000	0.30719	0.02124	0.01009	22	0.13	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.31250	0.00900	0.30719	0.02124	0.01009	22	0.25	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.31500	0.01000	0.30719	0.02124	0.01009	22	0.37	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.31550	0.00700	0.30719	0.02124	0.01009	22	0.39	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.32000	0.00000	0.30719	0.02124	0.01009	22	0.60	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.32310	0.00260	0.30719	0.02124	0.01009	22	0.75	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.32440	0.00120	0.30719	0.02124	0.01009	22	0.81	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.32620	0.00300	0.30719	0.02124	0.01009	22	0.90	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.33000	0.00000	0.30719	0.02124	0.01009	22	1.07	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.33500	0.01000	0.30719	0.02124	0.01009	22	1.31	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.33700	0.00200	0.30719	0.02124	0.01009	22	1.40	5%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.26000	0.00000	0.31438	0.03053	0.01033	12	-1.78	9%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.28500	0.01000	0.31438	0.03053	0.01033	12	-0.96	5%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.29500	0.00400	0.31438	0.03053	0.01033	12	-0.63	3%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.30000	0.00200	0.31438	0.03053	0.01033	12	-0.47	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.30500	0.00400	0.31438	0.03053	0.01033	12	-0.31	1%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.31000	0.00000	0.31438	0.03053	0.01033	12	-0.14	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.31240	0.02520	0.31438	0.03053	0.01033	12	-0.06	0%	0
036.43	Sulfur, ICP, Microwave (%)	0033	0.32500	0.01000	0.31438	0.03053	0.01033	12	0.35	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.32500	0.01000	0.31438	0.03053	0.01033	12	0.35	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.33000	0.00000	0.31438	0.03053	0.01033	12	0.51	2%	0
036.43	Sulfur, ICP, Microwave (%)	0508	0.35640	0.01880	0.31438	0.03053	0.01033	12	1.38	7%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.39000	0.04000	0.31438	0.03053	0.01033	12	2.48	12%	0
036.99	Sulfur, Miscellaneous (%)	0242	0.27500	0.01000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.32000	0.00000				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0596	206.90	0.40000	231.52	13.290	3.5688	16	-1.85	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	217.90	4.2000	231.52	13.290	3.5688	16	-1.02	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	223.00	2.0000	231.52	13.290	3.5688	16	-0.64	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	223.65	4.1000	231.52	13.290	3.5688	16	-0.59	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	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	223.77	2.4100	231.52	13.290	3.5688	16	-0.58	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	225.00	2.0000	231.52	13.290	3.5688	16	-0.49	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	227.77	4.8100	231.52	13.290	3.5688	16	-0.28	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	228.00	6.0000	231.52	13.290	3.5688	16	-0.26	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	229.67	1.6800	231.52	13.290	3.5688	16	-0.14	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	230.00	0.00000	231.52	13.290	3.5688	16	-0.11	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	231.00	2.0000	231.52	13.290	3.5688	16	-0.04	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	240.05	2.5000	231.52	13.290	3.5688	16	0.64	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	246.00	0.00000	231.52	13.290	3.5688	16	1.09	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	247.00	6.0000	231.52	13.290	3.5688	16	1.16	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	248.50	9.0000	231.52	13.290	3.5688	16	1.28	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	255.00	10.000	231.52	13.290	3.5688	16	1.77	5%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	222.50	5.0000	234.37	11.805	13.120	5	-1.01	3%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	2128	222.96	0.00000	234.37	11.805	13.120	5	-0.97	2%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	237.50	19.000	234.37	11.805	13.120	5	0.27	1%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	238.40	12.600	234.37	11.805	13.120	5	0.34	1%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	250.50	29.000	234.37	11.805	13.120	5	1.37	3%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	220.02	0.77100				1			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	23.800	0.06000	229.38	16.782	5.3935	24	-12.25	45%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	172.00	4.0000	229.38	16.782	5.3935	24	-3.42	13%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	211.80	11.800	229.38	16.782	5.3935	24	-1.05	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0610	213.00	12.000	229.38	16.782	5.3935	24	-0.98	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	213.00	2.0000	229.38	16.782	5.3935	24	-0.98	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	218.00	7.8000	229.38	16.782	5.3935	24	-0.68	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	221.00	4.0000	229.38	16.782	5.3935	24	-0.50	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	222.50	1.0000	229.38	16.782	5.3935	24	-0.41	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	222.50	2.2000	229.38	16.782	5.3935	24	-0.41	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	223.50	21.000	229.38	16.782	5.3935	24	-0.35	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	225.00	4.0000	229.38	16.782	5.3935	24	-0.26	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	228.39	8.4500	229.38	16.782	5.3935	24	-0.06	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	230.21	1.8930	229.38	16.782	5.3935	24	0.05	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	231.55	1.9000	229.38	16.782	5.3935	24	0.13	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	231.72	1.3000	229.38	16.782	5.3935	24	0.14	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	232.00	4.0000	229.38	16.782	5.3935	24	0.16	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	237.50	11.000	229.38	16.782	5.3935	24	0.48	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	240.57	4.8100	229.38	16.782	5.3935	24	0.67	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	245.50	5.0000	229.38	16.782	5.3935	24	0.96	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	248.00	16.000	229.38	16.782	5.3935	24	1.11	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	248.43	3.3800	229.38	16.782	5.3935	24	1.14	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	248.91	0.00000	229.38	16.782	5.3935	24	1.16	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	249.90	1.8000	229.38	16.782	5.3935	24	1.22	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	253.77	0.05000	229.38	16.782	5.3935	24	1.45	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			
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	167.35	12.700	229.51	20.914	11.658	23	-2.97	14%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2051	175.50	9.0000	229.51	20.914	11.658	23	-2.58	12%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	198.50	23.000	229.51	20.914	11.658	23	-1.48	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	210.91	1.7000	229.51	20.914	11.658	23	-0.89	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	217.00	10.000	229.51	20.914	11.658	23	-0.60	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	217.30	4.2000	229.51	20.914	11.658	23	-0.58	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	219.50	1.0000	229.51	20.914	11.658	23	-0.48	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	221.02	1.9600	229.51	20.914	11.658	23	-0.41	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	223.00	2.0000	229.51	20.914	11.658	23	-0.31	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	223.60	5.6000	229.51	20.914	11.658	23	-0.28	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	228.80	6.0000	229.51	20.914	11.658	23	-0.03	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	231.00	1.0000	229.51	20.914	11.658	23	0.07	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	231.74	0.28000	229.51	20.914	11.658	23	0.11	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	233.00	16.000	229.51	20.914	11.658	23	0.17	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	233.50	5.0000	229.51	20.914	11.658	23	0.19	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	239.50	9.0000	229.51	20.914	11.658	23	0.48	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	240.00	20.000	229.51	20.914	11.658	23	0.50	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	242.00	4.0000	229.51	20.914	11.658	23	0.60	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	248.45	0.70000	229.51	20.914	11.658	23	0.91	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	249.50	35.000	229.51	20.914	11.658	23	0.96	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	252.40	4.0000	229.51	20.914	11.658	23	1.09	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	273.00	46.000	229.51	20.914	11.658	23	2.08	9%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	289.00	50.000	229.51	20.914	11.658	23	2.84	13%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	208.00	2.0000	235.84	16.700	5.4341	17	-1.67	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	214.50	7.0000	235.84	16.700	5.4341	17	-1.28	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	214.95	14.050	235.84	16.700	5.4341	17	-1.25	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	221.00	4.0000	235.84	16.700	5.4341	17	-0.89	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0168	222.94	1.7000	235.84	16.700	5.4341	17	-0.77	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	227.50	3.0000	235.84	16.700	5.4341	17	-0.50	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	235.50	1.0000	235.84	16.700	5.4341	17	-0.02	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	236.50	2.7600	235.84	16.700	5.4341	17	0.04	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	241.50	3.0000	235.84	16.700	5.4341	17	0.34	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	242.00	0.00000	235.84	16.700	5.4341	17	0.37	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	243.00	4.0000	235.84	16.700	5.4341	17	0.43	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	244.30	1.0000	235.84	16.700	5.4341	17	0.51	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	244.50	9.0000	235.84	16.700	5.4341	17	0.52	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	248.40	0.60000	235.84	16.700	5.4341	17	0.75	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	248.44	9.0000	235.84	16.700	5.4341	17	0.75	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	252.64	20.910	235.84	16.700	5.4341	17	1.01	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0508	276.15	9.3600	235.84	16.700	5.4341	17	2.41	9%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	224.50	3.0000				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	174.24	8.6100				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			
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	225.00	10.000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	239.90	21.200	255.97	13.950	11.067	3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	263.00	10.000	255.97	13.950	11.067	3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	265.00	2.0000	255.97	13.950	11.067	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	206.50	7.0000	228.00	29.013	14.667	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	216.50	21.000	228.00	29.013	14.667	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	261.00	16.000	228.00	29.013	14.667	3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	1.4500	0.10000	1.7357	0.29010	0.06767	3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	1.7270	0.08300	1.7357	0.29010	0.06767	3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	2.0300	0.02000	1.7357	0.29010	0.06767	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	1.5000	0.00000	1.7017	0.21050	0.09000	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.6850	0.17000	1.7017	0.21050	0.09000	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.9200	0.10000	1.7017	0.21050	0.09000	3			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	1.5569	0.01210	1.8856	0.35747	0.14330	7	-0.92	9%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	1.6000	0.06000	1.8856	0.35747	0.14330	7	-0.80	8%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	1.6300	0.04000	1.8856	0.35747	0.14330	7	-0.72	7%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.9000	0.20000	1.8856	0.35747	0.14330	7	0.04	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0508	1.9374	0.10100	1.8856	0.35747	0.14330	7	0.14	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	2.2000	0.20000	1.8856	0.35747	0.14330	7	0.88	8%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	2.3750	0.39000	1.8856	0.35747	0.14330	7	1.37	13%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.8500	0.10000				1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	1.2585	0.11900	1.7352	0.50219	0.18528	4	-0.95	14%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	1.6877	0.04310	1.7352	0.50219	0.18528	4	-0.09	1%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.9850	0.51000	1.7352	0.50219	0.18528	4	0.50	7%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0168	2.2595	0.06900	1.7352	0.50219	0.18528	4	1.04	15%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	15.020	0.26000				1			0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0508	13.866	0.13200				1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	16.500	1.0000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	14.437	0.02390				1			0
041.43	Vanadium, ICP, Microwave (mg / kg (ppm))	0508	0.33995	0.08050				1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.72500	0.07000				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.35150	0.02700				1			0
042.00	Chloride, Titrimetric (%)	0297	0.72000	0.02000				1			0
042.99	Chloride, Miscellaneous (%)	0613	0.66500	0.01000				1			0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0613	0.00000	0.00000				0			4
054.01	Decoquinatate, LC (mg / kg (ppm))	0875	0.84500	0.05000	0.96186	0.10887	0.03067	6	-1.07	6%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0036	0.90000	0.00000	0.96186	0.10887	0.03067	6	-0.57	3%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0590	0.94000	0.00000	0.96186	0.10887	0.03067	6	-0.20	1%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0218	0.96100	0.01400	0.96186	0.10887	0.03067	6	-0.01	0%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	0629	1.0000	0.02000	0.96186	0.10887	0.03067	6	0.35	2%	0
054.01	Decoquinatate, LC (mg / kg (ppm))	2127	2.2500	0.10000	0.96186	0.10887	0.03067	6	11.83	67%	0
054.02	Decoquinatate, LC (mg / kg (ppm))	0047	1.3200	0.00000				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			
054.02	Decoquinatone, LC (mg / kg (ppm))	0038	2.2630	0.31600				2			0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0590	0.82000	0.00000	1.9513	0.79228	0.22180	5	-1.43	29%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0875	1.9850	0.23000	1.9513	0.79228	0.22180	5	0.04	1%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0036	2.5000	0.00000	1.9513	0.79228	0.22180	5	0.69	14%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0629	2.5000	0.00000	1.9513	0.79228	0.22180	5	0.69	14%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0038	2.9025	0.87900	1.9513	0.79228	0.22180	5	1.20	24%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	2127	1.0050	0.07000	3.2613	0.02510	0.63500	3			0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0038	3.2435	1.5930	3.2613	0.02510	0.63500	3			0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0218	3.2790	0.24200	3.2613	0.02510	0.63500	3			0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0613	0.00000	0.00000	3.2613	0.02510	0.63500	3			4
092.99	Fenbendazole, Miscellaneous (mg / kg (ppm))	0038	0.00000	0.00000				0			4
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0675	0.00000	0.00000				0			4
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	722.50	93.000	1,077.0	309.70	94.000	3			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0939	1,213.5	59.000	1,077.0	309.70	94.000	3			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0160	1,295.0	130.00	1,077.0	309.70	94.000	3			0
101.02	Choline Chloride, LC (mg / kg (ppm))	2053	618.00	30.000				2			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	1,255.0	30.000				2			0
101.99	Choline Chloride, Miscellaneous (mg / kg (ppm))	0644	922.59	30.820				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	957.00	82.000				1			0
102.02	Niacin, LC (mg / kg (ppm))	0675	662.60	13.750				1			0
102.99	Niacin, Miscellaneous (mg / kg (ppm))	0160	306.00	22.000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	22.100	0.60000				1			0
103.99	Pantothenic Acid, Miscellaneous (mg / kg (ppm))	0160	9.0650	1.6300				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	3.7800	0.26000				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	5.2000	0.40000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	2.0500	0.52000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0208	2.1500	0.14000				2			0
104.99	Riboflavin, Miscellaneous (mg / kg (ppm))	0160	0.66350	0.12100				1			0
105.00	Thiamine, LC (mg / kg (ppm))	0208	2.8885	0.40100	5.3671	3.0910	0.34525	4	-0.80	23%	0
105.00	Thiamine, LC (mg / kg (ppm))	0910	3.4550	0.83000	5.3671	3.0910	0.34525	4	-0.62	18%	0
105.00	Thiamine, LC (mg / kg (ppm))	0227	5.4150	0.15000	5.3671	3.0910	0.34525	4	0.02	0%	0
105.00	Thiamine, LC (mg / kg (ppm))	0629	9.7100	0.00000	5.3671	3.0910	0.34525	4	1.41	40%	0
106.00	Vitamin A, Color (KU / kg)	0171	37.250	0.50000				2			0
106.00	Vitamin A, Color (KU / kg)	0019	46.550	3.6400				2			0
106.01	Vitamin A, UV (KU / kg)	0098	36.400	2.4000				1			0
106.02	Vitamin A, LC (KU / kg)	0555	20.450	0.30000	37.436	7.2564	2.7467	17	-2.34	23%	0
106.02	Vitamin A, LC (KU / kg)	0563	30.545	0.44150	37.436	7.2564	2.7467	17	-0.95	9%	0
106.02	Vitamin A, LC (KU / kg)	0199	31.300	9.2000	37.436	7.2564	2.7467	17	-0.85	8%	0
106.02	Vitamin A, LC (KU / kg)	2004	31.550	2.1000	37.436	7.2564	2.7467	17	-0.81	8%	0
106.02	Vitamin A, LC (KU / kg)	2053	32.100	1.6000	37.436	7.2564	2.7467	17	-0.74	7%	0
106.02	Vitamin A, LC (KU / kg)	0035	33.820	0.54000	37.436	7.2564	2.7467	17	-0.50	5%	0
106.02	Vitamin A, LC (KU / kg)	0861	34.300	1.2000	37.436	7.2564	2.7467	17	-0.43	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			
106.02	Vitamin A, LC (KU / kg)	0160	35.900	1.4000	37.436	7.2564	2.7467	17	-0.21	2%	0
106.02	Vitamin A, LC (KU / kg)	0208	36.707	9.9210	37.436	7.2564	2.7467	17	-0.10	1%	0
106.02	Vitamin A, LC (KU / kg)	0610	39.150	1.3000	37.436	7.2564	2.7467	17	0.24	2%	0
106.02	Vitamin A, LC (KU / kg)	0905	39.616	0.98200	37.436	7.2564	2.7467	17	0.30	3%	0
106.02	Vitamin A, LC (KU / kg)	2103	39.835	1.6500	37.436	7.2564	2.7467	17	0.33	3%	0
106.02	Vitamin A, LC (KU / kg)	0014	40.550	3.3000	37.436	7.2564	2.7467	17	0.43	4%	0
106.02	Vitamin A, LC (KU / kg)	0148	40.900	2.4400	37.436	7.2564	2.7467	17	0.48	5%	0
106.02	Vitamin A, LC (KU / kg)	0689	46.950	2.3000	37.436	7.2564	2.7467	17	1.31	13%	0
106.02	Vitamin A, LC (KU / kg)	0169	51.500	1.0000	37.436	7.2564	2.7467	17	1.94	19%	0
106.02	Vitamin A, LC (KU / kg)	0675	64.060	7.0200	37.436	7.2564	2.7467	17	3.67	36%	0
106.02	Vitamin A, LC (KU / kg)	0910	38,250	2,500.0	37.436	7.2564	2.7467	17	5266.07	51037%	2
107.99	Vitamin B12, Miscellaneous (µg / kg (ppb))	0160	29.600	15.000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	5.0000	0.00000				1			0
108.02	Vitamin D3, LC (KU / kg)	0610	3.2000	0.40000	4.9875	1.3748	0.42000	4	-1.30	18%	0
108.02	Vitamin D3, LC (KU / kg)	0208	5.0350	0.85000	4.9875	1.3748	0.42000	4	0.03	0%	0
108.02	Vitamin D3, LC (KU / kg)	0227	5.1650	0.23000	4.9875	1.3748	0.42000	4	0.13	2%	0
108.02	Vitamin D3, LC (KU / kg)	0675	6.5500	0.20000	4.9875	1.3748	0.42000	4	1.14	16%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0160	0.63650	0.03700				2			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	5.3000	0.66000				2			0
109.02	Vitamin E, LC (IU/kg)	0169	79.000	0.00000	135.94	23.882	4.1396	18	-2.38	21%	0
109.02	Vitamin E, LC (IU/kg)	0590	110.65	0.00000	135.94	23.882	4.1396	18	-1.06	9%	0
109.02	Vitamin E, LC (IU/kg)	2053	111.50	1.0000	135.94	23.882	4.1396	18	-1.02	9%	0
109.02	Vitamin E, LC (IU/kg)	0555	114.95	12.100	135.94	23.882	4.1396	18	-0.88	8%	0
109.02	Vitamin E, LC (IU/kg)	0208	115.80	7.4690	135.94	23.882	4.1396	18	-0.84	7%	0
109.02	Vitamin E, LC (IU/kg)	2103	116.50	1.0000	135.94	23.882	4.1396	18	-0.81	7%	0
109.02	Vitamin E, LC (IU/kg)	0098	120.00	2.0000	135.94	23.882	4.1396	18	-0.67	6%	0
109.02	Vitamin E, LC (IU/kg)	0905	131.50	1.0000	135.94	23.882	4.1396	18	-0.19	2%	0
109.02	Vitamin E, LC (IU/kg)	0563	140.06	0.40340	135.94	23.882	4.1396	18	0.17	2%	0
109.02	Vitamin E, LC (IU/kg)	0610	141.50	9.0000	135.94	23.882	4.1396	18	0.23	2%	0
109.02	Vitamin E, LC (IU/kg)	0941	148.63	11.450	135.94	23.882	4.1396	18	0.53	5%	0
109.02	Vitamin E, LC (IU/kg)	0910	148.95	1.3000	135.94	23.882	4.1396	18	0.54	5%	0
109.02	Vitamin E, LC (IU/kg)	0861	150.00	0.00000	135.94	23.882	4.1396	18	0.59	5%	0
109.02	Vitamin E, LC (IU/kg)	0148	153.80	2.0000	135.94	23.882	4.1396	18	0.75	7%	0
109.02	Vitamin E, LC (IU/kg)	0723	156.18	0.00000	135.94	23.882	4.1396	18	0.85	7%	0
109.02	Vitamin E, LC (IU/kg)	0227	157.00	8.0000	135.94	23.882	4.1396	18	0.88	8%	0
109.02	Vitamin E, LC (IU/kg)	0675	158.09	12.490	135.94	23.882	4.1396	18	0.93	8%	0
109.02	Vitamin E, LC (IU/kg)	0038	173.65	5.3000	135.94	23.882	4.1396	18	1.58	14%	0
109.02	Vitamin E, LC (IU/kg)	0199	94.530	25.940	135.94	23.882	4.1396	18	-1.73	15%	1
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	130.00	4.0000				2			0
109.99	Vitamin E, Miscellaneous (IU/kg)	0160	134.00	4.0000				2			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	1.8150	0.03000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.32750	0.00700				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	
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.85000	0.01400	0.91352	0.02270	0.00715	17	-2.80	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.88000	0.00000	0.91352	0.02270	0.00715	17	-1.48	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.88500	0.01000	0.91352	0.02270	0.00715	17	-1.26	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.90200	0.00200	0.91352	0.02270	0.00715	17	-0.51	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.90700	0.00800	0.91352	0.02270	0.00715	17	-0.29	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.90850	0.00100	0.91352	0.02270	0.00715	17	-0.22	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.91000	0.00000	0.91352	0.02270	0.00715	17	-0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.91000	0.00000	0.91352	0.02270	0.00715	17	-0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.91200	0.00400	0.91352	0.02270	0.00715	17	-0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.91450	0.00100	0.91352	0.02270	0.00715	17	0.04	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.91950	0.00300	0.91352	0.02270	0.00715	17	0.26	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.92000	0.02000	0.91352	0.02270	0.00715	17	0.29	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.92640	0.00780	0.91352	0.02270	0.00715	17	0.57	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.92820	0.00340	0.91352	0.02270	0.00715	17	0.65	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.93350	0.01700	0.91352	0.02270	0.00715	17	0.88	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.94620	0.01040	0.91352	0.02270	0.00715	17	1.44	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.95000	0.02000	0.91352	0.02270	0.00715	17	1.61	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	5.0050	8.2500	0.91352	0.02270	0.00715	17	180.28	224%	2
120.01	Alanine, Pre-col OPA Der (%)	0297	0.82200	0.01800				1			0
120.02	Alanine, Post-col OPA Der (%)	0098	0.96450	0.00700				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.0460	0.01800				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.1607	0.02380	1.2825	0.04554	0.02401	18	-2.67	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.1900	0.02000	1.2825	0.04554	0.02401	18	-2.03	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.2250	0.03000	1.2825	0.04554	0.02401	18	-1.26	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.2450	0.01000	1.2825	0.04554	0.02401	18	-0.82	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.2550	0.09000	1.2825	0.04554	0.02401	18	-0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.2705	0.04400	1.2825	0.04554	0.02401	18	-0.26	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.2740	0.02200	1.2825	0.04554	0.02401	18	-0.19	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.2750	0.01000	1.2825	0.04554	0.02401	18	-0.16	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.2880	0.00200	1.2825	0.04554	0.02401	18	0.12	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.2934	0.00230	1.2825	0.04554	0.02401	18	0.24	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.2950	0.03400	1.2825	0.04554	0.02401	18	0.27	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.2975	0.00300	1.2825	0.04554	0.02401	18	0.33	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.2975	0.00300	1.2825	0.04554	0.02401	18	0.33	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.3100	0.01000	1.2825	0.04554	0.02401	18	0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.3150	0.03600	1.2825	0.04554	0.02401	18	0.71	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.3250	0.00200	1.2825	0.04554	0.02401	18	0.93	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.3400	0.06000	1.2825	0.04554	0.02401	18	1.26	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.3550	0.03000	1.2825	0.04554	0.02401	18	1.59	3%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	1.2870	0.01200				1			0
121.02	Arginine, Post-col OPA Der (%)	0098	1.2690	0.01800				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.4660	0.05800				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			
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.5350	0.01000	1.6321	0.03605	0.01991	18	-2.69	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.5500	0.04000	1.6321	0.03605	0.01991	18	-2.28	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.6000	0.00400	1.6321	0.03605	0.01991	18	-0.89	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.6100	0.00000	1.6321	0.03605	0.01991	18	-0.61	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.6140	0.00200	1.6321	0.03605	0.01991	18	-0.50	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.6150	0.03000	1.6321	0.03605	0.01991	18	-0.47	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.6150	0.01800	1.6321	0.03605	0.01991	18	-0.47	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.6220	0.03400	1.6321	0.03605	0.01991	18	-0.28	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.6230	0.01200	1.6321	0.03605	0.01991	18	-0.25	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.6395	0.00900	1.6321	0.03605	0.01991	18	0.21	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.6400	0.02800	1.6321	0.03605	0.01991	18	0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.6400	0.04000	1.6321	0.03605	0.01991	18	0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.6495	0.00700	1.6321	0.03605	0.01991	18	0.48	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.6550	0.07000	1.6321	0.03605	0.01991	18	0.64	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.6558	0.00080	1.6321	0.03605	0.01991	18	0.66	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.6700	0.04000	1.6321	0.03605	0.01991	18	1.05	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.6915	0.01060	1.6321	0.03605	0.01991	18	1.65	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.7085	0.00300	1.6321	0.03605	0.01991	18	2.12	2%	0
122.01	Aspartic, Pre-col OPA Der (%)	0297	1.5330	0.04000				1			0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.7370	0.02800				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.7235	0.06700				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.30650	0.00100	0.33780	0.02305	0.00641	17	-1.36	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.31250	0.00300	0.33780	0.02305	0.00641	17	-1.10	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.31500	0.01000	0.33780	0.02305	0.00641	17	-0.99	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.31500	0.01000	0.33780	0.02305	0.00641	17	-0.99	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.31750	0.00500	0.33780	0.02305	0.00641	17	-0.88	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.32650	0.01300	0.33780	0.02305	0.00641	17	-0.49	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.33350	0.00300	0.33780	0.02305	0.00641	17	-0.19	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.33600	0.00600	0.33780	0.02305	0.00641	17	-0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.34040	0.00060	0.33780	0.02305	0.00641	17	0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.34300	0.00000	0.33780	0.02305	0.00641	17	0.23	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.34500	0.01000	0.33780	0.02305	0.00641	17	0.31	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.34500	0.01000	0.33780	0.02305	0.00641	17	0.31	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.35000	0.00000	0.33780	0.02305	0.00641	17	0.53	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.35100	0.01200	0.33780	0.02305	0.00641	17	0.57	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.36100	0.00800	0.33780	0.02305	0.00641	17	1.01	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.39500	0.01000	0.33780	0.02305	0.00641	17	2.48	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.46750	0.00740	0.33780	0.02305	0.00641	17	5.63	19%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.71150	0.20940	0.33780	0.02305	0.00641	17	16.21	55%	1
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.31300	0.00200				1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.35350	0.00500				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0723	0.32160	0.00000				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	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.1550	0.01000	3.3425	0.08659	0.04619	18	-2.17	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.2400	0.08000	3.3425	0.08659	0.04619	18	-1.18	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	3.2583	0.01030	3.3425	0.08659	0.04619	18	-0.97	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.2800	0.08000	3.3425	0.08659	0.04619	18	-0.72	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.2870	0.01400	3.3425	0.08659	0.04619	18	-0.64	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.3095	0.01100	3.3425	0.08659	0.04619	18	-0.38	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.3185	0.02900	3.3425	0.08659	0.04619	18	-0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.3200	0.06000	3.3425	0.08659	0.04619	18	-0.26	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.3325	0.02500	3.3425	0.08659	0.04619	18	-0.12	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.3350	0.01200	3.3425	0.08659	0.04619	18	-0.09	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.3370	0.06400	3.3425	0.08659	0.04619	18	-0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.3430	0.02400	3.3425	0.08659	0.04619	18	0.01	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.3948	0.09210	3.3425	0.08659	0.04619	18	0.60	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.3950	0.15000	3.3425	0.08659	0.04619	18	0.61	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.4050	0.05000	3.3425	0.08659	0.04619	18	0.72	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.4528	0.00510	3.3425	0.08659	0.04619	18	1.27	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.4950	0.05000	3.3425	0.08659	0.04619	18	1.76	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.5515	0.06500	3.3425	0.08659	0.04619	18	2.41	3%	0
125.01	Glutamic, Pre-col OPA Der (%)	0297	3.3150	0.14000				1			0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.4025	0.06900				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.4905	0.10500				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.87000	0.02000	0.91805	0.01455	0.01310	18	-3.30	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.87100	0.01400	0.91805	0.01455	0.01310	18	-3.23	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.88000	0.00000	0.91805	0.01455	0.01310	18	-2.61	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.90900	0.03980	0.91805	0.01455	0.01310	18	-0.62	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.91200	0.01000	0.91805	0.01455	0.01310	18	-0.42	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.91450	0.00500	0.91805	0.01455	0.01310	18	-0.24	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.91500	0.01000	0.91805	0.01455	0.01310	18	-0.21	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.91500	0.00600	0.91805	0.01455	0.01310	18	-0.21	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.91750	0.00100	0.91805	0.01455	0.01310	18	-0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.91800	0.01000	0.91805	0.01455	0.01310	18	0.00	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.92350	0.00700	0.91805	0.01455	0.01310	18	0.37	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.92500	0.03000	0.91805	0.01455	0.01310	18	0.48	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.92635	0.00150	0.91805	0.01455	0.01310	18	0.57	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.92750	0.01300	0.91805	0.01455	0.01310	18	0.65	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.93000	0.04000	0.91805	0.01455	0.01310	18	0.82	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.93055	0.00150	0.91805	0.01455	0.01310	18	0.86	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.93250	0.00700	0.91805	0.01455	0.01310	18	0.99	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.96000	0.02000	0.91805	0.01455	0.01310	18	2.88	2%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	0.84550	0.01900				1			0
126.02	Glycine, Post-col OPA Der (%)	0098	0.95050	0.00700				1			0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.0325	0.01700				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			
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.46000	0.00000	0.49895	0.01976	0.00951	18	-1.97	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.47715	0.00350	0.49895	0.01976	0.00951	18	-1.10	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.48000	0.01000	0.49895	0.01976	0.00951	18	-0.96	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.48000	0.00400	0.49895	0.01976	0.00951	18	-0.96	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.48400	0.00800	0.49895	0.01976	0.00951	18	-0.76	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.48500	0.01000	0.49895	0.01976	0.00951	18	-0.71	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.48800	0.00200	0.49895	0.01976	0.00951	18	-0.55	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.49500	0.01000	0.49895	0.01976	0.00951	18	-0.20	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.49700	0.00000	0.49895	0.01976	0.00951	18	-0.10	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.50000	0.02000	0.49895	0.01976	0.00951	18	0.05	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.50500	0.00200	0.49895	0.01976	0.00951	18	0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.51250	0.01900	0.49895	0.01976	0.00951	18	0.69	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.51500	0.01000	0.49895	0.01976	0.00951	18	0.81	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.51500	0.01000	0.49895	0.01976	0.00951	18	0.81	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.51530	0.02320	0.49895	0.01976	0.00951	18	0.83	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.51540	0.00040	0.49895	0.01976	0.00951	18	0.83	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.52000	0.02000	0.49895	0.01976	0.00951	18	1.07	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.52750	0.01900	0.49895	0.01976	0.00951	18	1.44	3%	0
127.01	Histidine, Pre-col OPA Der (%)	0297	0.42000	0.04600				1			0
127.02	Histidine, Post-col OPA Der (%)	0098	0.48450	0.00100				1			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.51600	0.00400				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.60500	0.01000	0.67662	0.03085	0.01084	17	-2.32	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.63850	0.00300	0.67662	0.03085	0.01084	17	-1.24	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.63900	0.00400	0.67662	0.03085	0.01084	17	-1.22	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.65165	0.00710	0.67662	0.03085	0.01084	17	-0.81	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.66050	0.02300	0.67662	0.03085	0.01084	17	-0.52	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.66350	0.00700	0.67662	0.03085	0.01084	17	-0.43	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.66500	0.01000	0.67662	0.03085	0.01084	17	-0.38	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.67050	0.00300	0.67662	0.03085	0.01084	17	-0.20	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.67750	0.00500	0.67662	0.03085	0.01084	17	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.68750	0.00700	0.67662	0.03085	0.01084	17	0.35	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.69000	0.02000	0.67662	0.03085	0.01084	17	0.43	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.69400	0.00600	0.67662	0.03085	0.01084	17	0.56	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.69585	0.04550	0.67662	0.03085	0.01084	17	0.62	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.69965	0.00370	0.67662	0.03085	0.01084	17	0.75	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.70400	0.00000	0.67662	0.03085	0.01084	17	0.89	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.71500	0.01000	0.67662	0.03085	0.01084	17	1.24	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.72000	0.02000	0.67662	0.03085	0.01084	17	1.41	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.83000	0.28000	0.67662	0.03085	0.01084	17	4.97	11%	1
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.68450	0.02700				1			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.67700	0.00400				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.74150	0.00300				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	
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.3185	0.00700	1.3710	0.02865	0.01730	18	-1.83	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.3200	0.02000	1.3710	0.02865	0.01730	18	-1.78	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.3450	0.05000	1.3710	0.02865	0.01730	18	-0.91	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.3464	0.00880	1.3710	0.02865	0.01730	18	-0.86	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.3550	0.01000	1.3710	0.02865	0.01730	18	-0.56	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.3550	0.01000	1.3710	0.02865	0.01730	18	-0.56	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.3655	0.02700	1.3710	0.02865	0.01730	18	-0.19	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.3680	0.01400	1.3710	0.02865	0.01730	18	-0.10	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.3690	0.00600	1.3710	0.02865	0.01730	18	-0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.3741	0.01360	1.3710	0.02865	0.01730	18	0.11	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.3785	0.00700	1.3710	0.02865	0.01730	18	0.26	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.3800	0.06000	1.3710	0.02865	0.01730	18	0.32	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.3815	0.00700	1.3710	0.02865	0.01730	18	0.37	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.3825	0.00500	1.3710	0.02865	0.01730	18	0.40	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.3950	0.01000	1.3710	0.02865	0.01730	18	0.84	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.3980	0.01000	1.3710	0.02865	0.01730	18	0.94	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.4250	0.03000	1.3710	0.02865	0.01730	18	1.89	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.4290	0.01600	1.3710	0.02865	0.01730	18	2.03	2%	0
129.01	Leucine, Pre-col OPA Der (%)	0297	1.3300	0.04600				1			0
129.02	Leucine, Post-col OPA Der (%)	0098	1.3920	0.01600				1			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.4445	0.01300				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.82550	0.02900	0.89730	0.02507	0.01652	17	-2.86	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.87000	0.02000	0.89730	0.02507	0.01652	17	-1.09	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.87500	0.00000	0.89730	0.02507	0.01652	17	-0.89	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.87500	0.03000	0.89730	0.02507	0.01652	17	-0.89	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.88450	0.00100	0.89730	0.02507	0.01652	17	-0.51	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.88500	0.00400	0.89730	0.02507	0.01652	17	-0.49	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.88830	0.01340	0.89730	0.02507	0.01652	17	-0.36	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.89000	0.04000	0.89730	0.02507	0.01652	17	-0.29	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.89300	0.00400	0.89730	0.02507	0.01652	17	-0.17	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.89450	0.01500	0.89730	0.02507	0.01652	17	-0.11	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.91025	0.03790	0.89730	0.02507	0.01652	17	0.52	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.91100	0.02200	0.89730	0.02507	0.01652	17	0.55	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.91150	0.00300	0.89730	0.02507	0.01652	17	0.57	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.91590	0.00860	0.89730	0.02507	0.01652	17	0.74	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.92500	0.03000	0.89730	0.02507	0.01652	17	1.11	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.93050	0.00300	0.89730	0.02507	0.01652	17	1.32	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.94000	0.02000	0.89730	0.02507	0.01652	17	1.70	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.0050	0.09000	0.89730	0.02507	0.01652	17	4.30	6%	1
130.01	L-Lysine, Pre-col OPA Der (%)	0297	0.86750	0.02300				1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.92200	0.02200				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	0.88700	0.00000				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			
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.1945	0.02100				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.25700	0.01200	0.28237	0.01045	0.00795	17	-2.43	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.27000	0.02000	0.28237	0.01045	0.00795	17	-1.18	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.27330	0.01000	0.28237	0.01045	0.00795	17	-0.87	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.27350	0.00300	0.28237	0.01045	0.00795	17	-0.85	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.27400	0.00200	0.28237	0.01045	0.00795	17	-0.80	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.27665	0.00510	0.28237	0.01045	0.00795	17	-0.55	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.28050	0.00500	0.28237	0.01045	0.00795	17	-0.18	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.28050	0.00700	0.28237	0.01045	0.00795	17	-0.18	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.28450	0.00100	0.28237	0.01045	0.00795	17	0.20	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.28450	0.00100	0.28237	0.01045	0.00795	17	0.20	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.28500	0.01000	0.28237	0.01045	0.00795	17	0.25	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.28500	0.01600	0.28237	0.01045	0.00795	17	0.25	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.29000	0.00000	0.28237	0.01045	0.00795	17	0.73	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.29000	0.02000	0.28237	0.01045	0.00795	17	0.73	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.29000	0.02000	0.28237	0.01045	0.00795	17	0.73	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.31000	0.00000	0.28237	0.01045	0.00795	17	2.65	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.32650	0.00300	0.28237	0.01045	0.00795	17	4.23	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.29665	0.03810	0.28237	0.01045	0.00795	17	1.37	3%	1
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.27350	0.00700				1			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.25700	0.00800				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0723	0.29640	0.00000				2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.30900	0.02200				2			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.81500	0.01000	0.84301	0.02167	0.01026	17	-1.29	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.81550	0.00300	0.84301	0.02167	0.01026	17	-1.27	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.81580	0.02560	0.84301	0.02167	0.01026	17	-1.26	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.82000	0.02000	0.84301	0.02167	0.01026	17	-1.06	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.82950	0.00100	0.84301	0.02167	0.01026	17	-0.62	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.83375	0.00330	0.84301	0.02167	0.01026	17	-0.43	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.83500	0.01000	0.84301	0.02167	0.01026	17	-0.37	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.84000	0.02000	0.84301	0.02167	0.01026	17	-0.14	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.84320	0.01260	0.84301	0.02167	0.01026	17	0.01	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.85050	0.00100	0.84301	0.02167	0.01026	17	0.35	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.85400	0.00000	0.84301	0.02167	0.01026	17	0.51	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.85850	0.00900	0.84301	0.02167	0.01026	17	0.71	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.85900	0.01000	0.84301	0.02167	0.01026	17	0.74	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.86200	0.00000	0.84301	0.02167	0.01026	17	0.88	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.86500	0.03000	0.84301	0.02167	0.01026	17	1.01	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.86700	0.00200	0.84301	0.02167	0.01026	17	1.11	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.86750	0.01700	0.84301	0.02167	0.01026	17	1.13	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.82500	0.05000	0.84301	0.02167	0.01026	17	-0.83	1%	1
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.83800	0.02000				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			
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.85850	0.00700				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.97450	0.00700				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.99500	0.01000	1.0902	0.03414	0.02181	18	-2.79	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.0499	0.01330	1.0902	0.03414	0.02181	18	-1.18	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.0500	0.02000	1.0902	0.03414	0.02181	18	-1.18	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.0550	0.01000	1.0902	0.03414	0.02181	18	-1.03	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.0595	0.01700	1.0902	0.03414	0.02181	18	-0.90	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.0795	0.00900	1.0902	0.03414	0.02181	18	-0.31	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.0800	0.00200	1.0902	0.03414	0.02181	18	-0.30	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.0920	0.00400	1.0902	0.03414	0.02181	18	0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.0975	0.01100	1.0902	0.03414	0.02181	18	0.21	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.0976	0.02040	1.0902	0.03414	0.02181	18	0.22	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.0990	0.01200	1.0902	0.03414	0.02181	18	0.26	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.1050	0.05000	1.0902	0.03414	0.02181	18	0.43	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.1050	0.03000	1.0902	0.03414	0.02181	18	0.43	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.1085	0.01900	1.0902	0.03414	0.02181	18	0.54	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.1100	0.08000	1.0902	0.03414	0.02181	18	0.58	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.1135	0.00500	1.0902	0.03414	0.02181	18	0.68	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.1450	0.01000	1.0902	0.03414	0.02181	18	1.60	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.1487	0.06990	1.0902	0.03414	0.02181	18	1.71	3%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.2250	0.05000				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.82500	0.05000	0.87861	0.03619	0.01529	18	-1.48	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.83955	0.03690	0.87861	0.03619	0.01529	18	-1.08	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.84050	0.00100	0.87861	0.03619	0.01529	18	-1.05	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.84050	0.00700	0.87861	0.03619	0.01529	18	-1.05	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.84500	0.01000	0.87861	0.03619	0.01529	18	-0.93	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.86035	0.01130	0.87861	0.03619	0.01529	18	-0.50	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.86500	0.01000	0.87861	0.03619	0.01529	18	-0.38	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.87050	0.00300	0.87861	0.03619	0.01529	18	-0.22	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.87450	0.01300	0.87861	0.03619	0.01529	18	-0.11	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.89150	0.01900	0.87861	0.03619	0.01529	18	0.36	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.89300	0.00600	0.87861	0.03619	0.01529	18	0.40	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.89350	0.00500	0.87861	0.03619	0.01529	18	0.41	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.89500	0.03000	0.87861	0.03619	0.01529	18	0.45	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.90500	0.03000	0.87861	0.03619	0.01529	18	0.73	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.91000	0.02000	0.87861	0.03619	0.01529	18	0.87	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.91605	0.00310	0.87861	0.03619	0.01529	18	1.03	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.92100	0.01200	0.87861	0.03619	0.01529	18	1.17	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.92900	0.00800	0.87861	0.03619	0.01529	18	1.39	3%	0
134.01	Serine, Pre-col OPA Der (%)	0297	0.85700	0.00800				1			0
134.02	Serine, Post-col OPA Der (%)	0098	0.82250	0.01900				1			0
134.05	Serine, Pre-col AQC Der (%)	0626	1.0450	0.03000				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			
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.62600	0.00200	0.66801	0.02287	0.00942	17	-1.84	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.63500	0.01000	0.66801	0.02287	0.00942	17	-1.44	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.64000	0.00000	0.66801	0.02287	0.00942	17	-1.22	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.65450	0.00100	0.66801	0.02287	0.00942	17	-0.59	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.65550	0.00300	0.66801	0.02287	0.00942	17	-0.55	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.66000	0.00000	0.66801	0.02287	0.00942	17	-0.35	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.66565	0.04210	0.66801	0.02287	0.00942	17	-0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.66650	0.01500	0.66801	0.02287	0.00942	17	-0.07	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.66800	0.00600	0.66801	0.02287	0.00942	17	0.00	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.66850	0.00700	0.66801	0.02287	0.00942	17	0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.67800	0.02300	0.66801	0.02287	0.00942	17	0.44	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.67905	0.00310	0.66801	0.02287	0.00942	17	0.48	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.68000	0.00000	0.66801	0.02287	0.00942	17	0.52	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.68350	0.00100	0.66801	0.02287	0.00942	17	0.68	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.69000	0.02000	0.66801	0.02287	0.00942	17	0.96	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.69600	0.01400	0.66801	0.02287	0.00942	17	1.22	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.72250	0.01300	0.66801	0.02287	0.00942	17	2.38	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.83000	0.28000	0.66801	0.02287	0.00942	17	7.08	12%	1
135.01	Threonine, Pre-col OPA Der (%)	0297	0.68100	0.01200				1			0
135.02	Threonine, Post-col OPA Der (%)	0098	0.66750	0.01300				1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.72300	0.00200				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.20530	0.00300	0.24036	0.02631	0.00680	5	-1.33	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.22500	0.01000	0.24036	0.02631	0.00680	5	-0.58	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.24050	0.01700	0.24036	0.02631	0.00680	5	0.01	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.26100	0.00400	0.24036	0.02631	0.00680	5	0.78	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.27000	0.00000	0.24036	0.02631	0.00680	5	1.13	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.24020	0.05200	0.24036	0.02631	0.00680	5	-0.01	0%	1
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.23500	0.00000	0.24017	0.00690	0.00100	3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.23750	0.00100	0.24017	0.00690	0.00100	3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.24800	0.00200	0.24017	0.00690	0.00100	3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.23850	0.00300				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.23850	0.00100	0.25025	0.00819	0.00600	4	-1.43	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.25200	0.01400	0.25025	0.00819	0.00600	4	0.21	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.25300	0.00400	0.25025	0.00819	0.00600	4	0.34	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.25750	0.00500	0.25025	0.00819	0.00600	4	0.89	1%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.17000	0.00000				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.35970	0.02300	0.58427	0.06230	0.01388	13	-3.60	19%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.49500	0.01000	0.58427	0.06230	0.01388	13	-1.43	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.53000	0.02000	0.58427	0.06230	0.01388	13	-0.87	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.54000	0.02000	0.58427	0.06230	0.01388	13	-0.71	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.58500	0.05000	0.58427	0.06230	0.01388	13	0.01	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.59650	0.00300	0.58427	0.06230	0.01388	13	0.20	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			
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.59950	0.00700	0.58427	0.06230	0.01388	13	0.24	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.60500	0.01000	0.58427	0.06230	0.01388	13	0.33	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.60800	0.00200	0.58427	0.06230	0.01388	13	0.38	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.61750	0.02300	0.58427	0.06230	0.01388	13	0.53	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.62000	0.00600	0.58427	0.06230	0.01388	13	0.57	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.63050	0.00500	0.58427	0.06230	0.01388	13	0.74	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.68235	0.00150	0.58427	0.06230	0.01388	13	1.57	8%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.62300	0.01600				1			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.58250	0.00100				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.72700	0.05800				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.77900	0.01600	0.85351	0.03355	0.01164	17	-2.22	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.80500	0.01000	0.85351	0.03355	0.01164	17	-1.45	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.82000	0.00000	0.85351	0.03355	0.01164	17	-1.00	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.82550	0.00300	0.85351	0.03355	0.01164	17	-0.83	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.82850	0.00900	0.85351	0.03355	0.01164	17	-0.75	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.83650	0.00300	0.85351	0.03355	0.01164	17	-0.51	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.85150	0.01100	0.85351	0.03355	0.01164	17	-0.06	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.85750	0.00100	0.85351	0.03355	0.01164	17	0.12	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.85840	0.00800	0.85351	0.03355	0.01164	17	0.15	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.85850	0.00900	0.85351	0.03355	0.01164	17	0.15	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.86500	0.01000	0.85351	0.03355	0.01164	17	0.34	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.87095	0.01650	0.85351	0.03355	0.01164	17	0.52	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.87275	0.04430	0.85351	0.03355	0.01164	17	0.57	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.87800	0.00200	0.85351	0.03355	0.01164	17	0.73	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.88450	0.00500	0.85351	0.03355	0.01164	17	0.92	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.89000	0.04000	0.85351	0.03355	0.01164	17	1.09	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.90500	0.01000	0.85351	0.03355	0.01164	17	1.53	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.88000	0.06000	0.85351	0.03355	0.01164	17	0.79	2%	1
138.01	Valine, Pre-col OPA Der (%)	0297	0.88700	0.05400				1			0
138.02	Valine, Post-col OPA Der (%)	0098	0.90300	0.00800				1			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.98650	0.01100				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.01500	0.01000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.13500	0.03000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0619	0.08890	0.00220	0.43523	0.35096	0.02355	4	-0.99	40%	0
160.99	Fructose, Miscellaneous (%)	2004	0.25250	0.03700	0.43523	0.35096	0.02355	4	-0.52	21%	0
160.99	Fructose, Miscellaneous (%)	0297	0.50450	0.04500	0.43523	0.35096	0.02355	4	0.20	8%	0
160.99	Fructose, Miscellaneous (%)	0227	0.89500	0.01000	0.43523	0.35096	0.02355	4	1.31	53%	0
160.99	Fructose, Miscellaneous (%)	0160	0.00000	0.00000	0.43523	0.35096	0.02355	4			4
161.99	Galactose, Miscellaneous (%)	2004	0.05705	0.00650				1			0
162.99	Glucose, Miscellaneous (%)	0619	0.07690	0.00220	0.34598	0.21021	0.08355	4	-1.28	39%	0
162.99	Glucose, Miscellaneous (%)	2004	0.28200	0.07200	0.34598	0.21021	0.08355	4	-0.30	9%	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			
162.99	Glucose, Miscellaneous (%)	0297	0.49500	0.18000	0.34598	0.21021	0.08355	4	0.71	22%	0
162.99	Glucose, Miscellaneous (%)	0227	0.53000	0.08000	0.34598	0.21021	0.08355	4	0.88	27%	0
162.99	Glucose, Miscellaneous (%)	0160	0.00000	0.00000	0.34598	0.21021	0.08355	4			4
163.99	Lactose, Miscellaneous (%)	0227	0.53000	0.08000				1			0
163.99	Lactose, Miscellaneous (%)	0160	0.00000	0.00000				1			4
163.99	Lactose, Miscellaneous (%)	0619	0.00000	0.00000				1			4
163.99	Lactose, Miscellaneous (%)	2004	0.00000	0.00000				1			4
164.99	Maltose, Miscellaneous (%)	2004	0.26600	0.04400	0.61800	0.49780	0.18133	3			0
164.99	Maltose, Miscellaneous (%)	0629	0.97000	0.00000	0.61800	0.49780	0.18133	3			0
164.99	Maltose, Miscellaneous (%)	0160	1.4500	0.50000	0.61800	0.49780	0.18133	3			0
164.99	Maltose, Miscellaneous (%)	0297	0.00000	0.00000	0.61800	0.49780	0.18133	3			4
165.99	Sucrose, Miscellaneous (%)	0160	1.5000	0.00000	1.7794	0.25180	0.05083	6	-1.11	8%	0
165.99	Sucrose, Miscellaneous (%)	0629	1.5450	0.01000	1.7794	0.25180	0.05083	6	-0.93	7%	0
165.99	Sucrose, Miscellaneous (%)	2004	1.7450	0.03000	1.7794	0.25180	0.05083	6	-0.14	1%	0
165.99	Sucrose, Miscellaneous (%)	0297	1.8745	0.11900	1.7794	0.25180	0.05083	6	0.38	3%	0
165.99	Sucrose, Miscellaneous (%)	0619	1.9867	0.01600	1.7794	0.25180	0.05083	6	0.82	6%	0
165.99	Sucrose, Miscellaneous (%)	0227	2.0250	0.13000	1.7794	0.25180	0.05083	6	0.98	7%	0
166.99	Raffinose, Miscellaneous (%)	0227	0.35500	0.09000	0.74523	0.35901	0.04913	3			0
166.99	Raffinose, Miscellaneous (%)	0619	0.81920	0.01040	0.74523	0.35901	0.04913	3			0
166.99	Raffinose, Miscellaneous (%)	0297	1.0615	0.04700	0.74523	0.35901	0.04913	3			0
167.99	Stachyose, Miscellaneous (%)	0227	0.35000	0.04000	0.75488	0.35076	0.03130	3			0
167.99	Stachyose, Miscellaneous (%)	0619	0.94815	0.01690	0.75488	0.35076	0.03130	3			0
167.99	Stachyose, Miscellaneous (%)	0297	0.96650	0.03700	0.75488	0.35076	0.03130	3			0
354.01	Decoquinat, residual, LC (µg / kg (ppb))	0910	910.00	20.000				2			0
354.01	Decoquinat, residual, LC (µg / kg (ppb))	0027	942.45	28.700				2			0
354.02	Decoquinat, residual, LC-MS (µg / kg (ppb))	2053	0.66500	0.39000				1			0
354.03	Decoquinat, residual, LC-MS/MS (µg / kg (ppb))	0610	895.00	10.000				1			0
361.02	Lasalocid sodium, residual, LC (µg / kg (ppb))	0027	2,049.5	3.0000				2			0
361.02	Lasalocid sodium, residual, LC (µg / kg (ppb))	0910	2,130.0	220.00				2			0
361.03	Lasalocid sodium, residual, LC-MS (µg / kg (ppb))	2053	2.4450	0.07000				0			3
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (p	0218	2,045.0	230.00	2,475.0	388.30	110.00	3			0
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (p	0610	2,580.0	100.00	2,475.0	388.30	110.00	3			0
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (p	0555	2,800.0	0.00000	2,475.0	388.30	110.00	3			0
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (p	0553	1.8400	0.50000	2,475.0	388.30	110.00	3			3
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0610	605.00	10.000				1			0
373.03	Oxytetracycline, residual, LC (µg / kg (ppb))	0910	4,540.0	1,580.0				1			0
373.04	Oxytetracycline, residual, LC-MS (µg / kg (ppb))	2053	3.5000	0.00000				1			0
373.05	Oxytetracycline, residual, LC-MS/MS (µg / kg (ppb	0160	1,795.0	210.00				1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.39250	0.00700	0.41914	0.03657	0.01543	4	-0.73	3%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.39900	0.01200	0.41914	0.03657	0.01543	4	-0.55	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.41250	0.00100	0.41914	0.03657	0.01543	4	-0.18	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.47255	0.04170	0.41914	0.03657	0.01543	4	1.46	6%	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			
400.99	Water activity, Miscellaneous (Units)	2073	0.41250	0.00300				2			0
400.99	Water activity, Miscellaneous (Units)	0843	0.42400	0.00000				2			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.10500	0.01000				1			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.10800	0.00200				2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.16500	0.01000				2			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0199	0.09000	0.02000	0.11961	0.03500	0.01565	6	-0.85	12%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.09480	0.00460	0.11961	0.03500	0.01565	6	-0.71	10%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.10325	0.01950	0.11961	0.03500	0.01565	6	-0.47	7%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0168	0.11610	0.02480	0.11961	0.03500	0.01565	6	-0.10	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.14600	0.01200	0.11961	0.03500	0.01565	6	0.75	11%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.16750	0.01300	0.11961	0.03500	0.01565	6	1.37	20%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.04500	0.00000	0.06400	0.02296	0.00425	4	-0.83	15%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0968	0.05000	0.00000	0.06400	0.02296	0.00425	4	-0.61	11%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.06500	0.01000	0.06400	0.02296	0.00425	4	0.04	1%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.09600	0.00700	0.06400	0.02296	0.00425	4	1.39	25%	0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.08190	0.00140				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.08600	0.00200				2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.07755	0.00610	0.08849	0.00816	0.01526	5	-1.34	6%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.08550	0.01300	0.08849	0.00816	0.01526	5	-0.37	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.08870	0.00660	0.08849	0.00816	0.01526	5	0.03	0%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.09070	0.01060	0.08849	0.00816	0.01526	5	0.27	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.10000	0.04000	0.08849	0.00816	0.01526	5	1.41	7%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	3.0750	0.07000	3.2465	0.28458	0.16300	3			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	3.0895	0.32900	3.2465	0.28458	0.16300	3			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	3.5750	0.09000	3.2465	0.28458	0.16300	3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	6.5750	0.01000				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0508	7.7765	0.50900				2			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.6500	0.10000				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	3.4427	1.2963	5.3701	1.7964	1.9734	3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	5.6700	2.1800	5.3701	1.7964	1.9734	3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0168	6.9976	2.4440	5.3701	1.7964	1.9734	3			0
520.99	Chromium, Miscellaneous (mg / kg (ppm))	0968	4.4860	0.18600				1			0
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0689	0.54500	0.09000				1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.04500	0.01000				1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.00000	0.00000				1			4
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0508	0.25125	0.05430				1			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.13000	0.00000				2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.20650	0.01700				2			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.11900	0.01000	0.13984	0.02174	0.01932	6	-0.96	7%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.12550	0.00100	0.13984	0.02174	0.01932	6	-0.66	5%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0199	0.13500	0.01000	0.13984	0.02174	0.01932	6	-0.22	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.13710	0.02980	0.13984	0.02174	0.01932	6	-0.13	1%	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			
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.15000	0.03800	0.13984	0.02174	0.01932	6	0.47	4%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0168	0.18725	0.02710	0.13984	0.02174	0.01932	6	2.18	17%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0199	0.00000	0.00000				0			4
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	3.6000	0.00000				2			0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	3.6240	0.32600				2			0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0508	4.6845	0.00100				1			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.7000	0.20000				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	2.4847	1.0017				2			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	3.8900	1.1000				2			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.