



Proficiency For Individual Methods

Sample # 201530

Dairy Feed, Medicated

All Tests Report  
Regular Program

# Labs Reporting: 213

Issue Date : 11/30/2015

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.30000	0.00000			0.00000	1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	8.2350	0.23000	10.150	0.30734	0.10026	9	-6.23	9%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2048	9.1460	0.05400	10.150	0.30734	0.10026	9	-3.27	5%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	10.050	0.04000	10.150	0.30734	0.10026	9	-0.32	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	10.135	0.01000	10.150	0.30734	0.10026	9	-0.05	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	10.138	0.05900	10.150	0.30734	0.10026	9	-0.04	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	10.170	0.26000	10.150	0.30734	0.10026	9	0.07	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	10.305	0.01170	10.150	0.30734	0.10026	9	0.50	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0183	10.643	0.05760	10.150	0.30734	0.10026	9	1.60	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	10.820	0.18000	10.150	0.30734	0.10026	9	2.18	3%	0
001.03	Loss on Drying, Low temp. methods (%)	2086	10.240	0.00000	10.417	0.07061	0.03273	11	-2.51	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	10.325	0.01000	10.417	0.07061	0.03273	11	-1.30	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2093	10.390	0.02000	10.417	0.07061	0.03273	11	-0.38	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	10.395	0.05000	10.417	0.07061	0.03273	11	-0.31	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	10.405	0.01000	10.417	0.07061	0.03273	11	-0.17	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	10.405	0.01000	10.417	0.07061	0.03273	11	-0.17	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	10.445	0.01000	10.417	0.07061	0.03273	11	0.40	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	10.450	0.10000	10.417	0.07061	0.03273	11	0.47	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0900	10.460	0.04000	10.417	0.07061	0.03273	11	0.61	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2091	10.495	0.01000	10.417	0.07061	0.03273	11	1.11	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	10.590	0.10000	10.417	0.07061	0.03273	11	2.45	1%	0
001.05	Loss on Drying, LECO (%)	0610	10.395	0.01000			0.01000	1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	8.6150	0.07000	10.369	0.23999	0.09679	38	-7.31	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	9.8500	0.14000	10.369	0.23999	0.09679	38	-2.16	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.9050	0.09000	10.369	0.23999	0.09679	38	-1.93	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.9800	0.08000	10.369	0.23999	0.09679	38	-1.62	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.9950	0.17000	10.369	0.23999	0.09679	38	-1.56	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	10.020	0.32000	10.369	0.23999	0.09679	38	-1.45	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	10.035	0.11000	10.369	0.23999	0.09679	38	-1.39	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	10.050	0.30000	10.369	0.23999	0.09679	38	-1.33	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0178	10.120	0.24000	10.369	0.23999	0.09679	38	-1.04	1%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	10.235	0.01000	10.369	0.23999	0.09679	38	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	10.240	0.04000	10.369	0.23999	0.09679	38	-0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	10.245	0.01000	10.369	0.23999	0.09679	38	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	10.305	0.01000	10.369	0.23999	0.09679	38	-0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	10.335	0.01000	10.369	0.23999	0.09679	38	-0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	10.335	0.03000	10.369	0.23999	0.09679	38	-0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	10.340	0.00000	10.369	0.23999	0.09679	38	-0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	10.340	0.34000	10.369	0.23999	0.09679	38	-0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	10.344	0.04990	10.369	0.23999	0.09679	38	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	10.380	0.08000	10.369	0.23999	0.09679	38	0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	10.390	0.10000	10.369	0.23999	0.09679	38	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	10.415	0.01000	10.369	0.23999	0.09679	38	0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	10.423	0.10500	10.369	0.23999	0.09679	38	0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	10.425	0.35000	10.369	0.23999	0.09679	38	0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	10.425	0.01000	10.369	0.23999	0.09679	38	0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	10.429	0.00300	10.369	0.23999	0.09679	38	0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	10.450	0.10000	10.369	0.23999	0.09679	38	0.34	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0896	10.470	0.00000	10.369	0.23999	0.09679	38	0.42	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	10.480	0.32000	10.369	0.23999	0.09679	38	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	10.485	0.07000	10.369	0.23999	0.09679	38	0.48	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	10.500	0.20000	10.369	0.23999	0.09679	38	0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	10.600	0.00000	10.369	0.23999	0.09679	38	0.96	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	10.650	0.10000	10.369	0.23999	0.09679	38	1.17	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2011	10.650	0.04000	10.369	0.23999	0.09679	38	1.17	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	10.655	0.01000	10.369	0.23999	0.09679	38	1.19	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	10.740	0.00000	10.369	0.23999	0.09679	38	1.55	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	10.875	0.11000	10.369	0.23999	0.09679	38	2.11	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	11.300	0.00000	10.369	0.23999	0.09679	38	3.88	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	11.385	0.05000	10.369	0.23999	0.09679	38	4.23	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	9.7750	0.89000	10.369	0.23999	0.09679	38	-2.47	3%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	10.190	0.12000			0.21000	2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	10.550	0.30000			0.21000	2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	8.4400	0.00000	10.120	0.42946	0.09375	16	-3.91	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.4500	0.30000	10.120	0.42946	0.09375	16	-1.56	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	9.5600	0.32000	10.120	0.42946	0.09375	16	-1.30	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	9.7700	0.04000	10.120	0.42946	0.09375	16	-0.81	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	9.8900	0.08000	10.120	0.42946	0.09375	16	-0.53	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	9.9650	0.03000	10.120	0.42946	0.09375	16	-0.36	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	10.090	0.00000	10.120	0.42946	0.09375	16	-0.07	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	10.120	0.28000	10.120	0.42946	0.09375	16	0.00	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	10.140	0.12000	10.120	0.42946	0.09375	16	0.05	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	10.220	0.02000	10.120	0.42946	0.09375	16	0.23	0%	0

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001.99	Loss on Drying, Miscellaneous (%)	0720	10.250	0.08000	10.120	0.42946	0.09375	16	0.30	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	10.305	0.01000	10.120	0.42946	0.09375	16	0.43	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2018	10.385	0.09000	10.120	0.42946	0.09375	16	0.62	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	10.695	0.09000	10.120	0.42946	0.09375	16	1.34	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	10.765	0.01000	10.120	0.42946	0.09375	16	1.50	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	10.905	0.03000	10.120	0.42946	0.09375	16	1.83	4%	0
002.00	Protein, Crude (%)	0169	15.150	0.02000	15.443	0.21926	0.07000	4	-1.33	1%	0
002.00	Protein, Crude (%)	0845	15.435	0.17000	15.443	0.21926	0.07000	4	-0.03	0%	0
002.00	Protein, Crude (%)	0940	15.510	0.00000	15.443	0.21926	0.07000	4	0.31	0%	0
002.00	Protein, Crude (%)	0028	15.675	0.09000	15.443	0.21926	0.07000	4	1.06	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	14.825	0.01000	15.345	0.21284	0.13092	12	-2.44	2%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	14.965	0.13000	15.345	0.21284	0.13092	12	-1.78	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0896	15.200	0.02000	15.345	0.21284	0.13092	12	-0.68	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0870	15.217	0.19600	15.345	0.21284	0.13092	12	-0.60	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0062	15.345	0.08400	15.345	0.21284	0.13092	12	0.00	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	15.350	0.30000	15.345	0.21284	0.13092	12	0.02	0%	0
002.01	Protein, Auto Kjel-Foss (%)	2023	15.360	0.12000	15.345	0.21284	0.13092	12	0.07	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0723	15.450	0.00000	15.345	0.21284	0.13092	12	0.49	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	15.475	0.11100	15.345	0.21284	0.13092	12	0.61	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	15.500	0.20000	15.345	0.21284	0.13092	12	0.73	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	15.550	0.30000	15.345	0.21284	0.13092	12	0.96	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	15.610	0.10000	15.345	0.21284	0.13092	12	1.25	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	14.785	0.13000	15.272	0.42705	0.10297	3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	15.450	0.12000	15.272	0.42705	0.10297	3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	15.582	0.05890	15.272	0.42705	0.10297	3			0
002.04	Protein, Copper Catalyst (%)	0874	14.905	0.29000	15.335	0.42117	0.20400	7	-1.02	1%	0
002.04	Protein, Copper Catalyst (%)	0187	15.005	0.05000	15.335	0.42117	0.20400	7	-0.78	1%	0
002.04	Protein, Copper Catalyst (%)	0405	15.110	0.16000	15.335	0.42117	0.20400	7	-0.53	1%	0
002.04	Protein, Copper Catalyst (%)	0728	15.310	0.04000	15.335	0.42117	0.20400	7	-0.06	0%	0
002.04	Protein, Copper Catalyst (%)	0638	15.441	0.10800	15.335	0.42117	0.20400	7	0.25	0%	0
002.04	Protein, Copper Catalyst (%)	0504	15.605	0.35000	15.335	0.42117	0.20400	7	0.64	1%	0
002.04	Protein, Copper Catalyst (%)	2057	16.415	0.43000	15.335	0.42117	0.20400	7	2.57	4%	0
002.05	Protein, Copper, Boric Acid (%)	2022	14.920	0.00000	15.399	0.16834	0.07851	38	-2.85	2%	0
002.05	Protein, Copper, Boric Acid (%)	2091	15.050	0.10000	15.399	0.16834	0.07851	38	-2.07	1%	0
002.05	Protein, Copper, Boric Acid (%)	2068	15.085	0.07000	15.399	0.16834	0.07851	38	-1.87	1%	0
002.05	Protein, Copper, Boric Acid (%)	2097	15.142	0.06250	15.399	0.16834	0.07851	38	-1.53	1%	0
002.05	Protein, Copper, Boric Acid (%)	2011	15.150	0.10000	15.399	0.16834	0.07851	38	-1.48	1%	0
002.05	Protein, Copper, Boric Acid (%)	2073	15.180	0.14000	15.399	0.16834	0.07851	38	-1.30	1%	0
002.05	Protein, Copper, Boric Acid (%)	2048	15.217	0.04700	15.399	0.16834	0.07851	38	-1.08	1%	0
002.05	Protein, Copper, Boric Acid (%)	0943	15.250	0.08000	15.399	0.16834	0.07851	38	-0.89	0%	0
002.05	Protein, Copper, Boric Acid (%)	0921	15.280	0.16000	15.399	0.16834	0.07851	38	-0.71	0%	0
002.05	Protein, Copper, Boric Acid (%)	0651	15.336	0.04000	15.399	0.16834	0.07851	38	-0.37	0%	0

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002.05	Protein, Copper, Boric Acid (%)	2012	15.340	0.28000	15.399	0.16834	0.07851	38	-0.35	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	15.342	0.02680	15.399	0.16834	0.07851	38	-0.34	0%	0
002.05	Protein, Copper, Boric Acid (%)	0689	15.350	0.30000	15.399	0.16834	0.07851	38	-0.29	0%	0
002.05	Protein, Copper, Boric Acid (%)	2058	15.350	0.00000	15.399	0.16834	0.07851	38	-0.29	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	15.353	0.03300	15.399	0.16834	0.07851	38	-0.28	0%	0
002.05	Protein, Copper, Boric Acid (%)	0015	15.380	0.20000	15.399	0.16834	0.07851	38	-0.11	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	15.380	0.14000	15.399	0.16834	0.07851	38	-0.11	0%	0
002.05	Protein, Copper, Boric Acid (%)	0194	15.385	0.03000	15.399	0.16834	0.07851	38	-0.08	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	15.390	0.02000	15.399	0.16834	0.07851	38	-0.05	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	15.407	0.03400	15.399	0.16834	0.07851	38	0.05	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	15.435	0.01000	15.399	0.16834	0.07851	38	0.21	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	15.445	0.05000	15.399	0.16834	0.07851	38	0.27	0%	0
002.05	Protein, Copper, Boric Acid (%)	0900	15.455	0.01000	15.399	0.16834	0.07851	38	0.33	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	15.485	0.01000	15.399	0.16834	0.07851	38	0.51	0%	0
002.05	Protein, Copper, Boric Acid (%)	0552	15.490	0.04000	15.399	0.16834	0.07851	38	0.54	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	15.495	0.11000	15.399	0.16834	0.07851	38	0.57	0%	0
002.05	Protein, Copper, Boric Acid (%)	0955	15.500	0.20000	15.399	0.16834	0.07851	38	0.60	0%	0
002.05	Protein, Copper, Boric Acid (%)	2086	15.510	0.02000	15.399	0.16834	0.07851	38	0.66	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	15.515	0.01000	15.399	0.16834	0.07851	38	0.69	0%	0
002.05	Protein, Copper, Boric Acid (%)	2093	15.520	0.02000	15.399	0.16834	0.07851	38	0.72	0%	0
002.05	Protein, Copper, Boric Acid (%)	0893	15.525	0.01000	15.399	0.16834	0.07851	38	0.75	0%	0
002.05	Protein, Copper, Boric Acid (%)	0937	15.525	0.01000	15.399	0.16834	0.07851	38	0.75	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	15.550	0.02000	15.399	0.16834	0.07851	38	0.90	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	15.550	0.10000	15.399	0.16834	0.07851	38	0.90	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	15.585	0.07000	15.399	0.16834	0.07851	38	1.10	1%	0
002.05	Protein, Copper, Boric Acid (%)	0948	15.600	0.12000	15.399	0.16834	0.07851	38	1.19	1%	0
002.05	Protein, Copper, Boric Acid (%)	2106	15.800	0.22000	15.399	0.16834	0.07851	38	2.38	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	15.895	0.09000	15.399	0.16834	0.07851	38	2.95	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	13.850	0.10000	15.702	0.26877	0.15697	130	-6.89	6%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	14.560	0.42000	15.702	0.26877	0.15697	130	-4.25	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	14.975	0.15000	15.702	0.26877	0.15697	130	-2.70	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	15.165	0.01000	15.702	0.26877	0.15697	130	-2.00	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	15.194	0.04200	15.702	0.26877	0.15697	130	-1.89	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	15.207	0.00800	15.702	0.26877	0.15697	130	-1.84	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	15.260	0.02000	15.702	0.26877	0.15697	130	-1.64	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	15.265	0.07000	15.702	0.26877	0.15697	130	-1.62	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	15.275	0.01000	15.702	0.26877	0.15697	130	-1.59	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	15.295	0.00120	15.702	0.26877	0.15697	130	-1.51	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	15.300	0.20000	15.702	0.26877	0.15697	130	-1.49	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	15.335	0.19000	15.702	0.26877	0.15697	130	-1.36	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	15.345	0.07000	15.702	0.26877	0.15697	130	-1.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	15.350	0.10000	15.702	0.26877	0.15697	130	-1.31	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	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	15.370	0.10000	15.702	0.26877	0.15697	130	-1.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	15.400	0.60000	15.702	0.26877	0.15697	130	-1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	15.420	0.20000	15.702	0.26877	0.15697	130	-1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	15.420	0.18000	15.702	0.26877	0.15697	130	-1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	15.425	0.05000	15.702	0.26877	0.15697	130	-1.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	15.433	0.05100	15.702	0.26877	0.15697	130	-1.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	15.435	0.25000	15.702	0.26877	0.15697	130	-0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	15.445	0.29000	15.702	0.26877	0.15697	130	-0.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0958	15.445	0.09000	15.702	0.26877	0.15697	130	-0.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	15.460	0.34000	15.702	0.26877	0.15697	130	-0.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	15.475	0.15000	15.702	0.26877	0.15697	130	-0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	15.480	0.02000	15.702	0.26877	0.15697	130	-0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	15.490	0.08000	15.702	0.26877	0.15697	130	-0.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	15.495	0.07000	15.702	0.26877	0.15697	130	-0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	15.500	0.20000	15.702	0.26877	0.15697	130	-0.75	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	15.500	0.40000	15.702	0.26877	0.15697	130	-0.75	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	15.500	0.41810	15.702	0.26877	0.15697	130	-0.75	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	15.505	0.29000	15.702	0.26877	0.15697	130	-0.73	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	15.508	0.02810	15.702	0.26877	0.15697	130	-0.72	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	15.510	0.22000	15.702	0.26877	0.15697	130	-0.71	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2018	15.520	0.04000	15.702	0.26877	0.15697	130	-0.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	15.540	0.08000	15.702	0.26877	0.15697	130	-0.60	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	15.550	0.20000	15.702	0.26877	0.15697	130	-0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	15.560	0.02000	15.702	0.26877	0.15697	130	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	15.560	0.00000	15.702	0.26877	0.15697	130	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	15.563	0.16300	15.702	0.26877	0.15697	130	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	15.575	0.03000	15.702	0.26877	0.15697	130	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0039	15.577	0.30320	15.702	0.26877	0.15697	130	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	15.579	0.26600	15.702	0.26877	0.15697	130	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	15.579	0.11000	15.702	0.26877	0.15697	130	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	15.595	0.07000	15.702	0.26877	0.15697	130	-0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	15.600	0.00000	15.702	0.26877	0.15697	130	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	15.600	0.20000	15.702	0.26877	0.15697	130	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	15.600	0.00000	15.702	0.26877	0.15697	130	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	15.600	0.00000	15.702	0.26877	0.15697	130	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	15.605	0.09000	15.702	0.26877	0.15697	130	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	15.635	0.11000	15.702	0.26877	0.15697	130	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	15.640	0.08000	15.702	0.26877	0.15697	130	-0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	15.645	0.01000	15.702	0.26877	0.15697	130	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	15.650	0.10000	15.702	0.26877	0.15697	130	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	15.650	0.02000	15.702	0.26877	0.15697	130	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	15.660	0.18000	15.702	0.26877	0.15697	130	-0.15	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	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	15.665	0.07000	15.702	0.26877	0.15697	130	-0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2058	15.670	0.18000	15.702	0.26877	0.15697	130	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	15.675	0.01000	15.702	0.26877	0.15697	130	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	15.680	0.22000	15.702	0.26877	0.15697	130	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	15.685	0.01000	15.702	0.26877	0.15697	130	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	15.690	0.00000	15.702	0.26877	0.15697	130	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	15.690	0.04000	15.702	0.26877	0.15697	130	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	15.695	0.07000	15.702	0.26877	0.15697	130	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2003	15.698	0.02500	15.702	0.26877	0.15697	130	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	15.700	0.16700	15.702	0.26877	0.15697	130	-0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0123	15.700	0.02000	15.702	0.26877	0.15697	130	-0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	15.700	0.00000	15.702	0.26877	0.15697	130	-0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	15.700	0.00000	15.702	0.26877	0.15697	130	-0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	15.700	0.00000	15.702	0.26877	0.15697	130	-0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	15.705	0.01000	15.702	0.26877	0.15697	130	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	15.710	0.18000	15.702	0.26877	0.15697	130	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	15.748	0.07100	15.702	0.26877	0.15697	130	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	15.750	0.10000	15.702	0.26877	0.15697	130	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	15.755	0.03000	15.702	0.26877	0.15697	130	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	15.760	0.08000	15.702	0.26877	0.15697	130	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	15.775	0.04640	15.702	0.26877	0.15697	130	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	15.780	0.02000	15.702	0.26877	0.15697	130	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	15.785	0.13000	15.702	0.26877	0.15697	130	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	15.790	0.50000	15.702	0.26877	0.15697	130	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	15.800	0.00000	15.702	0.26877	0.15697	130	0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	15.807	0.27200	15.702	0.26877	0.15697	130	0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	15.815	0.05000	15.702	0.26877	0.15697	130	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	15.815	0.37000	15.702	0.26877	0.15697	130	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	15.815	0.03000	15.702	0.26877	0.15697	130	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0178	15.820	0.14000	15.702	0.26877	0.15697	130	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	15.823	0.01500	15.702	0.26877	0.15697	130	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	15.835	0.05000	15.702	0.26877	0.15697	130	0.50	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	15.837	0.55500	15.702	0.26877	0.15697	130	0.50	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2100	15.845	0.15000	15.702	0.26877	0.15697	130	0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	15.850	0.04700	15.702	0.26877	0.15697	130	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	15.850	0.30000	15.702	0.26877	0.15697	130	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	15.850	0.24000	15.702	0.26877	0.15697	130	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	15.855	0.03000	15.702	0.26877	0.15697	130	0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	15.860	0.18000	15.702	0.26877	0.15697	130	0.59	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2016	15.875	0.61000	15.702	0.26877	0.15697	130	0.65	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	15.885	0.09000	15.702	0.26877	0.15697	130	0.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	15.900	0.20000	15.702	0.26877	0.15697	130	0.74	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	15.900	0.20000	15.702	0.26877	0.15697	130	0.74	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	15.900	0.14000	15.702	0.26877	0.15697	130	0.74	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	15.915	0.25000	15.702	0.26877	0.15697	130	0.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	15.915	0.25000	15.702	0.26877	0.15697	130	0.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	15.915	0.17000	15.702	0.26877	0.15697	130	0.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	15.920	0.02000	15.702	0.26877	0.15697	130	0.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	15.935	0.03000	15.702	0.26877	0.15697	130	0.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	15.940	0.45300	15.702	0.26877	0.15697	130	0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	15.940	0.34000	15.702	0.26877	0.15697	130	0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	15.945	0.09000	15.702	0.26877	0.15697	130	0.91	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	15.950	0.10000	15.702	0.26877	0.15697	130	0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	15.950	0.24000	15.702	0.26877	0.15697	130	0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	15.950	0.10000	15.702	0.26877	0.15697	130	0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	15.976	0.08300	15.702	0.26877	0.15697	130	1.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	15.980	0.32000	15.702	0.26877	0.15697	130	1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	16.000	0.00000	15.702	0.26877	0.15697	130	1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	16.000	0.08000	15.702	0.26877	0.15697	130	1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	16.005	0.03000	15.702	0.26877	0.15697	130	1.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	16.010	0.12000	15.702	0.26877	0.15697	130	1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	16.032	0.38700	15.702	0.26877	0.15697	130	1.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	16.050	0.10000	15.702	0.26877	0.15697	130	1.30	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	16.090	0.92000	15.702	0.26877	0.15697	130	1.44	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	16.100	0.12000	15.702	0.26877	0.15697	130	1.48	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	16.130	0.20000	15.702	0.26877	0.15697	130	1.59	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	16.137	0.03500	15.702	0.26877	0.15697	130	1.62	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0960	16.205	0.61000	15.702	0.26877	0.15697	130	1.87	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	16.221	0.22800	15.702	0.26877	0.15697	130	1.93	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	16.249	0.03100	15.702	0.26877	0.15697	130	2.03	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	16.310	0.18000	15.702	0.26877	0.15697	130	2.26	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	16.460	0.56000	15.702	0.26877	0.15697	130	2.82	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0961	16.590	1.0400	15.702	0.26877	0.15697	130	3.31	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	17.130	0.18000	15.702	0.26877	0.15697	130	5.31	5%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	13.755	2.9900	15.702	0.26877	0.15697	130	-7.24	6%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	15.615	1.3700	15.702	0.26877	0.15697	130	-0.32	0%	1
002.08	Protein, Cu/Ti (%)	0098	15.150	0.36000	15.261	0.16445	0.21250	3			0
002.08	Protein, Cu/Ti (%)	0563	15.183	0.17750	15.261	0.16445	0.21250	3			0
002.08	Protein, Cu/Ti (%)	0208	15.450	0.10000	15.261	0.16445	0.21250	3			0
002.10	Protein, Block dig/distillation (%)	0629	15.505	0.01000			0.01000	1			0
002.11	Protein, NIR (%)	0889	15.623	0.31500	16.766	0.67427	0.16100	5	-1.70	3%	0
002.11	Protein, NIR (%)	0613	16.810	0.06000	16.766	0.67427	0.16100	5	0.07	0%	0
002.11	Protein, NIR (%)	0720	16.865	0.01000	16.766	0.67427	0.16100	5	0.15	0%	0
002.11	Protein, NIR (%)	2036	17.240	0.30000	16.766	0.67427	0.16100	5	0.70	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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002.11	Protein, NIR (%)	0852	17.290	0.12000	16.766	0.67427	0.16100	5	0.78	2%	0
002.99	Protein, Miscellaneous (%)	0681	14.385	0.35000	15.545	0.43511	0.11000	4	-2.67	4%	0
002.99	Protein, Miscellaneous (%)	0643	15.085	0.09000	15.545	0.43511	0.11000	4	-1.06	1%	0
002.99	Protein, Miscellaneous (%)	2004	15.600	0.00000	15.545	0.43511	0.11000	4	0.13	0%	0
002.99	Protein, Miscellaneous (%)	2105	15.950	0.00000	15.545	0.43511	0.11000	4	0.93	1%	0
003.00	Fat, Eth Ext., Direct (%)	0142	2.4550	0.15000	3.4922	0.49154	0.08819	13	-2.11	15%	0
003.00	Fat, Eth Ext., Direct (%)	0026	2.8450	0.09000	3.4922	0.49154	0.08819	13	-1.32	9%	0
003.00	Fat, Eth Ext., Direct (%)	0939	3.0300	0.16000	3.4922	0.49154	0.08819	13	-0.94	7%	0
003.00	Fat, Eth Ext., Direct (%)	2053	3.2350	0.07000	3.4922	0.49154	0.08819	13	-0.52	4%	0
003.00	Fat, Eth Ext., Direct (%)	0035	3.2900	0.02000	3.4922	0.49154	0.08819	13	-0.41	3%	0
003.00	Fat, Eth Ext., Direct (%)	0194	3.4350	0.03000	3.4922	0.49154	0.08819	13	-0.12	1%	0
003.00	Fat, Eth Ext., Direct (%)	0615	3.6000	0.16000	3.4922	0.49154	0.08819	13	0.22	2%	0
003.00	Fat, Eth Ext., Direct (%)	2106	3.6800	0.20000	3.4922	0.49154	0.08819	13	0.38	3%	0
003.00	Fat, Eth Ext., Direct (%)	0175	3.6950	0.05000	3.4922	0.49154	0.08819	13	0.41	3%	0
003.00	Fat, Eth Ext., Direct (%)	2058	3.7000	0.08000	3.4922	0.49154	0.08819	13	0.42	3%	0
003.00	Fat, Eth Ext., Direct (%)	0354	3.9750	0.01000	3.4922	0.49154	0.08819	13	0.98	7%	0
003.00	Fat, Eth Ext., Direct (%)	0345	4.0500	0.10000	3.4922	0.49154	0.08819	13	1.13	8%	0
003.00	Fat, Eth Ext., Direct (%)	0309	4.0758	0.02650	3.4922	0.49154	0.08819	13	1.19	8%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	2.0800	0.92000			0.48700	2			0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	3.0529	0.05400			0.48700	2			0
003.06	Fat, Pet Ether (%)	2091	2.7650	0.17000	3.5824	0.46089	0.10446	20	-1.77	11%	0
003.06	Fat, Pet Ether (%)	0574	2.9050	0.11000	3.5824	0.46089	0.10446	20	-1.47	9%	0
003.06	Fat, Pet Ether (%)	0651	2.9685	0.09500	3.5824	0.46089	0.10446	20	-1.33	9%	0
003.06	Fat, Pet Ether (%)	0552	3.0950	0.17000	3.5824	0.46089	0.10446	20	-1.06	7%	0
003.06	Fat, Pet Ether (%)	0294	3.1250	0.01000	3.5824	0.46089	0.10446	20	-0.99	6%	0
003.06	Fat, Pet Ether (%)	0169	3.2800	0.08000	3.5824	0.46089	0.10446	20	-0.66	4%	0
003.06	Fat, Pet Ether (%)	0300	3.3496	0.17410	3.5824	0.46089	0.10446	20	-0.51	3%	0
003.06	Fat, Pet Ether (%)	0083	3.4800	0.26000	3.5824	0.46089	0.10446	20	-0.22	1%	0
003.06	Fat, Pet Ether (%)	0849	3.5750	0.05000	3.5824	0.46089	0.10446	20	-0.02	0%	0
003.06	Fat, Pet Ether (%)	0689	3.6000	0.00000	3.5824	0.46089	0.10446	20	0.04	0%	0
003.06	Fat, Pet Ether (%)	0074	3.6850	0.15000	3.5824	0.46089	0.10446	20	0.22	1%	0
003.06	Fat, Pet Ether (%)	0425	3.7600	0.04000	3.5824	0.46089	0.10446	20	0.39	2%	0
003.06	Fat, Pet Ether (%)	0918	3.7800	0.04000	3.5824	0.46089	0.10446	20	0.43	3%	0
003.06	Fat, Pet Ether (%)	0148	3.8150	0.05000	3.5824	0.46089	0.10446	20	0.50	3%	0
003.06	Fat, Pet Ether (%)	0164	3.9250	0.13000	3.5824	0.46089	0.10446	20	0.74	5%	0
003.06	Fat, Pet Ether (%)	0910	3.9350	0.03000	3.5824	0.46089	0.10446	20	0.77	5%	0
003.06	Fat, Pet Ether (%)	0687	3.9500	0.10000	3.5824	0.46089	0.10446	20	0.80	5%	0
003.06	Fat, Pet Ether (%)	0682	4.0000	0.00000	3.5824	0.46089	0.10446	20	0.91	6%	0
003.06	Fat, Pet Ether (%)	0511	4.0950	0.35000	3.5824	0.46089	0.10446	20	1.11	7%	0
003.06	Fat, Pet Ether (%)	0852	4.4400	0.08000	3.5824	0.46089	0.10446	20	1.86	12%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	2.5733	0.02660	3.4768	0.48595	0.08716	22	-1.86	13%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	2.9495	0.11700	3.4768	0.48595	0.08716	22	-1.09	8%	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	
003.09	Fat, Soxtec, Eth Ext (%)	0098	3.0550	0.27000	3.4768	0.48595	0.08716	22	-0.87	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	3.0700	0.24000	3.4768	0.48595	0.08716	22	-0.84	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	3.1200	0.06000	3.4768	0.48595	0.08716	22	-0.73	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	3.1450	0.03000	3.4768	0.48595	0.08716	22	-0.68	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	3.1500	0.08000	3.4768	0.48595	0.08716	22	-0.67	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0638	3.1750	0.25000	3.4768	0.48595	0.08716	22	-0.62	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	3.1900	0.06000	3.4768	0.48595	0.08716	22	-0.59	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	3.2000	0.06000	3.4768	0.48595	0.08716	22	-0.57	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	3.2650	0.05000	3.4768	0.48595	0.08716	22	-0.44	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	3.5000	0.20000	3.4768	0.48595	0.08716	22	0.05	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	3.5400	0.02000	3.4768	0.48595	0.08716	22	0.13	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	3.6500	0.10000	3.4768	0.48595	0.08716	22	0.36	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	3.8150	0.01000	3.4768	0.48595	0.08716	22	0.70	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	3.8200	0.00000	3.4768	0.48595	0.08716	22	0.71	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0968	3.8400	0.03400	3.4768	0.48595	0.08716	22	0.75	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	3.9750	0.01000	3.4768	0.48595	0.08716	22	1.03	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	4.0000	0.00000	3.4768	0.48595	0.08716	22	1.08	8%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	4.1300	0.22000	3.4768	0.48595	0.08716	22	1.34	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	4.1750	0.05000	3.4768	0.48595	0.08716	22	1.44	10%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	4.2350	0.03000	3.4768	0.48595	0.08716	22	1.56	11%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	2.4700	0.24000	3.1828	0.43732	0.09655	33	-1.63	11%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	2.5600	0.06000	3.1828	0.43732	0.09655	33	-1.42	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	2.5700	0.02000	3.1828	0.43732	0.09655	33	-1.40	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	2.6200	0.04000	3.1828	0.43732	0.09655	33	-1.29	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	2.7700	0.10000	3.1828	0.43732	0.09655	33	-0.94	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	2.8076	0.05670	3.1828	0.43732	0.09655	33	-0.86	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	2.8550	0.23000	3.1828	0.43732	0.09655	33	-0.75	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	2.8700	0.06000	3.1828	0.43732	0.09655	33	-0.72	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	2067	2.8755	0.00700	3.1828	0.43732	0.09655	33	-0.70	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	2.8950	0.21000	3.1828	0.43732	0.09655	33	-0.66	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	2011	2.9350	0.25000	3.1828	0.43732	0.09655	33	-0.57	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0623	2.9360	0.16800	3.1828	0.43732	0.09655	33	-0.56	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	2.9600	0.02000	3.1828	0.43732	0.09655	33	-0.51	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	2.9850	0.01000	3.1828	0.43732	0.09655	33	-0.45	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	3.1525	0.03700	3.1828	0.43732	0.09655	33	-0.07	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2003	3.1826	0.00330	3.1828	0.43732	0.09655	33	0.00	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	3.2600	0.06000	3.1828	0.43732	0.09655	33	0.18	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	3.2650	0.27000	3.1828	0.43732	0.09655	33	0.19	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	3.2700	0.04000	3.1828	0.43732	0.09655	33	0.20	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	3.2750	0.09800	3.1828	0.43732	0.09655	33	0.21	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	3.3125	0.07220	3.1828	0.43732	0.09655	33	0.30	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	3.3559	0.05700	3.1828	0.43732	0.09655	33	0.40	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Soxtec, Pet Ether (%)	0100	3.4500	0.10000	3.1828	0.43732	0.09655	33	0.61	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	2018	3.4650	0.07000	3.1828	0.43732	0.09655	33	0.65	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	3.4850	0.11000	3.1828	0.43732	0.09655	33	0.69	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0178	3.5350	0.01000	3.1828	0.43732	0.09655	33	0.81	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	3.5455	0.19700	3.1828	0.43732	0.09655	33	0.83	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	3.5650	0.05000	3.1828	0.43732	0.09655	33	0.87	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0896	3.6050	0.01000	3.1828	0.43732	0.09655	33	0.97	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	3.6500	0.10000	3.1828	0.43732	0.09655	33	1.07	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	3.8050	0.21000	3.1828	0.43732	0.09655	33	1.42	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	3.8350	0.09000	3.1828	0.43732	0.09655	33	1.49	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	3.9350	0.13000	3.1828	0.43732	0.09655	33	1.72	12%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	3.2500	0.50000	3.1828	0.43732	0.09655	33	0.15	1%	1
003.11	Fat, NIR (%)	0720	3.7000	0.06000	4.1830	0.54412	0.07400	5	-0.89	6%	0
003.11	Fat, NIR (%)	0613	3.7300	0.00000	4.1830	0.54412	0.07400	5	-0.83	5%	0
003.11	Fat, NIR (%)	0889	3.9450	0.21000	4.1830	0.54412	0.07400	5	-0.44	3%	0
003.11	Fat, NIR (%)	0852	4.7700	0.10000	4.1830	0.54412	0.07400	5	1.08	7%	0
003.11	Fat, NIR (%)	2036	4.7700	0.00000	4.1830	0.54412	0.07400	5	1.08	7%	0
003.12	Fat, Hexane Ext (%)	0940	1.9550	0.33000	3.1738	0.31209	0.08222	9	-3.91	19%	0
003.12	Fat, Hexane Ext (%)	2093	2.8300	0.02000	3.1738	0.31209	0.08222	9	-1.10	5%	0
003.12	Fat, Hexane Ext (%)	0171	3.0600	0.10000	3.1738	0.31209	0.08222	9	-0.36	2%	0
003.12	Fat, Hexane Ext (%)	0893	3.1050	0.01000	3.1738	0.31209	0.08222	9	-0.22	1%	0
003.12	Fat, Hexane Ext (%)	0897	3.1400	0.02000	3.1738	0.31209	0.08222	9	-0.11	1%	0
003.12	Fat, Hexane Ext (%)	0903	3.3050	0.01000	3.1738	0.31209	0.08222	9	0.42	2%	0
003.12	Fat, Hexane Ext (%)	0900	3.3150	0.01000	3.1738	0.31209	0.08222	9	0.45	2%	0
003.12	Fat, Hexane Ext (%)	0895	3.7850	0.01000	3.1738	0.31209	0.08222	9	1.96	10%	0
003.12	Fat, Hexane Ext (%)	2100	3.8350	0.23000	3.1738	0.31209	0.08222	9	2.12	10%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	2.8285	0.00900	3.4879	0.54025	0.04722	9	-1.22	9%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	2.9400	0.10000	3.4879	0.54025	0.04722	9	-1.01	8%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	3.2100	0.08000	3.4879	0.54025	0.04722	9	-0.51	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	3.2250	0.03000	3.4879	0.54025	0.04722	9	-0.49	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	3.5350	0.03000	3.4879	0.54025	0.04722	9	0.09	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	3.6250	0.01000	3.4879	0.54025	0.04722	9	0.25	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	3.8350	0.09000	3.4879	0.54025	0.04722	9	0.64	5%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	3.9350	0.01000	3.4879	0.54025	0.04722	9	0.83	6%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2048	4.3300	0.06600	3.4879	0.54025	0.04722	9	1.56	12%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	2.8950	0.43000	3.4879	0.54025	0.04722	9	-1.10	8%	1
003.14	Fat, Ankom (%)	0357	1.6000	0.20000	2.9095	0.35584	0.12675	37	-3.68	23%	0
003.14	Fat, Ankom (%)	0613	2.1700	0.02000	2.9095	0.35584	0.12675	37	-2.08	13%	0
003.14	Fat, Ankom (%)	0019	2.3100	0.26000	2.9095	0.35584	0.12675	37	-1.68	10%	0
003.14	Fat, Ankom (%)	0144	2.4400	0.06000	2.9095	0.35584	0.12675	37	-1.32	8%	0
003.14	Fat, Ankom (%)	0520	2.4700	0.36000	2.9095	0.35584	0.12675	37	-1.24	8%	0
003.14	Fat, Ankom (%)	0175	2.5800	0.02000	2.9095	0.35584	0.12675	37	-0.93	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			
003.14	Fat, Ankom (%)	0956	2.6000	0.00000	2.9095	0.35584	0.12675	37	-0.87	5%	0
003.14	Fat, Ankom (%)	0265	2.6300	0.06000	2.9095	0.35584	0.12675	37	-0.79	5%	0
003.14	Fat, Ankom (%)	0581	2.7000	0.30000	2.9095	0.35584	0.12675	37	-0.59	4%	0
003.14	Fat, Ankom (%)	0202	2.7300	0.02000	2.9095	0.35584	0.12675	37	-0.50	3%	0
003.14	Fat, Ankom (%)	0009	2.7350	0.03000	2.9095	0.35584	0.12675	37	-0.49	3%	0
003.14	Fat, Ankom (%)	0529	2.7450	0.05000	2.9095	0.35584	0.12675	37	-0.46	3%	0
003.14	Fat, Ankom (%)	0037	2.7500	0.02000	2.9095	0.35584	0.12675	37	-0.45	3%	0
003.14	Fat, Ankom (%)	0937	2.8150	0.05000	2.9095	0.35584	0.12675	37	-0.27	2%	0
003.14	Fat, Ankom (%)	0278	2.8500	0.10000	2.9095	0.35584	0.12675	37	-0.17	1%	0
003.14	Fat, Ankom (%)	0034	2.8550	0.01000	2.9095	0.35584	0.12675	37	-0.15	1%	0
003.14	Fat, Ankom (%)	0089	2.8600	0.00000	2.9095	0.35584	0.12675	37	-0.14	1%	0
003.14	Fat, Ankom (%)	0004	2.8650	0.59000	2.9095	0.35584	0.12675	37	-0.13	1%	0
003.14	Fat, Ankom (%)	0066	2.8750	0.07000	2.9095	0.35584	0.12675	37	-0.10	1%	0
003.14	Fat, Ankom (%)	0001	2.8855	0.14700	2.9095	0.35584	0.12675	37	-0.07	0%	0
003.14	Fat, Ankom (%)	0574	2.9050	0.11000	2.9095	0.35584	0.12675	37	-0.01	0%	0
003.14	Fat, Ankom (%)	0183	2.9527	0.02170	2.9095	0.35584	0.12675	37	0.12	1%	0
003.14	Fat, Ankom (%)	0049	2.9700	0.10000	2.9095	0.35584	0.12675	37	0.17	1%	0
003.14	Fat, Ankom (%)	0848	2.9900	0.16000	2.9095	0.35584	0.12675	37	0.23	1%	0
003.14	Fat, Ankom (%)	0407	3.0318	0.11110	2.9095	0.35584	0.12675	37	0.34	2%	0
003.14	Fat, Ankom (%)	0229	3.1100	0.02000	2.9095	0.35584	0.12675	37	0.56	3%	0
003.14	Fat, Ankom (%)	0619	3.1400	0.02000	2.9095	0.35584	0.12675	37	0.65	4%	0
003.14	Fat, Ankom (%)	0358	3.1400	0.34000	2.9095	0.35584	0.12675	37	0.65	4%	0
003.14	Fat, Ankom (%)	0948	3.1500	0.02000	2.9095	0.35584	0.12675	37	0.68	4%	0
003.14	Fat, Ankom (%)	0015	3.1750	0.15000	2.9095	0.35584	0.12675	37	0.75	5%	0
003.14	Fat, Ankom (%)	2075	3.2400	0.12000	2.9095	0.35584	0.12675	37	0.93	6%	0
003.14	Fat, Ankom (%)	0108	3.2550	0.33000	2.9095	0.35584	0.12675	37	0.97	6%	0
003.14	Fat, Ankom (%)	0843	3.4000	0.42000	2.9095	0.35584	0.12675	37	1.38	8%	0
003.14	Fat, Ankom (%)	0955	3.5050	0.09000	2.9095	0.35584	0.12675	37	1.67	10%	0
003.14	Fat, Ankom (%)	0726	3.5200	0.06000	2.9095	0.35584	0.12675	37	1.72	10%	0
003.14	Fat, Ankom (%)	0413	3.6000	0.20000	2.9095	0.35584	0.12675	37	1.94	12%	0
003.14	Fat, Ankom (%)	0190	3.7450	0.05000	2.9095	0.35584	0.12675	37	2.35	14%	0
003.14	Fat, Ankom (%)	0598	3.3000	0.76000	2.9095	0.35584	0.12675	37	1.10	7%	1
003.99	Fat, Miscellaneous (%)	0047	3.6550	0.01000	5.7200	2.9950	2.7400	3			0
003.99	Fat, Miscellaneous (%)	0880	4.3500	6.7000	5.7200	2.9950	2.7400	3			0
003.99	Fat, Miscellaneous (%)	1019	9.1550	1.5100	5.7200	2.9950	2.7400	3			0
004.00	Fiber, Crude, Asbestos Free (%)	0681	4.8450	0.17000	5.4948	0.33980	0.12940	21	-1.91	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	4.9450	0.35000	5.4948	0.33980	0.12940	21	-1.62	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2023	5.0900	0.02000	5.4948	0.33980	0.12940	21	-1.19	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0194	5.0950	0.03000	5.4948	0.33980	0.12940	21	-1.18	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	5.1200	0.04000	5.4948	0.33980	0.12940	21	-1.10	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	5.2600	0.00000	5.4948	0.33980	0.12940	21	-0.69	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0353	5.3850	0.19000	5.4948	0.33980	0.12940	21	-0.32	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.00	Fiber, Crude, Asbestos Free (%)	0164	5.4000	0.00000	5.4948	0.33980	0.12940	21	-0.28	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	5.5077	0.06740	5.4948	0.33980	0.12940	21	0.04	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	5.5450	0.11000	5.4948	0.33980	0.12940	21	0.15	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	5.5500	0.10000	5.4948	0.33980	0.12940	21	0.16	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	5.5500	0.30000	5.4948	0.33980	0.12940	21	0.16	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	5.5600	0.02000	5.4948	0.33980	0.12940	21	0.19	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	5.5700	0.06000	5.4948	0.33980	0.12940	21	0.22	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	5.6000	0.20000	5.4948	0.33980	0.12940	21	0.31	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	5.6350	0.05000	5.4948	0.33980	0.12940	21	0.41	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2011	5.7750	0.09000	5.4948	0.33980	0.12940	21	0.82	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	5.7800	0.32000	5.4948	0.33980	0.12940	21	0.84	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	5.8750	0.07000	5.4948	0.33980	0.12940	21	1.12	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0943	5.9900	0.12000	5.4948	0.33980	0.12940	21	1.46	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	6.0750	0.41000	5.4948	0.33980	0.12940	21	1.71	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	5.2780	2.1580	5.4948	0.33980	0.12940	21	-0.64	2%	1
004.01	Fiber, Sing Filt (%)	0045	5.7950	0.09000			0.09500	2			0
004.01	Fiber, Sing Filt (%)	0366	6.1500	0.10000			0.09500	2			0
004.03	Fiber, Fritted Glass (%)	2089	3.5700	0.54000	5.3223	1.2641	0.26043	4	-1.39	16%	0
004.03	Fiber, Fritted Glass (%)	2068	5.5450	0.05000	5.3223	1.2641	0.26043	4	0.18	2%	0
004.03	Fiber, Fritted Glass (%)	0626	5.5850	0.07000	5.3223	1.2641	0.26043	4	0.21	2%	0
004.03	Fiber, Fritted Glass (%)	0693	6.5892	0.38170	5.3223	1.2641	0.26043	4	1.00	12%	0
004.06	Fiber, Fibertec (%)	0918	4.8450	0.05000	5.4564	0.39249	0.09160	30	-1.56	6%	0
004.06	Fiber, Fibertec (%)	0897	4.9350	0.03000	5.4564	0.39249	0.09160	30	-1.33	5%	0
004.06	Fiber, Fibertec (%)	0552	4.9450	0.03000	5.4564	0.39249	0.09160	30	-1.30	5%	0
004.06	Fiber, Fibertec (%)	2022	4.9900	0.02000	5.4564	0.39249	0.09160	30	-1.19	4%	0
004.06	Fiber, Fibertec (%)	0038	5.0300	0.38000	5.4564	0.39249	0.09160	30	-1.09	4%	0
004.06	Fiber, Fibertec (%)	0893	5.1300	0.02000	5.4564	0.39249	0.09160	30	-0.83	3%	0
004.06	Fiber, Fibertec (%)	0900	5.1300	0.02000	5.4564	0.39249	0.09160	30	-0.83	3%	0
004.06	Fiber, Fibertec (%)	0903	5.1600	0.02000	5.4564	0.39249	0.09160	30	-0.76	3%	0
004.06	Fiber, Fibertec (%)	0205	5.2200	0.20000	5.4564	0.39249	0.09160	30	-0.60	2%	0
004.06	Fiber, Fibertec (%)	0952	5.2400	0.02000	5.4564	0.39249	0.09160	30	-0.55	2%	0
004.06	Fiber, Fibertec (%)	0895	5.2950	0.01000	5.4564	0.39249	0.09160	30	-0.41	1%	0
004.06	Fiber, Fibertec (%)	0098	5.3200	0.40000	5.4564	0.39249	0.09160	30	-0.35	1%	0
004.06	Fiber, Fibertec (%)	0941	5.3900	0.04000	5.4564	0.39249	0.09160	30	-0.17	1%	0
004.06	Fiber, Fibertec (%)	0689	5.4500	0.10000	5.4564	0.39249	0.09160	30	-0.02	0%	0
004.06	Fiber, Fibertec (%)	2086	5.4950	0.01000	5.4564	0.39249	0.09160	30	0.10	0%	0
004.06	Fiber, Fibertec (%)	0027	5.5165	0.01900	5.4564	0.39249	0.09160	30	0.15	1%	0
004.06	Fiber, Fibertec (%)	0723	5.5222	0.00000	5.4564	0.39249	0.09160	30	0.17	1%	0
004.06	Fiber, Fibertec (%)	0948	5.5250	0.01000	5.4564	0.39249	0.09160	30	0.17	1%	0
004.06	Fiber, Fibertec (%)	2006	5.5650	0.01000	5.4564	0.39249	0.09160	30	0.28	1%	0
004.06	Fiber, Fibertec (%)	0728	5.5950	0.09000	5.4564	0.39249	0.09160	30	0.35	1%	0
004.06	Fiber, Fibertec (%)	2093	5.5950	0.09000	5.4564	0.39249	0.09160	30	0.35	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0638	5.6000	0.00000	5.4564	0.39249	0.09160	30	0.37	1%	0
004.06	Fiber, Fibertec (%)	0968	5.6605	0.11900	5.4564	0.39249	0.09160	30	0.52	2%	0
004.06	Fiber, Fibertec (%)	0674	5.7000	0.04000	5.4564	0.39249	0.09160	30	0.62	2%	0
004.06	Fiber, Fibertec (%)	0676	5.7700	0.16000	5.4564	0.39249	0.09160	30	0.80	3%	0
004.06	Fiber, Fibertec (%)	0868	5.8200	0.02000	5.4564	0.39249	0.09160	30	0.93	3%	0
004.06	Fiber, Fibertec (%)	0675	6.0400	0.62000	5.4564	0.39249	0.09160	30	1.49	5%	0
004.06	Fiber, Fibertec (%)	0720	6.2200	0.08000	5.4564	0.39249	0.09160	30	1.95	7%	0
004.06	Fiber, Fibertec (%)	0609	6.2350	0.07000	5.4564	0.39249	0.09160	30	1.98	7%	0
004.06	Fiber, Fibertec (%)	2091	6.2550	0.07000	5.4564	0.39249	0.09160	30	2.03	7%	0
004.06	Fiber, Fibertec (%)	0590	5.1550	0.83000	5.4564	0.39249	0.09160	30	-0.77	3%	1
004.07	Fiber, ANKOM (%)	0265	2.8050	0.65000	5.4342	0.47967	0.19407	60	-5.48	24%	0
004.07	Fiber, ANKOM (%)	2018	4.4200	0.06000	5.4342	0.47967	0.19407	60	-2.11	9%	0
004.07	Fiber, ANKOM (%)	0019	4.6450	0.61000	5.4342	0.47967	0.19407	60	-1.65	7%	0
004.07	Fiber, ANKOM (%)	0619	4.6900	0.22000	5.4342	0.47967	0.19407	60	-1.55	7%	0
004.07	Fiber, ANKOM (%)	0100	4.7300	0.02000	5.4342	0.47967	0.19407	60	-1.47	6%	0
004.07	Fiber, ANKOM (%)	0190	4.7800	0.04000	5.4342	0.47967	0.19407	60	-1.36	6%	0
004.07	Fiber, ANKOM (%)	0202	4.8700	0.06000	5.4342	0.47967	0.19407	60	-1.18	5%	0
004.07	Fiber, ANKOM (%)	2058	4.9950	0.11000	5.4342	0.47967	0.19407	60	-0.92	4%	0
004.07	Fiber, ANKOM (%)	0505	5.0000	0.04000	5.4342	0.47967	0.19407	60	-0.91	4%	0
004.07	Fiber, ANKOM (%)	0910	5.0000	0.20000	5.4342	0.47967	0.19407	60	-0.91	4%	0
004.07	Fiber, ANKOM (%)	0066	5.0100	0.18000	5.4342	0.47967	0.19407	60	-0.88	4%	0
004.07	Fiber, ANKOM (%)	2012	5.0850	0.09000	5.4342	0.47967	0.19407	60	-0.73	3%	0
004.07	Fiber, ANKOM (%)	0861	5.0950	0.31000	5.4342	0.47967	0.19407	60	-0.71	3%	0
004.07	Fiber, ANKOM (%)	0520	5.1250	0.07000	5.4342	0.47967	0.19407	60	-0.64	3%	0
004.07	Fiber, ANKOM (%)	0613	5.1350	0.11000	5.4342	0.47967	0.19407	60	-0.62	3%	0
004.07	Fiber, ANKOM (%)	0098	5.1400	0.12000	5.4342	0.47967	0.19407	60	-0.61	3%	0
004.07	Fiber, ANKOM (%)	0510	5.1500	0.10000	5.4342	0.47967	0.19407	60	-0.59	3%	0
004.07	Fiber, ANKOM (%)	0726	5.1500	0.10000	5.4342	0.47967	0.19407	60	-0.59	3%	0
004.07	Fiber, ANKOM (%)	0643	5.1550	0.15000	5.4342	0.47967	0.19407	60	-0.58	3%	0
004.07	Fiber, ANKOM (%)	0035	5.2250	0.07000	5.4342	0.47967	0.19407	60	-0.44	2%	0
004.07	Fiber, ANKOM (%)	0123	5.2300	0.12000	5.4342	0.47967	0.19407	60	-0.43	2%	0
004.07	Fiber, ANKOM (%)	0263	5.2350	0.01670	5.4342	0.47967	0.19407	60	-0.42	2%	0
004.07	Fiber, ANKOM (%)	0015	5.2450	0.09000	5.4342	0.47967	0.19407	60	-0.39	2%	0
004.07	Fiber, ANKOM (%)	0300	5.2836	0.55460	5.4342	0.47967	0.19407	60	-0.31	1%	0
004.07	Fiber, ANKOM (%)	0563	5.2995	0.01960	5.4342	0.47967	0.19407	60	-0.28	1%	0
004.07	Fiber, ANKOM (%)	0682	5.3000	0.00000	5.4342	0.47967	0.19407	60	-0.28	1%	0
004.07	Fiber, ANKOM (%)	0646	5.3250	0.07000	5.4342	0.47967	0.19407	60	-0.23	1%	0
004.07	Fiber, ANKOM (%)	0708	5.3250	0.19000	5.4342	0.47967	0.19407	60	-0.23	1%	0
004.07	Fiber, ANKOM (%)	0407	5.3493	0.12670	5.4342	0.47967	0.19407	60	-0.18	1%	0
004.07	Fiber, ANKOM (%)	0413	5.3500	0.10000	5.4342	0.47967	0.19407	60	-0.18	1%	0
004.07	Fiber, ANKOM (%)	0074	5.3750	0.51000	5.4342	0.47967	0.19407	60	-0.12	1%	0
004.07	Fiber, ANKOM (%)	0089	5.3750	0.03000	5.4342	0.47967	0.19407	60	-0.12	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0956	5.4000	0.60000	5.4342	0.47967	0.19407	60	-0.07	0%	0
004.07	Fiber, ANKOM (%)	0849	5.4370	0.09400	5.4342	0.47967	0.19407	60	0.01	0%	0
004.07	Fiber, ANKOM (%)	0178	5.4650	0.09000	5.4342	0.47967	0.19407	60	0.06	0%	0
004.07	Fiber, ANKOM (%)	0083	5.5000	0.20000	5.4342	0.47967	0.19407	60	0.14	1%	0
004.07	Fiber, ANKOM (%)	0034	5.5900	0.56000	5.4342	0.47967	0.19407	60	0.32	1%	0
004.07	Fiber, ANKOM (%)	0948	5.5900	0.02000	5.4342	0.47967	0.19407	60	0.32	1%	0
004.07	Fiber, ANKOM (%)	0848	5.6150	0.01000	5.4342	0.47967	0.19407	60	0.38	2%	0
004.07	Fiber, ANKOM (%)	2053	5.6350	0.09000	5.4342	0.47967	0.19407	60	0.42	2%	0
004.07	Fiber, ANKOM (%)	2100	5.6750	0.35000	5.4342	0.47967	0.19407	60	0.50	2%	0
004.07	Fiber, ANKOM (%)	0937	5.6800	0.04000	5.4342	0.47967	0.19407	60	0.51	2%	0
004.07	Fiber, ANKOM (%)	0870	5.6876	0.35250	5.4342	0.47967	0.19407	60	0.53	2%	0
004.07	Fiber, ANKOM (%)	0009	5.7800	0.02000	5.4342	0.47967	0.19407	60	0.72	3%	0
004.07	Fiber, ANKOM (%)	0581	5.8000	0.60000	5.4342	0.47967	0.19407	60	0.76	3%	0
004.07	Fiber, ANKOM (%)	0278	5.8000	0.20000	5.4342	0.47967	0.19407	60	0.76	3%	0
004.07	Fiber, ANKOM (%)	0354	5.8700	0.24000	5.4342	0.47967	0.19407	60	0.91	4%	0
004.07	Fiber, ANKOM (%)	0939	5.8800	0.36000	5.4342	0.47967	0.19407	60	0.93	4%	0
004.07	Fiber, ANKOM (%)	0033	5.9200	0.02000	5.4342	0.47967	0.19407	60	1.01	4%	0
004.07	Fiber, ANKOM (%)	0042	5.9600	0.28000	5.4342	0.47967	0.19407	60	1.10	5%	0
004.07	Fiber, ANKOM (%)	2075	6.0000	0.40000	5.4342	0.47967	0.19407	60	1.18	5%	0
004.07	Fiber, ANKOM (%)	0294	6.1500	0.10000	5.4342	0.47967	0.19407	60	1.49	7%	0
004.07	Fiber, ANKOM (%)	0229	6.2100	0.24000	5.4342	0.47967	0.19407	60	1.62	7%	0
004.07	Fiber, ANKOM (%)	0004	6.3200	0.72000	5.4342	0.47967	0.19407	60	1.85	8%	0
004.07	Fiber, ANKOM (%)	0529	6.4000	0.00000	5.4342	0.47967	0.19407	60	2.01	9%	0
004.07	Fiber, ANKOM (%)	0598	6.4450	0.29000	5.4342	0.47967	0.19407	60	2.11	9%	0
004.07	Fiber, ANKOM (%)	0144	6.6100	0.24000	5.4342	0.47967	0.19407	60	2.45	11%	0
004.07	Fiber, ANKOM (%)	0242	6.7100	0.10000	5.4342	0.47967	0.19407	60	2.66	12%	0
004.07	Fiber, ANKOM (%)	0955	7.6400	0.10000	5.4342	0.47967	0.19407	60	4.60	20%	0
004.07	Fiber, ANKOM (%)	0026	9.8150	0.19000	5.4342	0.47967	0.19407	60	9.13	40%	0
004.11	Fiber, NIR (%)	0720	3.3500	0.10000	5.3025	1.6649	0.17600	5	-1.17	18%	0
004.11	Fiber, NIR (%)	0889	4.5750	0.05000	5.3025	1.6649	0.17600	5	-0.44	7%	0
004.11	Fiber, NIR (%)	2036	5.4800	0.66000	5.3025	1.6649	0.17600	5	0.11	2%	0
004.11	Fiber, NIR (%)	0613	6.2050	0.01000	5.3025	1.6649	0.17600	5	0.54	9%	0
004.11	Fiber, NIR (%)	0852	7.0800	0.06000	5.3025	1.6649	0.17600	5	1.07	17%	0
004.99	Fiber, Miscellaneous (%)	0940	4.9150	0.03000	5.0050	0.08185	0.04333	3			0
004.99	Fiber, Miscellaneous (%)	0610	5.0250	0.05000	5.0050	0.08185	0.04333	3			0
004.99	Fiber, Miscellaneous (%)	0629	5.0750	0.05000	5.0050	0.08185	0.04333	3			0
005.00	Ash, 2h @ 600°C (%)	2048	10.923	0.16200	12.371	0.26577	0.10248	97	-5.45	6%	0
005.00	Ash, 2h @ 600°C (%)	0539	11.790	0.10000	12.371	0.26577	0.10248	97	-2.19	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	11.845	0.76010	12.371	0.26577	0.10248	97	-1.98	2%	0
005.00	Ash, 2h @ 600°C (%)	0959	11.850	0.00000	12.371	0.26577	0.10248	97	-1.96	2%	0
005.00	Ash, 2h @ 600°C (%)	1019	11.851	0.24680	12.371	0.26577	0.10248	97	-1.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0042	11.905	0.13000	12.371	0.26577	0.10248	97	-1.75	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			
005.00	Ash, 2h @ 600°C (%)	0650	11.910	0.06000	12.371	0.26577	0.10248	97	-1.73	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	11.945	0.13000	12.371	0.26577	0.10248	97	-1.60	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	11.975	0.03000	12.371	0.26577	0.10248	97	-1.49	2%	0
005.00	Ash, 2h @ 600°C (%)	0425	11.995	0.05000	12.371	0.26577	0.10248	97	-1.41	2%	0
005.00	Ash, 2h @ 600°C (%)	0026	12.005	0.05000	12.371	0.26577	0.10248	97	-1.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0960	12.015	0.09000	12.371	0.26577	0.10248	97	-1.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	12.020	0.08000	12.371	0.26577	0.10248	97	-1.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0957	12.025	0.19000	12.371	0.26577	0.10248	97	-1.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	12.065	0.23000	12.371	0.26577	0.10248	97	-1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0205	12.065	0.03000	12.371	0.26577	0.10248	97	-1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	12.090	0.04000	12.371	0.26577	0.10248	97	-1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	12.100	0.00000	12.371	0.26577	0.10248	97	-1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	2068	12.130	0.00000	12.371	0.26577	0.10248	97	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0609	12.155	0.01000	12.371	0.26577	0.10248	97	-0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0681	12.155	0.21000	12.371	0.26577	0.10248	97	-0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	12.200	0.14000	12.371	0.26577	0.10248	97	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	12.200	0.14000	12.371	0.26577	0.10248	97	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	2053	12.200	0.12000	12.371	0.26577	0.10248	97	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0015	12.210	0.26000	12.371	0.26577	0.10248	97	-0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0178	12.210	0.02000	12.371	0.26577	0.10248	97	-0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	12.220	0.06000	12.371	0.26577	0.10248	97	-0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	12.220	0.10000	12.371	0.26577	0.10248	97	-0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	12.225	0.03000	12.371	0.26577	0.10248	97	-0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0623	12.234	0.08900	12.371	0.26577	0.10248	97	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	12.246	0.00750	12.371	0.26577	0.10248	97	-0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0089	12.250	0.00000	12.371	0.26577	0.10248	97	-0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0175	12.250	0.10000	12.371	0.26577	0.10248	97	-0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0874	12.250	0.16000	12.371	0.26577	0.10248	97	-0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	2073	12.255	0.13000	12.371	0.26577	0.10248	97	-0.44	0%	0
005.00	Ash, 2h @ 600°C (%)	0845	12.260	0.02000	12.371	0.26577	0.10248	97	-0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0194	12.265	0.03000	12.371	0.26577	0.10248	97	-0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	12.265	0.21000	12.371	0.26577	0.10248	97	-0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	12.275	0.01000	12.371	0.26577	0.10248	97	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	12.279	0.05600	12.371	0.26577	0.10248	97	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	12.300	0.20000	12.371	0.26577	0.10248	97	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	12.305	0.31000	12.371	0.26577	0.10248	97	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	12.312	0.05100	12.371	0.26577	0.10248	97	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	12.335	0.02730	12.371	0.26577	0.10248	97	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0552	12.350	0.02000	12.371	0.26577	0.10248	97	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0958	12.350	0.14000	12.371	0.26577	0.10248	97	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0880	12.370	0.66000	12.371	0.26577	0.10248	97	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	12.375	0.03000	12.371	0.26577	0.10248	97	0.02	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 (%)	0510	12.375	0.05000	12.371	0.26577	0.10248	97	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	12.385	0.01000	12.371	0.26577	0.10248	97	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	12.388	0.04110	12.371	0.26577	0.10248	97	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	12.400	0.02000	12.371	0.26577	0.10248	97	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	12.400	0.00000	12.371	0.26577	0.10248	97	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0183	12.426	0.12350	12.371	0.26577	0.10248	97	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	2106	12.435	0.07000	12.371	0.26577	0.10248	97	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	12.440	0.02000	12.371	0.26577	0.10248	97	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	12.453	0.13900	12.371	0.26577	0.10248	97	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	12.460	0.10000	12.371	0.26577	0.10248	97	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	12.470	0.04000	12.371	0.26577	0.10248	97	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	12.470	0.02000	12.371	0.26577	0.10248	97	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	12.475	0.11000	12.371	0.26577	0.10248	97	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	12.475	0.01000	12.371	0.26577	0.10248	97	0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0723	12.493	0.00000	12.371	0.26577	0.10248	97	0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0152	12.500	0.00000	12.371	0.26577	0.10248	97	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	12.505	0.11000	12.371	0.26577	0.10248	97	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	12.510	0.10000	12.371	0.26577	0.10248	97	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	12.525	0.03000	12.371	0.26577	0.10248	97	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0620	12.529	0.07870	12.371	0.26577	0.10248	97	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	12.530	0.02000	12.371	0.26577	0.10248	97	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	12.535	0.07000	12.371	0.26577	0.10248	97	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	12.535	0.11000	12.371	0.26577	0.10248	97	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	12.540	0.06000	12.371	0.26577	0.10248	97	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	12.540	0.12000	12.371	0.26577	0.10248	97	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	12.545	0.01000	12.371	0.26577	0.10248	97	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	12.550	0.30000	12.371	0.26577	0.10248	97	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	12.557	0.05000	12.371	0.26577	0.10248	97	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	12.565	0.01000	12.371	0.26577	0.10248	97	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	12.570	0.02000	12.371	0.26577	0.10248	97	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	12.585	0.03000	12.371	0.26577	0.10248	97	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0138	12.591	0.03800	12.371	0.26577	0.10248	97	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0943	12.610	0.12000	12.371	0.26577	0.10248	97	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	12.625	0.15000	12.371	0.26577	0.10248	97	0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	12.655	0.01000	12.371	0.26577	0.10248	97	1.07	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	12.660	0.02000	12.371	0.26577	0.10248	97	1.09	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	12.700	0.00000	12.371	0.26577	0.10248	97	1.24	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	12.700	0.00000	12.371	0.26577	0.10248	97	1.24	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	12.725	0.11000	12.371	0.26577	0.10248	97	1.33	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	12.745	0.07000	12.371	0.26577	0.10248	97	1.41	2%	0
005.00	Ash, 2h @ 600°C (%)	0630	12.755	0.11000	12.371	0.26577	0.10248	97	1.45	2%	0
005.00	Ash, 2h @ 600°C (%)	0674	12.760	0.02000	12.371	0.26577	0.10248	97	1.46	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	
005.00	Ash, 2h @ 600°C (%)	0144	12.795	0.03000	12.371	0.26577	0.10248	97	1.60	2%	0
005.00	Ash, 2h @ 600°C (%)	0956	12.900	0.80000	12.371	0.26577	0.10248	97	1.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	12.937	0.13030	12.371	0.26577	0.10248	97	2.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	12.950	0.10000	12.371	0.26577	0.10248	97	2.18	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	13.050	0.10000	12.371	0.26577	0.10248	97	2.56	3%	0
005.00	Ash, 2h @ 600°C (%)	0615	13.125	0.09000	12.371	0.26577	0.10248	97	2.84	3%	0
005.00	Ash, 2h @ 600°C (%)	0504	13.165	0.45000	12.371	0.26577	0.10248	97	2.99	3%	0
005.00	Ash, 2h @ 600°C (%)	0062	13.150	1.4400	12.371	0.26577	0.10248	97	2.93	3%	1
005.00	Ash, 2h @ 600°C (%)	0961	13.585	2.3100	12.371	0.26577	0.10248	97	4.57	5%	1
005.00	Ash, 2h @ 600°C (%)	0618	16.342	0.03000	12.371	0.26577	0.10248	97	14.94	16%	2
005.05	Ash, 3h @ 550°C (%)	0294	11.200	0.00000	12.617	0.17164	0.05988	30	-8.26	6%	0
005.05	Ash, 3h @ 550°C (%)	2011	12.230	0.16000	12.617	0.17164	0.05988	30	-2.26	2%	0
005.05	Ash, 3h @ 550°C (%)	0845	12.260	0.02000	12.617	0.17164	0.05988	30	-2.08	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	12.325	0.23000	12.617	0.17164	0.05988	30	-1.70	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	12.375	0.01000	12.617	0.17164	0.05988	30	-1.41	1%	0
005.05	Ash, 3h @ 550°C (%)	2058	12.450	0.12000	12.617	0.17164	0.05988	30	-0.98	1%	0
005.05	Ash, 3h @ 550°C (%)	2018	12.465	0.03000	12.617	0.17164	0.05988	30	-0.89	1%	0
005.05	Ash, 3h @ 550°C (%)	0940	12.505	0.23000	12.617	0.17164	0.05988	30	-0.66	0%	0
005.05	Ash, 3h @ 550°C (%)	0896	12.515	0.03000	12.617	0.17164	0.05988	30	-0.60	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	12.543	0.03340	12.617	0.17164	0.05988	30	-0.43	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	12.550	0.10000	12.617	0.17164	0.05988	30	-0.39	0%	0
005.05	Ash, 3h @ 550°C (%)	2091	12.565	0.03000	12.617	0.17164	0.05988	30	-0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	0893	12.605	0.01000	12.617	0.17164	0.05988	30	-0.07	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	12.607	0.07300	12.617	0.17164	0.05988	30	-0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	2093	12.630	0.00000	12.617	0.17164	0.05988	30	0.07	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	12.635	0.01000	12.617	0.17164	0.05988	30	0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	12.640	0.02000	12.617	0.17164	0.05988	30	0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	12.650	0.10000	12.617	0.17164	0.05988	30	0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	0038	12.655	0.07000	12.617	0.17164	0.05988	30	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0937	12.660	0.02000	12.617	0.17164	0.05988	30	0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	2086	12.685	0.01000	12.617	0.17164	0.05988	30	0.39	0%	0
005.05	Ash, 3h @ 550°C (%)	0895	12.705	0.01000	12.617	0.17164	0.05988	30	0.51	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	12.720	0.06000	12.617	0.17164	0.05988	30	0.60	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	12.725	0.07000	12.617	0.17164	0.05988	30	0.63	0%	0
005.05	Ash, 3h @ 550°C (%)	0685	12.750	0.02000	12.617	0.17164	0.05988	30	0.77	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	12.815	0.01000	12.617	0.17164	0.05988	30	1.15	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	12.855	0.04000	12.617	0.17164	0.05988	30	1.39	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	12.870	0.20000	12.617	0.17164	0.05988	30	1.47	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	13.010	0.08000	12.617	0.17164	0.05988	30	2.29	2%	0
005.05	Ash, 3h @ 550°C (%)	0900	13.200	0.00000	12.617	0.17164	0.05988	30	3.39	2%	0
005.11	Ash, NIR (%)	0852	7.2800	0.10000	10.162	3.2900	0.15200	5	-0.88	14%	0
005.11	Ash, NIR (%)	0613	8.0850	0.23000	10.162	3.2900	0.15200	5	-0.63	10%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.11	Ash, NIR (%)	2036	9.2950	0.09000	10.162	3.2900	0.15200	5	-0.26	4%	0
005.11	Ash, NIR (%)	0720	10.530	0.02000	10.162	3.2900	0.15200	5	0.11	2%	0
005.11	Ash, NIR (%)	0889	15.620	0.32000	10.162	3.2900	0.15200	5	1.66	27%	0
005.99	Ash, Miscellaneous (%)	0613	11.690	0.22000	12.653	0.11959	0.11889	9	-8.05	4%	0
005.99	Ash, Miscellaneous (%)	0202	12.110	0.04000	12.653	0.11959	0.11889	9	-4.54	2%	0
005.99	Ash, Miscellaneous (%)	2004	12.400	0.20000	12.653	0.11959	0.11889	9	-2.12	1%	0
005.99	Ash, Miscellaneous (%)	0574	12.435	0.07000	12.653	0.11959	0.11889	9	-1.82	1%	0
005.99	Ash, Miscellaneous (%)	0652	12.700	0.00000	12.653	0.11959	0.11889	9	0.39	0%	0
005.99	Ash, Miscellaneous (%)	0728	12.715	0.23000	12.653	0.11959	0.11889	9	0.52	0%	0
005.99	Ash, Miscellaneous (%)	0629	12.750	0.04000	12.653	0.11959	0.11889	9	0.81	0%	0
005.99	Ash, Miscellaneous (%)	2023	12.765	0.13000	12.653	0.11959	0.11889	9	0.94	0%	0
005.99	Ash, Miscellaneous (%)	0676	12.770	0.14000	12.653	0.11959	0.11889	9	0.98	0%	0
006.00	Total sugars, As sucrose (%)	0921	3.1900	0.10000			0.20700	2			0
006.00	Total sugars, As sucrose (%)	0939	5.4860	0.31400			0.20700	2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	5.3500	0.10000			0.05500	2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	5.5450	0.01000			0.05500	2			0
006.05	Total sugars, TSI, Lane-Eunon (12th) (%)	0045	7.4000	0.44000			0.44000	1			0
006.99	Total sugars, Miscellaneous (%)	0956	5.6500	0.10000			0.07500	2			0
006.99	Total sugars, Miscellaneous (%)	0720	6.0050	0.05000			0.07500	2			0
008.02	Fiber, Acid Detergent (%)	0939	6.5500	0.98000	7.8543	0.36715	0.31690	15	-3.55	8%	0
008.02	Fiber, Acid Detergent (%)	0676	7.2150	0.03000	7.8543	0.36715	0.31690	15	-1.74	4%	0
008.02	Fiber, Acid Detergent (%)	0098	7.4750	0.25000	7.8543	0.36715	0.31690	15	-1.03	2%	0
008.02	Fiber, Acid Detergent (%)	0038	7.6350	0.05000	7.8543	0.36715	0.31690	15	-0.60	1%	0
008.02	Fiber, Acid Detergent (%)	0948	7.6600	0.06000	7.8543	0.36715	0.31690	15	-0.53	1%	0
008.02	Fiber, Acid Detergent (%)	0353	7.6750	0.01000	7.8543	0.36715	0.31690	15	-0.49	1%	0
008.02	Fiber, Acid Detergent (%)	0309	7.7949	0.16350	7.8543	0.36715	0.31690	15	-0.16	0%	0
008.02	Fiber, Acid Detergent (%)	0728	7.8750	0.59000	7.8543	0.36715	0.31690	15	0.06	0%	0
008.02	Fiber, Acid Detergent (%)	0504	7.8900	0.54000	7.8543	0.36715	0.31690	15	0.10	0%	0
008.02	Fiber, Acid Detergent (%)	0675	7.9200	0.16000	7.8543	0.36715	0.31690	15	0.18	0%	0
008.02	Fiber, Acid Detergent (%)	0148	8.0300	0.10000	7.8543	0.36715	0.31690	15	0.48	1%	0
008.02	Fiber, Acid Detergent (%)	0208	8.0450	0.75000	7.8543	0.36715	0.31690	15	0.52	1%	0
008.02	Fiber, Acid Detergent (%)	0035	8.3150	0.21000	7.8543	0.36715	0.31690	15	1.25	3%	0
008.02	Fiber, Acid Detergent (%)	0226	8.7000	0.20000	7.8543	0.36715	0.31690	15	2.30	5%	0
008.02	Fiber, Acid Detergent (%)	0187	9.7400	0.66000	7.8543	0.36715	0.31690	15	5.14	12%	0
008.02	Fiber, Acid Detergent (%)	0609	27.590	0.10000	7.8543	0.36715	0.31690	15	53.75	126%	2
008.05	Fiber, Acid Detergent-Hach (%)	0265	7.8500	0.50000			0.50000	1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0563	5.4401	0.42480	7.4967	0.65794	0.17429	39	-3.13	14%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	6.6650	0.41000	7.4967	0.65794	0.17429	39	-1.26	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	6.7500	0.10000	7.4967	0.65794	0.17429	39	-1.13	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	6.7850	0.03000	7.4967	0.65794	0.17429	39	-1.08	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0178	6.7950	0.03000	7.4967	0.65794	0.17429	39	-1.07	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	6.8000	0.20000	7.4967	0.65794	0.17429	39	-1.06	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	
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	6.8450	0.09000	7.4967	0.65794	0.17429	39	-0.99	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	6.8710	0.19800	7.4967	0.65794	0.17429	39	-0.95	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	6.9000	0.00000	7.4967	0.65794	0.17429	39	-0.91	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	6.9550	0.05000	7.4967	0.65794	0.17429	39	-0.82	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	7.0050	0.05000	7.4967	0.65794	0.17429	39	-0.75	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	7.0451	0.12530	7.4967	0.65794	0.17429	39	-0.69	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	7.0750	0.09000	7.4967	0.65794	0.17429	39	-0.64	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	7.1850	0.01000	7.4967	0.65794	0.17429	39	-0.47	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	7.1900	0.04000	7.4967	0.65794	0.17429	39	-0.47	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	7.3500	0.10000	7.4967	0.65794	0.17429	39	-0.22	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	7.3650	0.59000	7.4967	0.65794	0.17429	39	-0.20	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	7.4553	0.37320	7.4967	0.65794	0.17429	39	-0.06	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0937	7.4600	0.08000	7.4967	0.65794	0.17429	39	-0.06	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	7.5200	0.34000	7.4967	0.65794	0.17429	39	0.04	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	7.5250	0.01000	7.4967	0.65794	0.17429	39	0.04	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0033	7.5400	0.24000	7.4967	0.65794	0.17429	39	0.07	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	7.5500	0.02000	7.4967	0.65794	0.17429	39	0.08	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	7.5900	0.20000	7.4967	0.65794	0.17429	39	0.14	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	7.6765	0.01300	7.4967	0.65794	0.17429	39	0.27	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	7.7000	0.20000	7.4967	0.65794	0.17429	39	0.31	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	7.7350	0.19000	7.4967	0.65794	0.17429	39	0.36	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	7.8600	0.02000	7.4967	0.65794	0.17429	39	0.55	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	7.9500	0.10000	7.4967	0.65794	0.17429	39	0.69	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	8.0350	0.73000	7.4967	0.65794	0.17429	39	0.82	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	8.0350	0.37000	7.4967	0.65794	0.17429	39	0.82	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	8.1300	0.06000	7.4967	0.65794	0.17429	39	0.96	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0034	8.2300	0.32000	7.4967	0.65794	0.17429	39	1.11	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	8.2350	0.15000	7.4967	0.65794	0.17429	39	1.12	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	8.2919	0.42230	7.4967	0.65794	0.17429	39	1.21	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	8.3100	0.02000	7.4967	0.65794	0.17429	39	1.24	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	8.4900	0.16000	7.4967	0.65794	0.17429	39	1.51	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	8.5500	0.10000	7.4967	0.65794	0.17429	39	1.60	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	8.5753	0.14070	7.4967	0.65794	0.17429	39	1.64	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	7.3950	0.93000	7.4967	0.65794	0.17429	39	-0.15	1%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	7.6650	0.03000			0.03000	1			0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	17.710	0.34000			0.34000	1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	10.320	0.30000	19.237	1.7320	0.32203	10	-5.15	23%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	16.150	0.10000	19.237	1.7320	0.32203	10	-1.78	8%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	16.850	0.76000	19.237	1.7320	0.32203	10	-1.38	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	19.217	0.28030	19.237	1.7320	0.32203	10	-0.01	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	19.450	0.10000	19.237	1.7320	0.32203	10	0.12	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0610	19.550	0.70000	19.237	1.7320	0.32203	10	0.18	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			
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	19.590	0.22000	19.237	1.7320	0.32203	10	0.20	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	20.400	0.06000	19.237	1.7320	0.32203	10	0.67	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	20.590	0.38000	19.237	1.7320	0.32203	10	0.78	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	2011	26.670	0.32000	19.237	1.7320	0.32203	10	4.29	19%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0563	15.662	0.08990	17.980	1.0685	0.28830	34	-2.17	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	16.450	0.10000	17.980	1.0685	0.28830	34	-1.43	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	16.800	0.00000	17.980	1.0685	0.28830	34	-1.10	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	16.815	0.55000	17.980	1.0685	0.28830	34	-1.09	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	16.850	0.44000	17.980	1.0685	0.28830	34	-1.06	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	16.995	0.07000	17.980	1.0685	0.28830	34	-0.92	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	17.085	0.85000	17.980	1.0685	0.28830	34	-0.84	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	17.150	0.30000	17.980	1.0685	0.28830	34	-0.78	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	17.150	0.50000	17.980	1.0685	0.28830	34	-0.78	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	17.150	0.10000	17.980	1.0685	0.28830	34	-0.78	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	17.200	0.20000	17.980	1.0685	0.28830	34	-0.73	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	17.368	0.11660	17.980	1.0685	0.28830	34	-0.57	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	17.450	0.30000	17.980	1.0685	0.28830	34	-0.50	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	17.755	0.29000	17.980	1.0685	0.28830	34	-0.21	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	17.775	0.21000	17.980	1.0685	0.28830	34	-0.19	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	17.785	0.29000	17.980	1.0685	0.28830	34	-0.18	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	17.963	0.03930	17.980	1.0685	0.28830	34	-0.02	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	17.975	0.43000	17.980	1.0685	0.28830	34	0.00	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	18.050	0.10000	17.980	1.0685	0.28830	34	0.07	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	18.094	0.77860	17.980	1.0685	0.28830	34	0.11	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	18.280	0.10000	17.980	1.0685	0.28830	34	0.28	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	18.375	0.09000	17.980	1.0685	0.28830	34	0.37	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	18.460	0.50000	17.980	1.0685	0.28830	34	0.45	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	18.585	0.43000	17.980	1.0685	0.28830	34	0.57	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	18.615	0.40070	17.980	1.0685	0.28830	34	0.59	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0178	18.850	0.02000	17.980	1.0685	0.28830	34	0.81	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	18.906	0.03700	17.980	1.0685	0.28830	34	0.87	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	19.050	0.50000	17.980	1.0685	0.28830	34	1.00	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	19.061	0.11000	17.980	1.0685	0.28830	34	1.01	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	19.110	0.06000	17.980	1.0685	0.28830	34	1.06	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	19.340	0.50000	17.980	1.0685	0.28830	34	1.27	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	19.460	0.30000	17.980	1.0685	0.28830	34	1.38	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	19.500	0.40000	17.980	1.0685	0.28830	34	1.42	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	19.500	0.60000	17.980	1.0685	0.28830	34	1.42	4%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	17.295	0.03000	18.250	1.1386	0.17750	4	-0.84	3%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	17.835	0.55000	18.250	1.1386	0.17750	4	-0.36	1%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	17.945	0.09000	18.250	1.1386	0.17750	4	-0.27	1%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	19.510	0.04000	18.250	1.1386	0.17750	4	1.11	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			
010.03	Moisture, Karl-Fischer (%)	0208	10.050	0.10000			0.38000	2			0
010.03	Moisture, Karl-Fischer (%)	0843	10.090	0.66000			0.38000	2			0
010.11	Moisture, NIR (%)	0038	9.2300	0.67000	10.459	1.0432	0.16800	5	-1.18	6%	0
010.11	Moisture, NIR (%)	0852	9.6250	0.11000	10.459	1.0432	0.16800	5	-0.80	4%	0
010.11	Moisture, NIR (%)	0889	9.9800	0.04000	10.459	1.0432	0.16800	5	-0.46	2%	0
010.11	Moisture, NIR (%)	0720	10.255	0.01000	10.459	1.0432	0.16800	5	-0.20	1%	0
010.11	Moisture, NIR (%)	2036	11.975	0.01000	10.459	1.0432	0.16800	5	1.45	7%	0
010.99	Moisture, Miscellaneous (%)	2100	9.2100	0.14000	10.377	0.43197	0.11824	17	-2.70	6%	0
010.99	Moisture, Miscellaneous (%)	0168	9.3150	0.21000	10.377	0.43197	0.11824	17	-2.46	5%	0
010.99	Moisture, Miscellaneous (%)	0028	9.7350	0.01000	10.377	0.43197	0.11824	17	-1.49	3%	0
010.99	Moisture, Miscellaneous (%)	2004	10.100	0.00000	10.377	0.43197	0.11824	17	-0.64	1%	0
010.99	Moisture, Miscellaneous (%)	0948	10.220	0.02000	10.377	0.43197	0.11824	17	-0.36	1%	0
010.99	Moisture, Miscellaneous (%)	0910	10.250	0.10000	10.377	0.43197	0.11824	17	-0.29	1%	0
010.99	Moisture, Miscellaneous (%)	0917	10.250	0.10000	10.377	0.43197	0.11824	17	-0.29	1%	0
010.99	Moisture, Miscellaneous (%)	0019	10.280	0.14000	10.377	0.43197	0.11824	17	-0.22	0%	0
010.99	Moisture, Miscellaneous (%)	0939	10.365	0.03000	10.377	0.43197	0.11824	17	-0.03	0%	0
010.99	Moisture, Miscellaneous (%)	0952	10.425	0.07000	10.377	0.43197	0.11824	17	0.11	0%	0
010.99	Moisture, Miscellaneous (%)	2089	10.515	0.03000	10.377	0.43197	0.11824	17	0.32	1%	0
010.99	Moisture, Miscellaneous (%)	0921	10.595	0.41000	10.377	0.43197	0.11824	17	0.51	1%	0
010.99	Moisture, Miscellaneous (%)	0190	10.695	0.05000	10.377	0.43197	0.11824	17	0.74	2%	0
010.99	Moisture, Miscellaneous (%)	0726	10.715	0.09000	10.377	0.43197	0.11824	17	0.78	2%	0
010.99	Moisture, Miscellaneous (%)	2105	10.775	0.35000	10.377	0.43197	0.11824	17	0.92	2%	0
010.99	Moisture, Miscellaneous (%)	0943	10.940	0.22000	10.377	0.43197	0.11824	17	1.30	3%	0
010.99	Moisture, Miscellaneous (%)	0405	11.030	0.04000	10.377	0.43197	0.11824	17	1.51	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	9.2050	0.05000	11.356	0.34241	0.09674	79	-6.28	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	9.7250	0.01000	11.356	0.34241	0.09674	79	-4.76	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	9.8800	0.44000	11.356	0.34241	0.09674	79	-4.31	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	10.050	0.10000	11.356	0.34241	0.09674	79	-3.82	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2016	10.150	0.14000	11.356	0.34241	0.09674	79	-3.52	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	10.230	0.04000	11.356	0.34241	0.09674	79	-3.29	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	10.430	0.04000	11.356	0.34241	0.09674	79	-2.71	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	10.440	0.08000	11.356	0.34241	0.09674	79	-2.68	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	10.522	0.00470	11.356	0.34241	0.09674	79	-2.44	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.754	0.08210	11.356	0.34241	0.09674	79	-1.76	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	10.800	0.00000	11.356	0.34241	0.09674	79	-1.62	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.805	0.01000	11.356	0.34241	0.09674	79	-1.61	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	10.835	0.03000	11.356	0.34241	0.09674	79	-1.52	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0960	10.850	0.06000	11.356	0.34241	0.09674	79	-1.48	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	10.895	0.05000	11.356	0.34241	0.09674	79	-1.35	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	11.015	0.01000	11.356	0.34241	0.09674	79	-1.00	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	11.030	0.02000	11.356	0.34241	0.09674	79	-0.95	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	11.070	0.01500	11.356	0.34241	0.09674	79	-0.84	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	
011.01	Loss on Drying, 135°C 2hr (%)	0178	11.080	0.00000	11.356	0.34241	0.09674	79	-0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	11.100	0.40000	11.356	0.34241	0.09674	79	-0.75	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	11.128	0.18700	11.356	0.34241	0.09674	79	-0.67	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	11.140	0.08000	11.356	0.34241	0.09674	79	-0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0955	11.200	0.00000	11.356	0.34241	0.09674	79	-0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	11.212	0.08800	11.356	0.34241	0.09674	79	-0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	11.250	0.10000	11.356	0.34241	0.09674	79	-0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	11.250	0.02000	11.356	0.34241	0.09674	79	-0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	11.250	0.10000	11.356	0.34241	0.09674	79	-0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	11.260	0.20000	11.356	0.34241	0.09674	79	-0.28	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	11.275	0.07000	11.356	0.34241	0.09674	79	-0.24	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0194	11.285	0.03000	11.356	0.34241	0.09674	79	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	11.285	0.01000	11.356	0.34241	0.09674	79	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	11.305	0.09000	11.356	0.34241	0.09674	79	-0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	11.310	0.02000	11.356	0.34241	0.09674	79	-0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	11.320	0.24000	11.356	0.34241	0.09674	79	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	11.323	0.01400	11.356	0.34241	0.09674	79	-0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	11.336	0.02800	11.356	0.34241	0.09674	79	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	11.340	0.02000	11.356	0.34241	0.09674	79	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	11.350	0.30000	11.356	0.34241	0.09674	79	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0300	11.373	0.01800	11.356	0.34241	0.09674	79	0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	11.385	0.03000	11.356	0.34241	0.09674	79	0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	11.390	0.08000	11.356	0.34241	0.09674	79	0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	11.395	0.01000	11.356	0.34241	0.09674	79	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	11.397	0.00130	11.356	0.34241	0.09674	79	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	11.400	0.10000	11.356	0.34241	0.09674	79	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	11.400	0.60000	11.356	0.34241	0.09674	79	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	11.445	0.09000	11.356	0.34241	0.09674	79	0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	11.450	0.10000	11.356	0.34241	0.09674	79	0.27	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	11.450	0.00000	11.356	0.34241	0.09674	79	0.27	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2067	11.451	0.10800	11.356	0.34241	0.09674	79	0.28	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	11.455	0.38870	11.356	0.34241	0.09674	79	0.29	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	11.470	0.24000	11.356	0.34241	0.09674	79	0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	11.485	0.15000	11.356	0.34241	0.09674	79	0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	11.490	0.10000	11.356	0.34241	0.09674	79	0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	11.500	0.00000	11.356	0.34241	0.09674	79	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	11.500	0.00000	11.356	0.34241	0.09674	79	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	11.515	0.20800	11.356	0.34241	0.09674	79	0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	11.530	0.06000	11.356	0.34241	0.09674	79	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	11.565	0.01000	11.356	0.34241	0.09674	79	0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	11.575	0.27000	11.356	0.34241	0.09674	79	0.64	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	11.590	0.04000	11.356	0.34241	0.09674	79	0.68	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0033	11.600	0.00000	11.356	0.34241	0.09674	79	0.71	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	11.600	0.04000	11.356	0.34241	0.09674	79	0.71	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	11.635	0.03000	11.356	0.34241	0.09674	79	0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	11.645	0.01000	11.356	0.34241	0.09674	79	0.84	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	11.670	0.06000	11.356	0.34241	0.09674	79	0.92	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	11.685	0.03000	11.356	0.34241	0.09674	79	0.96	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	11.715	0.29000	11.356	0.34241	0.09674	79	1.05	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2058	11.730	0.08000	11.356	0.34241	0.09674	79	1.09	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	11.740	0.04000	11.356	0.34241	0.09674	79	1.12	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	11.760	0.04000	11.356	0.34241	0.09674	79	1.18	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	11.765	0.01000	11.356	0.34241	0.09674	79	1.19	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	11.780	0.36000	11.356	0.34241	0.09674	79	1.24	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	11.785	0.09000	11.356	0.34241	0.09674	79	1.25	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	11.800	0.00000	11.356	0.34241	0.09674	79	1.30	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	11.925	0.09000	11.356	0.34241	0.09674	79	1.66	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	11.950	0.38000	11.356	0.34241	0.09674	79	1.73	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	11.960	0.00000	11.356	0.34241	0.09674	79	1.76	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0958	11.970	0.16000	11.356	0.34241	0.09674	79	1.79	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	12.045	0.15000	11.356	0.34241	0.09674	79	2.01	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	10.955	1.0100	11.356	0.34241	0.09674	79	-1.17	2%	1
011.01	Loss on Drying, 135°C 2hr (%)	0961	11.040	0.80000	11.356	0.34241	0.09674	79	-0.92	1%	1
011.01	Loss on Drying, 135°C 2hr (%)	0047	11.950	0.90000	11.356	0.34241	0.09674	79	1.73	3%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	10.945	0.11000			0.11000	2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	2023	11.645	0.11000			0.11000	2			0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0681	7.7500	0.28000			0.28000	1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	10.175	0.05000	10.627	0.41983	0.07000	4	-1.08	2%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	10.700	0.00000	10.627	0.41983	0.07000	4	0.17	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	11.005	0.03000	10.627	0.41983	0.07000	4	0.90	2%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	11.060	0.20000	10.627	0.41983	0.07000	4	1.03	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0682	24.540	0.00000	26.805	0.24647	0.08750	8	-9.19	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	26.632	0.00000	26.805	0.24647	0.08750	8	-0.70	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	26.640	0.04000	26.805	0.24647	0.08750	8	-0.67	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0178	26.790	0.10000	26.805	0.24647	0.08750	8	-0.06	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	26.870	0.06000	26.805	0.24647	0.08750	8	0.26	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	26.900	0.20000	26.805	0.24647	0.08750	8	0.38	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	26.950	0.30000	26.805	0.24647	0.08750	8	0.59	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	27.460	0.00000	26.805	0.24647	0.08750	8	2.66	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	26.450	0.70000	26.805	0.24647	0.08750	8	-1.44	1%	1
012.01	Starch, Megazyme (%)	0918	22.835	1.0580	24.949	1.1641	0.51481	8	-1.82	4%	0
012.01	Starch, Megazyme (%)	2004	24.050	0.10000	24.949	1.1641	0.51481	8	-0.77	2%	0
012.01	Starch, Megazyme (%)	0956	24.450	0.10000	24.949	1.1641	0.51481	8	-0.43	1%	0
012.01	Starch, Megazyme (%)	0676	24.530	0.26000	24.949	1.1641	0.51481	8	-0.36	1%	0

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012.01	Starch, Megazyme (%)	0870	25.267	0.10050	24.949	1.1641	0.51481	8	0.27	1%	0
012.01	Starch, Megazyme (%)	0613	25.400	1.0000	24.949	1.1641	0.51481	8	0.39	1%	0
012.01	Starch, Megazyme (%)	0045	26.100	1.2000	24.949	1.1641	0.51481	8	0.99	2%	0
012.01	Starch, Megazyme (%)	0265	27.350	0.30000	24.949	1.1641	0.51481	8	2.06	5%	0
012.02	Starch, Colorimetric (GOP) (%)	0955	26.000	0.80000			0.80000	1			0
012.03	Starch, Enzymatic (%)	0098	24.550	1.3000	25.492	1.0022	0.54333	3			0
012.03	Starch, Enzymatic (%)	0407	25.380	0.28000	25.492	1.0022	0.54333	3			0
012.03	Starch, Enzymatic (%)	0889	26.545	0.05000	25.492	1.0022	0.54333	3			0
012.04	Starch, YSI Analyzer (%)	0160	24.645	0.19000	25.285	0.56853	0.18600	5	-1.13	1%	0
012.04	Starch, YSI Analyzer (%)	0353	24.960	0.02000	25.285	0.56853	0.18600	5	-0.57	1%	0
012.04	Starch, YSI Analyzer (%)	0510	25.050	0.10000	25.285	0.56853	0.18600	5	-0.41	0%	0
012.04	Starch, YSI Analyzer (%)	0278	25.850	0.10000	25.285	0.56853	0.18600	5	0.99	1%	0
012.04	Starch, YSI Analyzer (%)	0948	25.920	0.52000	25.285	0.56853	0.18600	5	1.12	1%	0
012.11	Starch, NIR (%)	0852	23.685	0.27000	27.180	3.1000	0.28000	5	-1.13	6%	0
012.11	Starch, NIR (%)	0889	24.420	0.88000	27.180	3.1000	0.28000	5	-0.89	5%	0
012.11	Starch, NIR (%)	0720	26.415	0.03000	27.180	3.1000	0.28000	5	-0.25	1%	0
012.11	Starch, NIR (%)	0613	27.445	0.13000	27.180	3.1000	0.28000	5	0.09	0%	0
012.11	Starch, NIR (%)	2036	31.175	0.09000	27.180	3.1000	0.28000	5	1.29	7%	0
013.00	Fat, Acid hydrolysis (%)	0555	3.6000	0.60000	4.5248	0.53561	0.13156	14	-1.73	10%	0
013.00	Fat, Acid hydrolysis (%)	0083	3.9200	0.22000	4.5248	0.53561	0.13156	14	-1.13	7%	0
013.00	Fat, Acid hydrolysis (%)	2016	4.1400	0.04000	4.5248	0.53561	0.13156	14	-0.72	4%	0
013.00	Fat, Acid hydrolysis (%)	0504	4.1450	0.03000	4.5248	0.53561	0.13156	14	-0.71	4%	0
013.00	Fat, Acid hydrolysis (%)	0689	4.2500	0.10000	4.5248	0.53561	0.13156	14	-0.51	3%	0
013.00	Fat, Acid hydrolysis (%)	0681	4.2900	0.36000	4.5248	0.53561	0.13156	14	-0.44	3%	0
013.00	Fat, Acid hydrolysis (%)	0948	4.5350	0.01000	4.5248	0.53561	0.13156	14	0.02	0%	0
013.00	Fat, Acid hydrolysis (%)	0229	4.5650	0.03000	4.5248	0.53561	0.13156	14	0.08	0%	0
013.00	Fat, Acid hydrolysis (%)	0910	4.6650	0.03000	4.5248	0.53561	0.13156	14	0.26	2%	0
013.00	Fat, Acid hydrolysis (%)	0242	4.6750	0.11000	4.5248	0.53561	0.13156	14	0.28	2%	0
013.00	Fat, Acid hydrolysis (%)	2004	4.8000	0.20000	4.5248	0.53561	0.13156	14	0.51	3%	0
013.00	Fat, Acid hydrolysis (%)	0309	4.9420	0.06190	4.5248	0.53561	0.13156	14	0.78	5%	0
013.00	Fat, Acid hydrolysis (%)	0202	5.5050	0.01000	4.5248	0.53561	0.13156	14	1.83	11%	0
013.00	Fat, Acid hydrolysis (%)	2023	5.8100	0.04000	4.5248	0.53561	0.13156	14	2.40	14%	0
013.00	Fat, Acid hydrolysis (%)	2076	5.6290	1.1880	4.5248	0.53561	0.13156	14	2.06	12%	1
013.02	Fat, Mojonnier, Bak Ext (%)	0960	3.9900	0.00000	5.1550	0.37552	0.17306	25	-3.10	11%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	4.5350	0.39000	5.1550	0.37552	0.17306	25	-1.65	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	4.6400	0.38000	5.1550	0.37552	0.17306	25	-1.37	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2058	4.7650	0.05000	5.1550	0.37552	0.17306	25	-1.04	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	4.8200	0.46000	5.1550	0.37552	0.17306	25	-0.89	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	4.8866	0.32650	5.1550	0.37552	0.17306	25	-0.71	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	4.9200	0.02000	5.1550	0.37552	0.17306	25	-0.63	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	4.9250	0.15000	5.1550	0.37552	0.17306	25	-0.61	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	5.0800	0.04000	5.1550	0.37552	0.17306	25	-0.20	1%	0



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013.02	Fat, Mojonnier, Bak Ext (%)	0643	5.0850	0.07000	5.1550	0.37552	0.17306	25	-0.19	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	5.0950	0.09000	5.1550	0.37552	0.17306	25	-0.16	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	5.1450	0.33000	5.1550	0.37552	0.17306	25	-0.03	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	5.1450	0.21000	5.1550	0.37552	0.17306	25	-0.03	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	5.1650	0.25000	5.1550	0.37552	0.17306	25	0.03	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	5.1850	0.03000	5.1550	0.37552	0.17306	25	0.08	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	5.2400	0.10000	5.1550	0.37552	0.17306	25	0.23	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2057	5.2550	0.05000	5.1550	0.37552	0.17306	25	0.27	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	5.4300	0.10000	5.1550	0.37552	0.17306	25	0.73	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0943	5.4350	0.15000	5.1550	0.37552	0.17306	25	0.75	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0011	5.5000	0.00000	5.1550	0.37552	0.17306	25	0.92	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	5.5400	0.14000	5.1550	0.37552	0.17306	25	1.03	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0958	5.5500	0.44000	5.1550	0.37552	0.17306	25	1.05	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	5.5750	0.49000	5.1550	0.37552	0.17306	25	1.12	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	5.6300	0.06000	5.1550	0.37552	0.17306	25	1.26	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	5.6800	0.00000	5.1550	0.37552	0.17306	25	1.40	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	4.9200	0.96000	5.1550	0.37552	0.17306	25	-0.63	2%	1
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	3.2890	0.03000			0.03000	1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2003	3.6432	0.08230	4.4300	0.49236	0.09904	8	-1.60	9%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	4.0150	0.11000	4.4300	0.49236	0.09904	8	-0.84	5%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	4.2500	0.20000	4.4300	0.49236	0.09904	8	-0.37	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0638	4.4000	0.00000	4.4300	0.49236	0.09904	8	-0.06	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	4.4450	0.01000	4.4300	0.49236	0.09904	8	0.03	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	4.5350	0.21000	4.4300	0.49236	0.09904	8	0.21	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	4.9500	0.10000	4.4300	0.49236	0.09904	8	1.06	6%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	5.4500	0.08000	4.4300	0.49236	0.09904	8	2.07	12%	0
013.12	Fat, NIR- Acid Hydrolysis (%)	0961	4.3300	1.1000			1.1000	1			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	5.0100	0.04000	5.6317	0.92933	0.13667	3			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	5.1850	0.17000	5.6317	0.92933	0.13667	3			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	6.7000	0.20000	5.6317	0.92933	0.13667	3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	144.13	2.9100	174.34	20.824	4.8725	5	-1.45	9%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	169.78	2.7425	174.34	20.824	4.8725	5	-0.22	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	171.80	10.710	174.34	20.824	4.8725	5	-0.12	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	186.00	4.0000	174.34	20.824	4.8725	5	0.56	3%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	200.00	4.0000	174.34	20.824	4.8725	5	1.23	7%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	187.85	9.5000			9.5000	1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	131.50	1.0000	168.03	27.729	5.5132	5	-1.32	11%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	152.16	13.566	168.03	27.729	5.5132	5	-0.57	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	166.00	2.0000	168.03	27.729	5.5132	5	-0.07	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	194.00	4.0000	168.03	27.729	5.5132	5	0.94	8%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	196.50	7.0000	168.03	27.729	5.5132	5	1.03	8%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	6.4600	0.10000			0.46000	2			0

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017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	7.7500	0.82000			0.46000	2			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	6.3500	0.70000	7.4702	1.3810	0.58436	5	-0.81	7%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	6.5460	0.95180	7.4702	1.3810	0.58436	5	-0.67	6%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	6.6800	0.44000	7.4702	1.3810	0.58436	5	-0.57	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	8.2250	0.13000	7.4702	1.3810	0.58436	5	0.55	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0037	9.5500	0.70000	7.4702	1.3810	0.58436	5	1.51	14%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	5.7000	0.20000	6.7038	0.76096	1.2979	5	-1.32	7%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0168	5.9546	4.6594	6.7038	0.76096	1.2979	5	-0.98	6%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	6.6150	0.63000	6.7038	0.76096	1.2979	5	-0.12	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	7.0000	0.00000	6.7038	0.76096	1.2979	5	0.39	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	7.5000	1.0000	6.7038	0.76096	1.2979	5	1.05	6%	0
017.52	Boron, ICP-MS, Open vessel (mg / kg (ppm))	0096	6.5500	0.10000			0.10000	1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	2.0885	0.01900	2.2283	0.07840	0.02606	19	-1.78	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2097	2.0950	0.00180	2.2283	0.07840	0.02606	19	-1.70	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	2.1600	0.02000	2.2283	0.07840	0.02606	19	-0.87	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2093	2.1600	0.02000	2.2283	0.07840	0.02606	19	-0.87	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0896	2.1650	0.01000	2.2283	0.07840	0.02606	19	-0.81	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2067	2.1775	0.10100	2.2283	0.07840	0.02606	19	-0.65	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	2.1850	0.01000	2.2283	0.07840	0.02606	19	-0.55	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	2.2250	0.05000	2.2283	0.07840	0.02606	19	-0.04	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	2.2350	0.01230	2.2283	0.07840	0.02606	19	0.08	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	2.2350	0.01000	2.2283	0.07840	0.02606	19	0.09	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	2.2385	0.03100	2.2283	0.07840	0.02606	19	0.13	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	2.2400	0.04000	2.2283	0.07840	0.02606	19	0.15	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	2.2650	0.01000	2.2283	0.07840	0.02606	19	0.47	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2091	2.2750	0.05000	2.2283	0.07840	0.02606	19	0.60	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	2.2850	0.01000	2.2283	0.07840	0.02606	19	0.72	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	2.2950	0.01000	2.2283	0.07840	0.02606	19	0.85	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	2.3050	0.01000	2.2283	0.07840	0.02606	19	0.98	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0900	2.3250	0.01000	2.2283	0.07840	0.02606	19	1.23	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2011	2.4050	0.07000	2.2283	0.07840	0.02606	19	2.25	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	1.9755	0.13300	2.2283	0.07840	0.02606	19	-3.22	6%	1
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	2.2688	0.01020			0.01020	1			0
019.08	Calcium, EDTA (%)	0852	1.9500	0.10000	2.1984	0.08583	0.01694	8	-2.89	6%	0
019.08	Calcium, EDTA (%)	0629	2.1300	0.00000	2.1984	0.08583	0.01694	8	-0.80	2%	0
019.08	Calcium, EDTA (%)	0590	2.1400	0.00000	2.1984	0.08583	0.01694	8	-0.68	1%	0
019.08	Calcium, EDTA (%)	0689	2.2000	0.00000	2.1984	0.08583	0.01694	8	0.02	0%	0
019.08	Calcium, EDTA (%)	0849	2.2350	0.01000	2.1984	0.08583	0.01694	8	0.43	1%	0
019.08	Calcium, EDTA (%)	2086	2.2350	0.01000	2.1984	0.08583	0.01694	8	0.43	1%	0
019.08	Calcium, EDTA (%)	2009	2.2637	0.00450	2.1984	0.08583	0.01694	8	0.76	1%	0
019.08	Calcium, EDTA (%)	0138	2.3035	0.01100	2.1984	0.08583	0.01694	8	1.22	2%	0
019.08	Calcium, EDTA (%)	0940	2.3900	0.16000	2.1984	0.08583	0.01694	8	2.23	4%	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			
019.09	Calcium, Ion-selective electrode (%)	2006	2.0495	0.02500			0.02500	1			0
019.31	Calcium, AAS, Dry ash (%)	0638	0.88450	0.00100	2.2251	0.11861	0.03163	28	-11.30	30%	0
019.31	Calcium, AAS, Dry ash (%)	0152	1.9550	0.09000	2.2251	0.11861	0.03163	28	-2.28	6%	0
019.31	Calcium, AAS, Dry ash (%)	0175	2.0700	0.02000	2.2251	0.11861	0.03163	28	-1.31	3%	0
019.31	Calcium, AAS, Dry ash (%)	0689	2.1000	0.02000	2.2251	0.11861	0.03163	28	-1.05	3%	0
019.31	Calcium, AAS, Dry ash (%)	0921	2.1140	0.00000	2.2251	0.11861	0.03163	28	-0.94	2%	0
019.31	Calcium, AAS, Dry ash (%)	0687	2.1200	0.04000	2.2251	0.11861	0.03163	28	-0.89	2%	0
019.31	Calcium, AAS, Dry ash (%)	0939	2.1300	0.02000	2.2251	0.11861	0.03163	28	-0.80	2%	0
019.31	Calcium, AAS, Dry ash (%)	0233	2.1550	0.05000	2.2251	0.11861	0.03163	28	-0.59	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	2.1657	0.01060	2.2251	0.11861	0.03163	28	-0.50	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	2.1690	0.05000	2.2251	0.11861	0.03163	28	-0.47	1%	0
019.31	Calcium, AAS, Dry ash (%)	0066	2.1900	0.04000	2.2251	0.11861	0.03163	28	-0.30	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	2.1950	0.01000	2.2251	0.11861	0.03163	28	-0.25	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	2.1980	0.00190	2.2251	0.11861	0.03163	28	-0.23	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	2.2200	0.04000	2.2251	0.11861	0.03163	28	-0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	0178	2.2285	0.00100	2.2251	0.11861	0.03163	28	0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0674	2.2300	0.02000	2.2251	0.11861	0.03163	28	0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	0354	2.2400	0.04000	2.2251	0.11861	0.03163	28	0.13	0%	0
019.31	Calcium, AAS, Dry ash (%)	0723	2.2694	0.00000	2.2251	0.11861	0.03163	28	0.37	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	2.2900	0.04000	2.2251	0.11861	0.03163	28	0.55	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	2.2900	0.00000	2.2251	0.11861	0.03163	28	0.55	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	2.3000	0.04000	2.2251	0.11861	0.03163	28	0.63	2%	0
019.31	Calcium, AAS, Dry ash (%)	0650	2.3000	0.02000	2.2251	0.11861	0.03163	28	0.63	2%	0
019.31	Calcium, AAS, Dry ash (%)	0874	2.3228	0.00110	2.2251	0.11861	0.03163	28	0.82	2%	0
019.31	Calcium, AAS, Dry ash (%)	0868	2.3400	0.02000	2.2251	0.11861	0.03163	28	0.97	3%	0
019.31	Calcium, AAS, Dry ash (%)	0014	2.3750	0.15000	2.2251	0.11861	0.03163	28	1.26	3%	0
019.31	Calcium, AAS, Dry ash (%)	0529	2.6000	0.06000	2.2251	0.11861	0.03163	28	3.16	8%	0
019.31	Calcium, AAS, Dry ash (%)	2018	2.7800	0.06000	2.2251	0.11861	0.03163	28	4.68	12%	0
019.31	Calcium, AAS, Dry ash (%)	0646	4.3900	0.04000	2.2251	0.11861	0.03163	28	18.25	49%	0
019.31	Calcium, AAS, Dry ash (%)	0142	2.1868	0.21390	2.2251	0.11861	0.03163	28	-0.32	1%	1
019.32	Calcium, AAS, Open vessel (%)	0169	2.1150	0.03000	2.1547	0.04713	0.03295	6	-0.84	1%	0
019.32	Calcium, AAS, Open vessel (%)	0035	2.1185	0.04900	2.1547	0.04713	0.03295	6	-0.77	1%	0
019.32	Calcium, AAS, Open vessel (%)	0609	2.1250	0.01000	2.1547	0.04713	0.03295	6	-0.63	1%	0
019.32	Calcium, AAS, Open vessel (%)	0263	2.1625	0.00670	2.1547	0.04713	0.03295	6	0.16	0%	0
019.32	Calcium, AAS, Open vessel (%)	0504	2.3290	0.07200	2.1547	0.04713	0.03295	6	3.70	4%	0
019.32	Calcium, AAS, Open vessel (%)	0612	2.3350	0.03000	2.1547	0.04713	0.03295	6	3.82	4%	0
019.33	Calcium, AAS, Microwave (%)	0504	2.2745	0.19100			0.19100	1			0
019.41	Calcium, ICP, Dry ash (%)	0520	1.9250	0.07000	2.2156	0.13609	0.04469	34	-2.14	7%	0
019.41	Calcium, ICP, Dry ash (%)	0144	2.0050	0.07000	2.2156	0.13609	0.04469	34	-1.55	5%	0
019.41	Calcium, ICP, Dry ash (%)	0123	2.0500	0.02000	2.2156	0.13609	0.04469	34	-1.22	4%	0
019.41	Calcium, ICP, Dry ash (%)	2012	2.0500	0.00000	2.2156	0.13609	0.04469	34	-1.22	4%	0
019.41	Calcium, ICP, Dry ash (%)	0720	2.0600	0.02000	2.2156	0.13609	0.04469	34	-1.14	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0011	2.0711	0.00930	2.2156	0.13609	0.04469	34	-1.06	3%	0
019.41	Calcium, ICP, Dry ash (%)	0511	2.0850	0.09000	2.2156	0.13609	0.04469	34	-0.96	3%	0
019.41	Calcium, ICP, Dry ash (%)	0682	2.1000	0.00000	2.2156	0.13609	0.04469	34	-0.85	3%	0
019.41	Calcium, ICP, Dry ash (%)	0164	2.1400	0.00000	2.2156	0.13609	0.04469	34	-0.56	2%	0
019.41	Calcium, ICP, Dry ash (%)	0910	2.1450	0.05000	2.2156	0.13609	0.04469	34	-0.52	2%	0
019.41	Calcium, ICP, Dry ash (%)	0413	2.1500	0.10000	2.2156	0.13609	0.04469	34	-0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	2.1550	0.01000	2.2156	0.13609	0.04469	34	-0.45	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	2.1600	0.06000	2.2156	0.13609	0.04469	34	-0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	2.1700	0.02000	2.2156	0.13609	0.04469	34	-0.34	1%	0
019.41	Calcium, ICP, Dry ash (%)	0089	2.1800	0.00000	2.2156	0.13609	0.04469	34	-0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	2.1950	0.03000	2.2156	0.13609	0.04469	34	-0.15	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	2.2250	0.07000	2.2156	0.13609	0.04469	34	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0300	2.2250	0.02600	2.2156	0.13609	0.04469	34	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	2.2350	0.01000	2.2156	0.13609	0.04469	34	0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0512	2.2425	0.09500	2.2156	0.13609	0.04469	34	0.20	1%	0
019.41	Calcium, ICP, Dry ash (%)	0619	2.2450	0.07000	2.2156	0.13609	0.04469	34	0.22	1%	0
019.41	Calcium, ICP, Dry ash (%)	0848	2.2550	0.01000	2.2156	0.13609	0.04469	34	0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	2.2652	0.05900	2.2156	0.13609	0.04469	34	0.36	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	2.2800	0.06000	2.2156	0.13609	0.04469	34	0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	2089	2.3000	0.08000	2.2156	0.13609	0.04469	34	0.62	2%	0
019.41	Calcium, ICP, Dry ash (%)	0405	2.3300	0.02000	2.2156	0.13609	0.04469	34	0.84	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	2.3360	0.05000	2.2156	0.13609	0.04469	34	0.88	3%	0
019.41	Calcium, ICP, Dry ash (%)	0358	2.3500	0.02000	2.2156	0.13609	0.04469	34	0.99	3%	0
019.41	Calcium, ICP, Dry ash (%)	0004	2.3500	0.08000	2.2156	0.13609	0.04469	34	0.99	3%	0
019.41	Calcium, ICP, Dry ash (%)	0098	2.3600	0.08000	2.2156	0.13609	0.04469	34	1.06	3%	0
019.41	Calcium, ICP, Dry ash (%)	0610	2.3750	0.09000	2.2156	0.13609	0.04469	34	1.17	4%	0
019.41	Calcium, ICP, Dry ash (%)	0425	2.3800	0.00000	2.2156	0.13609	0.04469	34	1.21	4%	0
019.41	Calcium, ICP, Dry ash (%)	0226	2.4300	0.02000	2.2156	0.13609	0.04469	34	1.58	5%	0
019.41	Calcium, ICP, Dry ash (%)	0083	2.5050	0.13000	2.2156	0.13609	0.04469	34	2.13	7%	0
019.41	Calcium, ICP, Dry ash (%)	0208	2.6345	0.56100	2.2156	0.13609	0.04469	34	3.08	9%	1
019.42	Calcium, ICP, Open vessel (%)	0042	1.6400	0.02000	2.2262	0.19509	0.04190	22	-3.00	13%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.8100	0.06000	2.2262	0.19509	0.04190	22	-2.13	9%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.9955	0.04100	2.2262	0.19509	0.04190	22	-1.18	5%	0
019.42	Calcium, ICP, Open vessel (%)	0366	2.0300	0.02000	2.2262	0.19509	0.04190	22	-1.01	4%	0
019.42	Calcium, ICP, Open vessel (%)	0035	2.0400	0.00200	2.2262	0.19509	0.04190	22	-0.95	4%	0
019.42	Calcium, ICP, Open vessel (%)	0045	2.0900	0.06000	2.2262	0.19509	0.04190	22	-0.70	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	2.1400	0.00000	2.2262	0.19509	0.04190	22	-0.44	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	2.1679	0.06290	2.2262	0.19509	0.04190	22	-0.30	1%	0
019.42	Calcium, ICP, Open vessel (%)	0205	2.1950	0.07000	2.2262	0.19509	0.04190	22	-0.16	1%	0
019.42	Calcium, ICP, Open vessel (%)	0026	2.2000	0.02000	2.2262	0.19509	0.04190	22	-0.13	1%	0
019.42	Calcium, ICP, Open vessel (%)	0555	2.2136	0.10000	2.2262	0.19509	0.04190	22	-0.06	0%	0
019.42	Calcium, ICP, Open vessel (%)	0613	2.2350	0.23000	2.2262	0.19509	0.04190	22	0.05	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			
019.42	Calcium, ICP, Open vessel (%)	2053	2.2500	0.02000	2.2262	0.19509	0.04190	22	0.12	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	2.3175	0.03300	2.2262	0.19509	0.04190	22	0.47	2%	0
019.42	Calcium, ICP, Open vessel (%)	0037	2.3350	0.01000	2.2262	0.19509	0.04190	22	0.56	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	2.3395	0.00900	2.2262	0.19509	0.04190	22	0.58	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	2.3550	0.03000	2.2262	0.19509	0.04190	22	0.66	3%	0
019.42	Calcium, ICP, Open vessel (%)	0357	2.3800	0.02000	2.2262	0.19509	0.04190	22	0.79	3%	0
019.42	Calcium, ICP, Open vessel (%)	0692	2.4150	0.01000	2.2262	0.19509	0.04190	22	0.97	4%	0
019.42	Calcium, ICP, Open vessel (%)	0187	2.4200	0.04000	2.2262	0.19509	0.04190	22	0.99	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	2.4710	0.05400	2.2262	0.19509	0.04190	22	1.25	5%	0
019.42	Calcium, ICP, Open vessel (%)	0202	2.5650	0.01000	2.2262	0.19509	0.04190	22	1.74	8%	0
019.42	Calcium, ICP, Open vessel (%)	0265	2.3200	0.38000	2.2262	0.19509	0.04190	22	0.48	2%	1
019.43	Calcium, ICP, Microwave (%)	2058	1.8700	0.00000	2.2373	0.14814	0.03755	19	-2.48	8%	0
019.43	Calcium, ICP, Microwave (%)	0510	2.0250	0.01000	2.2373	0.14814	0.03755	19	-1.43	5%	0
019.43	Calcium, ICP, Microwave (%)	0629	2.1200	0.00000	2.2373	0.14814	0.03755	19	-0.79	3%	0
019.43	Calcium, ICP, Microwave (%)	0038	2.1300	0.02000	2.2373	0.14814	0.03755	19	-0.72	2%	0
019.43	Calcium, ICP, Microwave (%)	0033	2.1350	0.03000	2.2373	0.14814	0.03755	19	-0.69	2%	0
019.43	Calcium, ICP, Microwave (%)	0168	2.1481	0.04040	2.2373	0.14814	0.03755	19	-0.60	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	2.1529	0.02880	2.2373	0.14814	0.03755	19	-0.57	2%	0
019.43	Calcium, ICP, Microwave (%)	0345	2.1750	0.05000	2.2373	0.14814	0.03755	19	-0.42	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	2.2150	0.01000	2.2373	0.14814	0.03755	19	-0.15	0%	0
019.43	Calcium, ICP, Microwave (%)	0968	2.2575	0.04700	2.2373	0.14814	0.03755	19	0.14	0%	0
019.43	Calcium, ICP, Microwave (%)	0918	2.2670	0.00000	2.2373	0.14814	0.03755	19	0.20	1%	0
019.43	Calcium, ICP, Microwave (%)	0668	2.2700	0.04000	2.2373	0.14814	0.03755	19	0.22	1%	0
019.43	Calcium, ICP, Microwave (%)	0027	2.2725	0.02700	2.2373	0.14814	0.03755	19	0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	0508	2.2865	0.08330	2.2373	0.14814	0.03755	19	0.33	1%	0
019.43	Calcium, ICP, Microwave (%)	0028	2.3450	0.11000	2.2373	0.14814	0.03755	19	0.73	2%	0
019.43	Calcium, ICP, Microwave (%)	0006	2.3635	0.02700	2.2373	0.14814	0.03755	19	0.85	3%	0
019.43	Calcium, ICP, Microwave (%)	0098	2.4050	0.01000	2.2373	0.14814	0.03755	19	1.13	4%	0
019.43	Calcium, ICP, Microwave (%)	0353	2.5350	0.01000	2.2373	0.14814	0.03755	19	2.01	7%	0
019.43	Calcium, ICP, Microwave (%)	0861	2.5950	0.17000	2.2373	0.14814	0.03755	19	2.41	8%	0
019.43	Calcium, ICP, Microwave (%)	2052	2.1800	0.22000	2.2373	0.14814	0.03755	19	-0.39	1%	1
019.44	Calcium, ICP, Dry ash (%)	2023	2.0650	0.05000	2.1733	0.12493	0.10000	3			0
019.44	Calcium, ICP, Dry ash (%)	0955	2.1450	0.05000	2.1733	0.12493	0.10000	3			0
019.44	Calcium, ICP, Dry ash (%)	2004	2.3100	0.20000	2.1733	0.12493	0.10000	3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	2.1798	0.21980	2.4816	0.38486	0.24993	3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0096	2.3500	0.10000	2.4816	0.38486	0.24993	3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	2.9150	0.43000	2.4816	0.38486	0.24993	3			0
019.53	Calcium, ICP-MS, Microwave (%)	0034	2.2940	0.01220			0.03110	2			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	2.4750	0.05000			0.03110	2			0
019.99	Calcium, Miscellaneous (%)	0852	1.3500	0.30000	2.1399	0.20891	0.11833	6	-3.78	18%	0
019.99	Calcium, Miscellaneous (%)	0889	2.0250	0.01000	2.1399	0.20891	0.11833	6	-0.55	3%	0
019.99	Calcium, Miscellaneous (%)	0242	2.0550	0.13000	2.1399	0.20891	0.11833	6	-0.41	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			
019.99	Calcium, Miscellaneous (%)	2105	2.2500	0.10000	2.1399	0.20891	0.11833	6	0.53	3%	0
019.99	Calcium, Miscellaneous (%)	0676	2.2750	0.09000	2.1399	0.20891	0.11833	6	0.65	3%	0
019.99	Calcium, Miscellaneous (%)	0100	2.3600	0.08000	2.1399	0.20891	0.11833	6	1.05	5%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	3.7500	0.10000	5.3875	1.8259	0.18400	5	-0.90	15%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	4.6200	0.72000	5.3875	1.8259	0.18400	5	-0.42	7%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	4.8000	0.00000	5.3875	1.8259	0.18400	5	-0.32	5%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	5.0000	0.10000	5.3875	1.8259	0.18400	5	-0.21	4%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	2022	8.0000	0.00000	5.3875	1.8259	0.18400	5	1.43	24%	0
021.32	Cobalt, AAS, Open vessel (mg / kg (ppm))	0366	4.4500	0.70000			0.70000	1			0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	4.4950	0.09000			0.09000	1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	2.4000	0.00000	3.5046	1.5622	13.725	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	4.6093	0.17550	3.5046	1.5622	13.725	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0955	537.50	41.000	3.5046	1.5622	13.725	3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	4.1492	1.2020			0.72550	2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	4.3705	0.24900			0.72550	2			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	3.3100	0.08000	3.9410	0.61164	0.13000	5	-1.03	8%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	3.6700	0.34000	3.9410	0.61164	0.13000	5	-0.44	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	3.8650	0.09000	3.9410	0.61164	0.13000	5	-0.12	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	3.9100	0.04000	3.9410	0.61164	0.13000	5	-0.05	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	4.9500	0.10000	3.9410	0.61164	0.13000	5	1.65	13%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0096	4.2000	0.20000	4.2400	0.05292	0.44000	3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	4.2200	0.72000	4.2400	0.05292	0.44000	3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	4.3000	0.40000	4.2400	0.05292	0.44000	3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0168	4.0208	0.21370	4.2796	0.26699	0.50573	3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	4.2640	1.2860	4.2796	0.26699	0.50573	3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	4.5541	0.01750	4.2796	0.26699	0.50573	3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	210.00	0.00000	232.76	6.8622	2.3744	18	-3.32	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	215.55	4.8600	232.76	6.8622	2.3744	18	-2.51	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	225.30	0.80000	232.76	6.8622	2.3744	18	-1.09	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	226.00	0.00000	232.76	6.8622	2.3744	18	-0.99	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	227.50	1.0000	232.76	6.8622	2.3744	18	-0.77	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	228.00	4.0000	232.76	6.8622	2.3744	18	-0.69	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	231.42	0.77000	232.76	6.8622	2.3744	18	-0.20	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	231.50	1.0000	232.76	6.8622	2.3744	18	-0.18	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	233.60	1.6000	232.76	6.8622	2.3744	18	0.12	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	234.21	2.1500	232.76	6.8622	2.3744	18	0.21	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2067	235.28	0.65900	232.76	6.8622	2.3744	18	0.37	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	236.00	2.0000	232.76	6.8622	2.3744	18	0.47	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0178	236.15	2.9000	232.76	6.8622	2.3744	18	0.49	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	237.00	6.0000	232.76	6.8622	2.3744	18	0.62	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	237.50	5.0000	232.76	6.8622	2.3744	18	0.69	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	240.00	6.0000	232.76	6.8622	2.3744	18	1.06	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0014	240.50	3.0000	232.76	6.8622	2.3744	18	1.13	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	244.50	1.0000	232.76	6.8622	2.3744	18	1.71	3%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	235.65	0.50000	241.61	9.6274	7.5800	5	-0.62	1%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	237.30	1.4000	241.61	9.6274	7.5800	5	-0.45	1%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	237.50	5.0000	241.61	9.6274	7.5800	5	-0.43	1%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	256.00	6.0000	241.61	9.6274	7.5800	5	1.49	3%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0612	288.50	25.000	241.61	9.6274	7.5800	5	4.87	10%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	228.98	3.9500			4.3250	2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	243.45	4.7000			4.3250	2			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	186.80	7.1900	229.69	17.903	7.1241	29	-2.40	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	193.53	15.230	229.69	17.903	7.1241	29	-2.02	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	200.00	4.0000	229.69	17.903	7.1241	29	-1.66	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	212.54	4.2800	229.69	17.903	7.1241	29	-0.96	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	213.44	8.1000	229.69	17.903	7.1241	29	-0.91	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	216.25	5.5000	229.69	17.903	7.1241	29	-0.75	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	217.00	2.0000	229.69	17.903	7.1241	29	-0.71	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	217.50	7.0000	229.69	17.903	7.1241	29	-0.68	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	218.00	4.0000	229.69	17.903	7.1241	29	-0.65	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0300	219.65	16.921	229.69	17.903	7.1241	29	-0.56	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	222.00	2.0000	229.69	17.903	7.1241	29	-0.43	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	223.00	2.0000	229.69	17.903	7.1241	29	-0.37	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	227.50	13.000	229.69	17.903	7.1241	29	-0.12	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	231.75	8.5000	229.69	17.903	7.1241	29	0.11	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	231.80	0.00000	229.69	17.903	7.1241	29	0.12	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	232.50	1.0000	229.69	17.903	7.1241	29	0.16	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0512	232.55	9.3000	229.69	17.903	7.1241	29	0.16	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	234.84	1.2390	229.69	17.903	7.1241	29	0.29	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2089	235.25	3.6200	229.69	17.903	7.1241	29	0.31	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	237.26	12.950	229.69	17.903	7.1241	29	0.42	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	239.50	13.800	229.69	17.903	7.1241	29	0.55	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	239.50	11.000	229.69	17.903	7.1241	29	0.55	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0610	244.00	0.00000	229.69	17.903	7.1241	29	0.80	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	245.40	15.400	229.69	17.903	7.1241	29	0.88	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	246.15	8.3000	229.69	17.903	7.1241	29	0.92	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	248.78	2.9700	229.69	17.903	7.1241	29	1.07	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0425	253.35	11.300	229.69	17.903	7.1241	29	1.32	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	261.50	3.0000	229.69	17.903	7.1241	29	1.78	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	274.50	13.000	229.69	17.903	7.1241	29	2.50	10%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	207.00	10.000	236.32	20.372	9.2076	20	-1.44	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	207.65	0.10000	236.32	20.372	9.2076	20	-1.41	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	212.40	3.8100	236.32	20.372	9.2076	20	-1.17	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	218.50	5.0000	236.32	20.372	9.2076	20	-0.87	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	218.50	9.0000	236.32	20.372	9.2076	20	-0.87	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	220.95	6.3000	236.32	20.372	9.2076	20	-0.75	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	226.45	8.3000	236.32	20.372	9.2076	20	-0.48	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	232.00	30.000	236.32	20.372	9.2076	20	-0.21	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	234.89	13.632	236.32	20.372	9.2076	20	-0.07	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	236.00	28.000	236.32	20.372	9.2076	20	-0.02	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	240.00	12.000	236.32	20.372	9.2076	20	0.18	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	242.50	7.0000	236.32	20.372	9.2076	20	0.30	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	244.32	3.4300	236.32	20.372	9.2076	20	0.39	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	244.90	3.8000	236.32	20.372	9.2076	20	0.42	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	249.27	1.0700	236.32	20.372	9.2076	20	0.64	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	251.50	33.000	236.32	20.372	9.2076	20	0.75	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	255.10	2.8000	236.32	20.372	9.2076	20	0.92	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	256.04	6.0100	236.32	20.372	9.2076	20	0.97	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	263.15	0.90000	236.32	20.372	9.2076	20	1.32	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	265.30	0.00000	236.32	20.372	9.2076	20	1.42	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0026	0.02000	0.00000	236.32	20.372	9.2076	20	-11.60	50%	2
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	215.50	5.0000	244.84	19.113	9.1539	21	-1.54	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	223.59	0.69000	244.84	19.113	9.1539	21	-1.11	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	226.00	4.0000	244.84	19.113	9.1539	21	-0.99	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0668	227.50	13.000	244.84	19.113	9.1539	21	-0.91	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	227.50	1.0000	244.84	19.113	9.1539	21	-0.91	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2058	228.48	15.010	244.84	19.113	9.1539	21	-0.86	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	236.00	6.0000	244.84	19.113	9.1539	21	-0.46	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	241.00	0.00000	244.84	19.113	9.1539	21	-0.20	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	241.21	22.780	244.84	19.113	9.1539	21	-0.19	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	243.15	25.700	244.84	19.113	9.1539	21	-0.09	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	244.00	20.000	244.84	19.113	9.1539	21	-0.04	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0028	245.00	0.00000	244.84	19.113	9.1539	21	0.01	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	249.00	0.00000	244.84	19.113	9.1539	21	0.22	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0508	249.07	10.570	244.84	19.113	9.1539	21	0.22	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0168	249.34	18.450	244.84	19.113	9.1539	21	0.23	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0036	253.75	2.3000	244.84	19.113	9.1539	21	0.47	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	260.00	4.0000	244.84	19.113	9.1539	21	0.79	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	260.44	3.7320	244.84	19.113	9.1539	21	0.82	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	287.50	5.0000	244.84	19.113	9.1539	21	2.23	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2052	291.50	5.0000	244.84	19.113	9.1539	21	2.44	10%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0018	295.00	30.000	244.84	19.113	9.1539	21	2.62	10%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0955	227.00	0.00000			5.0000	2			0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	244.00	10.000			5.0000	2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	240.00	0.00000	263.70	21.262	14.200	3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0096	270.00	20.000	263.70	21.262	14.200	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			
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	281.10	22.600	263.70	21.262	14.200	3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0034	234.48	11.470	242.33	13.575	4.8233	3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	234.50	3.0000	242.33	13.575	4.8233	3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	258.00	0.00000	242.33	13.575	4.8233	3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	231.00	12.000			6.0000	2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	238.00	0.00000			6.0000	2			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	39.650	3.7000			3.7000	1			0
024.53	Iodine, ICP-MS, Microwave (mg / kg (ppm))	0668	10.950	0.90000			0.53000	2			0
024.53	Iodine, ICP-MS, Microwave (mg / kg (ppm))	0941	12.330	0.16000			0.53000	2			0
024.99	Iodine, Miscellaneous (mg / kg (ppm))	0208	12.500	0.60000			0.60000	1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	337.63	0.00000	577.60	35.060	3.8173	16	-6.84	21%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	520.00	0.00000	577.60	35.060	3.8173	16	-1.64	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	530.50	5.0000	577.60	35.060	3.8173	16	-1.34	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	548.12	12.330	577.60	35.060	3.8173	16	-0.84	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	560.00	0.00000	577.60	35.060	3.8173	16	-0.50	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	568.00	2.0000	577.60	35.060	3.8173	16	-0.27	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	571.05	4.2600	577.60	35.060	3.8173	16	-0.19	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	578.50	3.0000	577.60	35.060	3.8173	16	0.03	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0178	583.25	0.10000	577.60	35.060	3.8173	16	0.16	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	587.50	1.0000	577.60	35.060	3.8173	16	0.28	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	590.00	4.0000	577.60	35.060	3.8173	16	0.35	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2067	599.36	7.5270	577.60	35.060	3.8173	16	0.62	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	604.00	8.0000	577.60	35.060	3.8173	16	0.75	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	607.14	0.86000	577.60	35.060	3.8173	16	0.84	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	619.00	10.000	577.60	35.060	3.8173	16	1.18	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	644.50	3.0000	577.60	35.060	3.8173	16	1.91	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	529.00	26.000	577.60	35.060	3.8173	16	-1.39	4%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	379.50	15.000	482.03	124.77	18.133	3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	445.65	0.70000	482.03	124.77	18.133	3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	620.95	38.700	482.03	124.77	18.133	3			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	603.35	55.900			28.380	2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	672.94	0.86000			28.380	2			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	387.50	3.0000	551.79	30.545	12.020	26	-5.38	15%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	451.00	14.000	551.79	30.545	12.020	26	-3.30	9%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	487.60	0.00000	551.79	30.545	12.020	26	-2.10	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0425	490.25	17.900	551.79	30.545	12.020	26	-2.01	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	495.76	28.510	551.79	30.545	12.020	26	-1.83	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0610	521.00	6.0000	551.79	30.545	12.020	26	-1.01	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	534.40	4.5810	551.79	30.545	12.020	26	-0.57	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	537.02	3.8400	551.79	30.545	12.020	26	-0.48	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	537.50	1.0000	551.79	30.545	12.020	26	-0.47	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	544.50	3.0000	551.79	30.545	12.020	26	-0.24	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			
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0300	545.11	1.1090	551.79	30.545	12.020	26	-0.22	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	554.18	4.8800	551.79	30.545	12.020	26	0.08	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	556.00	20.000	551.79	30.545	12.020	26	0.14	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	559.90	17.000	551.79	30.545	12.020	26	0.27	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	560.00	10.000	551.79	30.545	12.020	26	0.27	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	561.60	0.40000	551.79	30.545	12.020	26	0.32	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2089	562.32	3.6700	551.79	30.545	12.020	26	0.34	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	563.70	5.6000	551.79	30.545	12.020	26	0.39	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	564.50	49.000	551.79	30.545	12.020	26	0.42	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	570.00	0.00000	551.79	30.545	12.020	26	0.60	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	572.90	2.4000	551.79	30.545	12.020	26	0.69	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	579.85	23.060	551.79	30.545	12.020	26	0.92	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	580.00	26.000	551.79	30.545	12.020	26	0.92	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	592.25	12.700	551.79	30.545	12.020	26	1.32	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	592.52	51.870	551.79	30.545	12.020	26	1.33	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	605.50	3.0000	551.79	30.545	12.020	26	1.76	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	630.60	81.000	551.79	30.545	12.020	26	2.58	7%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0026	0.04000	0.00000	502.37	72.870	14.465	18	-6.89	50%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	251.75	1.5000	502.37	72.870	14.465	18	-3.44	25%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	420.16	5.0000	502.37	72.870	14.465	18	-1.13	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	438.70	19.000	502.37	72.870	14.465	18	-0.87	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	445.15	32.300	502.37	72.870	14.465	18	-0.79	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	473.30	45.800	502.37	72.870	14.465	18	-0.40	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	486.81	12.620	502.37	72.870	14.465	18	-0.21	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	491.50	13.000	502.37	72.870	14.465	18	-0.15	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	507.00	48.000	502.37	72.870	14.465	18	0.06	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	513.50	3.0000	502.37	72.870	14.465	18	0.15	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	515.00	18.000	502.37	72.870	14.465	18	0.17	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	517.40	10.800	502.37	72.870	14.465	18	0.21	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	538.49	0.57000	502.37	72.870	14.465	18	0.50	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	548.00	2.0000	502.37	72.870	14.465	18	0.63	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	572.87	18.484	502.37	72.870	14.465	18	0.97	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	587.55	10.300	502.37	72.870	14.465	18	1.17	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	589.00	16.000	502.37	72.870	14.465	18	1.19	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	601.00	4.0000	502.37	72.870	14.465	18	1.35	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	399.50	203.00	502.37	72.870	14.465	18	-1.41	10%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	166.88	13.940	538.93	44.893	11.064	15	-8.29	35%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	390.50	9.0000	538.93	44.893	11.064	15	-3.31	14%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	462.00	2.0000	538.93	44.893	11.064	15	-1.71	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	474.00	8.0000	538.93	44.893	11.064	15	-1.45	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	521.50	7.0000	538.93	44.893	11.064	15	-0.39	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	522.50	5.0000	538.93	44.893	11.064	15	-0.37	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	
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	523.50	1.0000	538.93	44.893	11.064	15	-0.34	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0168	547.91	29.100	538.93	44.893	11.064	15	0.20	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2052	549.50	21.000	538.93	44.893	11.064	15	0.24	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	558.49	3.2100	538.93	44.893	11.064	15	0.44	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	564.50	1.0000	538.93	44.893	11.064	15	0.57	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	575.00	2.0000	538.93	44.893	11.064	15	0.80	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0508	578.89	43.510	538.93	44.893	11.064	15	0.89	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	593.00	6.0000	538.93	44.893	11.064	15	1.20	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	598.60	14.200	538.93	44.893	11.064	15	1.33	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0668	422.50	161.00	538.93	44.893	11.064	15	-2.59	11%	1
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	462.12	70.510	518.71	54.137	31.503	3			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	524.00	4.0000	518.71	54.137	31.503	3			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0096	570.00	20.000	518.71	54.137	31.503	3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0034	317.16	28.300			28.300	1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	524.50	13.000			15.000	2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	573.50	17.000			15.000	2			0
027.31	Magnesium, AAS, Dry ash (%)	0638	0.31450	0.00100	0.54106	0.03284	0.01273	21	-6.90	21%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.46500	0.03000	0.54106	0.03284	0.01273	21	-2.32	7%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.49800	0.00200	0.54106	0.03284	0.01273	21	-1.31	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.50000	0.00000	0.54106	0.03284	0.01273	21	-1.25	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.50465	0.01390	0.54106	0.03284	0.01273	21	-1.11	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.50630	0.00740	0.54106	0.03284	0.01273	21	-1.06	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.53000	0.02000	0.54106	0.03284	0.01273	21	-0.34	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.53000	0.00000	0.54106	0.03284	0.01273	21	-0.34	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.53500	0.01000	0.54106	0.03284	0.01273	21	-0.18	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.53950	0.00100	0.54106	0.03284	0.01273	21	-0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.54645	0.00070	0.54106	0.03284	0.01273	21	0.16	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.55000	0.01800	0.54106	0.03284	0.01273	21	0.27	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.55485	0.02550	0.54106	0.03284	0.01273	21	0.42	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.55700	0.00400	0.54106	0.03284	0.01273	21	0.49	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.55750	0.00500	0.54106	0.03284	0.01273	21	0.50	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.56500	0.01000	0.54106	0.03284	0.01273	21	0.73	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0178	0.56650	0.01300	0.54106	0.03284	0.01273	21	0.77	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.56845	0.01070	0.54106	0.03284	0.01273	21	0.83	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.57125	0.00710	0.54106	0.03284	0.01273	21	0.92	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.58200	0.04800	0.54106	0.03284	0.01273	21	1.25	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.64000	0.04000	0.54106	0.03284	0.01273	21	3.01	9%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.42350	0.00900	0.56683	0.01516	0.01060	5	-9.45	13%	0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.55245	0.00330	0.56683	0.01516	0.01060	5	-0.95	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.55500	0.01000	0.56683	0.01516	0.01060	5	-0.78	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.57985	0.02070	0.56683	0.01516	0.01060	5	0.86	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0612	0.58000	0.01000	0.56683	0.01516	0.01060	5	0.87	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			
027.33	Magnesium, AAS, Microwave (%)	0504	0.56755	0.01090			0.01045	2			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.66500	0.01000			0.01045	2			0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.51000	0.02000	0.55600	0.02073	0.01203	30	-2.22	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.51900	0.01000	0.55600	0.02073	0.01203	30	-1.78	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.53000	0.02000	0.55600	0.02073	0.01203	30	-1.25	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.53000	0.00000	0.55600	0.02073	0.01203	30	-1.25	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.53900	0.00000	0.55600	0.02073	0.01203	30	-0.82	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.54000	0.02000	0.55600	0.02073	0.01203	30	-0.77	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.54050	0.00100	0.55600	0.02073	0.01203	30	-0.75	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.54340	0.00220	0.55600	0.02073	0.01203	30	-0.61	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.54435	0.00550	0.55600	0.02073	0.01203	30	-0.56	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.54500	0.01000	0.55600	0.02073	0.01203	30	-0.53	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.54500	0.03000	0.55600	0.02073	0.01203	30	-0.53	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.55000	0.00000	0.55600	0.02073	0.01203	30	-0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.55050	0.00900	0.55600	0.02073	0.01203	30	-0.27	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.55085	0.00030	0.55600	0.02073	0.01203	30	-0.25	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.55500	0.03000	0.55600	0.02073	0.01203	30	-0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0300	0.55800	0.00200	0.55600	0.02073	0.01203	30	0.10	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.55950	0.00100	0.55600	0.02073	0.01203	30	0.17	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.56000	0.02000	0.55600	0.02073	0.01203	30	0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.56000	0.04000	0.55600	0.02073	0.01203	30	0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.56000	0.00000	0.55600	0.02073	0.01203	30	0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0848	0.56000	0.00000	0.55600	0.02073	0.01203	30	0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.56500	0.01000	0.55600	0.02073	0.01203	30	0.43	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.57000	0.00000	0.55600	0.02073	0.01203	30	0.68	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2089	0.57000	0.00000	0.55600	0.02073	0.01203	30	0.68	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0512	0.57075	0.02090	0.55600	0.02073	0.01203	30	0.71	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0425	0.58500	0.01000	0.55600	0.02073	0.01203	30	1.40	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.59350	0.03900	0.55600	0.02073	0.01203	30	1.81	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.60500	0.03000	0.55600	0.02073	0.01203	30	2.36	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.61000	0.02000	0.55600	0.02073	0.01203	30	2.60	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0610	0.63500	0.01000	0.55600	0.02073	0.01203	30	3.81	7%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.54500	0.07000	0.55600	0.02073	0.01203	30	-0.53	1%	1
027.42	Magnesium, ICP, Open vessel (%)	0042	0.46700	0.01000	0.55441	0.02792	0.01454	20	-3.13	8%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.48500	0.01000	0.55441	0.02792	0.01454	20	-2.49	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.52950	0.02920	0.55441	0.02792	0.01454	20	-0.89	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.53085	0.00510	0.55441	0.02792	0.01454	20	-0.84	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.53500	0.01000	0.55441	0.02792	0.01454	20	-0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.54000	0.01400	0.55441	0.02792	0.01454	20	-0.52	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.54500	0.05000	0.55441	0.02792	0.01454	20	-0.34	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.54500	0.03000	0.55441	0.02792	0.01454	20	-0.34	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.54800	0.01140	0.55441	0.02792	0.01454	20	-0.23	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.42	Magnesium, ICP, Open vessel (%)	0357	0.55000	0.00000	0.55441	0.02792	0.01454	20	-0.16	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.55100	0.01400	0.55441	0.02792	0.01454	20	-0.12	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.55500	0.05000	0.55441	0.02792	0.01454	20	0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.56000	0.00000	0.55441	0.02792	0.01454	20	0.20	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.56135	0.00410	0.55441	0.02792	0.01454	20	0.25	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.57705	0.00510	0.55441	0.02792	0.01454	20	0.81	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.58000	0.00000	0.55441	0.02792	0.01454	20	0.92	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.58665	0.02670	0.55441	0.02792	0.01454	20	1.15	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.59000	0.02000	0.55441	0.02792	0.01454	20	1.27	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.62500	0.00120	0.55441	0.02792	0.01454	20	2.53	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.64000	0.00000	0.55441	0.02792	0.01454	20	3.07	8%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.48700	0.00600	0.55942	0.03313	0.01704	20	-2.19	6%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.51000	0.02000	0.55942	0.03313	0.01704	20	-1.49	4%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.51450	0.00500	0.55942	0.03313	0.01704	20	-1.36	4%	0
027.43	Magnesium, ICP, Microwave (%)	0508	0.53675	0.00630	0.55942	0.03313	0.01704	20	-0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.54000	0.04000	0.55942	0.03313	0.01704	20	-0.59	2%	0
027.43	Magnesium, ICP, Microwave (%)	2058	0.54000	0.02000	0.55942	0.03313	0.01704	20	-0.59	2%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.54500	0.01000	0.55942	0.03313	0.01704	20	-0.44	1%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.54700	0.04600	0.55942	0.03313	0.01704	20	-0.37	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.54850	0.01100	0.55942	0.03313	0.01704	20	-0.33	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.54900	0.00000	0.55942	0.03313	0.01704	20	-0.31	1%	0
027.43	Magnesium, ICP, Microwave (%)	0036	0.56185	0.00150	0.55942	0.03313	0.01704	20	0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.56500	0.01000	0.55942	0.03313	0.01704	20	0.17	0%	0
027.43	Magnesium, ICP, Microwave (%)	0168	0.56975	0.04990	0.55942	0.03313	0.01704	20	0.31	1%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.57450	0.01100	0.55942	0.03313	0.01704	20	0.46	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.58300	0.00000	0.55942	0.03313	0.01704	20	0.71	2%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.59700	0.01600	0.55942	0.03313	0.01704	20	1.13	3%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.59900	0.00000	0.55942	0.03313	0.01704	20	1.19	4%	0
027.43	Magnesium, ICP, Microwave (%)	2052	0.60150	0.02300	0.55942	0.03313	0.01704	20	1.27	4%	0
027.43	Magnesium, ICP, Microwave (%)	0018	0.60450	0.06500	0.55942	0.03313	0.01704	20	1.36	4%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.61000	0.00000	0.55942	0.03313	0.01704	20	1.53	5%	0
027.44	Magnesium, ICP, Dry ash (%)	2023	0.53050	0.01700	0.54117	0.01130	0.02300	3			0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.54000	0.04400	0.54117	0.01130	0.02300	3			0
027.44	Magnesium, ICP, Dry ash (%)	0955	0.55300	0.00800	0.54117	0.01130	0.02300	3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.52000	0.01300			0.01650	2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0096	0.55000	0.02000			0.01650	2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0034	0.57525	0.04310			0.02455	2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.58400	0.00600			0.02455	2			0
027.99	Magnesium, Miscellaneous (%)	0242	0.53500	0.01000	0.57833	0.03786	0.01000	3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.59500	0.01000	0.57833	0.03786	0.01000	3			0
027.99	Magnesium, Miscellaneous (%)	0889	0.60500	0.01000	0.57833	0.03786	0.01000	3			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	432.50	1.0000	466.43	17.816	8.5885	17	-1.90	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			
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	433.50	9.0000	466.43	17.816	8.5885	17	-1.85	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	441.25	15.500	466.43	17.816	8.5885	17	-1.41	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0178	453.95	7.7000	466.43	17.816	8.5885	17	-0.70	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	456.21	0.33000	466.43	17.816	8.5885	17	-0.57	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	462.00	8.0000	466.43	17.816	8.5885	17	-0.25	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	462.06	1.5700	466.43	17.816	8.5885	17	-0.25	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	467.50	1.0000	466.43	17.816	8.5885	17	0.06	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	468.00	10.000	466.43	17.816	8.5885	17	0.09	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	470.00	0.00000	466.43	17.816	8.5885	17	0.20	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	470.05	17.500	466.43	17.816	8.5885	17	0.20	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2067	473.25	3.8670	466.43	17.816	8.5885	17	0.38	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	476.50	23.000	466.43	17.816	8.5885	17	0.57	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	480.82	1.5078	466.43	17.816	8.5885	17	0.81	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	482.58	10.030	466.43	17.816	8.5885	17	0.91	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	488.00	22.000	466.43	17.816	8.5885	17	1.21	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0014	505.00	14.000	466.43	17.816	8.5885	17	2.16	4%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	417.50	5.0000	469.68	33.399	17.398	5	-1.56	6%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	460.05	10.900	469.68	33.399	17.398	5	-0.29	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	475.86	25.090	469.68	33.399	17.398	5	0.18	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	492.00	28.000	469.68	33.399	17.398	5	0.67	2%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0612	503.00	18.000	469.68	33.399	17.398	5	1.00	4%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	465.75	2.8300			1.4150	2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	467.70	0.00000			1.4150	2			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	292.50	5.0000	449.89	24.528	9.2306	29	-6.42	17%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	330.50	21.000	449.89	24.528	9.2306	29	-4.87	13%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0848	384.15	0.01000	449.89	24.528	9.2306	29	-2.68	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	396.52	18.260	449.89	24.528	9.2306	29	-2.18	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0300	417.26	9.9820	449.89	24.528	9.2306	29	-1.33	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0610	427.00	10.000	449.89	24.528	9.2306	29	-0.93	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	430.82	17.860	449.89	24.528	9.2306	29	-0.78	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	435.00	4.0000	449.89	24.528	9.2306	29	-0.61	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	436.97	1.6850	449.89	24.528	9.2306	29	-0.53	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	437.50	11.000	449.89	24.528	9.2306	29	-0.51	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	442.35	36.300	449.89	24.528	9.2306	29	-0.31	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	443.50	15.000	449.89	24.528	9.2306	29	-0.26	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	444.00	12.000	449.89	24.528	9.2306	29	-0.24	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	445.19	9.3100	449.89	24.528	9.2306	29	-0.19	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	451.00	0.00000	449.89	24.528	9.2306	29	0.05	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	452.55	1.4500	449.89	24.528	9.2306	29	0.11	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	456.20	1.2000	449.89	24.528	9.2306	29	0.26	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	457.10	13.000	449.89	24.528	9.2306	29	0.29	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0512	458.40	22.000	449.89	24.528	9.2306	29	0.35	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			
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	459.00	2.0000	449.89	24.528	9.2306	29	0.37	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	461.50	3.0000	449.89	24.528	9.2306	29	0.47	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	465.00	0.00000	449.89	24.528	9.2306	29	0.62	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	465.50	1.0000	449.89	24.528	9.2306	29	0.64	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2089	473.83	15.530	449.89	24.528	9.2306	29	0.98	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0425	477.90	19.600	449.89	24.528	9.2306	29	1.14	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	483.15	8.1000	449.89	24.528	9.2306	29	1.36	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	488.40	6.4000	449.89	24.528	9.2306	29	1.57	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	493.00	2.0000	449.89	24.528	9.2306	29	1.76	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	501.50	1.0000	449.89	24.528	9.2306	29	2.10	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	481.88	42.790	449.89	24.528	9.2306	29	1.30	4%	1
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	0.04000	0.00000	446.55	32.223	7.2737	20	-13.86	50%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	367.30	18.400	446.55	32.223	7.2737	20	-2.46	9%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	384.47	3.8100	446.55	32.223	7.2737	20	-1.93	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	406.00	4.0000	446.55	32.223	7.2737	20	-1.26	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	428.50	15.000	446.55	32.223	7.2737	20	-0.56	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	429.60	7.0000	446.55	32.223	7.2737	20	-0.53	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	437.50	13.000	446.55	32.223	7.2737	20	-0.28	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	439.35	4.9000	446.55	32.223	7.2737	20	-0.22	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	442.00	2.0000	446.55	32.223	7.2737	20	-0.14	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	443.00	4.0000	446.55	32.223	7.2737	20	-0.11	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	446.00	12.000	446.55	32.223	7.2737	20	-0.02	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	454.80	1.6036	446.55	32.223	7.2737	20	0.26	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	461.95	0.29000	446.55	32.223	7.2737	20	0.48	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	463.00	6.0000	446.55	32.223	7.2737	20	0.51	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	463.10	8.6000	446.55	32.223	7.2737	20	0.51	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	463.50	37.000	446.55	32.223	7.2737	20	0.53	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	488.58	1.1500	446.55	32.223	7.2737	20	1.30	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	494.00	3.8000	446.55	32.223	7.2737	20	1.47	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	505.00	2.0000	446.55	32.223	7.2737	20	1.81	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	526.50	0.92000	446.55	32.223	7.2737	20	2.48	9%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	446.00	52.000	446.55	32.223	7.2737	20	-0.02	0%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	260.00	4.0000	455.88	23.959	11.736	19	-8.18	21%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	401.00	0.00000	455.88	23.959	11.736	19	-2.29	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2058	416.56	7.4600	455.88	23.959	11.736	19	-1.64	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	417.50	3.0000	455.88	23.959	11.736	19	-1.60	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	418.50	1.0000	455.88	23.959	11.736	19	-1.56	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0168	445.34	46.020	455.88	23.959	11.736	19	-0.44	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	447.00	6.0000	455.88	23.959	11.736	19	-0.37	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	450.50	33.000	455.88	23.959	11.736	19	-0.22	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	453.50	23.000	455.88	23.959	11.736	19	-0.10	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	458.87	1.6300	455.88	23.959	11.736	19	0.12	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	
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0668	459.00	10.000	455.88	23.959	11.736	19	0.13	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2052	461.00	2.0000	455.88	23.959	11.736	19	0.21	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0508	462.37	1.4900	455.88	23.959	11.736	19	0.27	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	467.00	46.000	455.88	23.959	11.736	19	0.46	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	468.58	8.5000	455.88	23.959	11.736	19	0.53	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	477.90	9.4000	455.88	23.959	11.736	19	0.92	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0028	490.00	4.0000	455.88	23.959	11.736	19	1.42	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	500.08	8.4800	455.88	23.959	11.736	19	1.84	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	651.00	8.0000	455.88	23.959	11.736	19	8.14	21%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	233.50	1.0000	389.83	135.50	19.000	3			0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	462.50	7.0000	389.83	135.50	19.000	3			0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0955	473.50	49.000	389.83	135.50	19.000	3			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	467.50	15.000			17.500	2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0096	470.00	20.000			17.500	2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0034	460.61	30.430			37.215	2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	486.00	44.000			37.215	2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	438.50	7.0000			3.5000	2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	477.00	0.00000			3.5000	2			0
031.00	Phosphorus, Vol (%)	0893	1.0850	0.01000			0.01000	2			0
031.00	Phosphorus, Vol (%)	0895	1.0950	0.01000			0.01000	2			0
031.01	Phosphorus, Photometric (%)	0609	0.94500	0.01000	1.1586	0.03631	0.01378	55	-5.88	9%	0
031.01	Phosphorus, Photometric (%)	0108	0.97500	0.03000	1.1586	0.03631	0.01378	55	-5.06	8%	0
031.01	Phosphorus, Photometric (%)	0921	1.0400	0.00000	1.1586	0.03631	0.01378	55	-3.27	5%	0
031.01	Phosphorus, Photometric (%)	0152	1.0500	0.02000	1.1586	0.03631	0.01378	55	-2.99	5%	0
031.01	Phosphorus, Photometric (%)	0529	1.0950	0.05000	1.1586	0.03631	0.01378	55	-1.75	3%	0
031.01	Phosphorus, Photometric (%)	0066	1.1000	0.04000	1.1586	0.03631	0.01378	55	-1.61	3%	0
031.01	Phosphorus, Photometric (%)	0646	1.1000	0.02000	1.1586	0.03631	0.01378	55	-1.61	3%	0
031.01	Phosphorus, Photometric (%)	0874	1.1015	0.00160	1.1586	0.03631	0.01378	55	-1.57	2%	0
031.01	Phosphorus, Photometric (%)	0620	1.1095	0.00700	1.1586	0.03631	0.01378	55	-1.35	2%	0
031.01	Phosphorus, Photometric (%)	0687	1.1200	0.04000	1.1586	0.03631	0.01378	55	-1.06	2%	0
031.01	Phosphorus, Photometric (%)	2086	1.1300	0.02000	1.1586	0.03631	0.01378	55	-0.79	1%	0
031.01	Phosphorus, Photometric (%)	0233	1.1400	0.00000	1.1586	0.03631	0.01378	55	-0.51	1%	0
031.01	Phosphorus, Photometric (%)	0903	1.1400	0.00000	1.1586	0.03631	0.01378	55	-0.51	1%	0
031.01	Phosphorus, Photometric (%)	2058	1.1400	0.06000	1.1586	0.03631	0.01378	55	-0.51	1%	0
031.01	Phosphorus, Photometric (%)	0728	1.1450	0.01000	1.1586	0.03631	0.01378	55	-0.37	1%	0
031.01	Phosphorus, Photometric (%)	0948	1.1450	0.01000	1.1586	0.03631	0.01378	55	-0.37	1%	0
031.01	Phosphorus, Photometric (%)	2011	1.1450	0.01000	1.1586	0.03631	0.01378	55	-0.37	1%	0
031.01	Phosphorus, Photometric (%)	2009	1.1455	0.00790	1.1586	0.03631	0.01378	55	-0.36	1%	0
031.01	Phosphorus, Photometric (%)	0651	1.1460	0.00200	1.1586	0.03631	0.01378	55	-0.35	1%	0
031.01	Phosphorus, Photometric (%)	0563	1.1474	0.00070	1.1586	0.03631	0.01378	55	-0.31	0%	0
031.01	Phosphorus, Photometric (%)	0629	1.1500	0.00000	1.1586	0.03631	0.01378	55	-0.24	0%	0
031.01	Phosphorus, Photometric (%)	0674	1.1500	0.00000	1.1586	0.03631	0.01378	55	-0.24	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			
031.01	Phosphorus, Photometric (%)	2093	1.1500	0.00000	1.1586	0.03631	0.01378	55	-0.24	0%	0
031.01	Phosphorus, Photometric (%)	2006	1.1535	0.00100	1.1586	0.03631	0.01378	55	-0.14	0%	0
031.01	Phosphorus, Photometric (%)	0035	1.1540	0.00600	1.1586	0.03631	0.01378	55	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	0175	1.1550	0.01000	1.1586	0.03631	0.01378	55	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	0038	1.1550	0.07000	1.1586	0.03631	0.01378	55	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	0263	1.1554	0.00430	1.1586	0.03631	0.01378	55	-0.09	0%	0
031.01	Phosphorus, Photometric (%)	0354	1.1600	0.00000	1.1586	0.03631	0.01378	55	0.04	0%	0
031.01	Phosphorus, Photometric (%)	0552	1.1600	0.02000	1.1586	0.03631	0.01378	55	0.04	0%	0
031.01	Phosphorus, Photometric (%)	0937	1.1600	0.00000	1.1586	0.03631	0.01378	55	0.04	0%	0
031.01	Phosphorus, Photometric (%)	0723	1.1626	0.00000	1.1586	0.03631	0.01378	55	0.11	0%	0
031.01	Phosphorus, Photometric (%)	0849	1.1680	0.00400	1.1586	0.03631	0.01378	55	0.26	0%	0
031.01	Phosphorus, Photometric (%)	0900	1.1700	0.02000	1.1586	0.03631	0.01378	55	0.31	0%	0
031.01	Phosphorus, Photometric (%)	0208	1.1715	0.00300	1.1586	0.03631	0.01378	55	0.36	1%	0
031.01	Phosphorus, Photometric (%)	0178	1.1750	0.00200	1.1586	0.03631	0.01378	55	0.45	1%	0
031.01	Phosphorus, Photometric (%)	0896	1.1750	0.01000	1.1586	0.03631	0.01378	55	0.45	1%	0
031.01	Phosphorus, Photometric (%)	2022	1.1750	0.01000	1.1586	0.03631	0.01378	55	0.45	1%	0
031.01	Phosphorus, Photometric (%)	0638	1.1775	0.01300	1.1586	0.03631	0.01378	55	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0142	1.1800	0.00000	1.1586	0.03631	0.01378	55	0.59	1%	0
031.01	Phosphorus, Photometric (%)	2018	1.1800	0.04000	1.1586	0.03631	0.01378	55	0.59	1%	0
031.01	Phosphorus, Photometric (%)	0626	1.1800	0.00600	1.1586	0.03631	0.01378	55	0.59	1%	0
031.01	Phosphorus, Photometric (%)	0016	1.1850	0.01000	1.1586	0.03631	0.01378	55	0.73	1%	0
031.01	Phosphorus, Photometric (%)	2100	1.1850	0.01000	1.1586	0.03631	0.01378	55	0.73	1%	0
031.01	Phosphorus, Photometric (%)	0689	1.1900	0.02000	1.1586	0.03631	0.01378	55	0.86	1%	0
031.01	Phosphorus, Photometric (%)	2067	1.2015	0.00500	1.1586	0.03631	0.01378	55	1.18	2%	0
031.01	Phosphorus, Photometric (%)	0511	1.2050	0.03000	1.1586	0.03631	0.01378	55	1.28	2%	0
031.01	Phosphorus, Photometric (%)	0868	1.2050	0.01000	1.1586	0.03631	0.01378	55	1.28	2%	0
031.01	Phosphorus, Photometric (%)	2068	1.2100	0.00000	1.1586	0.03631	0.01378	55	1.42	2%	0
031.01	Phosphorus, Photometric (%)	0939	1.2150	0.03000	1.1586	0.03631	0.01378	55	1.55	2%	0
031.01	Phosphorus, Photometric (%)	0897	1.2350	0.01000	1.1586	0.03631	0.01378	55	2.10	3%	0
031.01	Phosphorus, Photometric (%)	0650	1.2400	0.02000	1.1586	0.03631	0.01378	55	2.24	4%	0
031.01	Phosphorus, Photometric (%)	2097	1.2647	0.01460	1.1586	0.03631	0.01378	55	2.92	5%	0
031.01	Phosphorus, Photometric (%)	0194	1.2650	0.01000	1.1586	0.03631	0.01378	55	2.93	5%	0
031.01	Phosphorus, Photometric (%)	2091	1.2650	0.03000	1.1586	0.03631	0.01378	55	2.93	5%	0
031.01	Phosphorus, Photometric (%)	0623	1.0410	0.07800	1.1586	0.03631	0.01378	55	-3.24	5%	1
031.01	Phosphorus, Photometric (%)	0940	1.2700	0.10000	1.1586	0.03631	0.01378	55	3.07	5%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	1.1614	0.00490			0.00745	2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	1.1750	0.01000			0.00745	2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	1.1540	0.00600	1.1797	0.02940	0.01570	4	-0.87	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	1.1550	0.03000	1.1797	0.02940	0.01570	4	-0.84	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	1.1998	0.00680	1.1797	0.02940	0.01570	4	0.68	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	1.2100	0.02000	1.1797	0.02940	0.01570	4	1.03	1%	0
031.06	Phosphorus, Hach Method (%)	0138	1.1365	0.04700			0.04700	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	
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.0050	0.07000	1.1589	0.05794	0.01661	33	-2.66	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	1.0500	0.02000	1.1589	0.05794	0.01661	33	-1.88	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.0650	0.03000	1.1589	0.05794	0.01661	33	-1.62	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	1.0800	0.00000	1.1589	0.05794	0.01661	33	-1.36	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	1.1100	0.00000	1.1589	0.05794	0.01661	33	-0.84	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	1.1150	0.07000	1.1589	0.05794	0.01661	33	-0.76	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	1.1150	0.05000	1.1589	0.05794	0.01661	33	-0.76	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	1.1200	0.00000	1.1589	0.05794	0.01661	33	-0.67	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.1200	0.00000	1.1589	0.05794	0.01661	33	-0.67	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.1215	0.00700	1.1589	0.05794	0.01661	33	-0.64	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	1.1300	0.00000	1.1589	0.05794	0.01661	33	-0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	1.1375	0.01100	1.1589	0.05794	0.01661	33	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	1.1450	0.01000	1.1589	0.05794	0.01661	33	-0.24	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.1450	0.01000	1.1589	0.05794	0.01661	33	-0.24	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	1.1550	0.01000	1.1589	0.05794	0.01661	33	-0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	1.1600	0.00000	1.1589	0.05794	0.01661	33	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.1600	0.02000	1.1589	0.05794	0.01661	33	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	1.1600	0.02000	1.1589	0.05794	0.01661	33	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.1685	0.00330	1.1589	0.05794	0.01661	33	0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0610	1.1700	0.00000	1.1589	0.05794	0.01661	33	0.19	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2089	1.1700	0.00000	1.1589	0.05794	0.01661	33	0.19	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	1.1705	0.01480	1.1589	0.05794	0.01661	33	0.20	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0425	1.1750	0.01000	1.1589	0.05794	0.01661	33	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	1.1900	0.02000	1.1589	0.05794	0.01661	33	0.54	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.1900	0.02000	1.1589	0.05794	0.01661	33	0.54	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.2100	0.00000	1.1589	0.05794	0.01661	33	0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	1.2100	0.02000	1.1589	0.05794	0.01661	33	0.88	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	1.2105	0.02700	1.1589	0.05794	0.01661	33	0.89	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.2160	0.05200	1.1589	0.05794	0.01661	33	0.99	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	1.2350	0.01000	1.1589	0.05794	0.01661	33	1.31	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.2725	0.01300	1.1589	0.05794	0.01661	33	1.96	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.4950	0.01000	1.1589	0.05794	0.01661	33	5.80	15%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.5200	0.02000	1.1589	0.05794	0.01661	33	6.23	16%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	1.3375	0.33700	1.1589	0.05794	0.01661	33	3.08	8%	1
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.92500	0.01000	1.1470	0.08666	0.03461	22	-2.56	10%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.98850	0.02100	1.1470	0.08666	0.03461	22	-1.83	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	1.0050	0.11000	1.1470	0.08666	0.03461	22	-1.64	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.0420	0.02200	1.1470	0.08666	0.03461	22	-1.21	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	1.0900	0.00000	1.1470	0.08666	0.03461	22	-0.66	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	1.0955	0.01100	1.1470	0.08666	0.03461	22	-0.59	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.1000	0.04000	1.1470	0.08666	0.03461	22	-0.54	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	1.1000	0.04000	1.1470	0.08666	0.03461	22	-0.54	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.42	Phosphorus, ICP, Open vessel (%)	0187	1.1250	0.01000	1.1470	0.08666	0.03461	22	-0.25	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	1.1447	0.03670	1.1470	0.08666	0.03461	22	-0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	1.1500	0.02000	1.1470	0.08666	0.03461	22	0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.1550	0.01000	1.1470	0.08666	0.03461	22	0.09	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	1.1656	0.02780	1.1470	0.08666	0.03461	22	0.21	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	1.1850	0.19000	1.1470	0.08666	0.03461	22	0.44	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.1900	0.02000	1.1470	0.08666	0.03461	22	0.50	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	1.2050	0.03000	1.1470	0.08666	0.03461	22	0.67	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.2100	0.02000	1.1470	0.08666	0.03461	22	0.73	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.2200	0.02000	1.1470	0.08666	0.03461	22	0.84	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	1.2300	0.03400	1.1470	0.08666	0.03461	22	0.96	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.2350	0.03000	1.1470	0.08666	0.03461	22	1.02	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	1.2385	0.00900	1.1470	0.08666	0.03461	22	1.06	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	1.3150	0.05000	1.1470	0.08666	0.03461	22	1.94	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.1075	0.21500	1.1470	0.08666	0.03461	22	-0.46	2%	1
031.43	Phosphorus, ICP, Microwave (%)	0510	1.0650	0.01000	1.1660	0.03437	0.02772	19	-2.94	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.0945	0.00900	1.1660	0.03437	0.02772	19	-2.08	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0508	1.1094	0.05470	1.1660	0.03437	0.02772	19	-1.65	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.1210	0.01200	1.1660	0.03437	0.02772	19	-1.31	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.1300	0.02000	1.1660	0.03437	0.02772	19	-1.05	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	1.1500	0.00000	1.1660	0.03437	0.02772	19	-0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	1.1600	0.06000	1.1660	0.03437	0.02772	19	-0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	1.1630	0.02400	1.1660	0.03437	0.02772	19	-0.09	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	1.1650	0.05000	1.1660	0.03437	0.02772	19	-0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	1.1650	0.01000	1.1660	0.03437	0.02772	19	-0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	1.1797	0.09850	1.1660	0.03437	0.02772	19	0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	1.1800	0.02000	1.1660	0.03437	0.02772	19	0.41	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.1800	0.02000	1.1660	0.03437	0.02772	19	0.41	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	1.1800	0.00000	1.1660	0.03437	0.02772	19	0.41	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.1839	0.00950	1.1660	0.03437	0.02772	19	0.52	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	1.2040	0.02600	1.1660	0.03437	0.02772	19	1.11	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	1.2350	0.07000	1.1660	0.03437	0.02772	19	2.01	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.3375	0.02300	1.1660	0.03437	0.02772	19	4.99	7%	0
031.43	Phosphorus, ICP, Microwave (%)	2052	1.4350	0.01000	1.1660	0.03437	0.02772	19	7.83	12%	0
031.43	Phosphorus, ICP, Microwave (%)	2058	1.1650	0.19000	1.1660	0.03437	0.02772	19	-0.03	0%	1
031.44	Phosphorus, ICP, Dry ash (%)	2023	0.98000	0.02000	1.0867	0.09452	0.02000	3			0
031.44	Phosphorus, ICP, Dry ash (%)	0955	1.1200	0.02000	1.0867	0.09452	0.02000	3			0
031.44	Phosphorus, ICP, Dry ash (%)	2004	1.1600	0.02000	1.0867	0.09452	0.02000	3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0034	1.1745	0.01990			0.01995	2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.3000	0.02000			0.01995	2			0
031.99	Phosphorus, Miscellaneous (%)	0852	0.59000	0.02000	1.1158	0.19386	0.06333	6	-2.71	24%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.95500	0.11000	1.1158	0.19386	0.06333	6	-0.83	7%	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	
031.99	Phosphorus, Miscellaneous (%)	0100	1.1350	0.03000	1.1158	0.19386	0.06333	6	0.10	1%	0
031.99	Phosphorus, Miscellaneous (%)	0242	1.1500	0.02000	1.1158	0.19386	0.06333	6	0.18	2%	0
031.99	Phosphorus, Miscellaneous (%)	0590	1.1700	0.02000	1.1158	0.19386	0.06333	6	0.28	2%	0
031.99	Phosphorus, Miscellaneous (%)	0676	11.060	0.18000	1.1158	0.19386	0.06333	6	51.29	446%	0
032.02	Potassium, Flame Emission (%)	0590	1.3350	0.05000			0.03500	2			0
032.02	Potassium, Flame Emission (%)	0504	1.3400	0.02000			0.03500	2			0
032.31	Potassium, AAS, Dry ash (%)	0689	1.1250	0.01000	1.3115	0.05791	0.02141	22	-3.22	7%	0
032.31	Potassium, AAS, Dry ash (%)	0638	1.1300	0.04000	1.3115	0.05791	0.02141	22	-3.13	7%	0
032.31	Potassium, AAS, Dry ash (%)	0505	1.2050	0.01000	1.3115	0.05791	0.02141	22	-1.84	4%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.2350	0.03000	1.3115	0.05791	0.02141	22	-1.32	3%	0
032.31	Potassium, AAS, Dry ash (%)	2022	1.2700	0.00000	1.3115	0.05791	0.02141	22	-0.72	2%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.2750	0.01000	1.3115	0.05791	0.02141	22	-0.63	1%	0
032.31	Potassium, AAS, Dry ash (%)	2018	1.2850	0.05000	1.3115	0.05791	0.02141	22	-0.46	1%	0
032.31	Potassium, AAS, Dry ash (%)	0014	1.2900	0.04000	1.3115	0.05791	0.02141	22	-0.37	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.3007	0.02260	1.3115	0.05791	0.02141	22	-0.19	0%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.3100	0.00000	1.3115	0.05791	0.02141	22	-0.03	0%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.3150	0.01000	1.3115	0.05791	0.02141	22	0.06	0%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.3150	0.07000	1.3115	0.05791	0.02141	22	0.06	0%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.3200	0.00000	1.3115	0.05791	0.02141	22	0.15	0%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.3200	0.02000	1.3115	0.05791	0.02141	22	0.15	0%	0
032.31	Potassium, AAS, Dry ash (%)	0178	1.3210	0.01800	1.3115	0.05791	0.02141	22	0.16	0%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.3300	0.04000	1.3115	0.05791	0.02141	22	0.32	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.3350	0.01000	1.3115	0.05791	0.02141	22	0.41	1%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.3550	0.05000	1.3115	0.05791	0.02141	22	0.75	2%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.3850	0.01000	1.3115	0.05791	0.02141	22	1.27	3%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.4476	0.00040	1.3115	0.05791	0.02141	22	2.35	5%	0
032.31	Potassium, AAS, Dry ash (%)	0066	1.4550	0.03000	1.3115	0.05791	0.02141	22	2.48	5%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.4900	0.00000	1.3115	0.05791	0.02141	22	3.08	7%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.96200	0.00400	1.2738	0.18613	0.00792	5	-1.67	12%	0
032.32	Potassium, AAS, Open vessel (%)	0609	1.2500	0.02000	1.2738	0.18613	0.00792	5	-0.13	1%	0
032.32	Potassium, AAS, Open vessel (%)	0035	1.3570	0.00200	1.2738	0.18613	0.00792	5	0.45	3%	0
032.32	Potassium, AAS, Open vessel (%)	0263	1.3678	0.00160	1.2738	0.18613	0.00792	5	0.51	4%	0
032.32	Potassium, AAS, Open vessel (%)	0612	1.4320	0.01200	1.2738	0.18613	0.00792	5	0.85	6%	0
032.41	Potassium, ICP, Dry ash (%)	0682	1.2000	0.00000	1.3231	0.07243	0.02511	31	-1.70	5%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.2100	0.00000	1.3231	0.07243	0.02511	31	-1.56	4%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.2150	0.07000	1.3231	0.07243	0.02511	31	-1.49	4%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.2300	0.04000	1.3231	0.07243	0.02511	31	-1.29	4%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.2400	0.02000	1.3231	0.07243	0.02511	31	-1.15	3%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.2534	0.00380	1.3231	0.07243	0.02511	31	-0.96	3%	0
032.41	Potassium, ICP, Dry ash (%)	0720	1.2700	0.02000	1.3231	0.07243	0.02511	31	-0.73	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.2725	0.01500	1.3231	0.07243	0.02511	31	-0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.2800	0.08000	1.3231	0.07243	0.02511	31	-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	
032.41	Potassium, ICP, Dry ash (%)	0083	1.2900	0.00000	1.3231	0.07243	0.02511	31	-0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0848	1.2900	0.00000	1.3231	0.07243	0.02511	31	-0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.2910	0.00200	1.3231	0.07243	0.02511	31	-0.44	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.2950	0.05000	1.3231	0.07243	0.02511	31	-0.39	1%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.3150	0.01000	1.3231	0.07243	0.02511	31	-0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.3200	0.00000	1.3231	0.07243	0.02511	31	-0.04	0%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.3250	0.03000	1.3231	0.07243	0.02511	31	0.03	0%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.3375	0.00100	1.3231	0.07243	0.02511	31	0.20	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.3400	0.08000	1.3231	0.07243	0.02511	31	0.23	1%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.3400	0.04000	1.3231	0.07243	0.02511	31	0.23	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.3450	0.05000	1.3231	0.07243	0.02511	31	0.30	1%	0
032.41	Potassium, ICP, Dry ash (%)	0425	1.3500	0.00000	1.3231	0.07243	0.02511	31	0.37	1%	0
032.41	Potassium, ICP, Dry ash (%)	0512	1.3515	0.10100	1.3231	0.07243	0.02511	31	0.39	1%	0
032.41	Potassium, ICP, Dry ash (%)	2089	1.3650	0.01000	1.3231	0.07243	0.02511	31	0.58	2%	0
032.41	Potassium, ICP, Dry ash (%)	0300	1.3670	0.03000	1.3231	0.07243	0.02511	31	0.61	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.3833	0.01470	1.3231	0.07243	0.02511	31	0.83	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.3945	0.01100	1.3231	0.07243	0.02511	31	0.99	3%	0
032.41	Potassium, ICP, Dry ash (%)	0004	1.4000	0.04000	1.3231	0.07243	0.02511	31	1.06	3%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.4200	0.00000	1.3231	0.07243	0.02511	31	1.34	4%	0
032.41	Potassium, ICP, Dry ash (%)	0610	1.4550	0.03000	1.3231	0.07243	0.02511	31	1.82	5%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.5450	0.01000	1.3231	0.07243	0.02511	31	3.06	8%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.5700	0.02000	1.3231	0.07243	0.02511	31	3.41	9%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.4500	0.24000	1.3231	0.07243	0.02511	31	1.75	5%	1
032.42	Potassium, ICP, Open vessel (%)	0294	1.1550	0.01000	1.3375	0.05892	0.02791	21	-3.10	7%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.2250	0.01000	1.3375	0.05892	0.02791	21	-1.91	4%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.2700	0.04000	1.3375	0.05892	0.02791	21	-1.15	3%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.2770	0.03200	1.3375	0.05892	0.02791	21	-1.03	2%	0
032.42	Potassium, ICP, Open vessel (%)	0026	1.2850	0.01000	1.3375	0.05892	0.02791	21	-0.89	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.2935	0.03700	1.3375	0.05892	0.02791	21	-0.75	2%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.3116	0.01420	1.3375	0.05892	0.02791	21	-0.44	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.3150	0.03000	1.3375	0.05892	0.02791	21	-0.38	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.3250	0.01000	1.3375	0.05892	0.02791	21	-0.21	0%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.3365	0.01300	1.3375	0.05892	0.02791	21	-0.02	0%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.3400	0.00000	1.3375	0.05892	0.02791	21	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.3450	0.03000	1.3375	0.05892	0.02791	21	0.13	0%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.3450	0.03000	1.3375	0.05892	0.02791	21	0.13	0%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.3515	0.02300	1.3375	0.05892	0.02791	21	0.24	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.3600	0.00000	1.3375	0.05892	0.02791	21	0.38	1%	0
032.42	Potassium, ICP, Open vessel (%)	0555	1.3655	0.06500	1.3375	0.05892	0.02791	21	0.47	1%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.3750	0.03000	1.3375	0.05892	0.02791	21	0.64	1%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.4150	0.03000	1.3375	0.05892	0.02791	21	1.31	3%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.4470	0.03200	1.3375	0.05892	0.02791	21	1.86	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			
032.42	Potassium, ICP, Open vessel (%)	0190	1.4800	0.02000	1.3375	0.05892	0.02791	21	2.42	5%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.5400	0.12000	1.3375	0.05892	0.02791	21	3.44	8%	0
032.42	Potassium, ICP, Open vessel (%)	0613	1.2550	0.13000	1.3375	0.05892	0.02791	21	-1.40	3%	1
032.43	Potassium, ICP, Microwave (%)	2058	1.1700	0.08000	1.3213	0.04803	0.02641	21	-3.15	6%	0
032.43	Potassium, ICP, Microwave (%)	0168	1.2448	0.09760	1.3213	0.04803	0.02641	21	-1.59	3%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.2715	0.01100	1.3213	0.04803	0.02641	21	-1.04	2%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.2850	0.05000	1.3213	0.04803	0.02641	21	-0.76	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.2850	0.03000	1.3213	0.04803	0.02641	21	-0.76	1%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.2900	0.00000	1.3213	0.04803	0.02641	21	-0.65	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.2950	0.03000	1.3213	0.04803	0.02641	21	-0.55	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.3000	0.02000	1.3213	0.04803	0.02641	21	-0.44	1%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.3050	0.01000	1.3213	0.04803	0.02641	21	-0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.3150	0.01000	1.3213	0.04803	0.02641	21	-0.13	0%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.3150	0.03000	1.3213	0.04803	0.02641	21	-0.13	0%	0
032.43	Potassium, ICP, Microwave (%)	0508	1.3198	0.01500	1.3213	0.04803	0.02641	21	-0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.3400	0.02000	1.3213	0.04803	0.02641	21	0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.3450	0.05000	1.3213	0.04803	0.02641	21	0.49	1%	0
032.43	Potassium, ICP, Microwave (%)	0668	1.3500	0.04000	1.3213	0.04803	0.02641	21	0.60	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.3555	0.00300	1.3213	0.04803	0.02641	21	0.71	1%	0
032.43	Potassium, ICP, Microwave (%)	0006	1.3590	0.00200	1.3213	0.04803	0.02641	21	0.79	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.3725	0.01100	1.3213	0.04803	0.02641	21	1.07	2%	0
032.43	Potassium, ICP, Microwave (%)	0028	1.4050	0.01000	1.3213	0.04803	0.02641	21	1.74	3%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.4125	0.01500	1.3213	0.04803	0.02641	21	1.90	3%	0
032.43	Potassium, ICP, Microwave (%)	2052	1.4300	0.02000	1.3213	0.04803	0.02641	21	2.26	4%	0
032.44	Potassium, ICP, Dry ash (%)	2023	1.2100	0.04000	1.2700	0.05568	0.02667	3			0
032.44	Potassium, ICP, Dry ash (%)	0955	1.2800	0.00000	1.2700	0.05568	0.02667	3			0
032.44	Potassium, ICP, Dry ash (%)	2004	1.3200	0.04000	1.2700	0.05568	0.02667	3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.3456	0.22070			0.22070	1			0
032.53	Potassium, ICP-MS, Microwave (%)	0034	1.3759	0.02150			0.04575	2			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.4850	0.07000			0.04575	2			0
032.99	Potassium, Miscellaneous (%)	0889	0.93500	0.03000	1.3213	0.02511	0.01550	4	-15.39	15%	0
032.99	Potassium, Miscellaneous (%)	0100	1.3000	0.02000	1.3213	0.02511	0.01550	4	-0.85	1%	0
032.99	Potassium, Miscellaneous (%)	0242	1.3150	0.01000	1.3213	0.02511	0.01550	4	-0.25	0%	0
032.99	Potassium, Miscellaneous (%)	0001	1.3490	0.00200	1.3213	0.02511	0.01550	4	1.10	1%	0
033.00	Salt as chloride, Sol Cl (%)	2006	2.5450	0.05000	2.7615	0.07059	0.02260	23	-3.07	4%	0
033.00	Salt as chloride, Sol Cl (%)	0895	2.6250	0.01000	2.7615	0.07059	0.02260	23	-1.93	2%	0
033.00	Salt as chloride, Sol Cl (%)	0903	2.6550	0.01000	2.7615	0.07059	0.02260	23	-1.51	2%	0
033.00	Salt as chloride, Sol Cl (%)	2068	2.6900	0.00000	2.7615	0.07059	0.02260	23	-1.01	1%	0
033.00	Salt as chloride, Sol Cl (%)	0675	2.7100	0.02000	2.7615	0.07059	0.02260	23	-0.73	1%	0
033.00	Salt as chloride, Sol Cl (%)	0298	2.7300	0.02000	2.7615	0.07059	0.02260	23	-0.45	1%	0
033.00	Salt as chloride, Sol Cl (%)	0900	2.7300	0.02000	2.7615	0.07059	0.02260	23	-0.45	1%	0
033.00	Salt as chloride, Sol Cl (%)	2093	2.7400	0.02000	2.7615	0.07059	0.02260	23	-0.30	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.00	Salt as chloride, Sol Cl (%)	0893	2.7450	0.01000	2.7615	0.07059	0.02260	23	-0.23	0%	0
033.00	Salt as chloride, Sol Cl (%)	0693	2.7507	0.12010	2.7615	0.07059	0.02260	23	-0.15	0%	0
033.00	Salt as chloride, Sol Cl (%)	0921	2.7550	0.03000	2.7615	0.07059	0.02260	23	-0.09	0%	0
033.00	Salt as chloride, Sol Cl (%)	2091	2.7550	0.01000	2.7615	0.07059	0.02260	23	-0.09	0%	0
033.00	Salt as chloride, Sol Cl (%)	0896	2.7600	0.04000	2.7615	0.07059	0.02260	23	-0.02	0%	0
033.00	Salt as chloride, Sol Cl (%)	0353	2.7750	0.03000	2.7615	0.07059	0.02260	23	0.19	0%	0
033.00	Salt as chloride, Sol Cl (%)	2086	2.7800	0.00000	2.7615	0.07059	0.02260	23	0.26	0%	0
033.00	Salt as chloride, Sol Cl (%)	2022	2.7900	0.00200	2.7615	0.07059	0.02260	23	0.40	1%	0
033.00	Salt as chloride, Sol Cl (%)	0539	2.8000	0.00000	2.7615	0.07059	0.02260	23	0.55	1%	0
033.00	Salt as chloride, Sol Cl (%)	2067	2.8070	0.02400	2.7615	0.07059	0.02260	23	0.64	1%	0
033.00	Salt as chloride, Sol Cl (%)	0511	2.8350	0.05000	2.7615	0.07059	0.02260	23	1.04	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	2.8399	0.01360	2.7615	0.07059	0.02260	23	1.11	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	2.8450	0.01000	2.7615	0.07059	0.02260	23	1.18	2%	0
033.00	Salt as chloride, Sol Cl (%)	0897	2.8900	0.02000	2.7615	0.07059	0.02260	23	1.82	2%	0
033.00	Salt as chloride, Sol Cl (%)	2058	2.9250	0.01000	2.7615	0.07059	0.02260	23	2.32	3%	0
033.00	Salt as chloride, Sol Cl (%)	0366	2.9050	0.23000	2.7615	0.07059	0.02260	23	2.03	3%	1
033.00	Salt as chloride, Sol Cl (%)	0169	1.6950	0.01000	2.7615	0.07059	0.02260	23	-15.11	19%	2
033.01	Salt as chloride, Poten Cl (%)	0650	1.7500	0.00000	2.8832	0.06286	0.03452	34	-18.03	20%	0
033.01	Salt as chloride, Poten Cl (%)	2006	2.5625	0.07100	2.8832	0.06286	0.03452	34	-5.10	6%	0
033.01	Salt as chloride, Poten Cl (%)	0425	2.7300	0.00000	2.8832	0.06286	0.03452	34	-2.44	3%	0
033.01	Salt as chloride, Poten Cl (%)	0011	2.7469	0.07720	2.8832	0.06286	0.03452	34	-2.17	2%	0
033.01	Salt as chloride, Poten Cl (%)	0868	2.7850	0.01000	2.8832	0.06286	0.03452	34	-1.56	2%	0
033.01	Salt as chloride, Poten Cl (%)	0004	2.8250	0.03000	2.8832	0.06286	0.03452	34	-0.93	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	2.8300	0.02000	2.8832	0.06286	0.03452	34	-0.85	1%	0
033.01	Salt as chloride, Poten Cl (%)	0194	2.8350	0.01000	2.8832	0.06286	0.03452	34	-0.77	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	2.8425	0.01900	2.8832	0.06286	0.03452	34	-0.65	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	2.8500	0.00000	2.8832	0.06286	0.03452	34	-0.53	1%	0
033.01	Salt as chloride, Poten Cl (%)	0229	2.8500	0.00000	2.8832	0.06286	0.03452	34	-0.53	1%	0
033.01	Salt as chloride, Poten Cl (%)	0937	2.8500	0.00000	2.8832	0.06286	0.03452	34	-0.53	1%	0
033.01	Salt as chloride, Poten Cl (%)	0178	2.8580	0.00800	2.8832	0.06286	0.03452	34	-0.40	0%	0
033.01	Salt as chloride, Poten Cl (%)	0861	2.8700	0.26000	2.8832	0.06286	0.03452	34	-0.21	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	2.8700	0.00000	2.8832	0.06286	0.03452	34	-0.21	0%	0
033.01	Salt as chloride, Poten Cl (%)	2023	2.8800	0.00000	2.8832	0.06286	0.03452	34	-0.05	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	2.8850	0.01000	2.8832	0.06286	0.03452	34	0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	2.8850	0.01000	2.8832	0.06286	0.03452	34	0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	2.8850	0.01000	2.8832	0.06286	0.03452	34	0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	2.8850	0.01000	2.8832	0.06286	0.03452	34	0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	2.8950	0.03000	2.8832	0.06286	0.03452	34	0.19	0%	0
033.01	Salt as chloride, Poten Cl (%)	0205	2.9000	0.00000	2.8832	0.06286	0.03452	34	0.27	0%	0
033.01	Salt as chloride, Poten Cl (%)	0019	2.9050	0.13000	2.8832	0.06286	0.03452	34	0.35	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	2.9050	0.03000	2.8832	0.06286	0.03452	34	0.35	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	2.9100	0.02000	2.8832	0.06286	0.03452	34	0.43	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	
033.01	Salt as chloride, Poten Cl (%)	0226	2.9150	0.05000	2.8832	0.06286	0.03452	34	0.51	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	2.9250	0.05000	2.8832	0.06286	0.03452	34	0.66	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	2.9550	0.05000	2.8832	0.06286	0.03452	34	1.14	1%	0
033.01	Salt as chloride, Poten Cl (%)	2100	2.9850	0.07000	2.8832	0.06286	0.03452	34	1.62	2%	0
033.01	Salt as chloride, Poten Cl (%)	0682	3.0000	0.00000	2.8832	0.06286	0.03452	34	1.86	2%	0
033.01	Salt as chloride, Poten Cl (%)	0278	3.0250	0.01000	2.8832	0.06286	0.03452	34	2.26	2%	0
033.01	Salt as chloride, Poten Cl (%)	0510	3.2000	0.10000	2.8832	0.06286	0.03452	34	5.04	5%	0
033.01	Salt as chloride, Poten Cl (%)	0874	3.2004	0.02840	2.8832	0.06286	0.03452	34	5.05	6%	0
033.01	Salt as chloride, Poten Cl (%)	2011	3.7000	0.06000	2.8832	0.06286	0.03452	34	12.99	14%	0
033.01	Salt as chloride, Poten Cl (%)	0413	2.9950	0.41000	2.8832	0.06286	0.03452	34	1.78	2%	1
033.03	Salt as chloride, Quantab (%)	0265	2.6300	0.00000	2.8670	0.19354	0.09667	6	-1.22	4%	0
033.03	Salt as chloride, Quantab (%)	0726	2.7800	0.00000	2.8670	0.19354	0.09667	6	-0.45	2%	0
033.03	Salt as chloride, Quantab (%)	0144	2.8100	0.00000	2.8670	0.19354	0.09667	6	-0.29	1%	0
033.03	Salt as chloride, Quantab (%)	0505	2.8600	0.04000	2.8670	0.19354	0.09667	6	-0.04	0%	0
033.03	Salt as chloride, Quantab (%)	0529	3.0200	0.24000	2.8670	0.19354	0.09667	6	0.79	3%	0
033.03	Salt as chloride, Quantab (%)	0190	3.6300	0.30000	2.8670	0.19354	0.09667	6	3.94	13%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	2.7700	0.10000	2.9417	0.25121	0.05667	3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	2.8250	0.05000	2.9417	0.25121	0.05667	3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0955	3.2300	0.02000	2.9417	0.25121	0.05667	3			0
033.99	Salt, Miscellaneous (%)	0013	1.3250	0.01000	2.6288	0.28321	0.05622	9	-4.60	25%	0
033.99	Salt, Miscellaneous (%)	0358	2.4000	0.10000	2.6288	0.28321	0.05622	9	-0.81	4%	0
033.99	Salt, Miscellaneous (%)	0027	2.4350	0.05600	2.6288	0.28321	0.05622	9	-0.68	4%	0
033.99	Salt, Miscellaneous (%)	0681	2.6100	0.00000	2.6288	0.28321	0.05622	9	-0.07	0%	0
033.99	Salt, Miscellaneous (%)	0613	2.6350	0.03000	2.6288	0.28321	0.05622	9	0.02	0%	0
033.99	Salt, Miscellaneous (%)	0910	2.6750	0.03000	2.6288	0.28321	0.05622	9	0.16	1%	0
033.99	Salt, Miscellaneous (%)	0552	2.8700	0.06000	2.6288	0.28321	0.05622	9	0.85	5%	0
033.99	Salt, Miscellaneous (%)	2073	2.8700	0.16000	2.6288	0.28321	0.05622	9	0.85	5%	0
033.99	Salt, Miscellaneous (%)	0208	2.9600	0.06000	2.6288	0.28321	0.05622	9	1.17	6%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0638	2.2550	0.09000			0.05500	2			0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	2.7900	0.02000			0.05500	2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	2.4200	0.04000	2.6580	0.21441	0.02400	5	-1.11	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	2.5050	0.03000	2.6580	0.21441	0.02400	5	-0.71	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	2.6450	0.03000	2.6580	0.21441	0.02400	5	-0.06	0%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	2.7550	0.01000	2.6580	0.21441	0.02400	5	0.45	2%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	2.9650	0.01000	2.6580	0.21441	0.02400	5	1.43	6%	0
034.31	Selenium, AAS, Dry ash (mg / kg (ppm))	0939	2.6450	0.47000			0.47000	1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	2.4300	0.02000			0.02000	1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	2.6100	0.30000	2.7725	0.11471	0.34200	5	-1.42	3%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0096	2.8000	0.00000	2.7725	0.11471	0.34200	5	0.24	0%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.8000	0.20000	2.7725	0.11471	0.34200	5	0.24	0%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	2.8800	0.02000	2.7725	0.11471	0.34200	5	0.94	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	3.4450	1.1900	2.7725	0.11471	0.34200	5	5.86	12%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	2.2050	0.01000	3.0798	0.73359	0.38994	8	-1.19	14%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0033	2.4500	0.40000	3.0798	0.73359	0.38994	8	-0.86	10%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2058	2.6100	0.02000	3.0798	0.73359	0.38994	8	-0.64	8%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0034	2.9635	0.02700	3.0798	0.73359	0.38994	8	-0.16	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	3.1344	0.33080	3.0798	0.73359	0.38994	8	0.07	1%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	3.5500	0.10000	3.0798	0.73359	0.38994	8	0.64	8%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	3.6585	0.97900	3.0798	0.73359	0.38994	8	0.79	9%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0168	4.0669	1.2527	3.0798	0.73359	0.38994	8	1.35	16%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0045	0.96500	0.17000	2.1033	0.98608	0.26667	3			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	2.6500	0.30000	2.1033	0.98608	0.26667	3			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	2.6950	0.33000	2.1033	0.98608	0.26667	3			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.84050	0.00500	1.0395	0.28144	0.00367	3			0
035.01	Sodium, Ion-selective electrode (%)	0138	0.91650	0.00500	1.0395	0.28144	0.00367	3			0
035.01	Sodium, Ion-selective electrode (%)	2006	1.3615	0.00100	1.0395	0.28144	0.00367	3			0
035.05	Sodium, Flame Emission (%)	0108	0.96500	0.05000	0.97640	0.01142	0.02640	5	-1.00	1%	0
035.05	Sodium, Flame Emission (%)	0504	0.97000	0.04000	0.97640	0.01142	0.02640	5	-0.56	0%	0
035.05	Sodium, Flame Emission (%)	0590	0.97450	0.00500	0.97640	0.01142	0.02640	5	-0.17	0%	0
035.05	Sodium, Flame Emission (%)	0066	0.97750	0.00700	0.97640	0.01142	0.02640	5	0.10	0%	0
035.05	Sodium, Flame Emission (%)	0152	0.99500	0.03000	0.97640	0.01142	0.02640	5	1.63	1%	0
035.31	Sodium, AAS, Dry ash (%)	0638	0.24000	0.00400	0.89943	0.07012	0.01669	20	-9.40	37%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.80500	0.03000	0.89943	0.07012	0.01669	20	-1.35	5%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.82020	0.00620	0.89943	0.07012	0.01669	20	-1.13	4%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.84500	0.07000	0.89943	0.07012	0.01669	20	-0.78	3%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.84500	0.01000	0.89943	0.07012	0.01669	20	-0.78	3%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.85500	0.01000	0.89943	0.07012	0.01669	20	-0.63	2%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.86000	0.02000	0.89943	0.07012	0.01669	20	-0.56	2%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.87900	0.00600	0.89943	0.07012	0.01669	20	-0.29	1%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.88100	0.00600	0.89943	0.07012	0.01669	20	-0.26	1%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.88500	0.01000	0.89943	0.07012	0.01669	20	-0.21	1%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.89950	0.00000	0.89943	0.07012	0.01669	20	0.00	0%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.91650	0.00100	0.89943	0.07012	0.01669	20	0.24	1%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.93850	0.00100	0.89943	0.07012	0.01669	20	0.56	2%	0
035.31	Sodium, AAS, Dry ash (%)	2018	0.94500	0.07000	0.89943	0.07012	0.01669	20	0.65	3%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.94815	0.00170	0.89943	0.07012	0.01669	20	0.69	3%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.95350	0.03300	0.89943	0.07012	0.01669	20	0.77	3%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.95890	0.00000	0.89943	0.07012	0.01669	20	0.85	3%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.97000	0.00000	0.89943	0.07012	0.01669	20	1.01	4%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.98570	0.05080	0.89943	0.07012	0.01669	20	1.23	5%	0
035.31	Sodium, AAS, Dry ash (%)	0178	1.0590	0.00400	0.89943	0.07012	0.01669	20	2.28	9%	0
035.32	Sodium, AAS, Open vessel (%)	0609	0.60500	0.01000	0.78459	0.15387	0.00978	4	-1.17	11%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.73150	0.01900	0.78459	0.15387	0.00978	4	-0.35	3%	0
035.32	Sodium, AAS, Open vessel (%)	0035	0.83425	0.00770	0.78459	0.15387	0.00978	4	0.32	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			
035.32	Sodium, AAS, Open vessel (%)	0263	0.96760	0.00240	0.78459	0.15387	0.00978	4	1.19	12%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.82000	0.00000	0.88677	0.04101	0.02130	29	-1.63	4%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.83500	0.03000	0.88677	0.04101	0.02130	29	-1.26	3%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.83500	0.03000	0.88677	0.04101	0.02130	29	-1.26	3%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.83650	0.01100	0.88677	0.04101	0.02130	29	-1.23	3%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.84000	0.00000	0.88677	0.04101	0.02130	29	-1.14	3%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.84745	0.05490	0.88677	0.04101	0.02130	29	-0.96	2%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.85500	0.07000	0.88677	0.04101	0.02130	29	-0.77	2%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.86000	0.02000	0.88677	0.04101	0.02130	29	-0.65	2%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.86220	0.00160	0.88677	0.04101	0.02130	29	-0.60	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.87800	0.00400	0.88677	0.04101	0.02130	29	-0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.87850	0.00700	0.88677	0.04101	0.02130	29	-0.20	0%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.88000	0.00000	0.88677	0.04101	0.02130	29	-0.16	0%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.88000	0.00000	0.88677	0.04101	0.02130	29	-0.16	0%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.88000	0.02000	0.88677	0.04101	0.02130	29	-0.16	0%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.88250	0.00500	0.88677	0.04101	0.02130	29	-0.10	0%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.88500	0.03000	0.88677	0.04101	0.02130	29	-0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.89000	0.04000	0.88677	0.04101	0.02130	29	0.08	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.89650	0.00100	0.88677	0.04101	0.02130	29	0.24	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.90100	0.01100	0.88677	0.04101	0.02130	29	0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.90500	0.01000	0.88677	0.04101	0.02130	29	0.44	1%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.90600	0.01000	0.88677	0.04101	0.02130	29	0.47	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.90915	0.02430	0.88677	0.04101	0.02130	29	0.55	1%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.92100	0.06800	0.88677	0.04101	0.02130	29	0.83	2%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.92500	0.03000	0.88677	0.04101	0.02130	29	0.93	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.93500	0.05000	0.88677	0.04101	0.02130	29	1.18	3%	0
035.41	Sodium, ICP, Dry ash (%)	0425	0.94500	0.01000	0.88677	0.04101	0.02130	29	1.42	3%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.94500	0.05000	0.88677	0.04101	0.02130	29	1.42	3%	0
035.41	Sodium, ICP, Dry ash (%)	2089	0.95000	0.00000	0.88677	0.04101	0.02130	29	1.54	4%	0
035.41	Sodium, ICP, Dry ash (%)	0405	1.1250	0.03000	0.88677	0.04101	0.02130	29	5.81	13%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.95350	0.11700	0.88677	0.04101	0.02130	29	1.63	4%	1
035.42	Sodium, ICP, Open vessel (%)	0366	0.69000	0.04000	0.90771	0.07191	0.03152	17	-3.03	12%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.73300	0.00000	0.90771	0.07191	0.03152	17	-2.43	10%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.80600	0.00140	0.90771	0.07191	0.03152	17	-1.41	6%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.83500	0.01000	0.90771	0.07191	0.03152	17	-1.01	4%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.87000	0.02000	0.90771	0.07191	0.03152	17	-0.52	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.89000	0.03800	0.90771	0.07191	0.03152	17	-0.25	1%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.89635	0.00670	0.90771	0.07191	0.03152	17	-0.16	1%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.90500	0.07000	0.90771	0.07191	0.03152	17	-0.04	0%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.91500	0.01000	0.90771	0.07191	0.03152	17	0.10	0%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.91655	0.02450	0.90771	0.07191	0.03152	17	0.12	0%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.92250	0.04700	0.90771	0.07191	0.03152	17	0.21	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			
035.42	Sodium, ICP, Open vessel (%)	0205	0.92250	0.02300	0.90771	0.07191	0.03152	17	0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.95385	0.06810	0.90771	0.07191	0.03152	17	0.64	3%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.95960	0.00140	0.90771	0.07191	0.03152	17	0.72	3%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.96900	0.05400	0.90771	0.07191	0.03152	17	0.85	3%	0
035.42	Sodium, ICP, Open vessel (%)	0560	1.0322	0.11170	0.90771	0.07191	0.03152	17	1.73	7%	0
035.42	Sodium, ICP, Open vessel (%)	0202	1.0650	0.01000	0.90771	0.07191	0.03152	17	2.19	9%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.84300	0.02600	0.89583	0.04187	0.01653	13	-1.26	3%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.85500	0.01200	0.89583	0.04187	0.01653	13	-0.98	2%	0
035.43	Sodium, ICP, Microwave (%)	0168	0.86130	0.05440	0.89583	0.04187	0.01653	13	-0.82	2%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.86250	0.00100	0.89583	0.04187	0.01653	13	-0.80	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.87600	0.02200	0.89583	0.04187	0.01653	13	-0.47	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.88500	0.01000	0.89583	0.04187	0.01653	13	-0.26	1%	0
035.43	Sodium, ICP, Microwave (%)	0508	0.89085	0.00250	0.89583	0.04187	0.01653	13	-0.12	0%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.89500	0.02400	0.89583	0.04187	0.01653	13	-0.02	0%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.91150	0.00900	0.89583	0.04187	0.01653	13	0.37	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.92500	0.03000	0.89583	0.04187	0.01653	13	0.70	2%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.94000	0.01200	0.89583	0.04187	0.01653	13	1.06	2%	0
035.43	Sodium, ICP, Microwave (%)	2052	0.94400	0.00200	0.89583	0.04187	0.01653	13	1.15	3%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.96500	0.01000	0.89583	0.04187	0.01653	13	1.65	4%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0096	0.91500	0.05000			0.09765	2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.95805	0.14530			0.09765	2			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.95300	0.02000			0.02000	1			0
035.99	Sodium, Miscellaneous (%)	0889	0.39500	0.01000	0.85000	0.33050	0.02000	4	-1.38	27%	0
035.99	Sodium, Miscellaneous (%)	0242	0.88500	0.03000	0.85000	0.33050	0.02000	4	0.11	2%	0
035.99	Sodium, Miscellaneous (%)	0100	0.93500	0.03000	0.85000	0.33050	0.02000	4	0.26	5%	0
035.99	Sodium, Miscellaneous (%)	2105	1.1850	0.01000	0.85000	0.33050	0.02000	4	1.01	20%	0
036.04	Sulfur, LECO (%)	0168	0.31045	0.00890	0.37136	0.05054	0.00973	4	-1.21	8%	0
036.04	Sulfur, LECO (%)	0098	0.35000	0.00000	0.37136	0.05054	0.00973	4	-0.42	3%	0
036.04	Sulfur, LECO (%)	0226	0.40500	0.01000	0.37136	0.05054	0.00973	4	0.67	5%	0
036.04	Sulfur, LECO (%)	0229	0.42000	0.02000	0.37136	0.05054	0.00973	4	0.96	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.34000	0.02000	0.38851	0.03435	0.01066	19	-1.41	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.34500	0.01000	0.38851	0.03435	0.01066	19	-1.27	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.35000	0.02000	0.38851	0.03435	0.01066	19	-1.12	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.36385	0.02430	0.38851	0.03435	0.01066	19	-0.72	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.36850	0.01300	0.38851	0.03435	0.01066	19	-0.58	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.37000	0.00000	0.38851	0.03435	0.01066	19	-0.54	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.37005	0.00470	0.38851	0.03435	0.01066	19	-0.54	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.37500	0.01000	0.38851	0.03435	0.01066	19	-0.39	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.37975	0.00030	0.38851	0.03435	0.01066	19	-0.26	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.38135	0.01610	0.38851	0.03435	0.01066	19	-0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.38500	0.01000	0.38851	0.03435	0.01066	19	-0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.40415	0.00030	0.38851	0.03435	0.01066	19	0.46	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			
036.42	Sulfur, ICP, Open vessel (%)	0171	0.40800	0.00400	0.38851	0.03435	0.01066	19	0.57	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.41000	0.02000	0.38851	0.03435	0.01066	19	0.63	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.41250	0.00080	0.38851	0.03435	0.01066	19	0.70	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.41500	0.01000	0.38851	0.03435	0.01066	19	0.77	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.43005	0.01810	0.38851	0.03435	0.01066	19	1.21	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.43350	0.02100	0.38851	0.03435	0.01066	19	1.31	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.46000	0.00000	0.38851	0.03435	0.01066	19	2.08	9%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.41500	0.05000	0.38851	0.03435	0.01066	19	0.77	3%	1
036.43	Sulfur, ICP, Microwave (%)	0169	0.35500	0.03000	0.38618	0.01629	0.01259	9	-1.91	4%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.36150	0.00100	0.38618	0.01629	0.01259	9	-1.51	3%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.38200	0.00600	0.38618	0.01629	0.01259	9	-0.26	1%	0
036.43	Sulfur, ICP, Microwave (%)	0508	0.38225	0.02730	0.38618	0.01629	0.01259	9	-0.24	1%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.38650	0.00100	0.38618	0.01629	0.01259	9	0.02	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.39000	0.00000	0.38618	0.01629	0.01259	9	0.23	0%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.39600	0.01200	0.38618	0.01629	0.01259	9	0.60	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.40310	0.02600	0.38618	0.01629	0.01259	9	1.04	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.40500	0.01000	0.38618	0.01629	0.01259	9	1.16	2%	0
036.99	Sulfur, Miscellaneous (%)	0242	0.39500	0.01000			0.01000	2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.39500	0.01000			0.01000	2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	449.00	2.0000	585.18	20.377	6.8751	18	-6.68	12%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	527.55	7.1000	585.18	20.377	6.8751	18	-2.83	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	530.00	0.00000	585.18	20.377	6.8751	18	-2.71	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	570.00	0.00000	585.18	20.377	6.8751	18	-0.75	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2067	575.62	3.4510	585.18	20.377	6.8751	18	-0.47	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	580.39	5.7400	585.18	20.377	6.8751	18	-0.24	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	582.50	23.000	585.18	20.377	6.8751	18	-0.13	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	583.00	6.0000	585.18	20.377	6.8751	18	-0.11	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0178	583.05	0.70000	585.18	20.377	6.8751	18	-0.10	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	584.50	1.0000	585.18	20.377	6.8751	18	-0.03	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	593.15	21.300	585.18	20.377	6.8751	18	0.39	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	595.36	1.6300	585.18	20.377	6.8751	18	0.50	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	596.00	18.000	585.18	20.377	6.8751	18	0.53	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	600.00	8.0000	585.18	20.377	6.8751	18	0.73	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	600.50	3.0000	585.18	20.377	6.8751	18	0.75	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	604.00	8.0000	585.18	20.377	6.8751	18	0.92	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	607.97	8.4900	585.18	20.377	6.8751	18	1.12	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	626.58	6.3410	585.18	20.377	6.8751	18	2.03	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	612.50	41.000	585.18	20.377	6.8751	18	1.34	2%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	391.00	6.0000	580.50	135.51	12.400	4	-1.40	16%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	608.50	25.000	580.50	135.51	12.400	4	0.21	2%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	609.50	10.600	580.50	135.51	12.400	4	0.21	2%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0612	713.00	8.0000	580.50	135.51	12.400	4	0.98	11%	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			
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	580.39	3.9700	589.71	12.112	2.8233	3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	585.35	1.5000	589.71	12.112	2.8233	3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0034	603.40	3.0000	589.71	12.112	2.8233	3			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	487.50	13.000	573.89	38.953	14.524	30	-2.22	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	520.17	1.1700	573.89	38.953	14.524	30	-1.38	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	524.29	31.470	573.89	38.953	14.524	30	-1.27	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	525.00	8.0000	573.89	38.953	14.524	30	-1.26	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	531.50	3.0000	573.89	38.953	14.524	30	-1.09	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	532.53	28.680	573.89	38.953	14.524	30	-1.06	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	534.20	0.00000	573.89	38.953	14.524	30	-1.02	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	546.15	15.700	573.89	38.953	14.524	30	-0.71	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	551.75	1.5000	573.89	38.953	14.524	30	-0.57	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	553.50	11.000	573.89	38.953	14.524	30	-0.52	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0300	557.34	0.26000	573.89	38.953	14.524	30	-0.42	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0425	564.50	40.600	573.89	38.953	14.524	30	-0.24	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	565.50	1.0000	573.89	38.953	14.524	30	-0.22	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	566.78	10.460	573.89	38.953	14.524	30	-0.18	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	573.78	1.1800	573.89	38.953	14.524	30	0.00	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	577.00	2.0000	573.89	38.953	14.524	30	0.08	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	587.74	4.6790	573.89	38.953	14.524	30	0.36	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	589.00	34.000	573.89	38.953	14.524	30	0.39	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0610	592.00	2.0000	573.89	38.953	14.524	30	0.46	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2089	593.28	5.6000	573.89	38.953	14.524	30	0.50	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	600.00	19.600	573.89	38.953	14.524	30	0.67	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	604.50	1.0000	573.89	38.953	14.524	30	0.79	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	606.00	30.000	573.89	38.953	14.524	30	0.82	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0512	607.60	37.600	573.89	38.953	14.524	30	0.87	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	609.70	2.6000	573.89	38.953	14.524	30	0.92	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	613.30	35.400	573.89	38.953	14.524	30	1.01	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	613.97	4.6100	573.89	38.953	14.524	30	1.03	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	616.50	47.000	573.89	38.953	14.524	30	1.09	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	616.50	15.000	573.89	38.953	14.524	30	1.09	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	627.10	27.600	573.89	38.953	14.524	30	1.37	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	0.05000	0.00000	564.92	83.561	23.814	21	-6.76	50%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	453.45	22.700	564.92	83.561	23.814	21	-1.33	10%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	455.55	10.490	564.92	83.561	23.814	21	-1.31	10%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	483.35	66.700	564.92	83.561	23.814	21	-0.98	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	484.00	12.000	564.92	83.561	23.814	21	-0.97	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	511.70	1.8000	564.92	83.561	23.814	21	-0.64	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	514.50	11.000	564.92	83.561	23.814	21	-0.60	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	522.00	8.0000	564.92	83.561	23.814	21	-0.51	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	569.50	85.000	564.92	83.561	23.814	21	0.05	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	
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	577.31	4.3900	564.92	83.561	23.814	21	0.15	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	579.00	14.000	564.92	83.561	23.814	21	0.17	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	588.50	1.0000	564.92	83.561	23.814	21	0.28	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	591.55	63.654	564.92	83.561	23.814	21	0.32	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	602.00	20.000	564.92	83.561	23.814	21	0.44	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	603.35	3.1000	564.92	83.561	23.814	21	0.46	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	610.35	1.7000	564.92	83.561	23.814	21	0.54	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	614.00	56.000	564.92	83.561	23.814	21	0.59	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	614.84	0.33000	564.92	83.561	23.814	21	0.60	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	655.90	1.8000	564.92	83.561	23.814	21	1.09	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	689.99	68.040	564.92	83.561	23.814	21	1.50	11%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	697.60	48.400	564.92	83.561	23.814	21	1.59	12%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	511.50	5.0000	590.60	51.157	15.303	20	-1.55	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	514.50	1.0000	590.60	51.157	15.303	20	-1.49	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	537.00	0.00000	590.60	51.157	15.303	20	-1.05	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2058	546.00	8.0100	590.60	51.157	15.303	20	-0.87	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	556.50	7.0000	590.60	51.157	15.303	20	-0.67	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2052	561.50	17.000	590.60	51.157	15.303	20	-0.57	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	573.00	12.000	590.60	51.157	15.303	20	-0.34	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	578.18	4.0100	590.60	51.157	15.303	20	-0.24	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0168	582.03	10.280	590.60	51.157	15.303	20	-0.17	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	583.50	1.0000	590.60	51.157	15.303	20	-0.14	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0668	586.00	2.0000	590.60	51.157	15.303	20	-0.09	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0508	589.87	26.960	590.60	51.157	15.303	20	-0.01	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	593.10	16.650	590.60	51.157	15.303	20	0.05	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	611.50	23.000	590.60	51.157	15.303	20	0.41	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	617.50	53.000	590.60	51.157	15.303	20	0.53	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	652.09	23.340	590.60	51.157	15.303	20	1.20	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	653.50	41.000	590.60	51.157	15.303	20	1.23	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	655.00	18.000	590.60	51.157	15.303	20	1.26	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	668.10	24.800	590.60	51.157	15.303	20	1.51	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	738.00	12.000	590.60	51.157	15.303	20	2.88	12%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0955	5.5100	0.24000			29.120	2			0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	610.00	58.000			29.120	2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0096	575.00	10.000			15.000	2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	580.00	20.000			15.000	2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	615.50	27.000			27.000	1			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	534.50	3.0000	534.75	0.35355	16.667	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	535.00	6.0000	534.75	0.35355	16.667	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	647.50	41.000	534.75	0.35355	16.667	3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	2.3980	0.59700			0.59700	1			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	2.0500	0.50000	2.2004	0.16162	0.23480	3			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	2.1800	0.02000	2.2004	0.16162	0.23480	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	2.3713	0.18440	2.2004	0.16162	0.23480	3			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	1.8550	0.15000	2.0296	0.18384	0.10636	5	-0.95	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	1.8782	0.05180	2.0296	0.18384	0.10636	5	-0.82	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	1.9650	0.03000	2.0296	0.18384	0.10636	5	-0.35	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	2.2000	0.20000	2.0296	0.18384	0.10636	5	0.93	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	2.2500	0.10000	2.0296	0.18384	0.10636	5	1.20	5%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.4000	0.00000			0.00000	1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	1.8810	0.09200	2.3402	0.39847	0.06777	3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	2.5450	0.05000	2.3402	0.39847	0.06777	3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	2.5947	0.06130	2.3402	0.39847	0.06777	3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	9.5750	0.03000			0.03000	1			0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0508	8.9736	0.31830			0.31830	1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.04900	0.00600			0.10300	2			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0096	8.9000	0.20000			0.10300	2			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	9.0584	0.10780			0.10780	1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.1500	0.10000			0.10000	1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0168	1.8672	0.47490			0.47490	1			0
042.99	Chloride, Miscellaneous (%)	0613	1.6000	0.02000			0.02000	1			0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0218	254.23	4.2840	266.88	11.086	15.767	5	-1.14	2%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0027	261.36	14.551	266.88	11.086	15.767	5	-0.50	1%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0511	264.50	27.000	266.88	11.086	15.767	5	-0.21	0%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0035	270.65	1.5000	266.88	11.086	15.767	5	0.34	1%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0148	283.65	31.500	266.88	11.086	15.767	5	1.51	3%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0038	229.30	26.600	254.10	13.242	10.517	10	-1.87	5%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0917	241.50	31.000	254.10	13.242	10.517	10	-0.95	2%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0004	248.00	0.00000	254.10	13.242	10.517	10	-0.46	1%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0036	249.65	9.1000	254.10	13.242	10.517	10	-0.34	1%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0010	251.00	8.0000	254.10	13.242	10.517	10	-0.23	1%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0033	254.50	13.000	254.10	13.242	10.517	10	0.03	0%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0032	260.50	1.0000	254.10	13.242	10.517	10	0.48	1%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0001	263.05	12.300	254.10	13.242	10.517	10	0.68	2%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0613	265.74	4.0700	254.10	13.242	10.517	10	0.88	2%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0675	545.07	0.10000	254.10	13.242	10.517	10	21.97	57%	0
051.99	Chlortetracycline, Miscellaneous (mg / kg (ppm))	0910	211.50	1.0000			19.500	2			0
051.99	Chlortetracycline, Miscellaneous (mg / kg (ppm))	2055	213.00	38.000			19.500	2			0
057.01	Ethoxyquin, LC (mg / kg (ppm))	0939	0.29000	0.04000			0.04000	1			0
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	0610	0.79000	0.18000				1			0
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	0619	0.00000	0.00000				1			4
065.03	Monensin, LC (mg / kg (ppm))	0047	1.2150	0.19000	1.5300	0.09899	0.07000	3			0
065.03	Monensin, LC (mg / kg (ppm))	2053	1.4600	0.02000	1.5300	0.09899	0.07000	3			0
065.03	Monensin, LC (mg / kg (ppm))	0590	1.6000	0.00000	1.5300	0.09899	0.07000	3			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
065.03	Monensin, LC (mg / kg (ppm))	0905	0.00000	0.00000	1.5300	0.09899	0.07000	3			4
065.04	Monensin, LC-PCD (mg / kg (ppm))	0036	1.5500	0.10000			0.22500	2			0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0009	1.7850	0.35000			0.22500	2			0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0668	1.6000	0.00000	2.0600	0.65054	0.03333	3			0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0610	1.6800	0.10000	2.0600	0.65054	0.03333	3			0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0619	2.5200	0.00000	2.0600	0.65054	0.03333	3			0
067.99	Nicarbazin, Miscellaneous (mg / kg (ppm))	0619	0.00000	0.00000			0.00000	0			4
079.99	Salinomycin, Miscellaneous (mg / kg (ppm))	0619	0.00000	0.00000			0.00000	0			4
088.99	Tylosin, Miscellaneous (mg / kg (ppm))	0610	7.8000	0.40000			0.40000	1			0
091.99	Narasin, Miscellaneous (mg / kg (ppm))	0619	0.00000	0.00000			0.00000	0			4
095.03	Methoprene, GC (mg/kg (ppm))	0019	9.0800	1.1600			1.1600	1			0
095.99	Methoprene, Miscellaneous (mg/kg (ppm))	2053	4.0550	0.27000			0.27000	1			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0675	489.75	2.6200			2.6200	1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	888.50	93.000			93.000	1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	1,335.0	30.000			30.000	1			0
101.99	Choline Chloride, Miscellaneous (mg / kg (ppm))	0208	1,510.0	100.00			100.00	1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	76.450	7.1000			6.0500	2			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0208	109.50	5.0000			6.0500	2			0
102.02	Niacin, LC (mg / kg (ppm))	0939	26.225	3.4500			6.2150	2			0
102.02	Niacin, LC (mg / kg (ppm))	0675	69.420	8.9800			6.2150	2			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	10.150	0.10000			0.30000	2			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0208	12.650	0.50000			0.30000	2			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0939	10.195	0.69000	21.963	10.556	1.5733	3			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	25.100	0.00000	21.963	10.556	1.5733	3			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0675	30.595	4.0300	21.963	10.556	1.5733	3			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	4.3450	0.25000			0.25000	1			0
104.03	Riboflavin, LC (mg / kg (ppm))	0208	1.6800	0.52000	1.9163	0.20499	0.38000	5	-1.15	6%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	1.8100	0.26000	1.9163	0.20499	0.38000	5	-0.52	3%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0027	2.0750	0.21000	1.9163	0.20499	0.38000	5	0.77	4%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2053	2.1000	0.20000	1.9163	0.20499	0.38000	5	0.90	5%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2023	4.7450	0.71000	1.9163	0.20499	0.38000	5	13.80	74%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0675	12.015	7.9100	1.9163	0.20499	0.38000	5	49.26	264%	1
105.00	Thiamine, LC (mg / kg (ppm))	0910	2.6650	0.09000	2.7375	0.10253	0.27333	3			0
105.00	Thiamine, LC (mg / kg (ppm))	0629	2.8100	0.00000	2.7375	0.10253	0.27333	3			0
105.00	Thiamine, LC (mg / kg (ppm))	2023	4.1150	0.73000	2.7375	0.10253	0.27333	3			0
106.00	Vitamin A, Color (KU / kg)	0019	36.895	0.08800			2.3915	2			0
106.00	Vitamin A, Color (KU / kg)	0027	54.551	4.6950			2.3915	2			0
106.02	Vitamin A, LC (KU / kg)	0555	16.800	3.6000	44.826	11.143	4.7902	20	-2.52	31%	0
106.02	Vitamin A, LC (KU / kg)	2023	29.850	7.1000	44.826	11.143	4.7902	20	-1.34	17%	0
106.02	Vitamin A, LC (KU / kg)	0910	33.200	2.6000	44.826	11.143	4.7902	20	-1.04	13%	0
106.02	Vitamin A, LC (KU / kg)	0208	33.620	0.22000	44.826	11.143	4.7902	20	-1.01	12%	0
106.02	Vitamin A, LC (KU / kg)	0035	36.455	0.93000	44.826	11.143	4.7902	20	-0.75	9%	0



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106.02	Vitamin A, LC (KU / kg)	0921	38.330	0.08000	44.826	11.143	4.7902	20	-0.58	7%	0
106.02	Vitamin A, LC (KU / kg)	2053	38.800	11.000	44.826	11.143	4.7902	20	-0.54	7%	0
106.02	Vitamin A, LC (KU / kg)	0563	40.206	1.5114	44.826	11.143	4.7902	20	-0.41	5%	0
106.02	Vitamin A, LC (KU / kg)	0038	41.110	12.020	44.826	11.143	4.7902	20	-0.33	4%	0
106.02	Vitamin A, LC (KU / kg)	0169	44.500	1.0000	44.826	11.143	4.7902	20	-0.03	0%	0
106.02	Vitamin A, LC (KU / kg)	0610	46.000	2.2000	44.826	11.143	4.7902	20	0.11	1%	0
106.02	Vitamin A, LC (KU / kg)	0148	46.305	1.3500	44.826	11.143	4.7902	20	0.13	2%	0
106.02	Vitamin A, LC (KU / kg)	0905	48.990	0.09200	44.826	11.143	4.7902	20	0.37	5%	0
106.02	Vitamin A, LC (KU / kg)	2103	51.110	5.5600	44.826	11.143	4.7902	20	0.56	7%	0
106.02	Vitamin A, LC (KU / kg)	0861	51.450	9.9000	44.826	11.143	4.7902	20	0.59	7%	0
106.02	Vitamin A, LC (KU / kg)	0689	52.200	7.4000	44.826	11.143	4.7902	20	0.66	8%	0
106.02	Vitamin A, LC (KU / kg)	0227	55.600	2.0000	44.826	11.143	4.7902	20	0.97	12%	0
106.02	Vitamin A, LC (KU / kg)	0675	57.610	4.1400	44.826	11.143	4.7902	20	1.15	14%	0
106.02	Vitamin A, LC (KU / kg)	0014	62.400	5.0000	44.826	11.143	4.7902	20	1.58	20%	0
106.02	Vitamin A, LC (KU / kg)	0033	63.850	18.100	44.826	11.143	4.7902	20	1.71	21%	0
106.02	Vitamin A, LC (KU / kg)	2004	63,900	3,000.0	44.826	11.143	4.7902	20	5730.44	71226%	2
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0208	12.500	1.0000			1.0000	1			0
107.99	Vitamin B12, Miscellaneous (µg / kg (ppb))	2058	36.600	2.2000			135.10	2			0
107.99	Vitamin B12, Miscellaneous (µg / kg (ppb))	0675	3,265.0	268.00			135.10	2			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	4.5000	1.0000			1.0000	1			0
108.02	Vitamin D3, LC (KU / kg)	0675	5.0450	0.29000	8.1488	3.9101	0.49750	4	-0.79	19%	0
108.02	Vitamin D3, LC (KU / kg)	2023	6.1500	0.90000	8.1488	3.9101	0.49750	4	-0.51	12%	0
108.02	Vitamin D3, LC (KU / kg)	0610	7.6000	0.20000	8.1488	3.9101	0.49750	4	-0.14	3%	0
108.02	Vitamin D3, LC (KU / kg)	0227	13.800	0.60000	8.1488	3.9101	0.49750	4	1.45	35%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	12.400	0.00000			0.00000	1			0
109.02	Vitamin E, LC (mg / kg (ppm))	0169	82.500	1.0000	153.49	27.514	4.3411	18	-2.58	23%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0148	121.00	1.2000	153.49	27.514	4.3411	18	-1.18	11%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0921	127.00	2.0000	153.49	27.514	4.3411	18	-0.96	9%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0208	133.47	0.91100	153.49	27.514	4.3411	18	-0.73	7%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2023	133.85	11.900	153.49	27.514	4.3411	18	-0.71	6%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0676	137.65	1.1000	153.49	27.514	4.3411	18	-0.58	5%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0675	140.31	0.01000	153.49	27.514	4.3411	18	-0.48	4%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2103	144.50	1.0000	153.49	27.514	4.3411	18	-0.33	3%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0098	147.00	8.0000	153.49	27.514	4.3411	18	-0.24	2%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2058	152.79	0.27000	153.49	27.514	4.3411	18	-0.03	0%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0027	160.34	7.2890	153.49	27.514	4.3411	18	0.25	2%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0590	165.50	0.00000	153.49	27.514	4.3411	18	0.44	4%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0227	171.50	3.0000	153.49	27.514	4.3411	18	0.65	6%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0861	175.00	10.000	153.49	27.514	4.3411	18	0.78	7%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0905	175.00	4.0000	153.49	27.514	4.3411	18	0.78	7%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0910	181.35	7.3000	153.49	27.514	4.3411	18	1.01	9%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0555	196.90	13.200	153.49	27.514	4.3411	18	1.58	14%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
109.02	Vitamin E, LC (mg / kg (ppm))	0563	197.38	5.9589	153.49	27.514	4.3411	18	1.59	14%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0610	104.05	113.90	153.49	27.514	4.3411	18	-1.80	16%	1
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	0.62350	0.02900			0.02900	1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.23550	0.02300			0.02300	1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.75500	0.01000	0.78581	0.02170	0.01091	16	-1.42	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.76000	0.00000	0.78581	0.02170	0.01091	16	-1.19	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	0.76500	0.03000	0.78581	0.02170	0.01091	16	-0.96	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.77050	0.00100	0.78581	0.02170	0.01091	16	-0.71	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.77350	0.01300	0.78581	0.02170	0.01091	16	-0.57	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.77500	0.01000	0.78581	0.02170	0.01091	16	-0.50	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.77500	0.01000	0.78581	0.02170	0.01091	16	-0.50	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.78400	0.01400	0.78581	0.02170	0.01091	16	-0.08	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.79000	0.02000	0.78581	0.02170	0.01091	16	0.19	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.79000	0.00000	0.78581	0.02170	0.01091	16	0.19	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.79200	0.00600	0.78581	0.02170	0.01091	16	0.29	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.79550	0.00700	0.78581	0.02170	0.01091	16	0.45	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.80050	0.02100	0.78581	0.02170	0.01091	16	0.68	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.81450	0.00900	0.78581	0.02170	0.01091	16	1.32	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.81500	0.00620	0.78581	0.02170	0.01091	16	1.35	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.81550	0.01740	0.78581	0.02170	0.01091	16	1.37	2%	0
120.01	Alanine, Pre-col OPA Der (%)	2022	0.82500	0.01000			0.01000	1			0
120.02	Alanine, Post-col OPA Der (%)	2023	0.77500	0.03000			0.01650	2			0
120.02	Alanine, Post-col OPA Der (%)	0098	0.81850	0.00300			0.01650	2			0
120.05	Alanine, Pre-col AQC Der (%)	0939	0.73500	0.03000	0.77367	0.04666	0.03000	3			0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.76050	0.05500	0.77367	0.04666	0.03000	3			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.82550	0.00500	0.77367	0.04666	0.03000	3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.91250	0.01960	1.0115	0.01872	0.01862	16	-5.29	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	0.94500	0.01000	1.0115	0.01872	0.01862	16	-3.55	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.97000	0.04000	1.0115	0.01872	0.01862	16	-2.22	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.97000	0.06000	1.0115	0.01872	0.01862	16	-2.22	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.97500	0.01000	1.0115	0.01872	0.01862	16	-1.95	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.99150	0.00900	1.0115	0.01872	0.01862	16	-1.07	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.0040	0.02600	1.0115	0.01872	0.01862	16	-0.40	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.0120	0.00600	1.0115	0.01872	0.01862	16	0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.0225	0.02900	1.0115	0.01872	0.01862	16	0.59	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.0245	0.00100	1.0115	0.01872	0.01862	16	0.69	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.0250	0.03000	1.0115	0.01872	0.01862	16	0.72	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.0250	0.01000	1.0115	0.01872	0.01862	16	0.72	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	1.0250	0.03000	1.0115	0.01872	0.01862	16	0.72	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.0259	0.00830	1.0115	0.01872	0.01862	16	0.77	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.0260	0.00400	1.0115	0.01872	0.01862	16	0.77	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.0375	0.00500	1.0115	0.01872	0.01862	16	1.39	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			
121.01	Arginine, Pre-col OPA Der (%)	2022	1.0300	0.02000			0.02000	1			0
121.02	Arginine, Post-col OPA Der (%)	2023	0.98500	0.01000			0.00950	2			0
121.02	Arginine, Post-col OPA Der (%)	0098	0.98750	0.00900			0.00950	2			0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.99700	0.00800	1.0233	0.02434	0.01867	3			0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.0280	0.03800	1.0233	0.02434	0.01867	3			0
121.05	Arginine, Pre-col AQC Der (%)	0939	1.0450	0.01000	1.0233	0.02434	0.01867	3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.2175	0.00300	1.2550	0.02822	0.01916	16	-1.33	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.2200	0.06000	1.2550	0.02822	0.01916	16	-1.24	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.2250	0.01000	1.2550	0.02822	0.01916	16	-1.06	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	1.2300	0.04000	1.2550	0.02822	0.01916	16	-0.89	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.2305	0.02900	1.2550	0.02822	0.01916	16	-0.87	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.2400	0.00000	1.2550	0.02822	0.01916	16	-0.53	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.2525	0.00100	1.2550	0.02822	0.01916	16	-0.09	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.2545	0.00300	1.2550	0.02822	0.01916	16	-0.02	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.2600	0.02000	1.2550	0.02822	0.01916	16	0.18	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.2650	0.01000	1.2550	0.02822	0.01916	16	0.35	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.2750	0.07800	1.2550	0.02822	0.01916	16	0.71	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.2750	0.01000	1.2550	0.02822	0.01916	16	0.71	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.2794	0.01840	1.2550	0.02822	0.01916	16	0.86	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.2802	0.01510	1.2550	0.02822	0.01916	16	0.89	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.2865	0.00500	1.2550	0.02822	0.01916	16	1.12	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.2890	0.00400	1.2550	0.02822	0.01916	16	1.20	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0160	1.0125	0.10500	1.2550	0.02822	0.01916	16	-8.59	10%	1
122.02	Aspartic, Post-col OPA Der (%)	2023	1.2600	0.04000			0.02350	2			0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.2705	0.00700			0.02350	2			0
122.05	Aspartic, Pre-col AQC Der (%)	0939	1.2500	0.04000	1.2713	0.02686	0.01667	3			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.2625	0.00900	1.2713	0.02686	0.01667	3			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.3015	0.00100	1.2713	0.02686	0.01667	3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2022	0.24500	0.01000	0.26656	0.01389	0.00806	16	-1.55	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.24850	0.00500	0.26656	0.01389	0.00806	16	-1.30	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.25275	0.01490	0.26656	0.01389	0.00806	16	-0.99	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.25500	0.01000	0.26656	0.01389	0.00806	16	-0.83	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.26350	0.00300	0.26656	0.01389	0.00806	16	-0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.26500	0.01000	0.26656	0.01389	0.00806	16	-0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.26500	0.01000	0.26656	0.01389	0.00806	16	-0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.26500	0.01000	0.26656	0.01389	0.00806	16	-0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.26500	0.01000	0.26656	0.01389	0.00806	16	-0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.26600	0.00600	0.26656	0.01389	0.00806	16	-0.04	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.26850	0.00300	0.26656	0.01389	0.00806	16	0.14	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.27300	0.01400	0.26656	0.01389	0.00806	16	0.46	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.28000	0.00200	0.26656	0.01389	0.00806	16	0.97	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.28200	0.00200	0.26656	0.01389	0.00806	16	1.11	3%	0

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124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0910	0.29000	0.00000	0.26656	0.01389	0.00806	16	1.69	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0918	0.32150	0.01900	0.26656	0.01389	0.00806	16	3.96	10%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	2022	0.32500	0.01000			0.01000	1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.28750	0.00500	0.30167	0.02036	0.00533	3			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0676	0.29250	0.00100	0.30167	0.02036	0.00533	3			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.32500	0.01000	0.30167	0.02036	0.00533	3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0939	0.15000	0.04000			0.02500	2			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.26500	0.01000			0.02500	2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	2.6850	0.01000	2.7619	0.04723	0.03858	16	-1.63	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.7040	0.00800	2.7619	0.04723	0.03858	16	-1.23	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.7100	0.10000	2.7619	0.04723	0.03858	16	-1.10	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.7300	0.08000	2.7619	0.04723	0.03858	16	-0.68	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.7460	0.02800	2.7619	0.04723	0.03858	16	-0.34	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.7460	0.02000	2.7619	0.04723	0.03858	16	-0.34	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.7500	0.04000	2.7619	0.04723	0.03858	16	-0.25	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.7530	0.02450	2.7619	0.04723	0.03858	16	-0.19	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.7585	0.04300	2.7619	0.04723	0.03858	16	-0.07	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.7750	0.01000	2.7619	0.04723	0.03858	16	0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.7750	0.01000	2.7619	0.04723	0.03858	16	0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.7900	0.01000	2.7619	0.04723	0.03858	16	0.59	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.7945	0.00500	2.7619	0.04723	0.03858	16	0.69	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	2.8450	0.05000	2.7619	0.04723	0.03858	16	1.76	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	2.8660	0.11600	2.7619	0.04723	0.03858	16	2.20	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.8660	0.06280	2.7619	0.04723	0.03858	16	2.20	2%	0
125.01	Glutamic, Pre-col OPA Der (%)	2022	2.8300	0.02000			0.02000	1			0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.7620	0.06200			0.06100	2			0
125.02	Glutamic, Post-col OPA Der (%)	2023	2.8100	0.06000			0.06100	2			0
125.05	Glutamic, Pre-col AQC Der (%)	0939	2.6850	0.05000	2.7405	0.06466	0.02300	3			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	2.7250	0.01200	2.7405	0.06466	0.02300	3			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.8115	0.00700	2.7405	0.06466	0.02300	3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.64500	0.01000	0.67585	0.01351	0.00968	16	-2.28	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.65950	0.00500	0.67585	0.01351	0.00968	16	-1.21	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.66000	0.00000	0.67585	0.01351	0.00968	16	-1.17	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.66520	0.01140	0.67585	0.01351	0.00968	16	-0.79	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.66750	0.01300	0.67585	0.01351	0.00968	16	-0.62	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.66950	0.00300	0.67585	0.01351	0.00968	16	-0.47	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.67000	0.00000	0.67585	0.01351	0.00968	16	-0.43	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	0.67500	0.03000	0.67585	0.01351	0.00968	16	-0.06	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.67850	0.02900	0.67585	0.01351	0.00968	16	0.20	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.68500	0.01000	0.67585	0.01351	0.00968	16	0.68	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.68500	0.01000	0.67585	0.01351	0.00968	16	0.68	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.68500	0.00800	0.67585	0.01351	0.00968	16	0.68	1%	0

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126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.68500	0.01000	0.67585	0.01351	0.00968	16	0.68	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.68600	0.00200	0.67585	0.01351	0.00968	16	0.75	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.69165	0.01050	0.67585	0.01351	0.00968	16	1.17	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.69350	0.00300	0.67585	0.01351	0.00968	16	1.31	1%	0
126.01	Glycine, Pre-col OPA Der (%)	2022	0.70000	0.02000			0.02000	1			0
126.02	Glycine, Post-col OPA Der (%)	2023	0.65500	0.01000			0.00600	2			0
126.02	Glycine, Post-col OPA Der (%)	0098	0.70100	0.00200			0.00600	2			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.68350	0.01900	0.68917	0.00530	0.01367	3			0
126.05	Glycine, Pre-col AQC Der (%)	0939	0.69000	0.02000	0.68917	0.00530	0.01367	3			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.69400	0.00200	0.68917	0.00530	0.01367	3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.37200	0.00600	0.38613	0.01075	0.00757	15	-1.32	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.37460	0.00560	0.38613	0.01075	0.00757	15	-1.07	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.37500	0.01000	0.38613	0.01075	0.00757	15	-1.04	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.37900	0.00200	0.38613	0.01075	0.00757	15	-0.66	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.38000	0.00000	0.38613	0.01075	0.00757	15	-0.57	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.38450	0.00700	0.38613	0.01075	0.00757	15	-0.15	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.38500	0.01000	0.38613	0.01075	0.00757	15	-0.11	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.38500	0.00600	0.38613	0.01075	0.00757	15	-0.11	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.38500	0.01000	0.38613	0.01075	0.00757	15	-0.11	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.38500	0.01000	0.38613	0.01075	0.00757	15	-0.11	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.39250	0.01900	0.38613	0.01075	0.00757	15	0.59	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.39400	0.00600	0.38613	0.01075	0.00757	15	0.73	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.39700	0.00400	0.38613	0.01075	0.00757	15	1.01	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.41330	0.00800	0.38613	0.01075	0.00757	15	2.53	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.41500	0.01000	0.38613	0.01075	0.00757	15	2.69	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.40000	0.04000	0.38613	0.01075	0.00757	15	1.29	2%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.39100	0.00200			0.00600	2			0
127.02	Histidine, Post-col OPA Der (%)	2023	0.39500	0.01000			0.00600	2			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.38650	0.01100	0.39417	0.00965	0.00767	3			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.39100	0.00200	0.39417	0.00965	0.00767	3			0
127.05	Histidine, Pre-col AQC Der (%)	0939	0.40500	0.01000	0.39417	0.00965	0.00767	3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.42500	0.01000	0.51445	0.02279	0.01154	16	-3.92	9%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.44100	0.03400	0.51445	0.02279	0.01154	16	-3.22	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.48500	0.01000	0.51445	0.02279	0.01154	16	-1.29	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.49850	0.04500	0.51445	0.02279	0.01154	16	-0.70	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.50050	0.00300	0.51445	0.02279	0.01154	16	-0.61	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.50500	0.03000	0.51445	0.02279	0.01154	16	-0.41	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.51245	0.00210	0.51445	0.02279	0.01154	16	-0.09	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.51400	0.00200	0.51445	0.02279	0.01154	16	-0.02	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.52000	0.00000	0.51445	0.02279	0.01154	16	0.24	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.52000	0.00000	0.51445	0.02279	0.01154	16	0.24	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.52120	0.01260	0.51445	0.02279	0.01154	16	0.30	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			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.52650	0.00300	0.51445	0.02279	0.01154	16	0.53	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.52900	0.00600	0.51445	0.02279	0.01154	16	0.64	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.53450	0.00700	0.51445	0.02279	0.01154	16	0.88	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.54500	0.01000	0.51445	0.02279	0.01154	16	1.34	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.56500	0.01000	0.51445	0.02279	0.01154	16	2.22	5%	0
128.01	Isoleucine, Pre-col OPA Der (%)	2022	0.48500	0.01000			0.01000	1			0
128.02	Isoleucine, Post-col OPA Der (%)	2023	0.51500	0.01000			0.01250	2			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.53050	0.01500			0.01250	2			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.52150	0.02100	0.53067	0.01257	0.01800	3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.52550	0.00300	0.53067	0.01257	0.01800	3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0939	0.54500	0.03000	0.53067	0.01257	0.01800	3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.0900	0.00000	1.1374	0.02419	0.01283	16	-1.96	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.0950	0.01000	1.1374	0.02419	0.01283	16	-1.75	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.1050	0.00600	1.1374	0.02419	0.01283	16	-1.34	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.1240	0.01280	1.1374	0.02419	0.01283	16	-0.55	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.1250	0.01000	1.1374	0.02419	0.01283	16	-0.51	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	1.1250	0.03000	1.1374	0.02419	0.01283	16	-0.51	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.1300	0.02000	1.1374	0.02419	0.01283	16	-0.31	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.1320	0.01000	1.1374	0.02419	0.01283	16	-0.22	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.1430	0.01400	1.1374	0.02419	0.01283	16	0.23	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.1432	0.02650	1.1374	0.02419	0.01283	16	0.24	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.1500	0.00000	1.1374	0.02419	0.01283	16	0.52	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.1520	0.01400	1.1374	0.02419	0.01283	16	0.60	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.1545	0.01100	1.1374	0.02419	0.01283	16	0.71	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.1635	0.01100	1.1374	0.02419	0.01283	16	1.08	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.1700	0.02000	1.1374	0.02419	0.01283	16	1.35	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.1700	0.01000	1.1374	0.02419	0.01283	16	1.35	1%	0
129.01	Leucine, Pre-col OPA Der (%)	2022	1.0700	0.02000			0.02000	1			0
129.02	Leucine, Post-col OPA Der (%)	2023	1.1500	0.04000			0.02850	2			0
129.02	Leucine, Post-col OPA Der (%)	0098	1.1715	0.01700			0.02850	2			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.1125	0.07700	1.1447	0.02986	0.05267	3			0
129.05	Leucine, Pre-col AQC Der (%)	0939	1.1500	0.04000	1.1447	0.02986	0.05267	3			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.1715	0.04100	1.1447	0.02986	0.05267	3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.50500	0.01000	0.57350	0.01531	0.01280	16	-4.47	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.55500	0.03200	0.57350	0.01531	0.01280	16	-1.21	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.55500	0.01000	0.57350	0.01531	0.01280	16	-1.21	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	0.56000	0.04000	0.57350	0.01531	0.01280	16	-0.88	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.56500	0.01000	0.57350	0.01531	0.01280	16	-0.55	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.56750	0.00900	0.57350	0.01531	0.01280	16	-0.39	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.56815	0.00510	0.57350	0.01531	0.01280	16	-0.35	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.57500	0.01000	0.57350	0.01531	0.01280	16	0.10	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.57515	0.00670	0.57350	0.01531	0.01280	16	0.11	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			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.57900	0.01600	0.57350	0.01531	0.01280	16	0.36	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.57950	0.00900	0.57350	0.01531	0.01280	16	0.39	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.57950	0.00500	0.57350	0.01531	0.01280	16	0.39	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.58350	0.00100	0.57350	0.01531	0.01280	16	0.65	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.59000	0.00000	0.57350	0.01531	0.01280	16	1.08	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.59350	0.00100	0.57350	0.01531	0.01280	16	1.31	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.65000	0.04000	0.57350	0.01531	0.01280	16	5.00	7%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.58000	0.08000	0.57350	0.01531	0.01280	16	0.42	1%	1
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.62050	0.00300			0.00650	2			0
130.02	L-Lysine, Post-col OPA Der (%)	2023	0.63500	0.01000			0.00650	2			0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	0.43000	0.00000	0.59663	0.02161	0.01580	5	-7.71	14%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.57850	0.00900	0.59663	0.02161	0.01580	5	-0.84	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.59000	0.02000	0.59663	0.02161	0.01580	5	-0.31	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0939	0.59000	0.04000	0.59663	0.02161	0.01580	5	-0.31	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.62800	0.01000	0.59663	0.02161	0.01580	5	1.45	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.20000	0.00000	0.21645	0.01204	0.00794	17	-1.37	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.20250	0.01500	0.21645	0.01204	0.00794	17	-1.16	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.20500	0.03000	0.21645	0.01204	0.00794	17	-0.95	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.20795	0.01370	0.21645	0.01204	0.00794	17	-0.71	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.21000	0.00000	0.21645	0.01204	0.00794	17	-0.54	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.21000	0.00000	0.21645	0.01204	0.00794	17	-0.54	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.21000	0.02000	0.21645	0.01204	0.00794	17	-0.54	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.21100	0.00200	0.21645	0.01204	0.00794	17	-0.45	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.21350	0.00700	0.21645	0.01204	0.00794	17	-0.24	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.22000	0.02000	0.21645	0.01204	0.00794	17	0.29	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.22100	0.00200	0.21645	0.01204	0.00794	17	0.38	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.22150	0.00700	0.21645	0.01204	0.00794	17	0.42	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.22200	0.00200	0.21645	0.01204	0.00794	17	0.46	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.23380	0.00320	0.21645	0.01204	0.00794	17	1.44	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.23500	0.01000	0.21645	0.01204	0.00794	17	1.54	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.24000	0.00000	0.21645	0.01204	0.00794	17	1.96	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.24850	0.00300	0.21645	0.01204	0.00794	17	2.66	7%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	2022	0.26000	0.04000			0.04000	1			0
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.21000	0.00000	0.21450	0.00427	0.00500	3			0
131.02	Methionine, PAO Post-col OPA Der (%)	0676	0.21500	0.01200	0.21450	0.00427	0.00500	3			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.21850	0.00300	0.21450	0.00427	0.00500	3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.22000	0.00000	0.22000	0.00000	0.00500	3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0939	0.22000	0.00000	0.22000	0.00000	0.00500	3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.23450	0.01500	0.22000	0.00000	0.00500	3			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.60500	0.01000	0.68031	0.02997	0.01029	15	-2.51	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.63500	0.03000	0.68031	0.02997	0.01029	15	-1.51	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.65200	0.00000	0.68031	0.02997	0.01029	15	-0.94	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.65435	0.00970	0.68031	0.02997	0.01029	15	-0.87	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.65600	0.02800	0.68031	0.02997	0.01029	15	-0.81	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.67315	0.01270	0.68031	0.02997	0.01029	15	-0.24	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	0.68000	0.00000	0.68031	0.02997	0.01029	15	-0.01	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.68800	0.00400	0.68031	0.02997	0.01029	15	0.26	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.69000	0.00000	0.68031	0.02997	0.01029	15	0.32	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.69050	0.00500	0.68031	0.02997	0.01029	15	0.34	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.70500	0.00400	0.68031	0.02997	0.01029	15	0.82	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.70650	0.00300	0.68031	0.02997	0.01029	15	0.87	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.71000	0.02000	0.68031	0.02997	0.01029	15	0.99	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.71000	0.02000	0.68031	0.02997	0.01029	15	0.99	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.71100	0.00800	0.68031	0.02997	0.01029	15	1.02	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.66000	0.06000	0.68031	0.02997	0.01029	15	-0.68	1%	1
132.02	Phenylalanine, Post-col OPA Der (%)	2023	0.69500	0.03000			0.01850	2			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.70350	0.00700			0.01850	2			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.66900	0.02200	0.69450	0.02324	0.01500	3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0939	0.70000	0.02000	0.69450	0.02324	0.01500	3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.71450	0.00300	0.69450	0.02324	0.01500	3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.87450	0.00700	0.93230	0.01758	0.01574	14	-3.29	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.89200	0.03000	0.93230	0.01758	0.01574	14	-2.29	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.89900	0.00200	0.93230	0.01758	0.01574	14	-1.89	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.92135	0.00610	0.93230	0.01758	0.01574	14	-0.62	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.92240	0.00320	0.93230	0.01758	0.01574	14	-0.56	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.92750	0.00700	0.93230	0.01758	0.01574	14	-0.27	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.93500	0.01000	0.93230	0.01758	0.01574	14	0.15	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.93650	0.00100	0.93230	0.01758	0.01574	14	0.24	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.93700	0.00400	0.93230	0.01758	0.01574	14	0.27	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	0.94200	0.03000	0.93230	0.01758	0.01574	14	0.55	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.94500	0.01000	0.93230	0.01758	0.01574	14	0.72	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.94500	0.05000	0.93230	0.01758	0.01574	14	0.72	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.95000	0.02000	0.93230	0.01758	0.01574	14	1.01	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	0.97000	0.04000	0.93230	0.01758	0.01574	14	2.14	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.80000	0.10000	0.93230	0.01758	0.01574	14	-7.53	7%	1
133.05	Proline, Pre-col AQC Der (%)	0676	0.91950	0.03300	1.0035	0.00919	0.01233	3			0
133.05	Proline, Pre-col AQC Der (%)	0626	0.99700	0.00400	1.0035	0.00919	0.01233	3			0
133.05	Proline, Pre-col AQC Der (%)	0939	1.0100	0.00000	1.0035	0.00919	0.01233	3			0
133.99	Proline, Miscellaneous (%)	2023	1.0500	0.02000			0.02000	1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.60000	0.06000	0.68179	0.01859	0.01937	16	-4.40	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.63415	0.06310	0.68179	0.01859	0.01937	16	-2.56	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.64200	0.01400	0.68179	0.01859	0.01937	16	-2.14	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.67000	0.04000	0.68179	0.01859	0.01937	16	-0.63	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.67200	0.00600	0.68179	0.01859	0.01937	16	-0.53	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	
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.67300	0.00800	0.68179	0.01859	0.01937	16	-0.47	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.67500	0.03000	0.68179	0.01859	0.01937	16	-0.37	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.68400	0.01000	0.68179	0.01859	0.01937	16	0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.68500	0.01000	0.68179	0.01859	0.01937	16	0.17	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.68600	0.00400	0.68179	0.01859	0.01937	16	0.23	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.69000	0.00000	0.68179	0.01859	0.01937	16	0.44	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.69250	0.00500	0.68179	0.01859	0.01937	16	0.58	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	0.69500	0.01000	0.68179	0.01859	0.01937	16	0.71	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.70000	0.00000	0.68179	0.01859	0.01937	16	0.98	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.70300	0.02180	0.68179	0.01859	0.01937	16	1.14	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.72200	0.02800	0.68179	0.01859	0.01937	16	2.16	3%	0
134.01	Serine, Pre-col OPA Der (%)	2022	0.73500	0.01000			0.01000	1			0
134.02	Serine, Post-col OPA Der (%)	0098	0.63100	0.01000			0.01500	2			0
134.02	Serine, Post-col OPA Der (%)	2023	0.64000	0.02000			0.01500	2			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.67050	0.01100	0.68533	0.01314	0.00800	3			0
134.05	Serine, Pre-col AQC Der (%)	0939	0.69000	0.00000	0.68533	0.01314	0.00800	3			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.69550	0.01300	0.68533	0.01314	0.00800	3			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.50000	0.02000	0.52502	0.01347	0.01268	16	-1.86	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.50500	0.01000	0.52502	0.01347	0.01268	16	-1.49	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.51400	0.00200	0.52502	0.01347	0.01268	16	-0.82	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.51540	0.00000	0.52502	0.01347	0.01268	16	-0.71	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.51750	0.00900	0.52502	0.01347	0.01268	16	-0.56	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.52000	0.00000	0.52502	0.01347	0.01268	16	-0.37	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.52000	0.04000	0.52502	0.01347	0.01268	16	-0.37	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.52350	0.00900	0.52502	0.01347	0.01268	16	-0.11	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.52500	0.01000	0.52502	0.01347	0.01268	16	0.00	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.52650	0.00900	0.52502	0.01347	0.01268	16	0.11	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.52800	0.00400	0.52502	0.01347	0.01268	16	0.22	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.53035	0.01190	0.52502	0.01347	0.01268	16	0.40	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.54150	0.00700	0.52502	0.01347	0.01268	16	1.22	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.54350	0.03100	0.52502	0.01347	0.01268	16	1.37	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.54500	0.01000	0.52502	0.01347	0.01268	16	1.48	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.54500	0.03000	0.52502	0.01347	0.01268	16	1.48	2%	0
135.01	Threonine, Pre-col OPA Der (%)	2022	0.52500	0.01000			0.01000	1			0
135.02	Threonine, Post-col OPA Der (%)	0098	0.52400	0.00200			0.00600	2			0
135.02	Threonine, Post-col OPA Der (%)	2023	0.52500	0.01000			0.00600	2			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.52250	0.02100	0.52517	0.00419	0.00833	3			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.52300	0.00400	0.52517	0.00419	0.00833	3			0
135.05	Threonine, Pre-col AQC Der (%)	0939	0.53000	0.00000	0.52517	0.00419	0.00833	3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.12065	0.00250	0.19066	0.02475	0.00835	6	-2.83	18%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.17500	0.01000	0.19066	0.02475	0.00835	6	-0.63	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.18850	0.00500	0.19066	0.02475	0.00835	6	-0.09	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			
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.20000	0.00200	0.19066	0.02475	0.00835	6	0.38	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.20850	0.02060	0.19066	0.02475	0.00835	6	0.72	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.21500	0.01000	0.19066	0.02475	0.00835	6	0.98	6%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.18000	0.00000	0.18875	0.00811	0.00150	4	-1.08	2%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.18650	0.00100	0.18875	0.00811	0.00150	4	-0.28	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.18900	0.00200	0.18875	0.00811	0.00150	4	0.03	0%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.19950	0.00300	0.18875	0.00811	0.00150	4	1.33	3%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	2023	0.15500	0.01000			0.00600	2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.19000	0.00200			0.00600	2			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.17750	0.00300			0.00150	2			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.18000	0.00000			0.00150	2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.16500	0.01000			0.01000	1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.25500	0.09000	0.43470	0.05177	0.02028	12	-3.47	21%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.28060	0.00560	0.43470	0.05177	0.02028	12	-2.98	18%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.39000	0.02000	0.43470	0.05177	0.02028	12	-0.86	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.41550	0.06900	0.43470	0.05177	0.02028	12	-0.37	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.42000	0.00000	0.43470	0.05177	0.02028	12	-0.28	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.43500	0.01000	0.43470	0.05177	0.02028	12	0.01	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.44000	0.00000	0.43470	0.05177	0.02028	12	0.10	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.46700	0.02800	0.43470	0.05177	0.02028	12	0.62	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.47000	0.00800	0.43470	0.05177	0.02028	12	0.68	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.47200	0.00200	0.43470	0.05177	0.02028	12	0.72	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.48250	0.00700	0.43470	0.05177	0.02028	12	0.92	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.49845	0.00370	0.43470	0.05177	0.02028	12	1.23	7%	0
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.35500	0.01000			0.00900	2			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.39800	0.00800			0.00900	2			0
137.05	Tyrosine, Pre-col AQC Der (%)	0939	0.44000	0.02000	0.47567	0.03502	0.02467	3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.47700	0.02200	0.47567	0.03502	0.02467	3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.51000	0.03200	0.47567	0.03502	0.02467	3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.61000	0.04000	0.69229	0.02437	0.02239	16	-3.38	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.62050	0.02900	0.69229	0.02437	0.02239	16	-2.95	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.63900	0.04600	0.69229	0.02437	0.02239	16	-2.19	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.65500	0.03000	0.69229	0.02437	0.02239	16	-1.53	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.67600	0.08200	0.69229	0.02437	0.02239	16	-0.67	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.68000	0.02000	0.69229	0.02437	0.02239	16	-0.50	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	0.69500	0.03000	0.69229	0.02437	0.02239	16	0.11	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.69700	0.01800	0.69229	0.02437	0.02239	16	0.19	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.70000	0.00000	0.69229	0.02437	0.02239	16	0.32	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.70000	0.00100	0.69229	0.02437	0.02239	16	0.32	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.70500	0.00000	0.69229	0.02437	0.02239	16	0.52	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.70900	0.00600	0.69229	0.02437	0.02239	16	0.69	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.71000	0.02000	0.69229	0.02437	0.02239	16	0.73	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			
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.71300	0.00600	0.69229	0.02437	0.02239	16	0.85	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.71630	0.00020	0.69229	0.02437	0.02239	16	0.99	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.72500	0.03000	0.69229	0.02437	0.02239	16	1.34	2%	0
138.01	Valine, Pre-col OPA Der (%)	2022	0.73500	0.01000			0.01000	1			0
138.02	Valine, Post-col OPA Der (%)	2023	0.66500	0.03000			0.01550	2			0
138.02	Valine, Post-col OPA Der (%)	0098	0.72650	0.00100			0.01550	2			0
138.05	Valine, Pre-col AQC Der (%)	0939	0.73500	0.01000	0.74400	0.01191	0.01267	3			0
138.05	Valine, Pre-col AQC Der (%)	0676	0.73950	0.02500	0.74400	0.01191	0.01267	3			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.75750	0.00300	0.74400	0.01191	0.01267	3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.12950	0.01900			0.01900	1			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000			0.00000	0			4
160.99	Fructose, Miscellaneous (%)	0619	0.61600	0.00000	0.89100	0.27723	0.07333	6	-0.99	15%	0
160.99	Fructose, Miscellaneous (%)	0148	0.68500	0.03000	0.89100	0.27723	0.07333	6	-0.74	12%	0
160.99	Fructose, Miscellaneous (%)	0629	0.76500	0.01000	0.89100	0.27723	0.07333	6	-0.45	7%	0
160.99	Fructose, Miscellaneous (%)	0227	0.95000	0.20000	0.89100	0.27723	0.07333	6	0.21	3%	0
160.99	Fructose, Miscellaneous (%)	0676	1.0900	0.18000	0.89100	0.27723	0.07333	6	0.72	11%	0
160.99	Fructose, Miscellaneous (%)	0889	1.2400	0.02000	0.89100	0.27723	0.07333	6	1.26	20%	0
162.99	Glucose, Miscellaneous (%)	0619	0.38000	0.00000	0.79583	0.37695	0.06167	6	-1.10	26%	0
162.99	Glucose, Miscellaneous (%)	0148	0.44500	0.01000	0.79583	0.37695	0.06167	6	-0.93	22%	0
162.99	Glucose, Miscellaneous (%)	0629	0.82000	0.00000	0.79583	0.37695	0.06167	6	0.06	2%	0
162.99	Glucose, Miscellaneous (%)	0227	0.82500	0.17000	0.79583	0.37695	0.06167	6	0.08	2%	0
162.99	Glucose, Miscellaneous (%)	0676	1.1350	0.07000	0.79583	0.37695	0.06167	6	0.90	21%	0
162.99	Glucose, Miscellaneous (%)	0889	1.1700	0.12000	0.79583	0.37695	0.06167	6	0.99	24%	0
163.99	Lactose, Miscellaneous (%)	0148	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	0148	0.00000	0.00000			0.00000	0			4
165.99	Sucrose, Miscellaneous (%)	0619	1.4600	0.00000	2.0100	0.28279	0.03333	6	-1.94	14%	0
165.99	Sucrose, Miscellaneous (%)	0676	1.8950	0.01000	2.0100	0.28279	0.03333	6	-0.41	3%	0
165.99	Sucrose, Miscellaneous (%)	0629	1.9750	0.01000	2.0100	0.28279	0.03333	6	-0.12	1%	0
165.99	Sucrose, Miscellaneous (%)	0889	2.0000	0.04000	2.0100	0.28279	0.03333	6	-0.04	0%	0
165.99	Sucrose, Miscellaneous (%)	0148	2.2150	0.09000	2.0100	0.28279	0.03333	6	0.72	5%	0
165.99	Sucrose, Miscellaneous (%)	0227	2.5050	0.05000	2.0100	0.28279	0.03333	6	1.75	12%	0
166.99	Raffinose, Miscellaneous (%)	0619	0.47100	0.00000			0.00000	1			0
167.99	Stachyose, Miscellaneous (%)	0619	0.88100	0.00000			0.00000	1			0
365.04	Monensin, residual, LC-MS (µg / kg (ppb))	2055	2,350.0	700.00			700.00	1			0
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0613	820.00	140.00	1,271.7	399.76	56.667	3			0
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0218	1,415.0	30.000	1,271.7	399.76	56.667	3			0
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0555	1,580.0	0.00000	1,271.7	399.76	56.667	3			0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.57250	0.00500	0.57622	0.00445	0.00650	3			0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.57500	0.01000	0.57622	0.00445	0.00650	3			0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.58115	0.00450	0.57622	0.00445	0.00650	3			0
400.99	Water activity, Miscellaneous (Units)	2073	0.59500	0.00200			0.00200	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			
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.32800	0.01400			0.01400	1			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.30000	0.00000			0.00350	2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.37650	0.00700			0.00350	2			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0168	0.32665	0.07250	0.38115	0.06361	0.07175	4	-0.86	7%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.34550	0.00100	0.38115	0.06361	0.07175	4	-0.56	5%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.38245	0.01150	0.38115	0.06361	0.07175	4	0.02	0%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.47000	0.20200	0.38115	0.06361	0.07175	4	1.40	12%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0968	0.13950	0.01500			0.01300	2			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.16300	0.01100			0.01300	2			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0425	0.16000	0.00000			0.00000	1			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.16000	0.02000			0.01500	2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.16500	0.01000			0.01500	2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.14625	0.00750	0.16054	0.01069	0.00278	4	-1.34	4%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.15850	0.00100	0.16054	0.01069	0.00278	4	-0.19	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.16800	0.00200	0.16054	0.01069	0.00278	4	0.70	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.16940	0.00060	0.16054	0.01069	0.00278	4	0.83	3%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	4.1013	0.87050			0.87050	1			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	5.2350	0.05000			0.05000	1			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	3.8000	0.20000			0.65000	2			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0096	4.3500	1.1000			0.65000	2			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0168	3.7916	1.2287	4.4084	0.98551	0.55590	3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	3.8887	0.12900	4.4084	0.98551	0.55590	3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	5.5450	0.31000	4.4084	0.98551	0.55590	3			0
520.99	Chromium, Miscellaneous (mg / kg (ppm))	0968	4.1280	0.26400			0.26400	1			0
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0689	0.69500	0.19000			0.19000	1			0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0425	0.00000	0.00000			0.00000	0			4
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.20500	0.01000			0.01000	2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.22500	0.01000			0.01000	2			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.20750	0.01500	0.22435	0.01374	0.01395	4	-1.23	4%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.21900	0.00200	0.22435	0.01374	0.01395	4	-0.39	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0168	0.23355	0.03590	0.22435	0.01374	0.01395	4	0.67	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.23735	0.00290	0.22435	0.01374	0.01395	4	0.95	3%	0
529.00	Mercury, Cold vapor (µg / kg (ppb))	0425	100.00	0.00000			0.00000	1			0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0555	55.000	22.000				1			0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0918	0.00000	0.00000				1			4
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	2.8695	0.09600			0.09600	1			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.8000	0.00000			0.35000	2			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0096	2.9500	0.70000			0.35000	2			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	2.4793	0.26900			0.20450	2			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	3.2700	0.14000			0.20450	2			0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg)	0723	3.6400	0.00000							0
600.13	Total Aflatoxin, r-Biopharm Ridascreen FAST Afl	1019	2.0085	0.64300							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			
600.20	Total Aflatoxin, LC (µg / kg (ppb))	0042	0.00000	0.00000							4
600.98	Total Aflatoxin, Other Rapid Test Kit (µg / kg (ppb))	0880	11.950	3.3000							0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.00400	0.00000			0.00000	1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.00700	0.00000			0.00000	1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.2205	0.01700			0.01700	1			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous	0676	0.11850	0.00100			0.00100	1			0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous	0676	0.00100	0.00000			0.00000	1			0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)	0676	0.00000	0.00000			0.00000	0			4
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c	0676	0.00100	0.00000			0.00000	1			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c)	0676	0.00000	0.00000			0.00000	0			4
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0676	0.12000	0.00000			0.00000	1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0676	2.2200	0.02000			0.02000	1			0

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 8 = Analyst data exempt and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in this case the Z Scores may be included for information only (Grey, No Action!). Flag 9 indicates no statistics calculated for this dataset. To review the problem please see all submitted data for this test.