



Proficiency For Individual Methods

Sample # 201529

Calf Feed, Medicated

All Tests Report  
Regular Program

# Labs Reporting: 219

Issue Date : 10/31/2015

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	
000.02	Urea, As protein, Colorimetric (%)	0278	0.40000	0.00000			0.00000	1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	4.2950	0.03000	8.9775	0.79646	0.13849	8	-5.88	26%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2048	8.2395	0.02900	8.9775	0.79646	0.13849	8	-0.93	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	8.8850	0.13000	8.9775	0.79646	0.13849	8	-0.12	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	8.9355	0.01700	8.9775	0.79646	0.13849	8	-0.05	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.0279	0.00190	8.9775	0.79646	0.13849	8	0.06	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.3000	0.06000	8.9775	0.79646	0.13849	8	0.40	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0183	9.7550	0.03000	8.9775	0.79646	0.13849	8	0.98	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.8750	0.81000	8.9775	0.79646	0.13849	8	1.13	5%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	6.9650	1.3700	8.9775	0.79646	0.13849	8	-2.53	11%	1
001.03	Loss on Drying, Low temp. methods (%)	0900	8.9400	0.04000	9.1907	0.13403	0.01417	12	-1.87	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2091	9.0000	0.00000	9.1907	0.13403	0.01417	12	-1.42	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2086	9.0500	0.00000	9.1907	0.13403	0.01417	12	-1.05	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	9.0800	0.02000	9.1907	0.13403	0.01417	12	-0.83	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2093	9.1250	0.01000	9.1907	0.13403	0.01417	12	-0.49	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	9.2350	0.03000	9.1907	0.13403	0.01417	12	0.33	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	9.2400	0.00000	9.1907	0.13403	0.01417	12	0.37	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	9.2750	0.01000	9.1907	0.13403	0.01417	12	0.63	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	9.2750	0.01000	9.1907	0.13403	0.01417	12	0.63	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	9.2850	0.01000	9.1907	0.13403	0.01417	12	0.70	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0934	9.3150	0.03000	9.1907	0.13403	0.01417	12	0.93	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.3450	0.01000	9.1907	0.13403	0.01417	12	1.15	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	9.4350	0.21000	9.1907	0.13403	0.01417	12	1.82	1%	1
001.05	Loss on Drying, LECO (%)	0610	9.0400	0.02000			0.02000	1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	8.4500	0.30000	9.1889	0.32113	0.11222	37	-2.30	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.5000	0.00000	9.1889	0.32113	0.11222	37	-2.15	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.6050	0.29000	9.1889	0.32113	0.11222	37	-1.82	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	8.7850	0.11000	9.1889	0.32113	0.11222	37	-1.26	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.8300	0.04000	9.1889	0.32113	0.11222	37	-1.12	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0178	8.8600	0.04000	9.1889	0.32113	0.11222	37	-1.02	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.8750	0.03000	9.1889	0.32113	0.11222	37	-0.98	2%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.9000	0.00000	9.1889	0.32113	0.11222	37	-0.90	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	8.9500	0.10000	9.1889	0.32113	0.11222	37	-0.74	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.9550	0.09000	9.1889	0.32113	0.11222	37	-0.73	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	8.9850	0.37000	9.1889	0.32113	0.11222	37	-0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	9.0550	0.27000	9.1889	0.32113	0.11222	37	-0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.0700	0.04000	9.1889	0.32113	0.11222	37	-0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.1150	0.07000	9.1889	0.32113	0.11222	37	-0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	9.1150	0.13000	9.1889	0.32113	0.11222	37	-0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.1200	0.02000	9.1889	0.32113	0.11222	37	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.1600	0.04000	9.1889	0.32113	0.11222	37	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.2100	0.00000	9.1889	0.32113	0.11222	37	0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0896	9.2250	0.01000	9.1889	0.32113	0.11222	37	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.2350	0.03000	9.1889	0.32113	0.11222	37	0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.2450	0.05000	9.1889	0.32113	0.11222	37	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.2550	0.07000	9.1889	0.32113	0.11222	37	0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	9.2650	0.07000	9.1889	0.32113	0.11222	37	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	9.2925	0.10900	9.1889	0.32113	0.11222	37	0.32	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	9.3050	0.13000	9.1889	0.32113	0.11222	37	0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.3050	0.05000	9.1889	0.32113	0.11222	37	0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	9.3585	0.02300	9.1889	0.32113	0.11222	37	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.4000	0.00000	9.1889	0.32113	0.11222	37	0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.4200	0.36000	9.1889	0.32113	0.11222	37	0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.4750	0.25000	9.1889	0.32113	0.11222	37	0.89	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	9.4950	0.19000	9.1889	0.32113	0.11222	37	0.95	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	9.5000	0.02000	9.1889	0.32113	0.11222	37	0.97	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2011	9.5400	0.34000	9.1889	0.32113	0.11222	37	1.09	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	9.5550	0.05000	9.1889	0.32113	0.11222	37	1.14	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.6700	0.34000	9.1889	0.32113	0.11222	37	1.50	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	10.245	0.01000	9.1889	0.32113	0.11222	37	3.29	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	10.265	0.11000	9.1889	0.32113	0.11222	37	3.35	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	9.5500	0.70000	9.1889	0.32113	0.11222	37	1.12	2%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	5.6950	0.07000	9.1889	0.32113	0.11222	37	-10.88	19%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	9.0850	0.09000	9.2083	0.11094	0.11000	3	-1.11	1%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	2058	9.2400	0.04000	9.2083	0.11094	0.11000	3	0.29	0%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	9.3000	0.20000	9.2083	0.11094	0.11000	3	0.83	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2018	6.9500	0.08000	8.9863	0.46215	0.10933	15	-4.41	11%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.7600	0.08000	8.9863	0.46215	0.10933	15	-2.65	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.6000	0.12000	8.9863	0.46215	0.10933	15	-0.84	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	8.6700	0.42000	8.9863	0.46215	0.10933	15	-0.68	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.7650	0.09000	8.9863	0.46215	0.10933	15	-0.48	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	8.8350	0.07000	8.9863	0.46215	0.10933	15	-0.33	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.9000	0.00000	8.9863	0.46215	0.10933	15	-0.19	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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001.99	Loss on Drying, Miscellaneous (%)	0676	8.9550	0.07000	8.9863	0.46215	0.10933	15	-0.07	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.1350	0.01000	8.9863	0.46215	0.10933	15	0.32	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.2300	0.06000	8.9863	0.46215	0.10933	15	0.53	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	9.2350	0.45000	8.9863	0.46215	0.10933	15	0.54	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	9.2500	0.08000	8.9863	0.46215	0.10933	15	0.57	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.4000	0.06000	8.9863	0.46215	0.10933	15	0.90	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	9.7400	0.02000	8.9863	0.46215	0.10933	15	1.63	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	11.265	0.03000	8.9863	0.46215	0.10933	15	4.93	13%	0
001.99	Loss on Drying, Miscellaneous (%)	0876	9.3950	1.7900	8.9863	0.46215	0.10933	15	0.88	2%	1
002.00	Protein, Crude (%)	0028	19.780	0.24000	19.974	0.21975	0.19250	4	-0.88	0%	0
002.00	Protein, Crude (%)	0169	19.815	0.09000	19.974	0.21975	0.19250	4	-0.72	0%	0
002.00	Protein, Crude (%)	0940	20.050	0.14000	19.974	0.21975	0.19250	4	0.35	0%	0
002.00	Protein, Crude (%)	0845	20.250	0.30000	19.974	0.21975	0.19250	4	1.26	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0062	15.344	0.08200	19.729	0.27983	0.05269	13	-15.67	11%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	19.155	0.01000	19.729	0.27983	0.05269	13	-2.05	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	19.320	0.16000	19.729	0.27983	0.05269	13	-1.46	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0870	19.598	0.07100	19.729	0.27983	0.05269	13	-0.47	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0653	19.600	0.10000	19.729	0.27983	0.05269	13	-0.46	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0723	19.700	0.00000	19.729	0.27983	0.05269	13	-0.10	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	19.770	0.03200	19.729	0.27983	0.05269	13	0.15	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	19.825	0.03000	19.729	0.27983	0.05269	13	0.34	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	19.850	0.10000	19.729	0.27983	0.05269	13	0.43	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0860	19.850	0.00000	19.729	0.27983	0.05269	13	0.43	0%	0
002.01	Protein, Auto Kjel-Foss (%)	2023	19.910	0.04000	19.729	0.27983	0.05269	13	0.65	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0896	20.055	0.01000	19.729	0.27983	0.05269	13	1.16	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	20.225	0.05000	19.729	0.27983	0.05269	13	1.77	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	19.405	0.15000	19.800	0.34272	0.11053	3	-1.15	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	19.975	0.17000	19.800	0.34272	0.11053	3	0.51	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	20.020	0.01160	19.800	0.34272	0.11053	3	0.64	1%	0
002.04	Protein, Copper Catalyst (%)	0405	19.175	0.17000	19.533	0.33079	0.14200	5	-1.08	1%	0
002.04	Protein, Copper Catalyst (%)	0187	19.285	0.09000	19.533	0.33079	0.14200	5	-0.75	1%	0
002.04	Protein, Copper Catalyst (%)	0874	19.495	0.19000	19.533	0.33079	0.14200	5	-0.11	0%	0
002.04	Protein, Copper Catalyst (%)	0728	19.715	0.15000	19.533	0.33079	0.14200	5	0.55	0%	0
002.04	Protein, Copper Catalyst (%)	0504	19.995	0.11000	19.533	0.33079	0.14200	5	1.40	1%	0
002.05	Protein, Copper, Boric Acid (%)	0921	19.310	0.00000	19.693	0.23650	0.08911	38	-1.62	1%	0
002.05	Protein, Copper, Boric Acid (%)	2097	19.397	0.04010	19.693	0.23650	0.08911	38	-1.25	1%	0
002.05	Protein, Copper, Boric Acid (%)	0955	19.400	0.20000	19.693	0.23650	0.08911	38	-1.24	1%	0
002.05	Protein, Copper, Boric Acid (%)	0651	19.435	0.47020	19.693	0.23650	0.08911	38	-1.09	1%	0
002.05	Protein, Copper, Boric Acid (%)	2011	19.435	0.31000	19.693	0.23650	0.08911	38	-1.09	1%	0
002.05	Protein, Copper, Boric Acid (%)	0900	19.480	0.02000	19.693	0.23650	0.08911	38	-0.90	1%	0
002.05	Protein, Copper, Boric Acid (%)	2091	19.480	0.12000	19.693	0.23650	0.08911	38	-0.90	1%	0
002.05	Protein, Copper, Boric Acid (%)	0683	19.485	0.05000	19.693	0.23650	0.08911	38	-0.88	1%	0

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002.05	Protein, Copper, Boric Acid (%)	0675	19.500	0.22000	19.693	0.23650	0.08911	38	-0.81	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	19.540	0.02000	19.693	0.23650	0.08911	38	-0.65	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	19.542	0.02450	19.693	0.23650	0.08911	38	-0.64	0%	0
002.05	Protein, Copper, Boric Acid (%)	2012	19.545	0.19000	19.693	0.23650	0.08911	38	-0.62	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	19.580	0.00000	19.693	0.23650	0.08911	38	-0.48	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	19.585	0.05000	19.693	0.23650	0.08911	38	-0.46	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	19.595	0.01000	19.693	0.23650	0.08911	38	-0.41	0%	0
002.05	Protein, Copper, Boric Acid (%)	0934	19.595	0.03000	19.693	0.23650	0.08911	38	-0.41	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	19.600	0.20000	19.693	0.23650	0.08911	38	-0.39	0%	0
002.05	Protein, Copper, Boric Acid (%)	2106	19.635	0.47000	19.693	0.23650	0.08911	38	-0.24	0%	0
002.05	Protein, Copper, Boric Acid (%)	0943	19.640	0.12000	19.693	0.23650	0.08911	38	-0.22	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	19.650	0.04000	19.693	0.23650	0.08911	38	-0.18	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	19.665	0.07000	19.693	0.23650	0.08911	38	-0.12	0%	0
002.05	Protein, Copper, Boric Acid (%)	2048	19.675	0.02800	19.693	0.23650	0.08911	38	-0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	2093	19.710	0.02000	19.693	0.23650	0.08911	38	0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	19.780	0.00600	19.693	0.23650	0.08911	38	0.37	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	19.785	0.03000	19.693	0.23650	0.08911	38	0.39	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	19.850	0.02000	19.693	0.23650	0.08911	38	0.67	0%	0
002.05	Protein, Copper, Boric Acid (%)	2067	19.859	0.26100	19.693	0.23650	0.08911	38	0.70	0%	0
002.05	Protein, Copper, Boric Acid (%)	0622	19.871	0.04250	19.693	0.23650	0.08911	38	0.75	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	19.875	0.01000	19.693	0.23650	0.08911	38	0.77	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	19.890	0.14000	19.693	0.23650	0.08911	38	0.83	1%	0
002.05	Protein, Copper, Boric Acid (%)	2073	19.915	0.03000	19.693	0.23650	0.08911	38	0.94	1%	0
002.05	Protein, Copper, Boric Acid (%)	0893	19.970	0.02000	19.693	0.23650	0.08911	38	1.17	1%	0
002.05	Protein, Copper, Boric Acid (%)	2086	19.970	0.00000	19.693	0.23650	0.08911	38	1.17	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	20.000	0.00000	19.693	0.23650	0.08911	38	1.30	1%	0
002.05	Protein, Copper, Boric Acid (%)	0937	20.045	0.05000	19.693	0.23650	0.08911	38	1.49	1%	0
002.05	Protein, Copper, Boric Acid (%)	0849	20.058	0.02400	19.693	0.23650	0.08911	38	1.54	1%	0
002.05	Protein, Copper, Boric Acid (%)	0015	20.200	0.02000	19.693	0.23650	0.08911	38	2.15	1%	0
002.05	Protein, Copper, Boric Acid (%)	2006	20.585	0.03000	19.693	0.23650	0.08911	38	3.77	2%	0
002.05	Protein, Copper, Boric Acid (%)	0852	19.655	0.79000	19.693	0.23650	0.08911	38	-0.16	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	18.500	0.00000	20.116	0.30857	0.15248	132	-5.24	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	19.100	0.14000	20.116	0.30857	0.15248	132	-3.29	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	19.136	0.29300	20.116	0.30857	0.15248	132	-3.18	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	19.300	0.40000	20.116	0.30857	0.15248	132	-2.64	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0563	19.312	0.05530	20.116	0.30857	0.15248	132	-2.60	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	19.545	0.17000	20.116	0.30857	0.15248	132	-1.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	19.610	0.30000	20.116	0.30857	0.15248	132	-1.64	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	19.630	0.28000	20.116	0.30857	0.15248	132	-1.57	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	19.630	0.08000	20.116	0.30857	0.15248	132	-1.57	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	19.638	0.47000	20.116	0.30857	0.15248	132	-1.55	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	19.670	0.04000	20.116	0.30857	0.15248	132	-1.45	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 (%)	0138	19.674	0.05900	20.116	0.30857	0.15248	132	-1.43	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	19.695	0.15000	20.116	0.30857	0.15248	132	-1.36	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	19.700	0.20000	20.116	0.30857	0.15248	132	-1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	19.715	0.45000	20.116	0.30857	0.15248	132	-1.30	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	19.730	0.08120	20.116	0.30857	0.15248	132	-1.25	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	19.760	0.24000	20.116	0.30857	0.15248	132	-1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	19.780	0.40000	20.116	0.30857	0.15248	132	-1.09	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	19.788	0.23900	20.116	0.30857	0.15248	132	-1.06	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	19.793	0.03500	20.116	0.30857	0.15248	132	-1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	19.795	0.27000	20.116	0.30857	0.15248	132	-1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	19.810	0.04000	20.116	0.30857	0.15248	132	-0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	19.810	0.18000	20.116	0.30857	0.15248	132	-0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	19.835	0.13000	20.116	0.30857	0.15248	132	-0.91	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	19.840	0.10000	20.116	0.30857	0.15248	132	-0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	19.850	0.10000	20.116	0.30857	0.15248	132	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	19.850	0.26000	20.116	0.30857	0.15248	132	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	19.850	0.00000	20.116	0.30857	0.15248	132	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	19.850	0.00000	20.116	0.30857	0.15248	132	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	19.860	0.36000	20.116	0.30857	0.15248	132	-0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	19.870	0.28000	20.116	0.30857	0.15248	132	-0.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	19.880	0.06000	20.116	0.30857	0.15248	132	-0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	19.880	0.08000	20.116	0.30857	0.15248	132	-0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	19.885	0.07000	20.116	0.30857	0.15248	132	-0.75	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	19.895	0.15000	20.116	0.30857	0.15248	132	-0.72	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	19.900	0.26000	20.116	0.30857	0.15248	132	-0.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	19.900	0.20000	20.116	0.30857	0.15248	132	-0.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	19.913	0.08100	20.116	0.30857	0.15248	132	-0.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	19.925	0.01000	20.116	0.30857	0.15248	132	-0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	19.960	0.32000	20.116	0.30857	0.15248	132	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	19.980	0.10000	20.116	0.30857	0.15248	132	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	19.985	0.05000	20.116	0.30857	0.15248	132	-0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	19.990	0.00000	20.116	0.30857	0.15248	132	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	20.000	0.20000	20.116	0.30857	0.15248	132	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0695	20.000	0.02400	20.116	0.30857	0.15248	132	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	20.001	0.30300	20.116	0.30857	0.15248	132	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	20.015	0.01000	20.116	0.30857	0.15248	132	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	20.015	0.09000	20.116	0.30857	0.15248	132	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	20.030	0.02000	20.116	0.30857	0.15248	132	-0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	20.030	0.02000	20.116	0.30857	0.15248	132	-0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	20.035	0.17000	20.116	0.30857	0.15248	132	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2018	20.035	0.21000	20.116	0.30857	0.15248	132	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	20.050	0.10000	20.116	0.30857	0.15248	132	-0.21	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	20.050	0.10000	20.116	0.30857	0.15248	132	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	20.050	0.10000	20.116	0.30857	0.15248	132	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	20.050	0.10000	20.116	0.30857	0.15248	132	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	20.070	0.00000	20.116	0.30857	0.15248	132	-0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	20.075	0.17000	20.116	0.30857	0.15248	132	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	20.100	0.20000	20.116	0.30857	0.15248	132	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	20.100	0.00000	20.116	0.30857	0.15248	132	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	20.100	0.14000	20.116	0.30857	0.15248	132	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0960	20.100	0.18000	20.116	0.30857	0.15248	132	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	20.105	0.17000	20.116	0.30857	0.15248	132	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	20.105	0.25400	20.116	0.30857	0.15248	132	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	20.110	0.06000	20.116	0.30857	0.15248	132	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	20.110	0.16000	20.116	0.30857	0.15248	132	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	20.115	0.35000	20.116	0.30857	0.15248	132	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	20.130	0.18000	20.116	0.30857	0.15248	132	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	20.135	0.13000	20.116	0.30857	0.15248	132	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	20.150	0.10000	20.116	0.30857	0.15248	132	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	20.166	0.17630	20.116	0.30857	0.15248	132	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	20.185	0.01000	20.116	0.30857	0.15248	132	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	20.195	0.41000	20.116	0.30857	0.15248	132	0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2003	20.205	0.07000	20.116	0.30857	0.15248	132	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	20.218	0.46850	20.116	0.30857	0.15248	132	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	20.220	0.04000	20.116	0.30857	0.15248	132	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	20.230	0.07900	20.116	0.30857	0.15248	132	0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	20.230	0.26000	20.116	0.30857	0.15248	132	0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	20.235	0.01000	20.116	0.30857	0.15248	132	0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	20.235	0.01140	20.116	0.30857	0.15248	132	0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	20.240	0.50000	20.116	0.30857	0.15248	132	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	20.250	0.30000	20.116	0.30857	0.15248	132	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	20.250	0.04000	20.116	0.30857	0.15248	132	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	20.250	0.10000	20.116	0.30857	0.15248	132	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	20.250	0.30000	20.116	0.30857	0.15248	132	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	20.255	0.25000	20.116	0.30857	0.15248	132	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	20.255	0.07000	20.116	0.30857	0.15248	132	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	20.260	0.02000	20.116	0.30857	0.15248	132	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0958	20.260	0.16000	20.116	0.30857	0.15248	132	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	20.263	0.16500	20.116	0.30857	0.15248	132	0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	20.265	0.45000	20.116	0.30857	0.15248	132	0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	20.274	0.25400	20.116	0.30857	0.15248	132	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	20.275	0.11000	20.116	0.30857	0.15248	132	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	20.285	0.27000	20.116	0.30857	0.15248	132	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	20.285	0.05000	20.116	0.30857	0.15248	132	0.55	0%	0

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	20.285	0.11000	20.116	0.30857	0.15248	132	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0546	20.286	0.00000	20.116	0.30857	0.15248	132	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	20.290	0.06000	20.116	0.30857	0.15248	132	0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0123	20.295	0.01000	20.116	0.30857	0.15248	132	0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	20.295	0.07000	20.116	0.30857	0.15248	132	0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	20.300	0.20000	20.116	0.30857	0.15248	132	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	20.300	0.20000	20.116	0.30857	0.15248	132	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	20.307	0.00100	20.116	0.30857	0.15248	132	0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	20.320	0.06000	20.116	0.30857	0.15248	132	0.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	20.325	0.01000	20.116	0.30857	0.15248	132	0.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	20.345	0.11000	20.116	0.30857	0.15248	132	0.74	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	20.360	0.02000	20.116	0.30857	0.15248	132	0.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0961	20.365	0.01000	20.116	0.30857	0.15248	132	0.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	20.370	0.08000	20.116	0.30857	0.15248	132	0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	20.380	0.04000	20.116	0.30857	0.15248	132	0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	20.390	0.18000	20.116	0.30857	0.15248	132	0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	20.410	0.12000	20.116	0.30857	0.15248	132	0.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2016	20.420	0.14000	20.116	0.30857	0.15248	132	0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	20.440	0.08000	20.116	0.30857	0.15248	132	1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	20.450	0.18000	20.116	0.30857	0.15248	132	1.08	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	20.475	0.07000	20.116	0.30857	0.15248	132	1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	20.480	0.00000	20.116	0.30857	0.15248	132	1.18	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	20.480	0.14000	20.116	0.30857	0.15248	132	1.18	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	20.520	0.10000	20.116	0.30857	0.15248	132	1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	20.525	0.01000	20.116	0.30857	0.15248	132	1.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	20.557	0.03100	20.116	0.30857	0.15248	132	1.43	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	20.575	0.15000	20.116	0.30857	0.15248	132	1.49	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	20.599	0.03300	20.116	0.30857	0.15248	132	1.56	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	20.700	0.00000	20.116	0.30857	0.15248	132	1.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0178	20.755	0.53000	20.116	0.30857	0.15248	132	2.07	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	20.775	0.49000	20.116	0.30857	0.15248	132	2.14	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0039	20.816	0.01330	20.116	0.30857	0.15248	132	2.27	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2095	20.855	0.21000	20.116	0.30857	0.15248	132	2.40	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	20.865	0.25000	20.116	0.30857	0.15248	132	2.43	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	20.865	0.45000	20.116	0.30857	0.15248	132	2.43	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	21.125	0.55000	20.116	0.30857	0.15248	132	3.27	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	21.920	0.12000	20.116	0.30857	0.15248	132	5.85	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	19.510	1.0200	20.116	0.30857	0.15248	132	-1.96	2%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0160	19.895	0.83000	20.116	0.30857	0.15248	132	-0.72	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	20.495	0.75000	20.116	0.30857	0.15248	132	1.23	1%	1
002.08	Protein, Cu/Ti (%)	0563	19.553	0.05520	19.836	0.44590	0.05507	3	-0.63	1%	0
002.08	Protein, Cu/Ti (%)	0098	19.605	0.01000	19.836	0.44590	0.05507	3	-0.52	1%	0

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002.08	Protein, Cu/Ti (%)	0208	20.350	0.10000	19.836	0.44590	0.05507	3	1.15	1%	0
002.10	Protein, Block dig/distillation (%)	2058	19.270	0.00000			0.01000	2	-0.71	1%	0
002.10	Protein, Block dig/distillation (%)	0629	19.920	0.02000			0.01000	2	0.71	1%	0
002.11	Protein, NIR (%)	0852	19.510	0.02000	20.443	0.72716	0.12383	6	-1.28	2%	0
002.11	Protein, NIR (%)	0885	19.757	0.12300	20.443	0.72716	0.12383	6	-0.94	2%	0
002.11	Protein, NIR (%)	0720	20.500	0.02000	20.443	0.72716	0.12383	6	0.08	0%	0
002.11	Protein, NIR (%)	0613	20.700	0.24000	20.443	0.72716	0.12383	6	0.35	1%	0
002.11	Protein, NIR (%)	2036	20.825	0.11000	20.443	0.72716	0.12383	6	0.53	1%	0
002.11	Protein, NIR (%)	0889	21.265	0.23000	20.443	0.72716	0.12383	6	1.13	2%	0
002.11	Protein, NIR (%)	0553	20.125	0.81000	20.443	0.72716	0.12383	6	-0.44	1%	1
002.99	Protein, Miscellaneous (%)	2105	16.500	0.22000	18.739	1.6680	0.18750	4	-1.34	6%	0
002.99	Protein, Miscellaneous (%)	0681	18.445	0.23000	18.739	1.6680	0.18750	4	-0.18	1%	0
002.99	Protein, Miscellaneous (%)	0643	19.860	0.20000	18.739	1.6680	0.18750	4	0.67	3%	0
002.99	Protein, Miscellaneous (%)	2004	20.150	0.10000	18.739	1.6680	0.18750	4	0.85	4%	0
003.00	Fat, Eth Ext., Direct (%)	0885	3.2962	0.03020	3.8279	0.32065	0.12900	14	-1.66	7%	0
003.00	Fat, Eth Ext., Direct (%)	2106	3.4900	0.06000	3.8279	0.32065	0.12900	14	-1.05	4%	0
003.00	Fat, Eth Ext., Direct (%)	0026	3.5600	0.00000	3.8279	0.32065	0.12900	14	-0.84	3%	0
003.00	Fat, Eth Ext., Direct (%)	0884	3.6500	0.10000	3.8279	0.32065	0.12900	14	-0.55	2%	0
003.00	Fat, Eth Ext., Direct (%)	0876	3.6550	0.17000	3.8279	0.32065	0.12900	14	-0.54	2%	0
003.00	Fat, Eth Ext., Direct (%)	0142	3.7350	0.05000	3.8279	0.32065	0.12900	14	-0.29	1%	0
003.00	Fat, Eth Ext., Direct (%)	0615	3.7700	0.34000	3.8279	0.32065	0.12900	14	-0.18	1%	0
003.00	Fat, Eth Ext., Direct (%)	0175	3.7850	0.05000	3.8279	0.32065	0.12900	14	-0.13	1%	0
003.00	Fat, Eth Ext., Direct (%)	2053	3.9050	0.03000	3.8279	0.32065	0.12900	14	0.24	1%	0
003.00	Fat, Eth Ext., Direct (%)	0939	3.9950	0.27000	3.8279	0.32065	0.12900	14	0.52	2%	0
003.00	Fat, Eth Ext., Direct (%)	0035	4.0550	0.47000	3.8279	0.32065	0.12900	14	0.71	3%	0
003.00	Fat, Eth Ext., Direct (%)	0309	4.1204	0.11580	3.8279	0.32065	0.12900	14	0.91	4%	0
003.00	Fat, Eth Ext., Direct (%)	0354	4.3850	0.05000	3.8279	0.32065	0.12900	14	1.74	7%	0
003.00	Fat, Eth Ext., Direct (%)	2058	4.6350	0.07000	3.8279	0.32065	0.12900	14	2.52	11%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	3.5700	0.12760			0.95380	2	-0.71	5%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	4.3700	1.7800			0.95380	2	0.71	5%	0
003.06	Fat, Pet Ether (%)	0651	3.1720	0.02200	3.5845	0.18873	0.05806	18	-2.19	6%	0
003.06	Fat, Pet Ether (%)	0294	3.2800	0.08000	3.5845	0.18873	0.05806	18	-1.61	4%	0
003.06	Fat, Pet Ether (%)	0849	3.3810	0.03800	3.5845	0.18873	0.05806	18	-1.08	3%	0
003.06	Fat, Pet Ether (%)	0164	3.4950	0.11000	3.5845	0.18873	0.05806	18	-0.47	1%	0
003.06	Fat, Pet Ether (%)	0682	3.5100	0.00000	3.5845	0.18873	0.05806	18	-0.39	1%	0
003.06	Fat, Pet Ether (%)	0300	3.5115	0.00500	3.5845	0.18873	0.05806	18	-0.39	1%	0
003.06	Fat, Pet Ether (%)	0425	3.5150	0.03000	3.5845	0.18873	0.05806	18	-0.37	1%	0
003.06	Fat, Pet Ether (%)	0148	3.5350	0.15000	3.5845	0.18873	0.05806	18	-0.26	1%	0
003.06	Fat, Pet Ether (%)	0687	3.5450	0.11000	3.5845	0.18873	0.05806	18	-0.21	1%	0
003.06	Fat, Pet Ether (%)	0689	3.5500	0.10000	3.5845	0.18873	0.05806	18	-0.18	0%	0
003.06	Fat, Pet Ether (%)	2091	3.5800	0.10000	3.5845	0.18873	0.05806	18	-0.02	0%	0
003.06	Fat, Pet Ether (%)	2086	3.6600	0.00000	3.5845	0.18873	0.05806	18	0.40	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			
003.06	Fat, Pet Ether (%)	0511	3.7200	0.02000	3.5845	0.18873	0.05806	18	0.72	2%	0
003.06	Fat, Pet Ether (%)	0910	3.7200	0.00000	3.5845	0.18873	0.05806	18	0.72	2%	0
003.06	Fat, Pet Ether (%)	0852	3.7350	0.05000	3.5845	0.18873	0.05806	18	0.80	2%	0
003.06	Fat, Pet Ether (%)	0918	3.7450	0.05000	3.5845	0.18873	0.05806	18	0.85	2%	0
003.06	Fat, Pet Ether (%)	0083	3.9150	0.09000	3.5845	0.18873	0.05806	18	1.75	5%	0
003.06	Fat, Pet Ether (%)	0074	4.2050	0.09000	3.5845	0.18873	0.05806	18	3.29	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	3.3100	0.02000	3.7660	0.13143	0.05610	20	-3.47	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	3.5000	0.20000	3.7660	0.13143	0.05610	20	-2.02	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	3.5950	0.07000	3.7660	0.13143	0.05610	20	-1.30	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	3.6700	0.00000	3.7660	0.13143	0.05610	20	-0.73	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	3.6900	0.02000	3.7660	0.13143	0.05610	20	-0.58	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0653	3.6900	0.06000	3.7660	0.13143	0.05610	20	-0.58	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	3.7000	0.00000	3.7660	0.13143	0.05610	20	-0.50	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	3.7050	0.01000	3.7660	0.13143	0.05610	20	-0.46	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	3.7350	0.03000	3.7660	0.13143	0.05610	20	-0.24	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	3.7450	0.05000	3.7660	0.13143	0.05610	20	-0.16	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	3.7650	0.05000	3.7660	0.13143	0.05610	20	-0.01	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	3.7850	0.01000	3.7660	0.13143	0.05610	20	0.14	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	3.7850	0.03000	3.7660	0.13143	0.05610	20	0.14	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	3.8150	0.01000	3.7660	0.13143	0.05610	20	0.37	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	3.8550	0.09000	3.7660	0.13143	0.05610	20	0.68	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	3.9450	0.01000	3.7660	0.13143	0.05610	20	1.36	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	3.9500	0.10000	3.7660	0.13143	0.05610	20	1.40	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0968	3.9590	0.08200	3.7660	0.13143	0.05610	20	1.47	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	4.0200	0.18000	3.7660	0.13143	0.05610	20	1.93	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	4.2500	0.10000	3.7660	0.13143	0.05610	20	3.68	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	3.4100	0.30000	3.7660	0.13143	0.05610	20	-2.71	5%	1
003.10	Fat, Soxtec, Pet Ether (%)	0619	2.9400	0.00000	3.3573	0.14318	0.10265	34	-2.91	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	3.0595	0.41500	3.3573	0.14318	0.10265	34	-2.08	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	3.0900	0.02000	3.3573	0.14318	0.10265	34	-1.87	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	2089	3.1500	0.08000	3.3573	0.14318	0.10265	34	-1.45	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	3.2350	0.09000	3.3573	0.14318	0.10265	34	-0.85	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	3.2350	0.01000	3.3573	0.14318	0.10265	34	-0.85	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	3.2600	0.00000	3.3573	0.14318	0.10265	34	-0.68	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	3.2650	0.07000	3.3573	0.14318	0.10265	34	-0.64	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0178	3.2700	0.08000	3.3573	0.14318	0.10265	34	-0.61	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	3.2800	0.02000	3.3573	0.14318	0.10265	34	-0.54	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	3.2900	0.04000	3.3573	0.14318	0.10265	34	-0.47	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	3.2950	0.05000	3.3573	0.14318	0.10265	34	-0.44	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	3.3000	0.00000	3.3573	0.14318	0.10265	34	-0.40	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	3.3050	0.03000	3.3573	0.14318	0.10265	34	-0.37	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2067	3.3175	0.11700	3.3573	0.14318	0.10265	34	-0.28	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	
003.10	Fat, Soxtec, Pet Ether (%)	0728	3.3200	0.02000	3.3573	0.14318	0.10265	34	-0.26	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	3.3300	0.10000	3.3573	0.14318	0.10265	34	-0.19	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	3.3450	0.07000	3.3573	0.14318	0.10265	34	-0.09	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	3.3690	0.47800	3.3573	0.14318	0.10265	34	0.08	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	3.3800	0.10000	3.3573	0.14318	0.10265	34	0.16	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0896	3.3850	0.01000	3.3573	0.14318	0.10265	34	0.19	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	3.3900	0.28000	3.3573	0.14318	0.10265	34	0.23	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	3.4039	0.09660	3.3573	0.14318	0.10265	34	0.33	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0695	3.4335	0.12700	3.3573	0.14318	0.10265	34	0.53	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	3.4500	0.10000	3.3573	0.14318	0.10265	34	0.65	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	3.5000	0.02000	3.3573	0.14318	0.10265	34	1.00	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	3.5000	0.04000	3.3573	0.14318	0.10265	34	1.00	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2011	3.5250	0.15000	3.3573	0.14318	0.10265	34	1.17	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0623	3.5295	0.20500	3.3573	0.14318	0.10265	34	1.20	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	3.5500	0.36000	3.3573	0.14318	0.10265	34	1.35	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	3.5500	0.22000	3.3573	0.14318	0.10265	34	1.35	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2093	3.5655	0.02320	3.3573	0.14318	0.10265	34	1.45	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2003	3.5932	0.01830	3.3573	0.14318	0.10265	34	1.65	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	2018	3.6250	0.05000	3.3573	0.14318	0.10265	34	1.87	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	4.8450	0.65000	3.3573	0.14318	0.10265	34	10.39	22%	2
003.11	Fat, NIR (%)	0553	3.2800	0.08000	3.5664	0.31600	0.05310	7	-0.91	4%	0
003.11	Fat, NIR (%)	0613	3.2950	0.03000	3.5664	0.31600	0.05310	7	-0.86	4%	0
003.11	Fat, NIR (%)	0720	3.3750	0.01000	3.5664	0.31600	0.05310	7	-0.61	3%	0
003.11	Fat, NIR (%)	0889	3.4900	0.02000	3.5664	0.31600	0.05310	7	-0.24	1%	0
003.11	Fat, NIR (%)	0885	3.6774	0.01170	3.5664	0.31600	0.05310	7	0.35	2%	0
003.11	Fat, NIR (%)	2036	4.4650	0.05000	3.5664	0.31600	0.05310	7	2.84	13%	0
003.11	Fat, NIR (%)	0852	4.4750	0.17000	3.5664	0.31600	0.05310	7	2.88	13%	0
003.12	Fat, Hexane Ext (%)	0903	3.3250	0.01000	3.4786	0.14940	0.01714	7	-1.03	2%	0
003.12	Fat, Hexane Ext (%)	0895	3.3550	0.01000	3.4786	0.14940	0.01714	7	-0.83	2%	0
003.12	Fat, Hexane Ext (%)	0900	3.4050	0.01000	3.4786	0.14940	0.01714	7	-0.49	1%	0
003.12	Fat, Hexane Ext (%)	0934	3.4450	0.03000	3.4786	0.14940	0.01714	7	-0.22	0%	0
003.12	Fat, Hexane Ext (%)	0897	3.5550	0.01000	3.4786	0.14940	0.01714	7	0.51	1%	0
003.12	Fat, Hexane Ext (%)	0893	3.5800	0.02000	3.4786	0.14940	0.01714	7	0.68	1%	0
003.12	Fat, Hexane Ext (%)	0171	3.6850	0.03000	3.4786	0.14940	0.01714	7	1.38	3%	0
003.12	Fat, Hexane Ext (%)	0940	2.8650	0.19000	3.4786	0.14940	0.01714	7	-4.11	9%	1
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	2.9550	0.05000	3.5141	0.15988	0.03509	11	-3.50	8%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	3.3750	0.07000	3.5141	0.15988	0.03509	11	-0.87	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	3.4350	0.01000	3.5141	0.15988	0.03509	11	-0.49	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	3.4400	0.02000	3.5141	0.15988	0.03509	11	-0.46	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	3.4600	0.02000	3.5141	0.15988	0.03509	11	-0.34	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	3.4750	0.01000	3.5141	0.15988	0.03509	11	-0.24	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	3.5200	0.10000	3.5141	0.15988	0.03509	11	0.04	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	3.5835	0.02100	3.5141	0.15988	0.03509	11	0.43	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0681	3.7200	0.04000	3.5141	0.15988	0.03509	11	1.29	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	3.8750	0.03000	3.5141	0.15988	0.03509	11	2.26	5%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2048	3.9055	0.01500	3.5141	0.15988	0.03509	11	2.45	6%	0
003.14	Fat, Ankom (%)	2075	2.0300	0.26000	3.5638	0.29395	0.15282	39	-5.22	22%	0
003.14	Fat, Ankom (%)	2023	2.9300	0.02000	3.5638	0.29395	0.15282	39	-2.16	9%	0
003.14	Fat, Ankom (%)	0574	3.0350	0.61000	3.5638	0.29395	0.15282	39	-1.80	7%	0
003.14	Fat, Ankom (%)	0912	3.1150	0.23000	3.5638	0.29395	0.15282	39	-1.53	6%	0
003.14	Fat, Ankom (%)	0613	3.2900	0.00000	3.5638	0.29395	0.15282	39	-0.93	4%	0
003.14	Fat, Ankom (%)	0265	3.3050	0.37000	3.5638	0.29395	0.15282	39	-0.88	4%	0
003.14	Fat, Ankom (%)	0529	3.3300	0.08000	3.5638	0.29395	0.15282	39	-0.80	3%	0
003.14	Fat, Ankom (%)	0019	3.3550	0.21000	3.5638	0.29395	0.15282	39	-0.71	3%	0
003.14	Fat, Ankom (%)	0581	3.3600	0.10000	3.5638	0.29395	0.15282	39	-0.69	3%	0
003.14	Fat, Ankom (%)	0066	3.3700	0.14000	3.5638	0.29395	0.15282	39	-0.66	3%	0
003.14	Fat, Ankom (%)	0278	3.4000	0.00000	3.5638	0.29395	0.15282	39	-0.56	2%	0
003.14	Fat, Ankom (%)	0598	3.4000	0.12000	3.5638	0.29395	0.15282	39	-0.56	2%	0
003.14	Fat, Ankom (%)	0144	3.4200	0.16000	3.5638	0.29395	0.15282	39	-0.49	2%	0
003.14	Fat, Ankom (%)	0108	3.4350	0.49000	3.5638	0.29395	0.15282	39	-0.44	2%	0
003.14	Fat, Ankom (%)	0202	3.4350	0.01000	3.5638	0.29395	0.15282	39	-0.44	2%	0
003.14	Fat, Ankom (%)	0175	3.4500	0.14000	3.5638	0.29395	0.15282	39	-0.39	2%	0
003.14	Fat, Ankom (%)	0034	3.4600	0.08000	3.5638	0.29395	0.15282	39	-0.35	1%	0
003.14	Fat, Ankom (%)	0683	3.4700	0.36000	3.5638	0.29395	0.15282	39	-0.32	1%	0
003.14	Fat, Ankom (%)	0407	3.4844	0.00350	3.5638	0.29395	0.15282	39	-0.27	1%	0
003.14	Fat, Ankom (%)	0956	3.5500	0.30000	3.5638	0.29395	0.15282	39	-0.05	0%	0
003.14	Fat, Ankom (%)	0948	3.5600	0.02000	3.5638	0.29395	0.15282	39	-0.01	0%	0
003.14	Fat, Ankom (%)	0843	3.5850	0.23000	3.5638	0.29395	0.15282	39	0.07	0%	0
003.14	Fat, Ankom (%)	0357	3.6000	0.20000	3.5638	0.29395	0.15282	39	0.12	1%	0
003.14	Fat, Ankom (%)	0619	3.6200	0.00000	3.5638	0.29395	0.15282	39	0.19	1%	0
003.14	Fat, Ankom (%)	0009	3.6450	0.05000	3.5638	0.29395	0.15282	39	0.28	1%	0
003.14	Fat, Ankom (%)	0001	3.7090	0.08800	3.5638	0.29395	0.15282	39	0.49	2%	0
003.14	Fat, Ankom (%)	0089	3.7450	0.01000	3.5638	0.29395	0.15282	39	0.62	3%	0
003.14	Fat, Ankom (%)	0848	3.7550	0.01000	3.5638	0.29395	0.15282	39	0.65	3%	0
003.14	Fat, Ankom (%)	0358	3.7750	0.05000	3.5638	0.29395	0.15282	39	0.72	3%	0
003.14	Fat, Ankom (%)	0955	3.8150	0.01000	3.5638	0.29395	0.15282	39	0.85	4%	0
003.14	Fat, Ankom (%)	0937	3.8200	0.06000	3.5638	0.29395	0.15282	39	0.87	4%	0
003.14	Fat, Ankom (%)	0049	3.8350	0.63000	3.5638	0.29395	0.15282	39	0.92	4%	0
003.14	Fat, Ankom (%)	0229	3.8500	0.22000	3.5638	0.29395	0.15282	39	0.97	4%	0
003.14	Fat, Ankom (%)	0413	3.9000	0.20000	3.5638	0.29395	0.15282	39	1.14	5%	0
003.14	Fat, Ankom (%)	0015	3.9000	0.14000	3.5638	0.29395	0.15282	39	1.14	5%	0
003.14	Fat, Ankom (%)	0183	3.9155	0.25850	3.5638	0.29395	0.15282	39	1.20	5%	0
003.14	Fat, Ankom (%)	0726	4.0100	0.02000	3.5638	0.29395	0.15282	39	1.52	6%	0
003.14	Fat, Ankom (%)	0190	4.0500	0.02000	3.5638	0.29395	0.15282	39	1.65	7%	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 (%)	0004	4.0900	0.06000	3.5638	0.29395	0.15282	39	1.79	7%	0
003.14	Fat, Ankom (%)	0520	3.2400	0.90000	3.5638	0.29395	0.15282	39	-1.10	5%	1
003.99	Fat, Miscellaneous (%)	0546	2.7150	0.15000	4.1000	1.6878	0.30000	3	-0.82	17%	0
003.99	Fat, Miscellaneous (%)	0047	3.6050	0.01000	4.1000	1.6878	0.30000	3	-0.29	6%	0
003.99	Fat, Miscellaneous (%)	1019	5.9800	0.74000	4.1000	1.6878	0.30000	3	1.11	23%	0
003.99	Fat, Miscellaneous (%)	0880	0.00000	0.00000	4.1000	1.6878	0.30000	3	-2.43	50%	4
004.00	Fiber, Crude, Asbestos Free (%)	0681	11.500	0.34000	13.148	0.65072	0.28567	23	-2.53	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	11.800	0.40000	13.148	0.65072	0.28567	23	-2.07	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2023	12.140	0.06000	13.148	0.65072	0.28567	23	-1.55	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	12.700	0.20000	13.148	0.65072	0.28567	23	-0.69	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0353	12.710	0.10000	13.148	0.65072	0.28567	23	-0.67	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	12.720	0.44000	13.148	0.65072	0.28567	23	-0.66	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	12.750	0.10000	13.148	0.65072	0.28567	23	-0.61	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	12.800	0.20000	13.148	0.65072	0.28567	23	-0.54	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	12.890	0.08000	13.148	0.65072	0.28567	23	-0.40	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2011	13.030	0.20000	13.148	0.65072	0.28567	23	-0.18	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	13.100	0.00000	13.148	0.65072	0.28567	23	-0.07	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	13.130	0.02000	13.148	0.65072	0.28567	23	-0.03	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	13.165	0.07000	13.148	0.65072	0.28567	23	0.03	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	13.225	0.29000	13.148	0.65072	0.28567	23	0.12	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0695	13.290	0.90000	13.148	0.65072	0.28567	23	0.22	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	13.470	0.38000	13.148	0.65072	0.28567	23	0.49	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	13.489	0.26350	13.148	0.65072	0.28567	23	0.52	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	13.562	0.92700	13.148	0.65072	0.28567	23	0.63	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	13.650	0.50000	13.148	0.65072	0.28567	23	0.77	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	13.950	0.10000	13.148	0.65072	0.28567	23	1.23	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	14.065	0.07000	13.148	0.65072	0.28567	23	1.41	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0876	14.150	0.50000	13.148	0.65072	0.28567	23	1.54	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0943	14.755	0.43000	13.148	0.65072	0.28567	23	2.47	6%	0
004.01	Fiber, Sing Filt (%)	0045	12.665	0.43000			0.61500	2	-0.71	1%	0
004.01	Fiber, Sing Filt (%)	0366	13.100	0.80000			0.61500	2	0.71	1%	0
004.03	Fiber, Fritted Glass (%)	2089	8.8900	0.20000	13.516	1.1245	0.32648	6	-4.11	17%	0
004.03	Fiber, Fritted Glass (%)	2058	12.090	0.06000	13.516	1.1245	0.32648	6	-1.27	5%	0
004.03	Fiber, Fritted Glass (%)	2068	13.300	0.16000	13.516	1.1245	0.32648	6	-0.19	1%	0
004.03	Fiber, Fritted Glass (%)	0685	14.255	0.19000	13.516	1.1245	0.32648	6	0.66	3%	0
004.03	Fiber, Fritted Glass (%)	0693	14.400	0.93890	13.516	1.1245	0.32648	6	0.79	3%	0
004.03	Fiber, Fritted Glass (%)	0626	14.435	0.41000	13.516	1.1245	0.32648	6	0.82	3%	0
004.06	Fiber, Fibertec (%)	0895	9.4900	0.02000	12.990	0.60754	0.12121	34	-5.76	13%	0
004.06	Fiber, Fibertec (%)	0893	11.570	0.02000	12.990	0.60754	0.12121	34	-2.34	5%	0
004.06	Fiber, Fibertec (%)	0900	12.090	0.02000	12.990	0.60754	0.12121	34	-1.48	3%	0
004.06	Fiber, Fibertec (%)	0038	12.315	0.13000	12.990	0.60754	0.12121	34	-1.11	3%	0
004.06	Fiber, Fibertec (%)	0897	12.375	0.03000	12.990	0.60754	0.12121	34	-1.01	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	
004.06	Fiber, Fibertec (%)	0098	12.495	0.07000	12.990	0.60754	0.12121	34	-0.81	2%	0
004.06	Fiber, Fibertec (%)	2022	12.505	0.05000	12.990	0.60754	0.12121	34	-0.80	2%	0
004.06	Fiber, Fibertec (%)	0720	12.545	0.13000	12.990	0.60754	0.12121	34	-0.73	2%	0
004.06	Fiber, Fibertec (%)	0590	12.555	0.17000	12.990	0.60754	0.12121	34	-0.72	2%	0
004.06	Fiber, Fibertec (%)	0885	12.567	0.08720	12.990	0.60754	0.12121	34	-0.70	2%	0
004.06	Fiber, Fibertec (%)	0674	12.610	0.00000	12.990	0.60754	0.12121	34	-0.63	1%	0
004.06	Fiber, Fibertec (%)	0860	12.629	0.00000	12.990	0.60754	0.12121	34	-0.59	1%	0
004.06	Fiber, Fibertec (%)	0941	12.655	0.11000	12.990	0.60754	0.12121	34	-0.55	1%	0
004.06	Fiber, Fibertec (%)	0205	12.800	0.00000	12.990	0.60754	0.12121	34	-0.31	1%	0
004.06	Fiber, Fibertec (%)	0653	12.820	0.06000	12.990	0.60754	0.12121	34	-0.28	1%	0
004.06	Fiber, Fibertec (%)	0918	12.820	0.44000	12.990	0.60754	0.12121	34	-0.28	1%	0
004.06	Fiber, Fibertec (%)	2006	12.950	0.14000	12.990	0.60754	0.12121	34	-0.07	0%	0
004.06	Fiber, Fibertec (%)	0027	13.140	0.28000	12.990	0.60754	0.12121	34	0.25	1%	0
004.06	Fiber, Fibertec (%)	0948	13.180	0.08000	12.990	0.60754	0.12121	34	0.31	1%	0
004.06	Fiber, Fibertec (%)	2067	13.215	0.00100	12.990	0.60754	0.12121	34	0.37	1%	0
004.06	Fiber, Fibertec (%)	0676	13.225	0.25000	12.990	0.60754	0.12121	34	0.39	1%	0
004.06	Fiber, Fibertec (%)	0728	13.240	0.36000	12.990	0.60754	0.12121	34	0.41	1%	0
004.06	Fiber, Fibertec (%)	0968	13.313	0.07600	12.990	0.60754	0.12121	34	0.53	1%	0
004.06	Fiber, Fibertec (%)	2093	13.397	0.00680	12.990	0.60754	0.12121	34	0.67	2%	0
004.06	Fiber, Fibertec (%)	0964	13.405	0.31000	12.990	0.60754	0.12121	34	0.68	2%	0
004.06	Fiber, Fibertec (%)	0723	13.440	0.00000	12.990	0.60754	0.12121	34	0.74	2%	0
004.06	Fiber, Fibertec (%)	0689	13.450	0.30000	12.990	0.60754	0.12121	34	0.76	2%	0
004.06	Fiber, Fibertec (%)	2086	13.485	0.01000	12.990	0.60754	0.12121	34	0.81	2%	0
004.06	Fiber, Fibertec (%)	0934	13.495	0.03000	12.990	0.60754	0.12121	34	0.83	2%	0
004.06	Fiber, Fibertec (%)	0675	13.525	0.27000	12.990	0.60754	0.12121	34	0.88	2%	0
004.06	Fiber, Fibertec (%)	0952	13.650	0.36000	12.990	0.60754	0.12121	34	1.09	3%	0
004.06	Fiber, Fibertec (%)	0868	13.810	0.06000	12.990	0.60754	0.12121	34	1.35	3%	0
004.06	Fiber, Fibertec (%)	0609	14.120	0.04000	12.990	0.60754	0.12121	34	1.86	4%	0
004.06	Fiber, Fibertec (%)	2091	14.335	0.21000	12.990	0.60754	0.12121	34	2.21	5%	0
004.07	Fiber, ANKOM (%)	0265	9.5750	0.47000	12.777	0.60489	0.24566	59	-5.29	13%	0
004.07	Fiber, ANKOM (%)	2012	11.185	0.33000	12.777	0.60489	0.24566	59	-2.63	6%	0
004.07	Fiber, ANKOM (%)	0019	11.475	0.05000	12.777	0.60489	0.24566	59	-2.15	5%	0
004.07	Fiber, ANKOM (%)	0123	11.550	0.04000	12.777	0.60489	0.24566	59	-2.03	5%	0
004.07	Fiber, ANKOM (%)	0553	11.785	0.41000	12.777	0.60489	0.24566	59	-1.64	4%	0
004.07	Fiber, ANKOM (%)	0683	11.790	0.76000	12.777	0.60489	0.24566	59	-1.63	4%	0
004.07	Fiber, ANKOM (%)	0066	11.920	0.18000	12.777	0.60489	0.24566	59	-1.42	3%	0
004.07	Fiber, ANKOM (%)	2018	12.045	0.21000	12.777	0.60489	0.24566	59	-1.21	3%	0
004.07	Fiber, ANKOM (%)	0520	12.210	0.00000	12.777	0.60489	0.24566	59	-0.94	2%	0
004.07	Fiber, ANKOM (%)	0190	12.250	0.10000	12.777	0.60489	0.24566	59	-0.87	2%	0
004.07	Fiber, ANKOM (%)	0726	12.250	0.10000	12.777	0.60489	0.24566	59	-0.87	2%	0
004.07	Fiber, ANKOM (%)	0413	12.300	0.20000	12.777	0.60489	0.24566	59	-0.79	2%	0
004.07	Fiber, ANKOM (%)	0144	12.325	0.01000	12.777	0.60489	0.24566	59	-0.75	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	
004.07	Fiber, ANKOM (%)	0202	12.375	0.13000	12.777	0.60489	0.24566	59	-0.66	2%	0
004.07	Fiber, ANKOM (%)	0646	12.390	0.12000	12.777	0.60489	0.24566	59	-0.64	2%	0
004.07	Fiber, ANKOM (%)	0278	12.400	0.00000	12.777	0.60489	0.24566	59	-0.62	1%	0
004.07	Fiber, ANKOM (%)	0563	12.413	0.06070	12.777	0.60489	0.24566	59	-0.60	1%	0
004.07	Fiber, ANKOM (%)	0510	12.450	0.10000	12.777	0.60489	0.24566	59	-0.54	1%	0
004.07	Fiber, ANKOM (%)	0848	12.455	0.11000	12.777	0.60489	0.24566	59	-0.53	1%	0
004.07	Fiber, ANKOM (%)	0870	12.465	0.11210	12.777	0.60489	0.24566	59	-0.52	1%	0
004.07	Fiber, ANKOM (%)	0910	12.500	0.20000	12.777	0.60489	0.24566	59	-0.46	1%	0
004.07	Fiber, ANKOM (%)	0956	12.500	0.60000	12.777	0.60489	0.24566	59	-0.46	1%	0
004.07	Fiber, ANKOM (%)	0004	12.590	0.32000	12.777	0.60489	0.24566	59	-0.31	1%	0
004.07	Fiber, ANKOM (%)	0505	12.600	0.02000	12.777	0.60489	0.24566	59	-0.29	1%	0
004.07	Fiber, ANKOM (%)	0619	12.600	0.60000	12.777	0.60489	0.24566	59	-0.29	1%	0
004.07	Fiber, ANKOM (%)	0849	12.600	0.06000	12.777	0.60489	0.24566	59	-0.29	1%	0
004.07	Fiber, ANKOM (%)	0100	12.650	0.54000	12.777	0.60489	0.24566	59	-0.21	0%	0
004.07	Fiber, ANKOM (%)	0598	12.685	0.47000	12.777	0.60489	0.24566	59	-0.15	0%	0
004.07	Fiber, ANKOM (%)	0529	12.740	0.08000	12.777	0.60489	0.24566	59	-0.06	0%	0
004.07	Fiber, ANKOM (%)	0407	12.782	0.04920	12.777	0.60489	0.24566	59	0.01	0%	0
004.07	Fiber, ANKOM (%)	0581	12.800	0.40000	12.777	0.60489	0.24566	59	0.04	0%	0
004.07	Fiber, ANKOM (%)	0033	12.850	0.10000	12.777	0.60489	0.24566	59	0.12	0%	0
004.07	Fiber, ANKOM (%)	0889	12.855	0.19000	12.777	0.60489	0.24566	59	0.13	0%	0
004.07	Fiber, ANKOM (%)	0354	12.875	0.11000	12.777	0.60489	0.24566	59	0.16	0%	0
004.07	Fiber, ANKOM (%)	0613	12.930	0.10000	12.777	0.60489	0.24566	59	0.25	1%	0
004.07	Fiber, ANKOM (%)	0300	12.965	0.62200	12.777	0.60489	0.24566	59	0.31	1%	0
004.07	Fiber, ANKOM (%)	0098	12.975	0.47000	12.777	0.60489	0.24566	59	0.33	1%	0
004.07	Fiber, ANKOM (%)	0035	12.995	0.63000	12.777	0.60489	0.24566	59	0.36	1%	0
004.07	Fiber, ANKOM (%)	0263	13.007	0.08000	12.777	0.60489	0.24566	59	0.38	1%	0
004.07	Fiber, ANKOM (%)	0643	13.015	0.35000	12.777	0.60489	0.24566	59	0.39	1%	0
004.07	Fiber, ANKOM (%)	0948	13.065	0.17000	12.777	0.60489	0.24566	59	0.48	1%	0
004.07	Fiber, ANKOM (%)	0708	13.100	0.46000	12.777	0.60489	0.24566	59	0.53	1%	0
004.07	Fiber, ANKOM (%)	0083	13.145	0.41000	12.777	0.60489	0.24566	59	0.61	1%	0
004.07	Fiber, ANKOM (%)	0955	13.150	0.30000	12.777	0.60489	0.24566	59	0.62	1%	0
004.07	Fiber, ANKOM (%)	0937	13.155	0.13000	12.777	0.60489	0.24566	59	0.62	1%	0
004.07	Fiber, ANKOM (%)	2053	13.185	0.05000	12.777	0.60489	0.24566	59	0.67	2%	0
004.07	Fiber, ANKOM (%)	0939	13.190	0.56000	12.777	0.60489	0.24566	59	0.68	2%	0
004.07	Fiber, ANKOM (%)	0682	13.200	0.00000	12.777	0.60489	0.24566	59	0.70	2%	0
004.07	Fiber, ANKOM (%)	0294	13.250	0.10000	12.777	0.60489	0.24566	59	0.78	2%	0
004.07	Fiber, ANKOM (%)	0034	13.500	0.60000	12.777	0.60489	0.24566	59	1.20	3%	0
004.07	Fiber, ANKOM (%)	0009	13.555	0.31000	12.777	0.60489	0.24566	59	1.29	3%	0
004.07	Fiber, ANKOM (%)	0074	13.560	0.42000	12.777	0.60489	0.24566	59	1.29	3%	0
004.07	Fiber, ANKOM (%)	0032	13.700	0.20000	12.777	0.60489	0.24566	59	1.53	4%	0
004.07	Fiber, ANKOM (%)	0861	13.725	0.43000	12.777	0.60489	0.24566	59	1.57	4%	0
004.07	Fiber, ANKOM (%)	0178	13.745	0.09000	12.777	0.60489	0.24566	59	1.60	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.07	Fiber, ANKOM (%)	0229	13.800	0.40000	12.777	0.60489	0.24566	59	1.69	4%	0
004.07	Fiber, ANKOM (%)	2075	13.800	0.20000	12.777	0.60489	0.24566	59	1.69	4%	0
004.07	Fiber, ANKOM (%)	0089	14.005	0.01000	12.777	0.60489	0.24566	59	2.03	5%	0
004.07	Fiber, ANKOM (%)	0042	17.215	0.17000	12.777	0.60489	0.24566	59	7.34	17%	0
004.07	Fiber, ANKOM (%)	0003	13.515	1.2100	12.777	0.60489	0.24566	59	1.22	3%	1
004.11	Fiber, NIR (%)	2036	7.9950	0.23000	10.672	2.4323	0.20861	7	-1.10	13%	0
004.11	Fiber, NIR (%)	0885	8.0455	0.08030	10.672	2.4323	0.20861	7	-1.08	12%	0
004.11	Fiber, NIR (%)	0720	9.6500	0.10000	10.672	2.4323	0.20861	7	-0.42	5%	0
004.11	Fiber, NIR (%)	0553	11.175	0.63000	10.672	2.4323	0.20861	7	0.21	2%	0
004.11	Fiber, NIR (%)	0852	12.085	0.13000	10.672	2.4323	0.20861	7	0.58	7%	0
004.11	Fiber, NIR (%)	0889	12.370	0.06000	10.672	2.4323	0.20861	7	0.70	8%	0
004.11	Fiber, NIR (%)	0613	13.385	0.23000	10.672	2.4323	0.20861	7	1.12	13%	0
004.99	Fiber, Miscellaneous (%)	0610	12.700	0.00000			0.05000	2	-0.71	0%	0
004.99	Fiber, Miscellaneous (%)	0629	12.950	0.10000			0.05000	2	0.71	0%	0
005.00	Ash, 2h @ 600°C (%)	0357	3.8500	0.10000	6.5030	0.20009	0.07960	98	-13.26	20%	0
005.00	Ash, 2h @ 600°C (%)	0874	5.6750	0.11000	6.5030	0.20009	0.07960	98	-4.14	6%	0
005.00	Ash, 2h @ 600°C (%)	1019	5.8994	0.05240	6.5030	0.20009	0.07960	98	-3.02	5%	0
005.00	Ash, 2h @ 600°C (%)	0960	5.9300	0.16000	6.5030	0.20009	0.07960	98	-2.86	4%	0
005.00	Ash, 2h @ 600°C (%)	0278	5.9350	0.05000	6.5030	0.20009	0.07960	98	-2.84	4%	0
005.00	Ash, 2h @ 600°C (%)	0169	6.0300	0.04000	6.5030	0.20009	0.07960	98	-2.36	4%	0
005.00	Ash, 2h @ 600°C (%)	2048	6.0675	0.11100	6.5030	0.20009	0.07960	98	-2.18	3%	0
005.00	Ash, 2h @ 600°C (%)	0049	6.0750	0.27000	6.5030	0.20009	0.07960	98	-2.14	3%	0
005.00	Ash, 2h @ 600°C (%)	0957	6.1750	0.01000	6.5030	0.20009	0.07960	98	-1.64	3%	0
005.00	Ash, 2h @ 600°C (%)	0520	6.1900	0.08000	6.5030	0.20009	0.07960	98	-1.56	2%	0
005.00	Ash, 2h @ 600°C (%)	0175	6.2000	0.04000	6.5030	0.20009	0.07960	98	-1.51	2%	0
005.00	Ash, 2h @ 600°C (%)	0358	6.2050	0.29000	6.5030	0.20009	0.07960	98	-1.49	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	6.2250	0.01000	6.5030	0.20009	0.07960	98	-1.39	2%	0
005.00	Ash, 2h @ 600°C (%)	0015	6.2300	0.02000	6.5030	0.20009	0.07960	98	-1.36	2%	0
005.00	Ash, 2h @ 600°C (%)	0123	6.2300	0.02000	6.5030	0.20009	0.07960	98	-1.36	2%	0
005.00	Ash, 2h @ 600°C (%)	0042	6.2400	0.14000	6.5030	0.20009	0.07960	98	-1.31	2%	0
005.00	Ash, 2h @ 600°C (%)	0959	6.2400	0.12000	6.5030	0.20009	0.07960	98	-1.31	2%	0
005.00	Ash, 2h @ 600°C (%)	0953	6.2600	0.02000	6.5030	0.20009	0.07960	98	-1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0958	6.2600	0.26000	6.5030	0.20009	0.07960	98	-1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0208	6.2800	0.20000	6.5030	0.20009	0.07960	98	-1.11	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	6.2800	0.00000	6.5030	0.20009	0.07960	98	-1.11	2%	0
005.00	Ash, 2h @ 600°C (%)	0650	6.2900	0.10000	6.5030	0.20009	0.07960	98	-1.06	2%	0
005.00	Ash, 2h @ 600°C (%)	0205	6.2935	0.00900	6.5030	0.20009	0.07960	98	-1.05	2%	0
005.00	Ash, 2h @ 600°C (%)	0019	6.3100	0.12000	6.5030	0.20009	0.07960	98	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	6.3350	0.01000	6.5030	0.20009	0.07960	98	-0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	6.3450	0.17000	6.5030	0.20009	0.07960	98	-0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	6.3550	0.05000	6.5030	0.20009	0.07960	98	-0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	6.3670	0.14030	6.5030	0.20009	0.07960	98	-0.68	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	2106	6.3900	0.08000	6.5030	0.20009	0.07960	98	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0943	6.4000	0.06000	6.5030	0.20009	0.07960	98	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	6.4048	0.01310	6.5030	0.20009	0.07960	98	-0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	6.4258	0.18650	6.5030	0.20009	0.07960	98	-0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	6.4500	0.08000	6.5030	0.20009	0.07960	98	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	6.4503	0.03410	6.5030	0.20009	0.07960	98	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	6.4550	0.01000	6.5030	0.20009	0.07960	98	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	6.4650	0.07000	6.5030	0.20009	0.07960	98	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	2067	6.4710	0.01200	6.5030	0.20009	0.07960	98	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	6.4750	0.15000	6.5030	0.20009	0.07960	98	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0199	6.4750	0.11000	6.5030	0.20009	0.07960	98	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	2068	6.4750	0.03000	6.5030	0.20009	0.07960	98	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0845	6.4850	0.05000	6.5030	0.20009	0.07960	98	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	6.5000	0.12000	6.5030	0.20009	0.07960	98	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	6.5000	0.00000	6.5030	0.20009	0.07960	98	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0138	6.5045	0.10700	6.5030	0.20009	0.07960	98	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	6.5050	0.01000	6.5030	0.20009	0.07960	98	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	6.5050	0.09000	6.5030	0.20009	0.07960	98	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0880	6.5135	0.03300	6.5030	0.20009	0.07960	98	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	6.5250	0.17000	6.5030	0.20009	0.07960	98	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0723	6.5272	0.00000	6.5030	0.20009	0.07960	98	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	6.5350	0.01000	6.5030	0.20009	0.07960	98	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	6.5354	0.03920	6.5030	0.20009	0.07960	98	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	6.5400	0.02000	6.5030	0.20009	0.07960	98	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0186	6.5450	0.05000	6.5030	0.20009	0.07960	98	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	6.5500	0.10000	6.5030	0.20009	0.07960	98	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	6.5500	0.00000	6.5030	0.20009	0.07960	98	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	6.5500	0.30000	6.5030	0.20009	0.07960	98	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	6.5600	0.04000	6.5030	0.20009	0.07960	98	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	6.5600	0.04000	6.5030	0.20009	0.07960	98	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	2073	6.5650	0.17000	6.5030	0.20009	0.07960	98	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0183	6.5687	0.08610	6.5030	0.20009	0.07960	98	0.33	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	6.5745	0.02700	6.5030	0.20009	0.07960	98	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	6.5750	0.07000	6.5030	0.20009	0.07960	98	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	6.5850	0.01000	6.5030	0.20009	0.07960	98	0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	6.5850	0.03000	6.5030	0.20009	0.07960	98	0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	6.6000	0.02000	6.5030	0.20009	0.07960	98	0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	6.6150	0.01000	6.5030	0.20009	0.07960	98	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	6.6167	0.03980	6.5030	0.20009	0.07960	98	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	6.6200	0.02000	6.5030	0.20009	0.07960	98	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0033	6.6250	0.01000	6.5030	0.20009	0.07960	98	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	6.6300	0.00000	6.5030	0.20009	0.07960	98	0.63	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0242	6.6300	0.02000	6.5030	0.20009	0.07960	98	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	6.6300	0.06000	6.5030	0.20009	0.07960	98	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	6.6300	0.07460	6.5030	0.20009	0.07960	98	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0620	6.6322	0.08500	6.5030	0.20009	0.07960	98	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	6.6400	0.10000	6.5030	0.20009	0.07960	98	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	6.6450	0.19000	6.5030	0.20009	0.07960	98	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	6.6450	0.01000	6.5030	0.20009	0.07960	98	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	6.6500	0.06000	6.5030	0.20009	0.07960	98	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	6.6500	0.10000	6.5030	0.20009	0.07960	98	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	6.6700	0.04000	6.5030	0.20009	0.07960	98	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	6.6755	0.00900	6.5030	0.20009	0.07960	98	0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	6.6764	0.07770	6.5030	0.20009	0.07960	98	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	6.6800	0.04000	6.5030	0.20009	0.07960	98	0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	6.6800	0.30000	6.5030	0.20009	0.07960	98	0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	6.6850	0.03000	6.5030	0.20009	0.07960	98	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	6.7000	0.20000	6.5030	0.20009	0.07960	98	0.98	2%	0
005.00	Ash, 2h @ 600°C (%)	0510	6.7050	0.15000	6.5030	0.20009	0.07960	98	1.01	2%	0
005.00	Ash, 2h @ 600°C (%)	0681	6.7150	0.11000	6.5030	0.20009	0.07960	98	1.06	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	6.7450	0.09000	6.5030	0.20009	0.07960	98	1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0609	6.7500	0.02000	6.5030	0.20009	0.07960	98	1.23	2%	0
005.00	Ash, 2h @ 600°C (%)	0630	6.7650	0.03000	6.5030	0.20009	0.07960	98	1.31	2%	0
005.00	Ash, 2h @ 600°C (%)	0615	6.7800	0.10000	6.5030	0.20009	0.07960	98	1.38	2%	0
005.00	Ash, 2h @ 600°C (%)	0504	6.7850	0.29000	6.5030	0.20009	0.07960	98	1.41	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	6.7950	0.01000	6.5030	0.20009	0.07960	98	1.46	2%	0
005.00	Ash, 2h @ 600°C (%)	0229	6.8500	0.10000	6.5030	0.20009	0.07960	98	1.73	3%	0
005.00	Ash, 2h @ 600°C (%)	0062	6.9940	0.01000	6.5030	0.20009	0.07960	98	2.45	4%	0
005.00	Ash, 2h @ 600°C (%)	0852	7.1500	0.10000	6.5030	0.20009	0.07960	98	3.23	5%	0
005.00	Ash, 2h @ 600°C (%)	0623	7.9820	0.18400	6.5030	0.20009	0.07960	98	7.39	11%	0
005.00	Ash, 2h @ 600°C (%)	0961	6.6700	0.54000	6.5030	0.20009	0.07960	98	0.83	1%	1
005.00	Ash, 2h @ 600°C (%)	0045	6.8250	0.69000	6.5030	0.20009	0.07960	98	1.61	2%	1
005.00	Ash, 2h @ 600°C (%)	0144	9.6900	0.60000	6.5030	0.20009	0.07960	98	15.93	25%	2
005.05	Ash, 3h @ 550°C (%)	0294	6.1000	0.00000	6.7127	0.11473	0.04122	32	-5.34	5%	0
005.05	Ash, 3h @ 550°C (%)	0845	6.4850	0.05000	6.7127	0.11473	0.04122	32	-1.98	2%	0
005.05	Ash, 3h @ 550°C (%)	0263	6.5365	0.01300	6.7127	0.11473	0.04122	32	-1.54	1%	0
005.05	Ash, 3h @ 550°C (%)	0934	6.5450	0.01000	6.7127	0.11473	0.04122	32	-1.46	1%	0
005.05	Ash, 3h @ 550°C (%)	2018	6.5950	0.03000	6.7127	0.11473	0.04122	32	-1.03	1%	0
005.05	Ash, 3h @ 550°C (%)	0940	6.6000	0.04000	6.7127	0.11473	0.04122	32	-0.98	1%	0
005.05	Ash, 3h @ 550°C (%)	0038	6.6200	0.10000	6.7127	0.11473	0.04122	32	-0.81	1%	0
005.05	Ash, 3h @ 550°C (%)	2011	6.6250	0.13000	6.7127	0.11473	0.04122	32	-0.76	1%	0
005.05	Ash, 3h @ 550°C (%)	0683	6.6550	0.13000	6.7127	0.11473	0.04122	32	-0.50	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	6.6550	0.01000	6.7127	0.11473	0.04122	32	-0.50	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	6.6625	0.01500	6.7127	0.11473	0.04122	32	-0.44	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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005.05	Ash, 3h @ 550°C (%)	0695	6.6650	0.09000	6.7127	0.11473	0.04122	32	-0.42	0%	0
005.05	Ash, 3h @ 550°C (%)	0937	6.6950	0.01000	6.7127	0.11473	0.04122	32	-0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	6.7050	0.01000	6.7127	0.11473	0.04122	32	-0.07	0%	0
005.05	Ash, 3h @ 550°C (%)	0893	6.7050	0.01000	6.7127	0.11473	0.04122	32	-0.07	0%	0
005.05	Ash, 3h @ 550°C (%)	2086	6.7100	0.02000	6.7127	0.11473	0.04122	32	-0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	6.7150	0.23000	6.7127	0.11473	0.04122	32	0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	6.7400	0.02000	6.7127	0.11473	0.04122	32	0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0685	6.7600	0.02000	6.7127	0.11473	0.04122	32	0.41	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	6.7600	0.04000	6.7127	0.11473	0.04122	32	0.41	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	6.7650	0.03000	6.7127	0.11473	0.04122	32	0.46	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	6.7700	0.06000	6.7127	0.11473	0.04122	32	0.50	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	6.7810	0.01110	6.7127	0.11473	0.04122	32	0.60	1%	0
005.05	Ash, 3h @ 550°C (%)	0178	6.7950	0.01000	6.7127	0.11473	0.04122	32	0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	0896	6.7950	0.01000	6.7127	0.11473	0.04122	32	0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	0903	6.7950	0.01000	6.7127	0.11473	0.04122	32	0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	0900	6.8000	0.04000	6.7127	0.11473	0.04122	32	0.76	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	6.8300	0.08000	6.7127	0.11473	0.04122	32	1.02	1%	0
005.05	Ash, 3h @ 550°C (%)	2093	6.8350	0.07000	6.7127	0.11473	0.04122	32	1.07	1%	0
005.05	Ash, 3h @ 550°C (%)	2091	6.8600	0.02000	6.7127	0.11473	0.04122	32	1.28	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	6.8600	0.00000	6.7127	0.11473	0.04122	32	1.28	1%	0
005.05	Ash, 3h @ 550°C (%)	0895	6.9000	0.00000	6.7127	0.11473	0.04122	32	1.63	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	6.6500	0.30000	6.7127	0.11473	0.04122	32	-0.55	0%	1
005.11	Ash, NIR (%)	0613	6.0300	0.16000	7.6247	1.8097	0.09758	6	-0.88	10%	0
005.11	Ash, NIR (%)	0889	6.1050	0.05000	7.6247	1.8097	0.09758	6	-0.84	10%	0
005.11	Ash, NIR (%)	0885	6.7782	0.00550	7.6247	1.8097	0.09758	6	-0.47	6%	0
005.11	Ash, NIR (%)	0852	7.8700	0.00000	7.6247	1.8097	0.09758	6	0.14	2%	0
005.11	Ash, NIR (%)	0720	9.1650	0.01000	7.6247	1.8097	0.09758	6	0.85	10%	0
005.11	Ash, NIR (%)	2036	9.8000	0.36000	7.6247	1.8097	0.09758	6	1.20	14%	0
005.99	Ash, Miscellaneous (%)	0202	6.2850	0.01000	6.6947	0.18481	0.06545	11	-2.22	3%	0
005.99	Ash, Miscellaneous (%)	0574	6.4250	0.05000	6.6947	0.18481	0.06545	11	-1.46	2%	0
005.99	Ash, Miscellaneous (%)	0546	6.5550	0.03000	6.6947	0.18481	0.06545	11	-0.76	1%	0
005.99	Ash, Miscellaneous (%)	2023	6.6050	0.21000	6.6947	0.18481	0.06545	11	-0.49	1%	0
005.99	Ash, Miscellaneous (%)	0884	6.7000	0.20000	6.6947	0.18481	0.06545	11	0.03	0%	0
005.99	Ash, Miscellaneous (%)	2058	6.7350	0.01000	6.6947	0.18481	0.06545	11	0.22	0%	0
005.99	Ash, Miscellaneous (%)	0652	6.7500	0.10000	6.6947	0.18481	0.06545	11	0.30	0%	0
005.99	Ash, Miscellaneous (%)	2004	6.7950	0.01000	6.6947	0.18481	0.06545	11	0.54	1%	0
005.99	Ash, Miscellaneous (%)	0629	6.8100	0.04000	6.6947	0.18481	0.06545	11	0.62	1%	0
005.99	Ash, Miscellaneous (%)	0676	6.8700	0.00000	6.6947	0.18481	0.06545	11	0.95	1%	0
005.99	Ash, Miscellaneous (%)	0728	6.9300	0.06000	6.6947	0.18481	0.06545	11	1.27	2%	0
005.99	Ash, Miscellaneous (%)	0613	6.3050	0.55000	6.6947	0.18481	0.06545	11	-2.11	3%	1
006.00	Total sugars, As sucrose (%)	0939	3.7525	0.20900			0.20900	1			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	3.9000	0.20000			0.21500	2	-0.71	7%	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			
006.01	Total sugars, Mod. Fehling Soln (%)	0407	5.0750	0.23000			0.21500	2	0.71	7%	0
006.99	Total sugars, Miscellaneous (%)	0956	4.7000	0.20000			0.13000	2	-0.71	7%	0
006.99	Total sugars, Miscellaneous (%)	0720	6.2500	0.06000			0.13000	2	0.71	7%	0
008.02	Fiber, Acid Detergent (%)	0226	17.350	0.10000	17.945	0.52471	0.28204	14	-1.13	2%	0
008.02	Fiber, Acid Detergent (%)	0590	17.350	1.7000	17.945	0.52471	0.28204	14	-1.13	2%	0
008.02	Fiber, Acid Detergent (%)	0948	17.500	0.06000	17.945	0.52471	0.28204	14	-0.85	1%	0
008.02	Fiber, Acid Detergent (%)	0309	17.604	0.05860	17.945	0.52471	0.28204	14	-0.65	1%	0
008.02	Fiber, Acid Detergent (%)	0098	17.610	0.54000	17.945	0.52471	0.28204	14	-0.64	1%	0
008.02	Fiber, Acid Detergent (%)	0939	17.665	0.21000	17.945	0.52471	0.28204	14	-0.53	1%	0
008.02	Fiber, Acid Detergent (%)	0148	17.690	0.02000	17.945	0.52471	0.28204	14	-0.49	1%	0
008.02	Fiber, Acid Detergent (%)	0728	18.070	0.28000	17.945	0.52471	0.28204	14	0.24	0%	0
008.02	Fiber, Acid Detergent (%)	0038	18.105	0.17000	17.945	0.52471	0.28204	14	0.31	0%	0
008.02	Fiber, Acid Detergent (%)	0674	18.140	0.00000	17.945	0.52471	0.28204	14	0.37	1%	0
008.02	Fiber, Acid Detergent (%)	0353	18.410	0.02000	17.945	0.52471	0.28204	14	0.89	1%	0
008.02	Fiber, Acid Detergent (%)	0187	18.515	0.07000	17.945	0.52471	0.28204	14	1.09	2%	0
008.02	Fiber, Acid Detergent (%)	0675	18.870	0.22000	17.945	0.52471	0.28204	14	1.76	3%	0
008.02	Fiber, Acid Detergent (%)	0609	20.670	0.50000	17.945	0.52471	0.28204	14	5.19	8%	0
008.02	Fiber, Acid Detergent (%)	0504	16.490	1.9800	17.945	0.52471	0.28204	14	-2.77	4%	1
008.05	Fiber, Acid Detergent-Hach (%)	0265	17.650	0.30000			0.30000	1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	15.300	0.20000	16.948	1.1758	0.31848	32	-1.40	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	15.300	0.40000	16.948	1.1758	0.31848	32	-1.40	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0563	15.322	0.14090	16.948	1.1758	0.31848	32	-1.38	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	15.550	0.70000	16.948	1.1758	0.31848	32	-1.19	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	15.700	0.20000	16.948	1.1758	0.31848	32	-1.06	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	15.900	0.20000	16.948	1.1758	0.31848	32	-0.89	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	16.054	0.22650	16.948	1.1758	0.31848	32	-0.76	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0178	16.135	0.13000	16.948	1.1758	0.31848	32	-0.69	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	16.140	0.14000	16.948	1.1758	0.31848	32	-0.69	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	16.260	0.54000	16.948	1.1758	0.31848	32	-0.58	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	16.450	0.10000	16.948	1.1758	0.31848	32	-0.42	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	16.455	0.21000	16.948	1.1758	0.31848	32	-0.42	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	16.580	0.08000	16.948	1.1758	0.31848	32	-0.31	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	16.750	0.10000	16.948	1.1758	0.31848	32	-0.17	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	16.760	0.02000	16.948	1.1758	0.31848	32	-0.16	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	16.805	0.06800	16.948	1.1758	0.31848	32	-0.12	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	16.900	0.40000	16.948	1.1758	0.31848	32	-0.04	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	16.980	0.96000	16.948	1.1758	0.31848	32	0.03	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	17.055	0.49000	16.948	1.1758	0.31848	32	0.09	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	17.100	0.00000	16.948	1.1758	0.31848	32	0.13	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	17.270	0.52000	16.948	1.1758	0.31848	32	0.27	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	17.450	0.28000	16.948	1.1758	0.31848	32	0.43	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	17.660	0.46000	16.948	1.1758	0.31848	32	0.61	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			
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	17.895	0.01000	16.948	1.1758	0.31848	32	0.81	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	17.923	0.06660	16.948	1.1758	0.31848	32	0.83	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	18.098	0.90820	16.948	1.1758	0.31848	32	0.98	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	18.100	0.00000	16.948	1.1758	0.31848	32	0.98	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	18.318	0.39100	16.948	1.1758	0.31848	32	1.17	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0042	18.345	0.21000	16.948	1.1758	0.31848	32	1.19	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	18.505	0.85000	16.948	1.1758	0.31848	32	1.32	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	18.630	0.28000	16.948	1.1758	0.31848	32	1.43	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	18.915	0.91000	16.948	1.1758	0.31848	32	1.67	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	17.160	1.7000	16.948	1.1758	0.31848	32	0.18	1%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	14.435	0.07000	16.662	1.9555	0.05667	3	-1.14	7%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	17.450	0.10000	16.662	1.9555	0.05667	3	0.40	2%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0629	18.100	0.00000	16.662	1.9555	0.05667	3	0.74	4%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	32.230	1.3000			1.3000	1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0038	31.495	0.27000	33.662	1.8710	0.32875	11	-1.16	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	31.770	0.36000	33.662	1.8710	0.32875	11	-1.01	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	32.250	0.50000	33.662	1.8710	0.32875	11	-0.75	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	32.700	0.02000	33.662	1.8710	0.32875	11	-0.51	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	33.287	0.14620	33.662	1.8710	0.32875	11	-0.20	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0674	33.600	0.00000	33.662	1.8710	0.32875	11	-0.03	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	33.700	0.60000	33.662	1.8710	0.32875	11	0.02	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0590	33.950	0.10000	33.662	1.8710	0.32875	11	0.15	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	34.835	0.49000	33.662	1.8710	0.32875	11	0.63	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	2011	36.800	0.60000	33.662	1.8710	0.32875	11	1.68	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	37.435	0.53000	33.662	1.8710	0.32875	11	2.02	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	29.350	0.50000	31.853	1.4242	0.40108	35	-1.76	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	29.500	0.00000	31.853	1.4242	0.40108	35	-1.65	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0098	29.995	0.41000	31.853	1.4242	0.40108	35	-1.30	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	30.120	0.24000	31.853	1.4242	0.40108	35	-1.22	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0910	30.150	0.10000	31.853	1.4242	0.40108	35	-1.20	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	30.350	1.1000	31.853	1.4242	0.40108	35	-1.06	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0563	30.465	0.24600	31.853	1.4242	0.40108	35	-0.97	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	30.660	0.98000	31.853	1.4242	0.40108	35	-0.84	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	30.700	0.60000	31.853	1.4242	0.40108	35	-0.81	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	30.925	1.2100	31.853	1.4242	0.40108	35	-0.65	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	31.100	0.20000	31.853	1.4242	0.40108	35	-0.53	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	31.150	0.50000	31.853	1.4242	0.40108	35	-0.49	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	31.445	1.0206	31.853	1.4242	0.40108	35	-0.29	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	31.510	0.60000	31.853	1.4242	0.40108	35	-0.24	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	31.649	0.45320	31.853	1.4242	0.40108	35	-0.14	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	31.665	0.49000	31.853	1.4242	0.40108	35	-0.13	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	31.800	0.20000	31.853	1.4242	0.40108	35	-0.04	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	31.805	0.10360	31.853	1.4242	0.40108	35	-0.03	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	32.100	0.40000	31.853	1.4242	0.40108	35	0.17	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	32.275	0.39000	31.853	1.4242	0.40108	35	0.30	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	32.325	0.59000	31.853	1.4242	0.40108	35	0.33	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	32.400	0.60000	31.853	1.4242	0.40108	35	0.38	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	32.428	0.71750	31.853	1.4242	0.40108	35	0.40	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	32.440	0.38000	31.853	1.4242	0.40108	35	0.41	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	32.470	0.30000	31.853	1.4242	0.40108	35	0.43	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	32.750	0.10000	31.853	1.4242	0.40108	35	0.63	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	32.870	0.22000	31.853	1.4242	0.40108	35	0.71	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	32.967	0.21700	31.853	1.4242	0.40108	35	0.78	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	33.095	0.13000	31.853	1.4242	0.40108	35	0.87	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	33.305	0.11000	31.853	1.4242	0.40108	35	1.02	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	33.400	0.00000	31.853	1.4242	0.40108	35	1.09	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	33.545	0.39000	31.853	1.4242	0.40108	35	1.19	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	33.580	0.04000	31.853	1.4242	0.40108	35	1.21	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0178	34.325	0.13000	31.853	1.4242	0.40108	35	1.74	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	37.415	0.37000	31.853	1.4242	0.40108	35	3.91	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	34.460	1.9800	31.853	1.4242	0.40108	35	1.83	4%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	28.745	0.11000	31.771	2.3809	0.09250	4	-1.27	5%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	31.065	0.03000	31.771	2.3809	0.09250	4	-0.30	1%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	33.200	0.18000	31.771	2.3809	0.09250	4	0.60	2%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0629	34.075	0.05000	31.771	2.3809	0.09250	4	0.97	4%	0
010.03	Moisture, Karl-Fischer (%)	0208	9.1450	0.31000	9.2350	0.09000	0.19000	3	-1.00	0%	0
010.03	Moisture, Karl-Fischer (%)	0843	9.2350	0.07000	9.2350	0.09000	0.19000	3	0.00	0%	0
010.03	Moisture, Karl-Fischer (%)	0164	9.3250	0.19000	9.2350	0.09000	0.19000	3	1.00	0%	0
010.11	Moisture, NIR (%)	0553	8.8300	0.02000	9.3075	0.49217	0.02365	6	-0.97	3%	0
010.11	Moisture, NIR (%)	0038	8.9660	0.03000	9.3075	0.49217	0.02365	6	-0.69	2%	0
010.11	Moisture, NIR (%)	0889	9.1150	0.03000	9.3075	0.49217	0.02365	6	-0.39	1%	0
010.11	Moisture, NIR (%)	0885	9.2627	0.04190	9.3075	0.49217	0.02365	6	-0.09	0%	0
010.11	Moisture, NIR (%)	2036	10.140	0.00000	9.3075	0.49217	0.02365	6	1.69	4%	0
010.11	Moisture, NIR (%)	0720	10.350	0.02000	9.3075	0.49217	0.02365	6	2.12	6%	0
010.11	Moisture, NIR (%)	0852	7.9700	0.16000	9.3075	0.49217	0.02365	6	-2.72	7%	1
010.99	Moisture, Miscellaneous (%)	0168	8.2450	0.19000	9.2724	0.36471	0.10158	19	-2.82	6%	0
010.99	Moisture, Miscellaneous (%)	0546	8.3850	0.11000	9.2724	0.36471	0.10158	19	-2.43	5%	0
010.99	Moisture, Miscellaneous (%)	0028	8.7750	0.07000	9.2724	0.36471	0.10158	19	-1.36	3%	0
010.99	Moisture, Miscellaneous (%)	0910	9.0000	0.00000	9.2724	0.36471	0.10158	19	-0.75	1%	0
010.99	Moisture, Miscellaneous (%)	0019	9.0650	0.13000	9.2724	0.36471	0.10158	19	-0.57	1%	0
010.99	Moisture, Miscellaneous (%)	0948	9.1350	0.01000	9.2724	0.36471	0.10158	19	-0.38	1%	0
010.99	Moisture, Miscellaneous (%)	0952	9.1650	0.01000	9.2724	0.36471	0.10158	19	-0.29	1%	0
010.99	Moisture, Miscellaneous (%)	2004	9.1700	0.04000	9.2724	0.36471	0.10158	19	-0.28	1%	0
010.99	Moisture, Miscellaneous (%)	0917	9.2000	0.20000	9.2724	0.36471	0.10158	19	-0.20	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	
010.99	Moisture, Miscellaneous (%)	0939	9.2100	0.06000	9.2724	0.36471	0.10158	19	-0.17	0%	0
010.99	Moisture, Miscellaneous (%)	2043	9.3350	0.03000	9.2724	0.36471	0.10158	19	0.17	0%	0
010.99	Moisture, Miscellaneous (%)	0884	9.4000	0.00000	9.2724	0.36471	0.10158	19	0.35	1%	0
010.99	Moisture, Miscellaneous (%)	2089	9.4100	0.02000	9.2724	0.36471	0.10158	19	0.38	1%	0
010.99	Moisture, Miscellaneous (%)	0921	9.4400	0.24000	9.2724	0.36471	0.10158	19	0.46	1%	0
010.99	Moisture, Miscellaneous (%)	0726	9.7350	0.19000	9.2724	0.36471	0.10158	19	1.27	2%	0
010.99	Moisture, Miscellaneous (%)	0190	9.7800	0.04000	9.2724	0.36471	0.10158	19	1.39	3%	0
010.99	Moisture, Miscellaneous (%)	0943	9.8250	0.13000	9.2724	0.36471	0.10158	19	1.52	3%	0
010.99	Moisture, Miscellaneous (%)	0405	10.290	0.10000	9.2724	0.36471	0.10158	19	2.79	5%	0
010.99	Moisture, Miscellaneous (%)	2105	10.750	0.36000	9.2724	0.36471	0.10158	19	4.05	8%	0
010.99	Moisture, Miscellaneous (%)	0555	7.8500	0.50000	9.2724	0.36471	0.10158	19	-3.90	8%	1
011.01	Loss on Drying, 135°C 2hr (%)	0874	9.1000	0.06000	10.179	0.42794	0.10132	78	-2.52	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	9.1800	0.06000	10.179	0.42794	0.10132	78	-2.33	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	9.3240	0.10000	10.179	0.42794	0.10132	78	-2.00	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	9.3400	0.04000	10.179	0.42794	0.10132	78	-1.96	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	9.5250	0.05000	10.179	0.42794	0.10132	78	-1.53	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	9.5600	0.02000	10.179	0.42794	0.10132	78	-1.45	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.5800	0.04000	10.179	0.42794	0.10132	78	-1.40	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	9.5845	0.04170	10.179	0.42794	0.10132	78	-1.39	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	9.6000	0.00000	10.179	0.42794	0.10132	78	-1.35	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	9.6406	0.06480	10.179	0.42794	0.10132	78	-1.26	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	9.6500	0.06000	10.179	0.42794	0.10132	78	-1.24	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	9.6650	0.17000	10.179	0.42794	0.10132	78	-1.20	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0961	9.6950	0.39000	10.179	0.42794	0.10132	78	-1.13	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.7000	0.00000	10.179	0.42794	0.10132	78	-1.12	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	9.7250	0.05000	10.179	0.42794	0.10132	78	-1.06	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0178	9.7750	0.09000	10.179	0.42794	0.10132	78	-0.94	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	9.7975	0.12700	10.179	0.42794	0.10132	78	-0.89	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	9.8050	0.03000	10.179	0.42794	0.10132	78	-0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	9.8100	0.06000	10.179	0.42794	0.10132	78	-0.86	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2095	9.8750	0.05000	10.179	0.42794	0.10132	78	-0.71	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0860	9.9204	0.00000	10.179	0.42794	0.10132	78	-0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	9.9500	0.10000	10.179	0.42794	0.10132	78	-0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	9.9590	0.17400	10.179	0.42794	0.10132	78	-0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	9.9600	0.02000	10.179	0.42794	0.10132	78	-0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	9.9900	0.00000	10.179	0.42794	0.10132	78	-0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.000	0.00000	10.179	0.42794	0.10132	78	-0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	10.010	0.18000	10.179	0.42794	0.10132	78	-0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	10.024	0.06200	10.179	0.42794	0.10132	78	-0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.050	0.06000	10.179	0.42794	0.10132	78	-0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.080	0.12000	10.179	0.42794	0.10132	78	-0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	10.102	0.01250	10.179	0.42794	0.10132	78	-0.18	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0870	10.117	0.38350	10.179	0.42794	0.10132	78	-0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	10.125	0.05000	10.179	0.42794	0.10132	78	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.140	0.07960	10.179	0.42794	0.10132	78	-0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0960	10.140	0.36000	10.179	0.42794	0.10132	78	-0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	10.170	0.02000	10.179	0.42794	0.10132	78	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.185	0.09000	10.179	0.42794	0.10132	78	0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	10.196	0.13300	10.179	0.42794	0.10132	78	0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.200	0.00000	10.179	0.42794	0.10132	78	0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	10.235	0.01000	10.179	0.42794	0.10132	78	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.235	0.11000	10.179	0.42794	0.10132	78	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.255	0.03000	10.179	0.42794	0.10132	78	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	10.260	0.04000	10.179	0.42794	0.10132	78	0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.270	0.06000	10.179	0.42794	0.10132	78	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	10.275	0.03900	10.179	0.42794	0.10132	78	0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	10.295	0.43000	10.179	0.42794	0.10132	78	0.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	10.300	0.00000	10.179	0.42794	0.10132	78	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	10.332	0.06720	10.179	0.42794	0.10132	78	0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	10.335	0.07000	10.179	0.42794	0.10132	78	0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	10.350	0.16000	10.179	0.42794	0.10132	78	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	10.350	0.14000	10.179	0.42794	0.10132	78	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2067	10.358	0.05600	10.179	0.42794	0.10132	78	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	10.360	0.36000	10.179	0.42794	0.10132	78	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.400	0.02000	10.179	0.42794	0.10132	78	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	10.415	0.03000	10.179	0.42794	0.10132	78	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2016	10.430	0.08000	10.179	0.42794	0.10132	78	0.59	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	10.445	0.03000	10.179	0.42794	0.10132	78	0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	10.450	0.10000	10.179	0.42794	0.10132	78	0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	10.450	0.56000	10.179	0.42794	0.10132	78	0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0955	10.500	0.20000	10.179	0.42794	0.10132	78	0.75	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	10.505	0.05000	10.179	0.42794	0.10132	78	0.76	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	10.515	0.09000	10.179	0.42794	0.10132	78	0.78	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	10.520	0.22000	10.179	0.42794	0.10132	78	0.80	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.525	0.11000	10.179	0.42794	0.10132	78	0.81	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	10.535	0.15000	10.179	0.42794	0.10132	78	0.83	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	10.540	0.06000	10.179	0.42794	0.10132	78	0.84	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	10.540	0.20000	10.179	0.42794	0.10132	78	0.84	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.615	0.19000	10.179	0.42794	0.10132	78	1.02	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	10.625	0.03000	10.179	0.42794	0.10132	78	1.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.670	0.14000	10.179	0.42794	0.10132	78	1.15	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	10.725	0.07000	10.179	0.42794	0.10132	78	1.28	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	10.755	0.19000	10.179	0.42794	0.10132	78	1.35	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	10.770	0.02000	10.179	0.42794	0.10132	78	1.38	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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011.01	Loss on Drying, 135°C 2hr (%)	0861	10.820	0.08000	10.179	0.42794	0.10132	78	1.50	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	10.885	0.07000	10.179	0.42794	0.10132	78	1.65	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0958	10.950	0.22000	10.179	0.42794	0.10132	78	1.80	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	11.135	0.03000	10.179	0.42794	0.10132	78	2.23	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	11.174	0.04290	10.179	0.42794	0.10132	78	2.33	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	10.940	0.66000	10.179	0.42794	0.10132	78	1.78	4%	1
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.950	0.70000	10.179	0.42794	0.10132	78	1.80	4%	1
011.01	Loss on Drying, 135°C 2hr (%)	0108	10.985	0.63000	10.179	0.42794	0.10132	78	1.88	4%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	9.5500	0.10000	9.9967	0.45004	0.12000	3	-0.99	2%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	9.9900	0.00000	9.9967	0.45004	0.12000	3	-0.01	0%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	2023	10.450	0.26000	9.9967	0.45004	0.12000	3	1.01	2%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	9.4200	0.06000	9.6525	0.16998	0.04500	4	-1.37	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	9.6500	0.10000	9.6525	0.16998	0.04500	4	-0.01	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	9.7200	0.00000	9.6525	0.16998	0.04500	4	0.40	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	9.8200	0.02000	9.6525	0.16998	0.04500	4	0.99	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0682	11.460	0.00000	14.747	0.71365	0.20727	11	-4.61	11%	0
012.00	Starch, Polarimetric (Ewers) (%)	0178	13.690	0.00000	14.747	0.71365	0.20727	11	-1.48	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	13.920	0.00000	14.747	0.71365	0.20727	11	-1.16	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	14.200	0.60000	14.747	0.71365	0.20727	11	-0.77	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	14.750	0.08000	14.747	0.71365	0.20727	11	0.00	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	14.950	0.30000	14.747	0.71365	0.20727	11	0.28	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	14.955	0.00000	14.747	0.71365	0.20727	11	0.29	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	15.215	0.17000	14.747	0.71365	0.20727	11	0.66	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	15.340	0.52000	14.747	0.71365	0.20727	11	0.83	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	15.400	0.40000	14.747	0.71365	0.20727	11	0.91	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	15.565	0.21000	14.747	0.71365	0.20727	11	1.15	3%	0
012.01	Starch, Megazyme (%)	0918	11.395	0.15400	12.492	0.84060	0.41030	7	-1.31	4%	0
012.01	Starch, Megazyme (%)	0870	11.842	0.20810	12.492	0.84060	0.41030	7	-0.77	3%	0
012.01	Starch, Megazyme (%)	0676	12.315	0.11000	12.492	0.84060	0.41030	7	-0.21	1%	0
012.01	Starch, Megazyme (%)	0956	12.500	1.2000	12.492	0.84060	0.41030	7	0.01	0%	0
012.01	Starch, Megazyme (%)	2004	12.750	0.10000	12.492	0.84060	0.41030	7	0.31	1%	0
012.01	Starch, Megazyme (%)	0613	13.010	1.0000	12.492	0.84060	0.41030	7	0.62	2%	0
012.01	Starch, Megazyme (%)	0265	13.950	0.10000	12.492	0.84060	0.41030	7	1.73	6%	0
012.02	Starch, Colorimetric (GOP) (%)	0955	13.600	0.60000			0.76500	2	-0.71	1%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	13.995	0.93000			0.76500	2	0.71	1%	0
012.03	Starch, Enzymatic (%)	0885	11.403	0.22410	12.609	1.3873	0.21803	3	-0.87	5%	0
012.03	Starch, Enzymatic (%)	0098	12.300	0.20000	12.609	1.3873	0.21803	3	-0.22	1%	0
012.03	Starch, Enzymatic (%)	0407	14.125	0.23000	12.609	1.3873	0.21803	3	1.09	6%	0
012.04	Starch, YSI Analyzer (%)	0353	12.120	0.72000	13.421	1.8818	0.36250	4	-0.69	5%	0
012.04	Starch, YSI Analyzer (%)	0510	12.600	0.20000	13.421	1.8818	0.36250	4	-0.44	3%	0
012.04	Starch, YSI Analyzer (%)	0278	12.750	0.10000	13.421	1.8818	0.36250	4	-0.36	3%	0
012.04	Starch, YSI Analyzer (%)	0948	16.215	0.43000	13.421	1.8818	0.36250	4	1.48	10%	0



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012.11	Starch, NIR (%)	0889	14.690	0.14000	17.115	1.8879	0.22208	6	-1.28	7%	0
012.11	Starch, NIR (%)	0852	16.315	0.11000	17.115	1.8879	0.22208	6	-0.42	2%	0
012.11	Starch, NIR (%)	0885	16.827	0.26250	17.115	1.8879	0.22208	6	-0.15	1%	0
012.11	Starch, NIR (%)	0720	16.865	0.03000	17.115	1.8879	0.22208	6	-0.13	1%	0
012.11	Starch, NIR (%)	0613	18.770	0.34000	17.115	1.8879	0.22208	6	0.88	5%	0
012.11	Starch, NIR (%)	2036	19.225	0.45000	17.115	1.8879	0.22208	6	1.12	6%	0
013.00	Fat, Acid hydrolysis (%)	0689	3.7500	0.10000	4.4858	0.46689	0.13777	17	-1.58	8%	0
013.00	Fat, Acid hydrolysis (%)	0555	3.9250	0.15000	4.4858	0.46689	0.13777	17	-1.20	6%	0
013.00	Fat, Acid hydrolysis (%)	0083	4.0450	0.07000	4.4858	0.46689	0.13777	17	-0.94	5%	0
013.00	Fat, Acid hydrolysis (%)	0504	4.0850	0.05000	4.4858	0.46689	0.13777	17	-0.86	4%	0
013.00	Fat, Acid hydrolysis (%)	0229	4.2000	0.50000	4.4858	0.46689	0.13777	17	-0.61	3%	0
013.00	Fat, Acid hydrolysis (%)	0681	4.2300	0.10000	4.4858	0.46689	0.13777	17	-0.55	3%	0
013.00	Fat, Acid hydrolysis (%)	0242	4.2350	0.11000	4.4858	0.46689	0.13777	17	-0.54	3%	0
013.00	Fat, Acid hydrolysis (%)	0910	4.3450	0.15000	4.4858	0.46689	0.13777	17	-0.30	2%	0
013.00	Fat, Acid hydrolysis (%)	0309	4.5552	0.08710	4.4858	0.46689	0.13777	17	0.15	1%	0
013.00	Fat, Acid hydrolysis (%)	0884	4.6500	0.10000	4.4858	0.46689	0.13777	17	0.35	2%	0
013.00	Fat, Acid hydrolysis (%)	0948	4.6700	0.00000	4.4858	0.46689	0.13777	17	0.39	2%	0
013.00	Fat, Acid hydrolysis (%)	2016	4.6800	0.08000	4.4858	0.46689	0.13777	17	0.42	2%	0
013.00	Fat, Acid hydrolysis (%)	2004	4.7500	0.10000	4.4858	0.46689	0.13777	17	0.57	3%	0
013.00	Fat, Acid hydrolysis (%)	0202	4.8300	0.10000	4.4858	0.46689	0.13777	17	0.74	4%	0
013.00	Fat, Acid hydrolysis (%)	0695	4.8425	0.13300	4.4858	0.46689	0.13777	17	0.76	4%	0
013.00	Fat, Acid hydrolysis (%)	2023	5.5350	0.01000	4.4858	0.46689	0.13777	17	2.25	12%	0
013.00	Fat, Acid hydrolysis (%)	2076	5.9610	0.50200	4.4858	0.46689	0.13777	17	3.16	16%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	3.8200	0.24000	5.0624	0.47286	0.25370	23	-2.63	12%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	4.5400	0.18000	5.0624	0.47286	0.25370	23	-1.10	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	4.5400	0.30000	5.0624	0.47286	0.25370	23	-1.10	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	4.5600	0.26000	5.0624	0.47286	0.25370	23	-1.06	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	4.7150	0.19000	5.0624	0.47286	0.25370	23	-0.73	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	4.7200	0.50000	5.0624	0.47286	0.25370	23	-0.72	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	4.7350	0.11000	5.0624	0.47286	0.25370	23	-0.69	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	4.7700	0.02000	5.0624	0.47286	0.25370	23	-0.62	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	4.8148	0.13120	5.0624	0.47286	0.25370	23	-0.52	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	4.9800	0.38000	5.0624	0.47286	0.25370	23	-0.17	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	4.9900	0.94000	5.0624	0.47286	0.25370	23	-0.15	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	5.0350	0.43000	5.0624	0.47286	0.25370	23	-0.06	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	5.1250	0.07000	5.0624	0.47286	0.25370	23	0.13	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0960	5.1500	0.56000	5.0624	0.47286	0.25370	23	0.19	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	5.2050	0.03000	5.0624	0.47286	0.25370	23	0.30	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	5.2600	0.02000	5.0624	0.47286	0.25370	23	0.42	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	5.2950	0.01000	5.0624	0.47286	0.25370	23	0.49	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	5.3950	0.51000	5.0624	0.47286	0.25370	23	0.70	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	5.5000	0.04000	5.0624	0.47286	0.25370	23	0.93	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
013.02	Fat, Mojonnier, Bak Ext (%)	0958	5.5450	0.05000	5.0624	0.47286	0.25370	23	1.02	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	5.7350	0.65000	5.0624	0.47286	0.25370	23	1.42	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0943	5.9450	0.09000	5.0624	0.47286	0.25370	23	1.87	9%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	5.9580	0.12400	5.0624	0.47286	0.25370	23	1.89	9%	0
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	2.3250	0.29000			0.29000	1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	3.7950	0.11000	4.3392	0.43290	0.14021	8	-1.26	6%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2095	3.9750	0.35000	4.3392	0.43290	0.14021	8	-0.84	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	4.1350	0.01000	4.3392	0.43290	0.14021	8	-0.47	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2003	4.2346	0.01170	4.3392	0.43290	0.14021	8	-0.24	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	4.3950	0.13000	4.3392	0.43290	0.14021	8	0.13	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	4.5500	0.30000	4.3392	0.43290	0.14021	8	0.49	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	4.6750	0.17000	4.3392	0.43290	0.14021	8	0.78	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	5.3000	0.04000	4.3392	0.43290	0.14021	8	2.22	11%	0
013.12	Fat, NIR- Acid Hydrolysis (%)	0961	4.0700	1.0400			1.0400	1			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	4.6100	0.00000	5.0962	0.50417	0.11800	5	-0.96	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	4.7450	0.11000	5.0962	0.50417	0.11800	5	-0.70	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	5.0410	0.11000	5.0962	0.50417	0.11800	5	-0.11	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	5.1850	0.17000	5.0962	0.50417	0.11800	5	0.18	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	5.9000	0.20000	5.0962	0.50417	0.11800	5	1.59	8%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	46.330	0.12000	54.636	6.9662	1.3771	5	-1.19	8%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	52.762	1.9055	54.636	6.9662	1.3771	5	-0.27	2%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	53.000	2.0000	54.636	6.9662	1.3771	5	-0.23	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	55.590	1.8600	54.636	6.9662	1.3771	5	0.14	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	65.500	1.0000	54.636	6.9662	1.3771	5	1.56	10%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	65.200	2.0000			2.0000	1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	46.500	3.0000	60.593	11.428	2.9758	4	-1.23	12%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	59.000	0.00000	60.593	11.428	2.9758	4	-0.14	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	62.622	6.4030	60.593	11.428	2.9758	4	0.18	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	74.250	2.5000	60.593	11.428	2.9758	4	1.20	11%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	69.550	3.1000			3.1000	1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	9.9650	0.73000			1.3150	2	-0.71	3%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	11.220	1.9000			1.3150	2	0.71	3%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	9.4425	0.32110	9.7192	0.26472	0.76028	4	-0.85	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	9.4650	2.1900	9.7192	0.26472	0.76028	4	-0.76	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	9.7450	0.23000	9.7192	0.26472	0.76028	4	0.36	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	9.9700	0.30000	9.7192	0.26472	0.76028	4	1.25	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	10.000	0.00000	10.478	0.50141	0.09500	4	-1.26	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0168	10.435	0.05000	10.478	0.50141	0.09500	4	-0.23	0%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	10.695	0.33000	10.478	0.50141	0.09500	4	0.38	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	11.000	0.00000	10.478	0.50141	0.09500	4	1.10	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	0.86500	0.01000	0.92520	0.04714	0.01565	21	-1.28	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0900	0.86500	0.01000	0.92520	0.04714	0.01565	21	-1.28	3%	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			
019.00	Calcium, Ox-Mn04 Vol. (%)	2097	0.87985	0.00970	0.92520	0.04714	0.01565	21	-0.96	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2067	0.88650	0.01700	0.92520	0.04714	0.01565	21	-0.82	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	0.89000	0.00000	0.92520	0.04714	0.01565	21	-0.75	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0934	0.89000	0.02000	0.92520	0.04714	0.01565	21	-0.75	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	0.89000	0.00000	0.92520	0.04714	0.01565	21	-0.75	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	0.89445	0.02590	0.92520	0.04714	0.01565	21	-0.65	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	0.90955	0.01410	0.92520	0.04714	0.01565	21	-0.33	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	0.92400	0.00200	0.92520	0.04714	0.01565	21	-0.03	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	0.92500	0.01000	0.92520	0.04714	0.01565	21	0.00	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	0.93000	0.02000	0.92520	0.04714	0.01565	21	0.10	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	0.93000	0.00000	0.92520	0.04714	0.01565	21	0.10	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2093	0.93500	0.01000	0.92520	0.04714	0.01565	21	0.21	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	0.94250	0.02500	0.92520	0.04714	0.01565	21	0.37	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	0.95550	0.05500	0.92520	0.04714	0.01565	21	0.64	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2011	0.97000	0.04000	0.92520	0.04714	0.01565	21	0.95	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0896	0.97500	0.01000	0.92520	0.04714	0.01565	21	1.06	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2091	0.98000	0.04000	0.92520	0.04714	0.01565	21	1.16	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.0150	0.01000	0.92520	0.04714	0.01565	21	1.91	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	1.0700	0.00000	0.92520	0.04714	0.01565	21	3.07	8%	0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.0006	0.01430			0.01430	1			0
019.08	Calcium, EDTA (%)	0885	0.84975	0.00870	0.95156	0.06094	0.01230	9	-1.67	5%	0
019.08	Calcium, EDTA (%)	0629	0.90500	0.01000	0.95156	0.06094	0.01230	9	-0.76	2%	0
019.08	Calcium, EDTA (%)	0689	0.93500	0.03000	0.95156	0.06094	0.01230	9	-0.27	1%	0
019.08	Calcium, EDTA (%)	2086	0.93500	0.01000	0.95156	0.06094	0.01230	9	-0.27	1%	0
019.08	Calcium, EDTA (%)	0138	0.94100	0.00400	0.95156	0.06094	0.01230	9	-0.17	1%	0
019.08	Calcium, EDTA (%)	0590	0.94500	0.01000	0.95156	0.06094	0.01230	9	-0.11	0%	0
019.08	Calcium, EDTA (%)	0852	1.0000	0.00000	0.95156	0.06094	0.01230	9	0.79	3%	0
019.08	Calcium, EDTA (%)	0849	1.0290	0.01800	0.95156	0.06094	0.01230	9	1.27	4%	0
019.08	Calcium, EDTA (%)	0940	1.1400	0.02000	0.95156	0.06094	0.01230	9	3.09	10%	0
019.09	Calcium, Ion-selective electrode (%)	2006	0.95850	0.01700			0.01700	1			0
019.31	Calcium, AAS, Dry ash (%)	0689	0.84500	0.03000	0.91606	0.03666	0.01848	24	-1.94	4%	0
019.31	Calcium, AAS, Dry ash (%)	0884	0.86500	0.01000	0.91606	0.03666	0.01848	24	-1.39	3%	0
019.31	Calcium, AAS, Dry ash (%)	0948	0.86500	0.01000	0.91606	0.03666	0.01848	24	-1.39	3%	0
019.31	Calcium, AAS, Dry ash (%)	0563	0.87885	0.00670	0.91606	0.03666	0.01848	24	-1.01	2%	0
019.31	Calcium, AAS, Dry ash (%)	0038	0.88550	0.00100	0.91606	0.03666	0.01848	24	-0.83	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	0.89000	0.00000	0.91606	0.03666	0.01848	24	-0.71	1%	0
019.31	Calcium, AAS, Dry ash (%)	0175	0.90000	0.02000	0.91606	0.03666	0.01848	24	-0.44	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	0.90500	0.01000	0.91606	0.03666	0.01848	24	-0.30	1%	0
019.31	Calcium, AAS, Dry ash (%)	0653	0.90550	0.00500	0.91606	0.03666	0.01848	24	-0.29	1%	0
019.31	Calcium, AAS, Dry ash (%)	0723	0.90560	0.00000	0.91606	0.03666	0.01848	24	-0.29	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	0.90885	0.00490	0.91606	0.03666	0.01848	24	-0.20	0%	0
019.31	Calcium, AAS, Dry ash (%)	0874	0.91300	0.01700	0.91606	0.03666	0.01848	24	-0.08	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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019.31	Calcium, AAS, Dry ash (%)	0868	0.91650	0.00100	0.91606	0.03666	0.01848	24	0.01	0%	0
019.31	Calcium, AAS, Dry ash (%)	0687	0.92000	0.04000	0.91606	0.03666	0.01848	24	0.11	0%	0
019.31	Calcium, AAS, Dry ash (%)	2018	0.92000	0.04000	0.91606	0.03666	0.01848	24	0.11	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	0.92790	0.01000	0.91606	0.03666	0.01848	24	0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	0.92800	0.01600	0.91606	0.03666	0.01848	24	0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	0.93750	0.04100	0.91606	0.03666	0.01848	24	0.58	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	0.94000	0.00000	0.91606	0.03666	0.01848	24	0.65	1%	0
019.31	Calcium, AAS, Dry ash (%)	0178	0.95200	0.02400	0.91606	0.03666	0.01848	24	0.98	2%	0
019.31	Calcium, AAS, Dry ash (%)	0014	0.95650	0.07700	0.91606	0.03666	0.01848	24	1.10	2%	0
019.31	Calcium, AAS, Dry ash (%)	0108	0.98000	0.06000	0.91606	0.03666	0.01848	24	1.74	3%	0
019.31	Calcium, AAS, Dry ash (%)	2022	0.98000	0.00000	0.91606	0.03666	0.01848	24	1.74	3%	0
019.31	Calcium, AAS, Dry ash (%)	0646	1.0100	0.02000	0.91606	0.03666	0.01848	24	2.56	5%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.0900	0.14000	0.91606	0.03666	0.01848	24	4.74	9%	1
019.31	Calcium, AAS, Dry ash (%)	0921	0.32600	0.00000	0.91606	0.03666	0.01848	24	-16.09	32%	2
019.32	Calcium, AAS, Open vessel (%)	0263	0.88720	0.00180	0.91546	0.03490	0.00330	6	-0.81	2%	0
019.32	Calcium, AAS, Open vessel (%)	0169	0.88850	0.00100	0.91546	0.03490	0.00330	6	-0.77	1%	0
019.32	Calcium, AAS, Open vessel (%)	0612	0.89000	0.00000	0.91546	0.03490	0.00330	6	-0.73	1%	0
019.32	Calcium, AAS, Open vessel (%)	0035	0.92725	0.00330	0.91546	0.03490	0.00330	6	0.34	1%	0
019.32	Calcium, AAS, Open vessel (%)	0609	0.94500	0.01000	0.91546	0.03490	0.00330	6	0.85	2%	0
019.32	Calcium, AAS, Open vessel (%)	0504	0.96305	0.00370	0.91546	0.03490	0.00330	6	1.36	3%	0
019.41	Calcium, ICP, Dry ash (%)	0610	0.82000	0.00000	0.92015	0.04398	0.01751	36	-2.28	5%	0
019.41	Calcium, ICP, Dry ash (%)	0144	0.83500	0.01000	0.92015	0.04398	0.01751	36	-1.94	5%	0
019.41	Calcium, ICP, Dry ash (%)	0695	0.83900	0.00200	0.92015	0.04398	0.01751	36	-1.85	4%	0
019.41	Calcium, ICP, Dry ash (%)	0511	0.84500	0.01000	0.92015	0.04398	0.01751	36	-1.71	4%	0
019.41	Calcium, ICP, Dry ash (%)	0682	0.85000	0.00000	0.92015	0.04398	0.01751	36	-1.59	4%	0
019.41	Calcium, ICP, Dry ash (%)	0405	0.87000	0.02000	0.92015	0.04398	0.01751	36	-1.14	3%	0
019.41	Calcium, ICP, Dry ash (%)	2012	0.87000	0.00000	0.92015	0.04398	0.01751	36	-1.14	3%	0
019.41	Calcium, ICP, Dry ash (%)	0003	0.88500	0.01000	0.92015	0.04398	0.01751	36	-0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	0229	0.88500	0.01000	0.92015	0.04398	0.01751	36	-0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.89500	0.03000	0.92015	0.04398	0.01751	36	-0.57	1%	0
019.41	Calcium, ICP, Dry ash (%)	0011	0.89640	0.01220	0.92015	0.04398	0.01751	36	-0.54	1%	0
019.41	Calcium, ICP, Dry ash (%)	0123	0.90000	0.04000	0.92015	0.04398	0.01751	36	-0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	0.90050	0.00300	0.92015	0.04398	0.01751	36	-0.45	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	0.90500	0.01000	0.92015	0.04398	0.01751	36	-0.34	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	0.90500	0.03000	0.92015	0.04398	0.01751	36	-0.34	1%	0
019.41	Calcium, ICP, Dry ash (%)	0089	0.91000	0.00000	0.92015	0.04398	0.01751	36	-0.23	1%	0
019.41	Calcium, ICP, Dry ash (%)	0004	0.92500	0.01000	0.92015	0.04398	0.01751	36	0.11	0%	0
019.41	Calcium, ICP, Dry ash (%)	0049	0.92500	0.01000	0.92015	0.04398	0.01751	36	0.11	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	0.92850	0.00100	0.92015	0.04398	0.01751	36	0.19	0%	0
019.41	Calcium, ICP, Dry ash (%)	0512	0.92885	0.00450	0.92015	0.04398	0.01751	36	0.20	0%	0
019.41	Calcium, ICP, Dry ash (%)	2089	0.93000	0.00000	0.92015	0.04398	0.01751	36	0.22	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	0.93500	0.03000	0.92015	0.04398	0.01751	36	0.34	1%	0



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019.41	Calcium, ICP, Dry ash (%)	0098	0.93500	0.01000	0.92015	0.04398	0.01751	36	0.34	1%	0
019.41	Calcium, ICP, Dry ash (%)	0619	0.93800	0.02400	0.92015	0.04398	0.01751	36	0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	0.94000	0.08000	0.92015	0.04398	0.01751	36	0.45	1%	0
019.41	Calcium, ICP, Dry ash (%)	0413	0.94000	0.00000	0.92015	0.04398	0.01751	36	0.45	1%	0
019.41	Calcium, ICP, Dry ash (%)	0083	0.94500	0.01000	0.92015	0.04398	0.01751	36	0.57	1%	0
019.41	Calcium, ICP, Dry ash (%)	0720	0.95000	0.02000	0.92015	0.04398	0.01751	36	0.68	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	0.95500	0.07000	0.92015	0.04398	0.01751	36	0.79	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.95675	0.00830	0.92015	0.04398	0.01751	36	0.83	2%	0
019.41	Calcium, ICP, Dry ash (%)	0300	0.96300	0.08600	0.92015	0.04398	0.01751	36	0.97	2%	0
019.41	Calcium, ICP, Dry ash (%)	0298	0.97000	0.02000	0.92015	0.04398	0.01751	36	1.13	3%	0
019.41	Calcium, ICP, Dry ash (%)	0425	0.97500	0.01000	0.92015	0.04398	0.01751	36	1.25	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	0.98125	0.01350	0.92015	0.04398	0.01751	36	1.39	3%	0
019.41	Calcium, ICP, Dry ash (%)	0848	0.99000	0.02000	0.92015	0.04398	0.01751	36	1.59	4%	0
019.41	Calcium, ICP, Dry ash (%)	0208	0.99100	0.01600	0.92015	0.04398	0.01751	36	1.61	4%	0
019.41	Calcium, ICP, Dry ash (%)	0520	0.76600	0.16800	0.92015	0.04398	0.01751	36	-3.50	8%	1
019.42	Calcium, ICP, Open vessel (%)	0613	0.80000	0.10000	0.94809	0.06889	0.02659	20	-2.15	8%	0
019.42	Calcium, ICP, Open vessel (%)	0870	0.87040	0.02980	0.94809	0.06889	0.02659	20	-1.13	4%	0
019.42	Calcium, ICP, Open vessel (%)	0366	0.87500	0.03000	0.94809	0.06889	0.02659	20	-1.06	4%	0
019.42	Calcium, ICP, Open vessel (%)	0045	0.88300	0.06000	0.94809	0.06889	0.02659	20	-0.94	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	0.89500	0.01000	0.94809	0.06889	0.02659	20	-0.77	3%	0
019.42	Calcium, ICP, Open vessel (%)	0294	0.90000	0.00000	0.94809	0.06889	0.02659	20	-0.70	3%	0
019.42	Calcium, ICP, Open vessel (%)	0205	0.91400	0.00800	0.94809	0.06889	0.02659	20	-0.49	2%	0
019.42	Calcium, ICP, Open vessel (%)	0035	0.91950	0.02740	0.94809	0.06889	0.02659	20	-0.42	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	0.93295	0.03450	0.94809	0.06889	0.02659	20	-0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	0555	0.94560	0.06760	0.94809	0.06889	0.02659	20	-0.04	0%	0
019.42	Calcium, ICP, Open vessel (%)	0186	0.95150	0.02900	0.94809	0.06889	0.02659	20	0.05	0%	0
019.42	Calcium, ICP, Open vessel (%)	0560	0.95630	0.00640	0.94809	0.06889	0.02659	20	0.12	0%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.96000	0.00000	0.94809	0.06889	0.02659	20	0.17	1%	0
019.42	Calcium, ICP, Open vessel (%)	0692	0.98200	0.02800	0.94809	0.06889	0.02659	20	0.49	2%	0
019.42	Calcium, ICP, Open vessel (%)	2053	0.98500	0.01000	0.94809	0.06889	0.02659	20	0.54	2%	0
019.42	Calcium, ICP, Open vessel (%)	0265	0.99000	0.06000	0.94809	0.06889	0.02659	20	0.61	2%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.0300	0.02000	0.94809	0.06889	0.02659	20	1.19	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.0345	0.00100	0.94809	0.06889	0.02659	20	1.25	5%	0
019.42	Calcium, ICP, Open vessel (%)	0202	1.0400	0.00000	0.94809	0.06889	0.02659	20	1.33	5%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.0850	0.01000	0.94809	0.06889	0.02659	20	1.99	7%	0
019.42	Calcium, ICP, Open vessel (%)	0026	0.91370	0.23260	0.94809	0.06889	0.02659	20	-0.50	2%	1
019.43	Calcium, ICP, Microwave (%)	0038	0.81550	0.03500	0.93884	0.02063	0.01648	15	-5.98	7%	0
019.43	Calcium, ICP, Microwave (%)	0168	0.91630	0.01740	0.93884	0.02063	0.01648	15	-1.09	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	0.92500	0.03000	0.93884	0.02063	0.01648	15	-0.67	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.92500	0.01000	0.93884	0.02063	0.01648	15	-0.67	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	0.92500	0.01000	0.93884	0.02063	0.01648	15	-0.67	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	0.93000	0.00600	0.93884	0.02063	0.01648	15	-0.43	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.43	Calcium, ICP, Microwave (%)	0036	0.93125	0.01330	0.93884	0.02063	0.01648	15	-0.37	0%	0
019.43	Calcium, ICP, Microwave (%)	0918	0.93750	0.04100	0.93884	0.02063	0.01648	15	-0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0028	0.94000	0.00000	0.93884	0.02063	0.01648	15	0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0629	0.94000	0.00000	0.93884	0.02063	0.01648	15	0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0861	0.94950	0.02500	0.93884	0.02063	0.01648	15	0.52	1%	0
019.43	Calcium, ICP, Microwave (%)	0964	0.95745	0.00950	0.93884	0.02063	0.01648	15	0.90	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.98500	0.01000	0.93884	0.02063	0.01648	15	2.24	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.0100	0.04000	0.93884	0.02063	0.01648	15	3.45	4%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.0100	0.00000	0.93884	0.02063	0.01648	15	3.45	4%	0
019.44	Calcium, ICP, Dry ash (%)	2023	0.86700	0.02000			0.02100	2	-0.71	2%	0
019.44	Calcium, ICP, Dry ash (%)	2004	0.93000	0.02200			0.02100	2	0.71	2%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.88015	0.01910			0.01910	1			0
019.53	Calcium, ICP-MS, Microwave (%)	0034	0.87170	0.05260			0.03230	2	-0.71	2%	0
019.53	Calcium, ICP-MS, Microwave (%)	0572	0.95700	0.01200			0.03230	2	0.71	2%	0
019.99	Calcium, Miscellaneous (%)	0852	0.80000	0.00000	0.91250	0.08302	0.01600	5	-1.57	7%	0
019.99	Calcium, Miscellaneous (%)	0889	0.92000	0.00000	0.91250	0.08302	0.01600	5	-0.14	1%	0
019.99	Calcium, Miscellaneous (%)	0242	0.93000	0.02000	0.91250	0.08302	0.01600	5	-0.02	0%	0
019.99	Calcium, Miscellaneous (%)	2105	1.0000	0.00000	0.91250	0.08302	0.01600	5	0.81	4%	0
019.99	Calcium, Miscellaneous (%)	0100	1.0100	0.06000	0.91250	0.08302	0.01600	5	0.93	4%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	1.2500	0.10000	1.5167	0.41932	0.10000	3	-0.64	9%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	1.3000	0.20000	1.5167	0.41932	0.10000	3	-0.52	7%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	2022	2.0000	0.00000	1.5167	0.41932	0.10000	3	1.15	16%	0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	1.4250	0.07000			0.07000	1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	1.0985	0.00800			0.10400	2	-0.71	0%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	1.1000	0.20000			0.10400	2	0.71	0%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	0.57425	0.30890			0.16895	2	-0.71	16%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	1.1205	0.02900			0.16895	2	0.71	16%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	1.1500	0.10000	1.2845	0.10098	0.06085	4	-1.33	5%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	1.2950	0.01000	1.2845	0.10098	0.06085	4	0.10	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	1.2980	0.02340	1.2845	0.10098	0.06085	4	0.13	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	1.3950	0.11000	1.2845	0.10098	0.06085	4	1.09	4%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.84000	0.04000			0.04000	2	-0.71	1%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.89000	0.04000			0.04000	2	0.71	1%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.73500	0.00800	0.82120	0.12191	0.08933	3	-0.94	11%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.90740	0.00000	0.82120	0.12191	0.08933	3	-0.11	1%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	1.1500	0.26000	0.82120	0.12191	0.08933	3	1.05	12%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0178	17.980	0.82000	20.587	2.1174	0.44900	10	-1.23	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	18.550	0.30000	20.587	2.1174	0.44900	10	-0.96	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	19.000	0.60000	20.587	2.1174	0.44900	10	-0.75	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	19.000	0.00000	20.587	2.1174	0.44900	10	-0.75	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	20.290	0.16000	20.587	2.1174	0.44900	10	-0.14	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	21.191	0.00000	20.587	2.1174	0.44900	10	0.29	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			
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	22.000	0.00000	20.587	2.1174	0.44900	10	0.67	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	22.155	0.21000	20.587	2.1174	0.44900	10	0.74	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	22.500	1.0000	20.587	2.1174	0.44900	10	0.90	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	23.200	1.4000	20.587	2.1174	0.44900	10	1.23	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	26.000	8.0000	20.587	2.1174	0.44900	10	2.56	13%	1
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	0.30000	0.00000	20.895	0.80610	1.3200	4	-1.50	49%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	20.325	1.0100	20.895	0.80610	1.3200	4	0.44	14%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	21.000	4.0000	20.895	0.80610	1.3200	4	0.51	17%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	21.465	0.27000	20.895	0.80610	1.3200	4	0.55	18%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	20.215	0.31000			0.19000	2	-0.71	1%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0034	21.055	0.07000			0.19000	2	0.71	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	13.354	0.25300	19.287	1.4924	1.0047	27	-3.98	15%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	16.195	0.37000	19.287	1.4924	1.0047	27	-2.07	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	16.970	1.9600	19.287	1.4924	1.0047	27	-1.55	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	17.500	1.0000	19.287	1.4924	1.0047	27	-1.20	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	17.500	1.0000	19.287	1.4924	1.0047	27	-1.20	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	18.000	2.0000	19.287	1.4924	1.0047	27	-0.86	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	18.205	0.29000	19.287	1.4924	1.0047	27	-0.73	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	18.500	3.0000	19.287	1.4924	1.0047	27	-0.53	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	18.500	1.0000	19.287	1.4924	1.0047	27	-0.53	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	18.600	0.00000	19.287	1.4924	1.0047	27	-0.46	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	18.740	2.8000	19.287	1.4924	1.0047	27	-0.37	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	18.990	0.12000	19.287	1.4924	1.0047	27	-0.20	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	19.240	0.78000	19.287	1.4924	1.0047	27	-0.03	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	19.419	1.0291	19.287	1.4924	1.0047	27	0.09	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	19.550	0.30000	19.287	1.4924	1.0047	27	0.18	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	19.680	0.62000	19.287	1.4924	1.0047	27	0.26	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	19.800	0.40000	19.287	1.4924	1.0047	27	0.34	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	19.950	1.3000	19.287	1.4924	1.0047	27	0.44	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	20.000	2.0000	19.287	1.4924	1.0047	27	0.48	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	20.000	0.00000	19.287	1.4924	1.0047	27	0.48	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0610	20.000	2.0000	19.287	1.4924	1.0047	27	0.48	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	20.228	0.39500	19.287	1.4924	1.0047	27	0.63	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	21.000	0.00000	19.287	1.4924	1.0047	27	1.15	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2089	21.040	0.48000	19.287	1.4924	1.0047	27	1.17	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	21.265	1.6300	19.287	1.4924	1.0047	27	1.33	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0425	21.600	0.40000	19.287	1.4924	1.0047	27	1.55	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	22.000	2.0000	19.287	1.4924	1.0047	27	1.82	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0026	0.10300	0.00600	19.662	2.0411	0.87340	20	-9.58	50%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	14.920	1.0000	19.662	2.0411	0.87340	20	-2.32	12%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	17.080	0.30000	19.662	2.0411	0.87340	20	-1.27	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	17.500	1.0000	19.662	2.0411	0.87340	20	-1.06	5%	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			
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	18.595	0.19000	19.662	2.0411	0.87340	20	-0.52	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	18.735	0.01000	19.662	2.0411	0.87340	20	-0.45	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	18.810	0.50000	19.662	2.0411	0.87340	20	-0.42	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	18.985	1.9700	19.662	2.0411	0.87340	20	-0.33	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	19.150	0.50000	19.662	2.0411	0.87340	20	-0.25	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	19.270	0.16000	19.662	2.0411	0.87340	20	-0.19	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	19.798	1.2319	19.662	2.0411	0.87340	20	0.07	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	20.000	0.00000	19.662	2.0411	0.87340	20	0.17	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	20.350	1.7000	19.662	2.0411	0.87340	20	0.34	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	20.500	3.0000	19.662	2.0411	0.87340	20	0.41	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	21.000	1.2000	19.662	2.0411	0.87340	20	0.66	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	21.100	2.8000	19.662	2.0411	0.87340	20	0.70	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	22.000	0.00000	19.662	2.0411	0.87340	20	1.15	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	24.005	0.03000	19.662	2.0411	0.87340	20	2.13	11%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	24.020	1.7800	19.662	2.0411	0.87340	20	2.13	11%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	34.355	0.09000	19.662	2.0411	0.87340	20	7.20	37%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	57.150	6.1000	19.662	2.0411	0.87340	20	18.37	95%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	17.145	0.21000	19.271	1.6303	0.43750	12	-1.30	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	17.200	0.00000	19.271	1.6303	0.43750	12	-1.27	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	18.000	0.00000	19.271	1.6303	0.43750	12	-0.78	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	18.350	1.1000	19.271	1.6303	0.43750	12	-0.57	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0168	18.890	0.50000	19.271	1.6303	0.43750	12	-0.23	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	19.000	0.00000	19.271	1.6303	0.43750	12	-0.17	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	19.475	1.4700	19.271	1.6303	0.43750	12	0.12	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	19.980	0.98000	19.271	1.6303	0.43750	12	0.43	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	20.050	0.30000	19.271	1.6303	0.43750	12	0.48	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	20.565	0.37000	19.271	1.6303	0.43750	12	0.79	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	21.000	0.00000	19.271	1.6303	0.43750	12	1.06	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	21.660	0.32000	19.271	1.6303	0.43750	12	1.47	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	20.000	4.0000	19.271	1.6303	0.43750	12	0.45	2%	1
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	18.200	0.20000			0.20000	1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	20.500	1.0000			1.0000	1			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	19.350	0.10000			0.05000	2	-0.71	1%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	20.200	0.00000			0.05000	2	0.71	1%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	17.000	0.00000			1.0000	2	-0.71	3%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	19.000	2.0000			1.0000	2	0.71	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	192.33	0.00000	231.18	12.907	5.6762	13	-3.01	8%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	214.50	9.0000	231.18	12.907	5.6762	13	-1.29	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	217.42	3.3900	231.18	12.907	5.6762	13	-1.07	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	219.00	2.0000	231.18	12.907	5.6762	13	-0.94	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	226.00	8.0000	231.18	12.907	5.6762	13	-0.40	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	228.00	4.0000	231.18	12.907	5.6762	13	-0.25	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	
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	233.47	0.0000	231.18	12.907	5.6762	13	0.18	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	236.50	1.0000	231.18	12.907	5.6762	13	0.41	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	237.50	15.000	231.18	12.907	5.6762	13	0.49	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	238.20	2.4000	231.18	12.907	5.6762	13	0.54	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	239.50	7.0000	231.18	12.907	5.6762	13	0.64	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	246.00	16.000	231.18	12.907	5.6762	13	1.15	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0178	261.00	6.0000	231.18	12.907	5.6762	13	2.31	6%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	2.2750	0.03000			10.615	2	-0.71	49%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	221.70	21.200			10.615	2	0.71	49%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	190.80	1.3900			1.3900	1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	187.45	23.320	209.64	14.424	4.4984	29	-1.54	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0695	188.07	4.5830	209.64	14.424	4.4984	29	-1.50	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0610	190.00	6.0000	209.64	14.424	4.4984	29	-1.36	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	192.50	3.0000	209.64	14.424	4.4984	29	-1.19	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	194.50	1.0000	209.64	14.424	4.4984	29	-1.05	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	195.90	0.0000	209.64	14.424	4.4984	29	-0.95	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	199.40	0.60000	209.64	14.424	4.4984	29	-0.71	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	199.50	5.0000	209.64	14.424	4.4984	29	-0.70	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	202.85	1.5000	209.64	14.424	4.4984	29	-0.47	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	204.93	2.0600	209.64	14.424	4.4984	29	-0.33	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	205.00	2.0000	209.64	14.424	4.4984	29	-0.32	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2089	206.32	8.9700	209.64	14.424	4.4984	29	-0.23	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	208.00	22.000	209.64	14.424	4.4984	29	-0.11	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	208.02	6.0200	209.64	14.424	4.4984	29	-0.11	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0425	209.95	1.9000	209.64	14.424	4.4984	29	0.02	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	210.50	9.0000	209.64	14.424	4.4984	29	0.06	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	210.50	1.0000	209.64	14.424	4.4984	29	0.06	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	213.50	1.0000	209.64	14.424	4.4984	29	0.27	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	216.50	5.0000	209.64	14.424	4.4984	29	0.48	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	217.50	5.0000	209.64	14.424	4.4984	29	0.54	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	219.65	0.10000	209.64	14.424	4.4984	29	0.69	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0004	220.00	0.00000	209.64	14.424	4.4984	29	0.72	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	221.39	7.3100	209.64	14.424	4.4984	29	0.81	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	221.91	0.48000	209.64	14.424	4.4984	29	0.85	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	223.00	2.0000	209.64	14.424	4.4984	29	0.93	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	223.92	0.01100	209.64	14.424	4.4984	29	0.99	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	228.35	4.9000	209.64	14.424	4.4984	29	1.30	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0512	228.70	2.8000	209.64	14.424	4.4984	29	1.32	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	244.75	3.9000	209.64	14.424	4.4984	29	2.43	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	202.80	40.000	209.64	14.424	4.4984	29	-0.47	2%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0026	1.8125	0.19100	210.34	17.781	5.1846	18	-11.73	50%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	130.34	15.270	210.34	17.781	5.1846	18	-4.50	19%	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	
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	194.30	7.8000	210.34	17.781	5.1846	18	-0.90	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	195.65	4.7000	210.34	17.781	5.1846	18	-0.83	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	198.56	0.39000	210.34	17.781	5.1846	18	-0.66	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	200.00	8.0000	210.34	17.781	5.1846	18	-0.58	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	200.65	8.7000	210.34	17.781	5.1846	18	-0.55	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	206.00	4.0000	210.34	17.781	5.1846	18	-0.24	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	211.00	6.0000	210.34	17.781	5.1846	18	0.04	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	211.50	11.000	210.34	17.781	5.1846	18	0.07	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	215.50	2.2000	210.34	17.781	5.1846	18	0.29	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	218.10	1.2100	210.34	17.781	5.1846	18	0.44	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	219.20	0.26220	210.34	17.781	5.1846	18	0.50	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	219.70	1.2000	210.34	17.781	5.1846	18	0.53	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	223.00	0.00000	210.34	17.781	5.1846	18	0.71	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	228.00	2.0000	210.34	17.781	5.1846	18	0.99	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	265.40	0.40000	210.34	17.781	5.1846	18	3.10	13%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	590.00	20.000	210.34	17.781	5.1846	18	21.35	90%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	192.50	45.000	210.34	17.781	5.1846	18	-1.00	4%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	190.00	4.0000	207.89	16.126	11.085	13	-1.11	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	191.00	0.00000	207.89	16.126	11.085	13	-1.05	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	191.65	30.710	207.89	16.126	11.085	13	-1.01	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	193.50	1.0000	207.89	16.126	11.085	13	-0.89	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	197.00	12.000	207.89	16.126	11.085	13	-0.68	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	207.00	14.000	207.89	16.126	11.085	13	-0.05	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0168	210.35	30.900	207.89	16.126	11.085	13	0.15	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	213.50	3.0000	207.89	16.126	11.085	13	0.35	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	214.65	0.72000	207.89	16.126	11.085	13	0.42	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	215.30	26.000	207.89	16.126	11.085	13	0.46	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	219.00	6.0000	207.89	16.126	11.085	13	0.69	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	227.50	3.0000	207.89	16.126	11.085	13	1.22	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	240.10	12.770	207.89	16.126	11.085	13	2.00	8%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	181.18	4.1900			4.5950	2	-0.71	2%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	195.50	5.0000			4.5950	2	0.71	2%	0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0034	193.80	14.400			14.400	1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	212.00	6.0000			8.0000	2	-0.71	1%	0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	217.00	10.000			8.0000	2	0.71	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.29330	0.00080	0.32109	0.01162	0.00346	16	-2.39	4%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.30700	0.00000	0.32109	0.01162	0.00346	16	-1.21	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.30900	0.00200	0.32109	0.01162	0.00346	16	-1.04	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.31190	0.00080	0.32109	0.01162	0.00346	16	-0.79	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.31500	0.00200	0.32109	0.01162	0.00346	16	-0.52	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.31500	0.01000	0.32109	0.01162	0.00346	16	-0.52	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.31985	0.00110	0.32109	0.01162	0.00346	16	-0.11	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			
027.31	Magnesium, AAS, Dry ash (%)	0629	0.32000	0.01000	0.32109	0.01162	0.00346	16	-0.09	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.32000	0.00000	0.32109	0.01162	0.00346	16	-0.09	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0921	0.32600	0.00000	0.32109	0.01162	0.00346	16	0.42	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0178	0.32800	0.00200	0.32109	0.01162	0.00346	16	0.60	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.32950	0.00900	0.32109	0.01162	0.00346	16	0.72	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.33000	0.00000	0.32109	0.01162	0.00346	16	0.77	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.33195	0.00170	0.32109	0.01162	0.00346	16	0.94	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.33200	0.01400	0.32109	0.01162	0.00346	16	0.94	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0653	0.37800	0.00200	0.32109	0.01162	0.00346	16	4.90	9%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.31575	0.02730	0.32109	0.01162	0.00346	16	-0.46	1%	1
027.32	Magnesium, AAS, Open vessel (%)	0035	0.31115	0.00130	0.32490	0.00889	0.00088	5	-1.55	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.32080	0.00020	0.32490	0.00889	0.00088	5	-0.46	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.33000	0.00000	0.32490	0.00889	0.00088	5	0.57	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.33000	0.00000	0.32490	0.00889	0.00088	5	0.57	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.33255	0.00290	0.32490	0.00889	0.00088	5	0.86	1%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.31000	0.00000			0.00000	1			0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.29000	0.02000	0.32909	0.01423	0.00950	28	-2.75	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0695	0.30450	0.02300	0.32909	0.01423	0.00950	28	-1.73	4%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.31000	0.00000	0.32909	0.01423	0.00950	28	-1.34	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.31500	0.01000	0.32909	0.01423	0.00950	28	-0.99	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.31500	0.03000	0.32909	0.01423	0.00950	28	-0.99	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.31600	0.00600	0.32909	0.01423	0.00950	28	-0.92	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.32000	0.00000	0.32909	0.01423	0.00950	28	-0.64	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.32000	0.04000	0.32909	0.01423	0.00950	28	-0.64	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0512	0.32325	0.00790	0.32909	0.01423	0.00950	28	-0.41	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.32500	0.01000	0.32909	0.01423	0.00950	28	-0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.32500	0.01000	0.32909	0.01423	0.00950	28	-0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.32550	0.00100	0.32909	0.01423	0.00950	28	-0.25	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.32865	0.00270	0.32909	0.01423	0.00950	28	-0.03	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.33000	0.04000	0.32909	0.01423	0.00950	28	0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.33000	0.00000	0.32909	0.01423	0.00950	28	0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.33000	0.00000	0.32909	0.01423	0.00950	28	0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.33000	0.00000	0.32909	0.01423	0.00950	28	0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.33000	0.00000	0.32909	0.01423	0.00950	28	0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.33140	0.00040	0.32909	0.01423	0.00950	28	0.16	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.33865	0.00110	0.32909	0.01423	0.00950	28	0.67	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.34000	0.02000	0.32909	0.01423	0.00950	28	0.77	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.34000	0.00000	0.32909	0.01423	0.00950	28	0.77	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0425	0.34000	0.00000	0.32909	0.01423	0.00950	28	0.77	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2089	0.34000	0.00000	0.32909	0.01423	0.00950	28	0.77	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.34500	0.03000	0.32909	0.01423	0.00950	28	1.12	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.35000	0.00000	0.32909	0.01423	0.00950	28	1.47	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			
027.41	Magnesium, ICP, Dry ash (%)	0610	0.35000	0.00000	0.32909	0.01423	0.00950	28	1.47	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.35400	0.01400	0.32909	0.01423	0.00950	28	1.75	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.27050	0.05900	0.32909	0.01423	0.00950	28	-4.12	9%	1
027.42	Magnesium, ICP, Open vessel (%)	0026	0.27060	0.01880	0.32911	0.02276	0.01300	19	-2.57	9%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.30000	0.04000	0.32911	0.02276	0.01300	19	-1.28	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.30500	0.01000	0.32911	0.02276	0.01300	19	-1.06	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.31100	0.03800	0.32911	0.02276	0.01300	19	-0.80	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.31355	0.00710	0.32911	0.02276	0.01300	19	-0.68	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.32000	0.00000	0.32911	0.02276	0.01300	19	-0.40	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.32190	0.02060	0.32911	0.02276	0.01300	19	-0.32	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.32200	0.02000	0.32911	0.02276	0.01300	19	-0.31	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.32500	0.01000	0.32911	0.02276	0.01300	19	-0.18	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.32500	0.01000	0.32911	0.02276	0.01300	19	-0.18	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.32725	0.01010	0.32911	0.02276	0.01300	19	-0.08	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.32835	0.01210	0.32911	0.02276	0.01300	19	-0.03	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.34000	0.02000	0.32911	0.02276	0.01300	19	0.48	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.34250	0.00900	0.32911	0.02276	0.01300	19	0.59	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.34500	0.01000	0.32911	0.02276	0.01300	19	0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.35665	0.00170	0.32911	0.02276	0.01300	19	1.21	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.35810	0.00960	0.32911	0.02276	0.01300	19	1.27	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.36000	0.00000	0.32911	0.02276	0.01300	19	1.36	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.37000	0.00000	0.32911	0.02276	0.01300	19	1.80	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.77000	0.00600	0.32911	0.02276	0.01300	19	19.37	67%	2
027.43	Magnesium, ICP, Microwave (%)	0038	0.27850	0.00100	0.32885	0.01982	0.00723	12	-2.54	8%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.31000	0.00000	0.32885	0.01982	0.00723	12	-0.95	3%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.31000	0.00000	0.32885	0.01982	0.00723	12	-0.95	3%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.31550	0.01300	0.32885	0.01982	0.00723	12	-0.67	2%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.32400	0.00000	0.32885	0.01982	0.00723	12	-0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.32500	0.01000	0.32885	0.01982	0.00723	12	-0.19	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.33250	0.00700	0.32885	0.01982	0.00723	12	0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0168	0.34155	0.01530	0.32885	0.01982	0.00723	12	0.64	2%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.34205	0.00950	0.32885	0.01982	0.00723	12	0.67	2%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.34800	0.00800	0.32885	0.01982	0.00723	12	0.97	3%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.34850	0.00300	0.32885	0.01982	0.00723	12	0.99	3%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.35000	0.02000	0.32885	0.01982	0.00723	12	1.07	3%	0
027.44	Magnesium, ICP, Dry ash (%)	2023	0.30800	0.00200			0.00900	2	-0.71	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.31200	0.01600			0.00900	2	0.71	0%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.30855	0.01670			0.01670	1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0034	0.30175	0.01550			0.01025	2	-0.71	2%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.33050	0.00500			0.01025	2	0.71	2%	0
027.99	Magnesium, Miscellaneous (%)	0889	0.26500	0.01000	0.31500	0.05000	0.01667	3	-1.00	8%	0
027.99	Magnesium, Miscellaneous (%)	0242	0.31500	0.01000	0.31500	0.05000	0.01667	3	0.00	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			
027.99	Magnesium, Miscellaneous (%)	0100	0.36500	0.03000	0.31500	0.05000	0.01667	3	1.00	8%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	107.50	5.0000	114.91	5.7128	1.9370	13	-1.30	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0178	108.02	2.4400	114.91	5.7128	1.9370	13	-1.21	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	109.64	0.00000	114.91	5.7128	1.9370	13	-0.92	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	110.50	1.0000	114.91	5.7128	1.9370	13	-0.77	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0653	111.65	0.30000	114.91	5.7128	1.9370	13	-0.57	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	114.50	3.0000	114.91	5.7128	1.9370	13	-0.07	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	115.00	2.0000	114.91	5.7128	1.9370	13	0.02	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	117.00	2.0000	114.91	5.7128	1.9370	13	0.37	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	118.00	0.00000	114.91	5.7128	1.9370	13	0.54	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	118.75	2.5000	114.91	5.7128	1.9370	13	0.67	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	120.41	0.36000	114.91	5.7128	1.9370	13	0.96	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	121.00	6.0000	114.91	5.7128	1.9370	13	1.07	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	121.85	0.58130	114.91	5.7128	1.9370	13	1.21	3%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	1.3900	0.02000	117.63	1.0253	2.7800	4	-1.50	49%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	116.90	2.0000	117.63	1.0253	2.7800	4	0.47	16%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	118.35	1.1000	117.63	1.0253	2.7800	4	0.50	16%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	120.00	8.0000	117.63	1.0253	2.7800	4	0.53	17%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	117.98	1.3400			1.3400	1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	102.03	3.9600	114.80	5.6153	2.3376	28	-2.27	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0610	106.00	0.00000	114.80	5.6153	2.3376	28	-1.57	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	106.80	0.00000	114.80	5.6153	2.3376	28	-1.43	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	108.00	4.0000	114.80	5.6153	2.3376	28	-1.21	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	109.50	1.0000	114.80	5.6153	2.3376	28	-0.94	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0695	110.95	3.6320	114.80	5.6153	2.3376	28	-0.69	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	111.00	0.00000	114.80	5.6153	2.3376	28	-0.68	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	111.05	3.2900	114.80	5.6153	2.3376	28	-0.67	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	112.00	2.0000	114.80	5.6153	2.3376	28	-0.50	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	112.00	0.00000	114.80	5.6153	2.3376	28	-0.50	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	113.25	0.94000	114.80	5.6153	2.3376	28	-0.28	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	113.50	0.40000	114.80	5.6153	2.3376	28	-0.23	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	113.50	3.0000	114.80	5.6153	2.3376	28	-0.23	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	114.00	2.0000	114.80	5.6153	2.3376	28	-0.14	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	115.50	6.8000	114.80	5.6153	2.3376	28	0.12	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	116.47	2.5700	114.80	5.6153	2.3376	28	0.30	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0512	116.60	1.6000	114.80	5.6153	2.3376	28	0.32	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	117.50	7.0000	114.80	5.6153	2.3376	28	0.48	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	117.58	0.16000	114.80	5.6153	2.3376	28	0.49	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	118.00	4.0000	114.80	5.6153	2.3376	28	0.57	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	118.50	5.0000	114.80	5.6153	2.3376	28	0.66	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	118.53	0.16500	114.80	5.6153	2.3376	28	0.66	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	119.05	3.3000	114.80	5.6153	2.3376	28	0.76	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	
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	120.96	0.64700	114.80	5.6153	2.3376	28	1.10	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	121.00	4.0000	114.80	5.6153	2.3376	28	1.10	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	121.30	2.0000	114.80	5.6153	2.3376	28	1.16	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0425	122.05	0.90000	114.80	5.6153	2.3376	28	1.29	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2089	124.68	3.0900	114.80	5.6153	2.3376	28	1.76	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	96.700	28.080	114.80	5.6153	2.3376	28	-3.22	8%	1
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	1.0570	0.14200	119.53	7.2175	2.8504	19	-16.41	50%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	109.00	6.0000	119.53	7.2175	2.8504	19	-1.46	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	112.90	6.0000	119.53	7.2175	2.8504	19	-0.92	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	113.00	2.0000	119.53	7.2175	2.8504	19	-0.91	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	113.68	3.1500	119.53	7.2175	2.8504	19	-0.81	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	116.00	0.00000	119.53	7.2175	2.8504	19	-0.49	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	116.80	5.7265	119.53	7.2175	2.8504	19	-0.38	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	118.50	1.0000	119.53	7.2175	2.8504	19	-0.14	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	118.55	2.9000	119.53	7.2175	2.8504	19	-0.14	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	119.00	10.000	119.53	7.2175	2.8504	19	-0.07	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	120.00	4.0000	119.53	7.2175	2.8504	19	0.06	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	120.50	1.0000	119.53	7.2175	2.8504	19	0.13	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	123.30	4.8000	119.53	7.2175	2.8504	19	0.52	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	125.15	1.9000	119.53	7.2175	2.8504	19	0.78	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	125.30	0.60000	119.53	7.2175	2.8504	19	0.80	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	126.10	1.4000	119.53	7.2175	2.8504	19	0.91	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	126.23	0.54000	119.53	7.2175	2.8504	19	0.93	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	128.04	2.0000	119.53	7.2175	2.8504	19	1.18	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	301.50	1.0000	119.53	7.2175	2.8504	19	25.21	76%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	93.730	22.860	119.53	7.2175	2.8504	19	-3.57	11%	1
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	109.80	24.400	119.53	7.2175	2.8504	19	-1.35	4%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	104.50	3.0000	115.93	9.5753	2.8862	13	-1.19	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	105.00	0.00000	115.93	9.5753	2.8862	13	-1.14	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	107.77	2.0500	115.93	9.5753	2.8862	13	-0.85	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	109.50	1.0000	115.93	9.5753	2.8862	13	-0.67	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	111.00	0.00000	115.93	9.5753	2.8862	13	-0.51	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0168	111.85	1.5000	115.93	9.5753	2.8862	13	-0.43	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	113.50	1.0000	115.93	9.5753	2.8862	13	-0.25	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	120.50	5.0000	115.93	9.5753	2.8862	13	0.48	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	121.81	3.6900	115.93	9.5753	2.8862	13	0.61	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	122.13	5.7300	115.93	9.5753	2.8862	13	0.65	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	124.20	5.6000	115.93	9.5753	2.8862	13	0.86	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	125.00	2.0000	115.93	9.5753	2.8862	13	0.95	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	131.21	6.9500	115.93	9.5753	2.8862	13	1.60	7%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	101.50	1.0000			4.0000	2	-0.71	3%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	116.50	7.0000			4.0000	2	0.71	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			
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	116.00	8.0000			8.0000	1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	121.50	5.0000			5.0000	1			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	121.00	12.000			13.500	2	-0.71	1%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	123.50	15.000			13.500	2	0.71	1%	0
031.00	Phosphorus, Vol (%)	0895	0.71500	0.01000			0.01000	2	-0.71	2%	0
031.00	Phosphorus, Vol (%)	0893	0.78500	0.01000			0.01000	2	0.71	2%	0
031.01	Phosphorus, Photometric (%)	0108	0.61000	0.04000	0.72773	0.02367	0.00818	52	-4.97	8%	0
031.01	Phosphorus, Photometric (%)	2006	0.63200	0.01400	0.72773	0.02367	0.00818	52	-4.04	7%	0
031.01	Phosphorus, Photometric (%)	0623	0.64885	0.00030	0.72773	0.02367	0.00818	52	-3.33	5%	0
031.01	Phosphorus, Photometric (%)	0646	0.68500	0.01000	0.72773	0.02367	0.00818	52	-1.81	3%	0
031.01	Phosphorus, Photometric (%)	0874	0.69400	0.00200	0.72773	0.02367	0.00818	52	-1.42	2%	0
031.01	Phosphorus, Photometric (%)	0689	0.70000	0.00000	0.72773	0.02367	0.00818	52	-1.17	2%	0
031.01	Phosphorus, Photometric (%)	0884	0.70000	0.02000	0.72773	0.02367	0.00818	52	-1.17	2%	0
031.01	Phosphorus, Photometric (%)	0921	0.70390	0.00000	0.72773	0.02367	0.00818	52	-1.01	2%	0
031.01	Phosphorus, Photometric (%)	0529	0.70500	0.01000	0.72773	0.02367	0.00818	52	-0.96	2%	0
031.01	Phosphorus, Photometric (%)	2086	0.70500	0.01000	0.72773	0.02367	0.00818	52	-0.96	2%	0
031.01	Phosphorus, Photometric (%)	0651	0.70650	0.00500	0.72773	0.02367	0.00818	52	-0.90	1%	0
031.01	Phosphorus, Photometric (%)	0620	0.70735	0.00090	0.72773	0.02367	0.00818	52	-0.86	1%	0
031.01	Phosphorus, Photometric (%)	0674	0.71000	0.00000	0.72773	0.02367	0.00818	52	-0.75	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.71250	0.00500	0.72773	0.02367	0.00818	52	-0.64	1%	0
031.01	Phosphorus, Photometric (%)	0728	0.71500	0.01000	0.72773	0.02367	0.00818	52	-0.54	1%	0
031.01	Phosphorus, Photometric (%)	0849	0.71900	0.00200	0.72773	0.02367	0.00818	52	-0.37	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.72000	0.00600	0.72773	0.02367	0.00818	52	-0.33	1%	0
031.01	Phosphorus, Photometric (%)	0354	0.72000	0.00000	0.72773	0.02367	0.00818	52	-0.33	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.72000	0.02000	0.72773	0.02367	0.00818	52	-0.33	1%	0
031.01	Phosphorus, Photometric (%)	0263	0.72015	0.00110	0.72773	0.02367	0.00818	52	-0.32	1%	0
031.01	Phosphorus, Photometric (%)	0653	0.72100	0.01600	0.72773	0.02367	0.00818	52	-0.28	0%	0
031.01	Phosphorus, Photometric (%)	0626	0.72200	0.01800	0.72773	0.02367	0.00818	52	-0.24	0%	0
031.01	Phosphorus, Photometric (%)	0142	0.72500	0.01000	0.72773	0.02367	0.00818	52	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	0175	0.72500	0.01000	0.72773	0.02367	0.00818	52	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.72520	0.00280	0.72773	0.02367	0.00818	52	-0.11	0%	0
031.01	Phosphorus, Photometric (%)	0178	0.72550	0.01500	0.72773	0.02367	0.00818	52	-0.09	0%	0
031.01	Phosphorus, Photometric (%)	0622	0.72980	0.00620	0.72773	0.02367	0.00818	52	0.09	0%	0
031.01	Phosphorus, Photometric (%)	0511	0.73000	0.00000	0.72773	0.02367	0.00818	52	0.10	0%	0
031.01	Phosphorus, Photometric (%)	2011	0.73000	0.00000	0.72773	0.02367	0.00818	52	0.10	0%	0
031.01	Phosphorus, Photometric (%)	0897	0.73150	0.00100	0.72773	0.02367	0.00818	52	0.16	0%	0
031.01	Phosphorus, Photometric (%)	0723	0.73170	0.00000	0.72773	0.02367	0.00818	52	0.17	0%	0
031.01	Phosphorus, Photometric (%)	0868	0.73200	0.00600	0.72773	0.02367	0.00818	52	0.18	0%	0
031.01	Phosphorus, Photometric (%)	0683	0.73500	0.01000	0.72773	0.02367	0.00818	52	0.31	0%	0
031.01	Phosphorus, Photometric (%)	2022	0.73500	0.01000	0.72773	0.02367	0.00818	52	0.31	0%	0
031.01	Phosphorus, Photometric (%)	0609	0.74000	0.00000	0.72773	0.02367	0.00818	52	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0937	0.74000	0.00000	0.72773	0.02367	0.00818	52	0.52	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			
031.01	Phosphorus, Photometric (%)	0940	0.74000	0.04000	0.72773	0.02367	0.00818	52	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.74000	0.00000	0.72773	0.02367	0.00818	52	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0896	0.74500	0.01000	0.72773	0.02367	0.00818	52	0.73	1%	0
031.01	Phosphorus, Photometric (%)	2093	0.74500	0.01000	0.72773	0.02367	0.00818	52	0.73	1%	0
031.01	Phosphorus, Photometric (%)	2097	0.74995	0.00910	0.72773	0.02367	0.00818	52	0.94	2%	0
031.01	Phosphorus, Photometric (%)	0903	0.75000	0.00000	0.72773	0.02367	0.00818	52	0.94	2%	0
031.01	Phosphorus, Photometric (%)	0939	0.75000	0.02000	0.72773	0.02367	0.00818	52	0.94	2%	0
031.01	Phosphorus, Photometric (%)	2068	0.75000	0.00000	0.72773	0.02367	0.00818	52	0.94	2%	0
031.01	Phosphorus, Photometric (%)	0035	0.75350	0.00100	0.72773	0.02367	0.00818	52	1.09	2%	0
031.01	Phosphorus, Photometric (%)	0208	0.75350	0.00300	0.72773	0.02367	0.00818	52	1.09	2%	0
031.01	Phosphorus, Photometric (%)	0885	0.75500	0.01000	0.72773	0.02367	0.00818	52	1.15	2%	0
031.01	Phosphorus, Photometric (%)	2067	0.75750	0.00100	0.72773	0.02367	0.00818	52	1.26	2%	0
031.01	Phosphorus, Photometric (%)	0900	0.76000	0.02000	0.72773	0.02367	0.00818	52	1.36	2%	0
031.01	Phosphorus, Photometric (%)	0934	0.76000	0.00000	0.72773	0.02367	0.00818	52	1.36	2%	0
031.01	Phosphorus, Photometric (%)	2091	0.76500	0.03000	0.72773	0.02367	0.00818	52	1.57	3%	0
031.01	Phosphorus, Photometric (%)	0650	0.77500	0.01000	0.72773	0.02367	0.00818	52	2.00	3%	0
031.01	Phosphorus, Photometric (%)	2018	0.67500	0.05000	0.72773	0.02367	0.00818	52	-2.23	4%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	0.71980	0.00420	0.73160	0.01052	0.00473	3	-1.12	1%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.73500	0.01000	0.73160	0.01052	0.00473	3	0.32	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.74000	0.00000	0.73160	0.01052	0.00473	3	0.80	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.71500	0.03000	0.73487	0.02060	0.01526	5	-0.96	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.71800	0.00600	0.73487	0.02060	0.01526	5	-0.82	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.73500	0.01000	0.73487	0.02060	0.01526	5	0.01	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.74000	0.02000	0.73487	0.02060	0.01526	5	0.25	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.76635	0.01030	0.73487	0.02060	0.01526	5	1.53	2%	0
031.06	Phosphorus, Hach Method (%)	0138	0.72600	0.00800			0.00800	1			0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.68000	0.02000	0.74057	0.03008	0.01669	36	-2.01	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.69850	0.00500	0.74057	0.03008	0.01669	36	-1.40	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.70000	0.06000	0.74057	0.03008	0.01669	36	-1.35	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.70000	0.04000	0.74057	0.03008	0.01669	36	-1.35	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.70500	0.01000	0.74057	0.03008	0.01669	36	-1.18	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.71000	0.02000	0.74057	0.03008	0.01669	36	-1.02	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.72000	0.00000	0.74057	0.03008	0.01669	36	-0.68	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.72000	0.00000	0.74057	0.03008	0.01669	36	-0.68	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0610	0.72000	0.00000	0.74057	0.03008	0.01669	36	-0.68	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0695	0.72000	0.04800	0.74057	0.03008	0.01669	36	-0.68	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.72400	0.00800	0.74057	0.03008	0.01669	36	-0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.72500	0.01000	0.74057	0.03008	0.01669	36	-0.52	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.73000	0.00000	0.74057	0.03008	0.01669	36	-0.35	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.73000	0.00000	0.74057	0.03008	0.01669	36	-0.35	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.73000	0.00000	0.74057	0.03008	0.01669	36	-0.35	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.73500	0.01000	0.74057	0.03008	0.01669	36	-0.19	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	
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.73565	0.00410	0.74057	0.03008	0.01669	36	-0.16	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.73850	0.00300	0.74057	0.03008	0.01669	36	-0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	0.74000	0.00000	0.74057	0.03008	0.01669	36	-0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0860	0.74240	0.00000	0.74057	0.03008	0.01669	36	0.06	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.74500	0.01000	0.74057	0.03008	0.01669	36	0.15	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2089	0.74500	0.03000	0.74057	0.03008	0.01669	36	0.15	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.75000	0.04000	0.74057	0.03008	0.01669	36	0.31	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.75180	0.03580	0.74057	0.03008	0.01669	36	0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.75500	0.01000	0.74057	0.03008	0.01669	36	0.48	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.75500	0.01000	0.74057	0.03008	0.01669	36	0.48	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.75615	0.00070	0.74057	0.03008	0.01669	36	0.52	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	0.75970	0.01300	0.74057	0.03008	0.01669	36	0.64	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.76500	0.01000	0.74057	0.03008	0.01669	36	0.81	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0425	0.76500	0.03000	0.74057	0.03008	0.01669	36	0.81	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.78500	0.05000	0.74057	0.03008	0.01669	36	1.48	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.79000	0.02000	0.74057	0.03008	0.01669	36	1.64	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.80000	0.08000	0.74057	0.03008	0.01669	36	1.98	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.81250	0.00700	0.74057	0.03008	0.01669	36	2.39	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.82020	0.00620	0.74057	0.03008	0.01669	36	2.65	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.90500	0.01000	0.74057	0.03008	0.01669	36	5.47	11%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.60550	0.12900	0.74057	0.03008	0.01669	36	-4.49	9%	1
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.61000	0.00000	0.73783	0.05242	0.07523	21	-2.44	9%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.62000	0.10000	0.73783	0.05242	0.07523	21	-2.25	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.67500	0.01000	0.73783	0.05242	0.07523	21	-1.20	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.68600	0.06600	0.73783	0.05242	0.07523	21	-0.99	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.68725	0.04230	0.73783	0.05242	0.07523	21	-0.96	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.71090	0.01060	0.73783	0.05242	0.07523	21	-0.51	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.71250	0.00100	0.73783	0.05242	0.07523	21	-0.48	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	0.71275	0.02230	0.73783	0.05242	0.07523	21	-0.48	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.71500	0.01000	0.73783	0.05242	0.07523	21	-0.44	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.73000	0.00000	0.73783	0.05242	0.07523	21	-0.15	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.74020	0.03460	0.73783	0.05242	0.07523	21	0.05	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.75000	0.02200	0.73783	0.05242	0.07523	21	0.23	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.75300	0.01600	0.73783	0.05242	0.07523	21	0.29	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.76820	0.02800	0.73783	0.05242	0.07523	21	0.58	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.77000	0.00000	0.73783	0.05242	0.07523	21	0.61	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.77285	0.00370	0.73783	0.05242	0.07523	21	0.67	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.78000	0.02000	0.73783	0.05242	0.07523	21	0.80	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.78000	0.02000	0.73783	0.05242	0.07523	21	0.80	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.79000	0.00000	0.73783	0.05242	0.07523	21	1.00	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	1.2284	1.1433	0.73783	0.05242	0.07523	21	9.36	33%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.6650	0.03000	0.73783	0.05242	0.07523	21	17.69	63%	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 (%)	0186	404.42	807.16	0.73783	0.05242	0.07523	21	7700.64	27356%	2
031.43	Phosphorus, ICP, Microwave (%)	0038	0.70650	0.01100	0.74190	0.02840	0.01321	14	-1.25	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.71000	0.00000	0.74190	0.02840	0.01321	14	-1.12	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.71500	0.01000	0.74190	0.02840	0.01321	14	-0.95	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	0.72000	0.02000	0.74190	0.02840	0.01321	14	-0.77	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.73000	0.00000	0.74190	0.02840	0.01321	14	-0.42	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.73500	0.01000	0.74190	0.02840	0.01321	14	-0.24	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.73500	0.01200	0.74190	0.02840	0.01321	14	-0.24	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.74150	0.01500	0.74190	0.02840	0.01321	14	-0.01	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.74950	0.00640	0.74190	0.02840	0.01321	14	0.27	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.75000	0.00000	0.74190	0.02840	0.01321	14	0.29	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.75900	0.01200	0.74190	0.02840	0.01321	14	0.60	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	0.77350	0.04900	0.74190	0.02840	0.01321	14	1.11	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.78000	0.02200	0.74190	0.02840	0.01321	14	1.34	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.78175	0.01750	0.74190	0.02840	0.01321	14	1.40	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.78515	0.06650	0.74190	0.02840	0.01321	14	1.52	3%	1
031.44	Phosphorus, ICP, Dry ash (%)	2023	0.65050	0.00300			0.00700	2	-0.71	3%	0
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.71950	0.01100			0.00700	2	0.71	3%	0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.65195	0.02510			0.02510	1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0034	0.68145	0.03410			0.04955	2	-0.71	2%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.74150	0.06500			0.04955	2	0.71	2%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.70500	0.01000	0.72800	0.02361	0.02000	5	-0.97	2%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.70500	0.01000	0.72800	0.02361	0.02000	5	-0.97	2%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.73000	0.02000	0.72800	0.02361	0.02000	5	0.08	0%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.74000	0.02000	0.72800	0.02361	0.02000	5	0.51	1%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.76000	0.04000	0.72800	0.02361	0.02000	5	1.36	2%	0
032.02	Potassium, Flame Emission (%)	0047	1.1200	0.02000			0.04000	2	-0.71	3%	0
032.02	Potassium, Flame Emission (%)	0590	1.2600	0.06000			0.04000	2	0.71	3%	0
032.31	Potassium, AAS, Dry ash (%)	0921	0.84400	0.00000	1.2090	0.06390	0.01333	20	-5.71	15%	0
032.31	Potassium, AAS, Dry ash (%)	0689	1.1050	0.01000	1.2090	0.06390	0.01333	20	-1.63	4%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.1400	0.00000	1.2090	0.06390	0.01333	20	-1.08	3%	0
032.31	Potassium, AAS, Dry ash (%)	2022	1.1510	0.01200	1.2090	0.06390	0.01333	20	-0.91	2%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.1607	0.00310	1.2090	0.06390	0.01333	20	-0.76	2%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.1637	0.00820	1.2090	0.06390	0.01333	20	-0.71	2%	0
032.31	Potassium, AAS, Dry ash (%)	0505	1.1890	0.00600	1.2090	0.06390	0.01333	20	-0.31	1%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.1990	0.01000	1.2090	0.06390	0.01333	20	-0.16	0%	0
032.31	Potassium, AAS, Dry ash (%)	2018	1.2000	0.04000	1.2090	0.06390	0.01333	20	-0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0653	1.2035	0.02100	1.2090	0.06390	0.01333	20	-0.09	0%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.2175	0.01500	1.2090	0.06390	0.01333	20	0.13	0%	0
032.31	Potassium, AAS, Dry ash (%)	0014	1.2300	0.00000	1.2090	0.06390	0.01333	20	0.33	1%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.2300	0.02000	1.2090	0.06390	0.01333	20	0.33	1%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.2300	0.00000	1.2090	0.06390	0.01333	20	0.33	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	
032.31	Potassium, AAS, Dry ash (%)	0948	1.2450	0.01000	1.2090	0.06390	0.01333	20	0.56	1%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.2500	0.02000	1.2090	0.06390	0.01333	20	0.64	2%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.2626	0.03130	1.2090	0.06390	0.01333	20	0.84	2%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.2700	0.02000	1.2090	0.06390	0.01333	20	0.95	3%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.3050	0.03000	1.2090	0.06390	0.01333	20	1.50	4%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.3150	0.01000	1.2090	0.06390	0.01333	20	1.66	4%	0
032.31	Potassium, AAS, Dry ash (%)	0683	1.0700	0.10000	1.2090	0.06390	0.01333	20	-2.18	6%	1
032.31	Potassium, AAS, Dry ash (%)	0178	2.5700	0.08000	1.2090	0.06390	0.01333	20	21.30	56%	2
032.32	Potassium, AAS, Open vessel (%)	0169	1.2000	0.02000	1.2361	0.02867	0.01425	4	-1.26	1%	0
032.32	Potassium, AAS, Open vessel (%)	0612	1.2350	0.01000	1.2361	0.02867	0.01425	4	-0.04	0%	0
032.32	Potassium, AAS, Open vessel (%)	0035	1.2395	0.00700	1.2361	0.02867	0.01425	4	0.12	0%	0
032.32	Potassium, AAS, Open vessel (%)	0609	1.2700	0.02000	1.2361	0.02867	0.01425	4	1.18	1%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.0850	0.01000	1.2122	0.06545	0.01771	31	-1.94	5%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.1100	0.04000	1.2122	0.06545	0.01771	31	-1.56	4%	0
032.41	Potassium, ICP, Dry ash (%)	0720	1.1100	0.02000	1.2122	0.06545	0.01771	31	-1.56	4%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.1180	0.00400	1.2122	0.06545	0.01771	31	-1.44	4%	0
032.41	Potassium, ICP, Dry ash (%)	0682	1.1200	0.00000	1.2122	0.06545	0.01771	31	-1.41	4%	0
032.41	Potassium, ICP, Dry ash (%)	0004	1.1550	0.05000	1.2122	0.06545	0.01771	31	-0.87	2%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.1550	0.03000	1.2122	0.06545	0.01771	31	-0.87	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.1700	0.02000	1.2122	0.06545	0.01771	31	-0.65	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.1775	0.00300	1.2122	0.06545	0.01771	31	-0.53	1%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.1794	0.00140	1.2122	0.06545	0.01771	31	-0.50	1%	0
032.41	Potassium, ICP, Dry ash (%)	0083	1.1800	0.02000	1.2122	0.06545	0.01771	31	-0.49	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.1940	0.00600	1.2122	0.06545	0.01771	31	-0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.1950	0.01000	1.2122	0.06545	0.01771	31	-0.26	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.2100	0.00000	1.2122	0.06545	0.01771	31	-0.03	0%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.2200	0.02000	1.2122	0.06545	0.01771	31	0.12	0%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.2200	0.02000	1.2122	0.06545	0.01771	31	0.12	0%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.2250	0.01000	1.2122	0.06545	0.01771	31	0.20	1%	0
032.41	Potassium, ICP, Dry ash (%)	0512	1.2290	0.00600	1.2122	0.06545	0.01771	31	0.26	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.2310	0.00800	1.2122	0.06545	0.01771	31	0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.2350	0.01000	1.2122	0.06545	0.01771	31	0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.2420	0.01000	1.2122	0.06545	0.01771	31	0.45	1%	0
032.41	Potassium, ICP, Dry ash (%)	2089	1.2600	0.06000	1.2122	0.06545	0.01771	31	0.73	2%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.2650	0.01000	1.2122	0.06545	0.01771	31	0.81	2%	0
032.41	Potassium, ICP, Dry ash (%)	0610	1.2650	0.01000	1.2122	0.06545	0.01771	31	0.81	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.2700	0.02000	1.2122	0.06545	0.01771	31	0.88	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.2712	0.08060	1.2122	0.06545	0.01771	31	0.90	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.2750	0.01000	1.2122	0.06545	0.01771	31	0.96	3%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.2800	0.02000	1.2122	0.06545	0.01771	31	1.04	3%	0
032.41	Potassium, ICP, Dry ash (%)	0425	1.2800	0.00000	1.2122	0.06545	0.01771	31	1.04	3%	0
032.41	Potassium, ICP, Dry ash (%)	0848	1.2850	0.01000	1.2122	0.06545	0.01771	31	1.11	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	
032.41	Potassium, ICP, Dry ash (%)	0405	1.3750	0.03000	1.2122	0.06545	0.01771	31	2.49	7%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.2250	0.21000	1.2122	0.06545	0.01771	31	0.20	1%	1
032.42	Potassium, ICP, Open vessel (%)	0202	0.97000	0.00000	1.2317	0.05411	0.05364	21	-4.84	11%	0
032.42	Potassium, ICP, Open vessel (%)	0026	1.0261	0.06780	1.2317	0.05411	0.05364	21	-3.80	8%	0
032.42	Potassium, ICP, Open vessel (%)	0613	1.0850	0.11000	1.2317	0.05411	0.05364	21	-2.71	6%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.1850	0.03000	1.2317	0.05411	0.05364	21	-0.86	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.1950	0.21000	1.2317	0.05411	0.05364	21	-0.68	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.2000	0.14000	1.2317	0.05411	0.05364	21	-0.58	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.2050	0.03000	1.2317	0.05411	0.05364	21	-0.49	1%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.2050	0.01200	1.2317	0.05411	0.05364	21	-0.49	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.2200	0.06000	1.2317	0.05411	0.05364	21	-0.22	0%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.2300	0.02000	1.2317	0.05411	0.05364	21	-0.03	0%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.2335	0.05700	1.2317	0.05411	0.05364	21	0.03	0%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.2345	0.01900	1.2317	0.05411	0.05364	21	0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.2450	0.05000	1.2317	0.05411	0.05364	21	0.25	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.2450	0.01000	1.2317	0.05411	0.05364	21	0.25	1%	0
032.42	Potassium, ICP, Open vessel (%)	0555	1.2463	0.06940	1.2317	0.05411	0.05364	21	0.27	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.2468	0.04660	1.2317	0.05411	0.05364	21	0.28	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.2663	0.14970	1.2317	0.05411	0.05364	21	0.64	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.3400	0.00000	1.2317	0.05411	0.05364	21	2.00	4%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.3415	0.00500	1.2317	0.05411	0.05364	21	2.03	4%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.3450	0.03000	1.2317	0.05411	0.05364	21	2.09	5%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.3950	0.01000	1.2317	0.05411	0.05364	21	3.02	7%	0
032.42	Potassium, ICP, Open vessel (%)	0042	3.4450	0.09000	1.2317	0.05411	0.05364	21	40.91	90%	2
032.43	Potassium, ICP, Microwave (%)	0968	1.0985	0.00500	1.2352	0.03448	0.02350	15	-3.96	6%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.1650	0.03000	1.2352	0.03448	0.02350	15	-2.04	3%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.1900	0.00000	1.2352	0.03448	0.02350	15	-1.31	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.2000	0.02000	1.2352	0.03448	0.02350	15	-1.02	1%	0
032.43	Potassium, ICP, Microwave (%)	0028	1.2200	0.02000	1.2352	0.03448	0.02350	15	-0.44	1%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.2200	0.02000	1.2352	0.03448	0.02350	15	-0.44	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.2415	0.01300	1.2352	0.03448	0.02350	15	0.18	0%	0
032.43	Potassium, ICP, Microwave (%)	0168	1.2425	0.06300	1.2352	0.03448	0.02350	15	0.21	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.2450	0.03000	1.2352	0.03448	0.02350	15	0.28	0%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.2528	0.03890	1.2352	0.03448	0.02350	15	0.51	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.2569	0.00260	1.2352	0.03448	0.02350	15	0.63	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.2600	0.02000	1.2352	0.03448	0.02350	15	0.72	1%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.2600	0.04000	1.2352	0.03448	0.02350	15	0.72	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.2650	0.01000	1.2352	0.03448	0.02350	15	0.86	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.3100	0.04000	1.2352	0.03448	0.02350	15	2.17	3%	0
032.44	Potassium, ICP, Dry ash (%)	2023	1.0750	0.01000			0.00500	2	-0.71	3%	0
032.44	Potassium, ICP, Dry ash (%)	2004	1.2000	0.00000			0.00500	2	0.71	3%	0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.1544	0.04330			0.04330	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			
032.53	Potassium, ICP-MS, Microwave (%)	0034	1.2160	0.06200			0.04100	2	-0.71	2%	0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.3300	0.02000			0.04100	2	0.71	2%	0
032.99	Potassium, Miscellaneous (%)	0001	1.2545	0.01100	1.3174	0.04578	0.01525	4	-1.37	2%	0
032.99	Potassium, Miscellaneous (%)	0889	1.3150	0.01000	1.3174	0.04578	0.01525	4	-0.05	0%	0
032.99	Potassium, Miscellaneous (%)	0242	1.3400	0.00000	1.3174	0.04578	0.01525	4	0.49	1%	0
032.99	Potassium, Miscellaneous (%)	0100	1.3600	0.04000	1.3174	0.04578	0.01525	4	0.93	2%	0
033.00	Salt as chloride, Sol Cl (%)	0895	0.38500	0.01000	0.49630	0.08241	0.01907	27	-1.35	11%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.40000	0.00000	0.49630	0.08241	0.01907	27	-1.17	10%	0
033.00	Salt as chloride, Sol Cl (%)	2086	0.42000	0.02000	0.49630	0.08241	0.01907	27	-0.93	8%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.42500	0.03000	0.49630	0.08241	0.01907	27	-0.87	7%	0
033.00	Salt as chloride, Sol Cl (%)	0903	0.42500	0.01000	0.49630	0.08241	0.01907	27	-0.87	7%	0
033.00	Salt as chloride, Sol Cl (%)	0934	0.43000	0.00000	0.49630	0.08241	0.01907	27	-0.80	7%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.43500	0.01000	0.49630	0.08241	0.01907	27	-0.74	6%	0
033.00	Salt as chloride, Sol Cl (%)	0893	0.44500	0.01000	0.49630	0.08241	0.01907	27	-0.62	5%	0
033.00	Salt as chloride, Sol Cl (%)	0896	0.44500	0.01000	0.49630	0.08241	0.01907	27	-0.62	5%	0
033.00	Salt as chloride, Sol Cl (%)	2091	0.44500	0.01000	0.49630	0.08241	0.01907	27	-0.62	5%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.44840	0.02460	0.49630	0.08241	0.01907	27	-0.58	5%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.46360	0.00320	0.49630	0.08241	0.01907	27	-0.40	3%	0
033.00	Salt as chloride, Sol Cl (%)	2093	0.47345	0.00570	0.49630	0.08241	0.01907	27	-0.28	2%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.48000	0.02000	0.49630	0.08241	0.01907	27	-0.20	2%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.48500	0.01000	0.49630	0.08241	0.01907	27	-0.14	1%	0
033.00	Salt as chloride, Sol Cl (%)	0723	0.49000	0.00000	0.49630	0.08241	0.01907	27	-0.08	1%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.50450	0.03100	0.49630	0.08241	0.01907	27	0.10	1%	0
033.00	Salt as chloride, Sol Cl (%)	0683	0.50500	0.03000	0.49630	0.08241	0.01907	27	0.11	1%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.55000	0.06000	0.49630	0.08241	0.01907	27	0.65	5%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.57350	0.06500	0.49630	0.08241	0.01907	27	0.94	8%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.57500	0.03000	0.49630	0.08241	0.01907	27	0.95	8%	0
033.00	Salt as chloride, Sol Cl (%)	2068	0.58500	0.01000	0.49630	0.08241	0.01907	27	1.08	9%	0
033.00	Salt as chloride, Sol Cl (%)	0169	0.61000	0.00000	0.49630	0.08241	0.01907	27	1.38	11%	0
033.00	Salt as chloride, Sol Cl (%)	2006	0.61600	0.01400	0.49630	0.08241	0.01907	27	1.45	12%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.64500	0.07000	0.49630	0.08241	0.01907	27	1.80	15%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.68355	0.03130	0.49630	0.08241	0.01907	27	2.27	19%	0
033.00	Salt as chloride, Sol Cl (%)	0674	0.71000	0.00000	0.49630	0.08241	0.01907	27	2.59	22%	0
033.01	Salt as chloride, Poten Cl (%)	0868	0.46000	0.02000	0.52055	0.01686	0.01015	35	-3.59	6%	0
033.01	Salt as chloride, Poten Cl (%)	0937	0.46000	0.00000	0.52055	0.01686	0.01015	35	-3.59	6%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.48500	0.01000	0.52055	0.01686	0.01015	35	-2.11	3%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.50000	0.02000	0.52055	0.01686	0.01015	35	-1.22	2%	0
033.01	Salt as chloride, Poten Cl (%)	0011	0.50015	0.00430	0.52055	0.01686	0.01015	35	-1.21	2%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.50500	0.01000	0.52055	0.01686	0.01015	35	-0.92	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.50650	0.00100	0.52055	0.01686	0.01015	35	-0.83	1%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.51000	0.00000	0.52055	0.01686	0.01015	35	-0.63	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.51000	0.00000	0.52055	0.01686	0.01015	35	-0.63	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	
033.01	Salt as chloride, Poten Cl (%)	0226	0.51000	0.00000	0.52055	0.01686	0.01015	35	-0.63	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.51000	0.00000	0.52055	0.01686	0.01015	35	-0.63	1%	0
033.01	Salt as chloride, Poten Cl (%)	0683	0.51000	0.02000	0.52055	0.01686	0.01015	35	-0.63	1%	0
033.01	Salt as chloride, Poten Cl (%)	0861	0.51000	0.00000	0.52055	0.01686	0.01015	35	-0.63	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.51500	0.01000	0.52055	0.01686	0.01015	35	-0.33	1%	0
033.01	Salt as chloride, Poten Cl (%)	0964	0.51600	0.02800	0.52055	0.01686	0.01015	35	-0.27	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.51850	0.00300	0.52055	0.01686	0.01015	35	-0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.52000	0.04000	0.52055	0.01686	0.01015	35	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.52000	0.00000	0.52055	0.01686	0.01015	35	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	0.52000	0.00000	0.52055	0.01686	0.01015	35	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.52000	0.00000	0.52055	0.01686	0.01015	35	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	2006	0.52250	0.00700	0.52055	0.01686	0.01015	35	0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.52500	0.01000	0.52055	0.01686	0.01015	35	0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0629	0.52500	0.00000	0.52055	0.01686	0.01015	35	0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	2023	0.52500	0.01000	0.52055	0.01686	0.01015	35	0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.53000	0.00000	0.52055	0.01686	0.01015	35	0.56	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	0.53400	0.01200	0.52055	0.01686	0.01015	35	0.80	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.53500	0.01000	0.52055	0.01686	0.01015	35	0.86	1%	0
033.01	Salt as chloride, Poten Cl (%)	0413	0.53500	0.03000	0.52055	0.01686	0.01015	35	0.86	1%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.54000	0.00000	0.52055	0.01686	0.01015	35	1.15	2%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.55000	0.02000	0.52055	0.01686	0.01015	35	1.75	3%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.56000	0.02000	0.52055	0.01686	0.01015	35	2.34	4%	0
033.01	Salt as chloride, Poten Cl (%)	2011	0.56000	0.00000	0.52055	0.01686	0.01015	35	2.34	4%	0
033.01	Salt as chloride, Poten Cl (%)	0874	0.56730	0.00000	0.52055	0.01686	0.01015	35	2.77	4%	0
033.01	Salt as chloride, Poten Cl (%)	0650	0.60500	0.03000	0.52055	0.01686	0.01015	35	5.01	8%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.68000	0.04000	0.52055	0.01686	0.01015	35	9.46	15%	0
033.03	Salt as chloride, Quantab (%)	0265	0.42000	0.00000	0.48124	0.03384	0.01667	6	-1.81	6%	0
033.03	Salt as chloride, Quantab (%)	0505	0.45500	0.01000	0.48124	0.03384	0.01667	6	-0.78	3%	0
033.03	Salt as chloride, Quantab (%)	0144	0.48000	0.00000	0.48124	0.03384	0.01667	6	-0.04	0%	0
033.03	Salt as chloride, Quantab (%)	0726	0.49500	0.03000	0.48124	0.03384	0.01667	6	0.41	1%	0
033.03	Salt as chloride, Quantab (%)	0190	0.51000	0.06000	0.48124	0.03384	0.01667	6	0.85	3%	0
033.03	Salt as chloride, Quantab (%)	0860	0.51000	0.00000	0.48124	0.03384	0.01667	6	0.85	3%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.51000	0.02000	0.56333	0.07974	0.02000	3	-0.67	5%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.52500	0.01000	0.56333	0.07974	0.02000	3	-0.48	3%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	0.65500	0.03000	0.56333	0.07974	0.02000	3	1.15	8%	0
033.99	Salt, Miscellaneous (%)	2073	0.51000	0.02000	0.54998	0.03920	0.01926	7	-1.02	4%	0
033.99	Salt, Miscellaneous (%)	0613	0.51950	0.04900	0.54998	0.03920	0.01926	7	-0.78	3%	0
033.99	Salt, Miscellaneous (%)	0619	0.52850	0.00700	0.54998	0.03920	0.01926	7	-0.55	2%	0
033.99	Salt, Miscellaneous (%)	0208	0.53360	0.00880	0.54998	0.03920	0.01926	7	-0.42	1%	0
033.99	Salt, Miscellaneous (%)	0358	0.62000	0.02000	0.54998	0.03920	0.01926	7	1.79	6%	0
033.99	Salt, Miscellaneous (%)	0027	0.69500	0.01000	0.54998	0.03920	0.01926	7	3.70	13%	0
033.99	Salt, Miscellaneous (%)	0681	1.0100	0.02000	0.54998	0.03920	0.01926	7	11.73	42%	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			
034.01	Selenium, Fluor (mg / kg (ppm))	0038	0.52900	0.01600			0.01600	1			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.47500	0.01000	0.53380	0.06426	0.01720	5	-0.91	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.48400	0.01600	0.53380	0.06426	0.01720	5	-0.77	5%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.52500	0.03000	0.53380	0.06426	0.01720	5	-0.14	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.55000	0.02000	0.53380	0.06426	0.01720	5	0.25	2%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	0.63500	0.01000	0.53380	0.06426	0.01720	5	1.57	9%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.45300	0.02800			0.02800	1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	0.68005	0.00850			0.00850	1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.55000	0.00000	0.58150	0.04455	0.04400	3	-1.07	4%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.61300	0.01200	0.58150	0.04455	0.04400	3	0.17	1%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.65000	0.12000	0.58150	0.04455	0.04400	3	0.90	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0034	0.53550	0.01600	0.64920	0.12202	0.05450	6	-0.93	9%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.56650	0.09300	0.64920	0.12202	0.05450	6	-0.68	6%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.56900	0.00200	0.64920	0.12202	0.05450	6	-0.66	6%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	0.70000	0.00000	0.64920	0.12202	0.05450	6	0.42	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.71950	0.01900	0.64920	0.12202	0.05450	6	0.58	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0168	2.3055	0.19700	0.64920	0.12202	0.05450	6	13.57	128%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	0.55500	0.03000			0.03000	1			0
035.01	Sodium, Ion-selective electrode (%)	0138	0.24150	0.00300	0.24350	0.00180	0.00433	3	-1.11	0%	0
035.01	Sodium, Ion-selective electrode (%)	0868	0.24400	0.00200	0.24350	0.00180	0.00433	3	0.28	0%	0
035.01	Sodium, Ion-selective electrode (%)	2006	0.24500	0.00800	0.24350	0.00180	0.00433	3	0.83	0%	0
035.05	Sodium, Flame Emission (%)	0108	0.26000	0.02000			0.01700	2	-0.71	1%	0
035.05	Sodium, Flame Emission (%)	0590	0.26900	0.01400			0.01700	2	0.71	1%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.22870	0.00000	0.24940	0.01266	0.00541	18	-1.64	4%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.23595	0.00630	0.24940	0.01266	0.00541	18	-1.06	3%	0
035.31	Sodium, AAS, Dry ash (%)	0178	0.24000	0.00000	0.24940	0.01266	0.00541	18	-0.74	2%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.24000	0.01000	0.24940	0.01266	0.00541	18	-0.74	2%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.24000	0.00000	0.24940	0.01266	0.00541	18	-0.74	2%	0
035.31	Sodium, AAS, Dry ash (%)	2018	0.24000	0.02000	0.24940	0.01266	0.00541	18	-0.74	2%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.24200	0.00400	0.24940	0.01266	0.00541	18	-0.58	1%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.24500	0.01000	0.24940	0.01266	0.00541	18	-0.35	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.24550	0.00100	0.24940	0.01266	0.00541	18	-0.31	1%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.25000	0.00000	0.24940	0.01266	0.00541	18	0.05	0%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.25185	0.00070	0.24940	0.01266	0.00541	18	0.19	0%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.25350	0.00100	0.24940	0.01266	0.00541	18	0.32	1%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.25500	0.01000	0.24940	0.01266	0.00541	18	0.44	1%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.26000	0.00400	0.24940	0.01266	0.00541	18	0.84	2%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.27500	0.00600	0.24940	0.01266	0.00541	18	2.02	5%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.27705	0.00430	0.24940	0.01266	0.00541	18	2.18	6%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.28500	0.01000	0.24940	0.01266	0.00541	18	2.81	7%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.31500	0.01000	0.24940	0.01266	0.00541	18	5.18	13%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.23000	0.00000	0.25728	0.02341	0.00425	4	-1.16	5%	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			
035.32	Sodium, AAS, Open vessel (%)	0609	0.25500	0.01000	0.25728	0.02341	0.00425	4	-0.10	0%	0
035.32	Sodium, AAS, Open vessel (%)	0035	0.25690	0.00140	0.25728	0.02341	0.00425	4	-0.02	0%	0
035.32	Sodium, AAS, Open vessel (%)	0263	0.28720	0.00560	0.25728	0.02341	0.00425	4	1.28	6%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.21950	0.00100	0.25117	0.01357	0.00968	32	-2.33	6%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.22000	0.00000	0.25117	0.01357	0.00968	32	-2.30	6%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.23000	0.00000	0.25117	0.01357	0.00968	32	-1.56	4%	0
035.41	Sodium, ICP, Dry ash (%)	0695	0.23300	0.00400	0.25117	0.01357	0.00968	32	-1.34	4%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.23950	0.00100	0.25117	0.01357	0.00968	32	-0.86	2%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.24100	0.00000	0.25117	0.01357	0.00968	32	-0.75	2%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.24105	0.00170	0.25117	0.01357	0.00968	32	-0.75	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.24500	0.01000	0.25117	0.01357	0.00968	32	-0.45	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.24500	0.01000	0.25117	0.01357	0.00968	32	-0.45	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.24500	0.03000	0.25117	0.01357	0.00968	32	-0.45	1%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.24500	0.01000	0.25117	0.01357	0.00968	32	-0.45	1%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.24500	0.03000	0.25117	0.01357	0.00968	32	-0.45	1%	0
035.41	Sodium, ICP, Dry ash (%)	2089	0.24500	0.01000	0.25117	0.01357	0.00968	32	-0.45	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.24600	0.00200	0.25117	0.01357	0.00968	32	-0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.24710	0.01280	0.25117	0.01357	0.00968	32	-0.30	1%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.25000	0.00000	0.25117	0.01357	0.00968	32	-0.09	0%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.25000	0.00000	0.25117	0.01357	0.00968	32	-0.09	0%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.25050	0.00900	0.25117	0.01357	0.00968	32	-0.05	0%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.25500	0.01000	0.25117	0.01357	0.00968	32	0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0610	0.25500	0.01000	0.25117	0.01357	0.00968	32	0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.25780	0.00240	0.25117	0.01357	0.00968	32	0.49	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.26000	0.00000	0.25117	0.01357	0.00968	32	0.65	2%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.26000	0.02000	0.25117	0.01357	0.00968	32	0.65	2%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.26000	0.02000	0.25117	0.01357	0.00968	32	0.65	2%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.26000	0.02000	0.25117	0.01357	0.00968	32	0.65	2%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.26000	0.02000	0.25117	0.01357	0.00968	32	0.65	2%	0
035.41	Sodium, ICP, Dry ash (%)	0425	0.26500	0.01000	0.25117	0.01357	0.00968	32	1.02	3%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.26500	0.01200	0.25117	0.01357	0.00968	32	1.02	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.26550	0.00100	0.25117	0.01357	0.00968	32	1.06	3%	0
035.41	Sodium, ICP, Dry ash (%)	0003	0.27500	0.03000	0.25117	0.01357	0.00968	32	1.76	5%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.28000	0.02000	0.25117	0.01357	0.00968	32	2.13	6%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.28250	0.00300	0.25117	0.01357	0.00968	32	2.31	6%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.28150	0.05300	0.25117	0.01357	0.00968	32	2.24	6%	1
035.42	Sodium, ICP, Open vessel (%)	0613	0.22500	0.03000	0.24737	0.01717	0.01125	17	-1.30	5%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.22500	0.01000	0.24737	0.01717	0.01125	17	-1.30	5%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.23000	0.00000	0.24737	0.01717	0.01125	17	-1.01	4%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.23375	0.00770	0.24737	0.01717	0.01125	17	-0.79	3%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.23900	0.00400	0.24737	0.01717	0.01125	17	-0.49	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.24000	0.00000	0.24737	0.01717	0.01125	17	-0.43	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 (%)	0560	0.24260	0.04660	0.24737	0.01717	0.01125	17	-0.28	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.24350	0.03300	0.24737	0.01717	0.01125	17	-0.23	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.24445	0.00970	0.24737	0.01717	0.01125	17	-0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.24445	0.00630	0.24737	0.01717	0.01125	17	-0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.25000	0.02000	0.24737	0.01717	0.01125	17	0.15	1%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.25200	0.00600	0.24737	0.01717	0.01125	17	0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.26250	0.00100	0.24737	0.01717	0.01125	17	0.88	3%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.26950	0.00700	0.24737	0.01717	0.01125	17	1.29	4%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.27000	0.00000	0.24737	0.01717	0.01125	17	1.32	5%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.31000	0.00000	0.24737	0.01717	0.01125	17	3.65	13%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.54200	0.01000	0.24737	0.01717	0.01125	17	17.16	60%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.28805	0.09290	0.24737	0.01717	0.01125	17	2.37	8%	1
035.43	Sodium, ICP, Microwave (%)	0038	0.23050	0.01300	0.24355	0.01069	0.00546	10	-1.22	3%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.23400	0.00000	0.24355	0.01069	0.00546	10	-0.89	2%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.23500	0.01000	0.24355	0.01069	0.00546	10	-0.80	2%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.23850	0.00300	0.24355	0.01069	0.00546	10	-0.47	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.24000	0.00000	0.24355	0.01069	0.00546	10	-0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.24450	0.00300	0.24355	0.01069	0.00546	10	0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	0168	0.24750	0.01220	0.24355	0.01069	0.00546	10	0.37	1%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.25350	0.00300	0.24355	0.01069	0.00546	10	0.93	2%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.25500	0.01000	0.24355	0.01069	0.00546	10	1.07	2%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.25700	0.00040	0.24355	0.01069	0.00546	10	1.26	3%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.23760	0.00840			0.00840	1			0
035.53	Sodium, ICP-MS, Microwave (%)	0034	0.24465	0.00410			0.00305	2	-0.71	1%	0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.25500	0.00200			0.00305	2	0.71	1%	0
035.99	Sodium, Miscellaneous (%)	0889	0.15000	0.02000	0.27625	0.12399	0.01750	4	-1.02	23%	0
035.99	Sodium, Miscellaneous (%)	0242	0.23500	0.01000	0.27625	0.12399	0.01750	4	-0.33	7%	0
035.99	Sodium, Miscellaneous (%)	0100	0.27500	0.01000	0.27625	0.12399	0.01750	4	-0.01	0%	0
035.99	Sodium, Miscellaneous (%)	2105	0.44500	0.03000	0.27625	0.12399	0.01750	4	1.36	31%	0
036.04	Sulfur, LECO (%)	0610	0.44000	0.00000	0.46727	0.01995	0.00513	6	-1.37	3%	0
036.04	Sulfur, LECO (%)	0001	0.45700	0.02000	0.46727	0.01995	0.00513	6	-0.51	1%	0
036.04	Sulfur, LECO (%)	0168	0.45980	0.00080	0.46727	0.01995	0.00513	6	-0.37	1%	0
036.04	Sulfur, LECO (%)	0229	0.47500	0.01000	0.46727	0.01995	0.00513	6	0.39	1%	0
036.04	Sulfur, LECO (%)	0098	0.48000	0.00000	0.46727	0.01995	0.00513	6	0.64	1%	0
036.04	Sulfur, LECO (%)	0226	0.49000	0.00000	0.46727	0.01995	0.00513	6	1.14	2%	0
036.42	Sulfur, ICP, Open vessel (%)	2089	0.36000	0.02000	0.45744	0.02668	0.00850	21	-3.65	11%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.39500	0.01000	0.45744	0.02668	0.00850	21	-2.34	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.41000	0.00000	0.45744	0.02668	0.00850	21	-1.78	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.43000	0.00000	0.45744	0.02668	0.00850	21	-1.03	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.44100	0.00600	0.45744	0.02668	0.00850	21	-0.62	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.44360	0.02180	0.45744	0.02668	0.00850	21	-0.52	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0619	0.44500	0.00400	0.45744	0.02668	0.00850	21	-0.47	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	
036.42	Sulfur, ICP, Open vessel (%)	0357	0.45000	0.00000	0.45744	0.02668	0.00850	21	-0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.45175	0.01670	0.45744	0.02668	0.00850	21	-0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.45200	0.01200	0.45744	0.02668	0.00850	21	-0.20	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.45790	0.01540	0.45744	0.02668	0.00850	21	0.02	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.46170	0.00060	0.45744	0.02668	0.00850	21	0.16	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.46500	0.01000	0.45744	0.02668	0.00850	21	0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.46500	0.01000	0.45744	0.02668	0.00850	21	0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.46500	0.00200	0.45744	0.02668	0.00850	21	0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.47765	0.00070	0.45744	0.02668	0.00850	21	0.76	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.47950	0.00700	0.45744	0.02668	0.00850	21	0.83	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.48475	0.00670	0.45744	0.02668	0.00850	21	1.02	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.48500	0.01000	0.45744	0.02668	0.00850	21	1.03	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.49500	0.01000	0.45744	0.02668	0.00850	21	1.41	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.50730	0.01560	0.45744	0.02668	0.00850	21	1.87	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.37500	0.05000	0.45744	0.02668	0.00850	21	-3.09	9%	1
036.43	Sulfur, ICP, Microwave (%)	0038	0.41950	0.01100	0.48099	0.01664	0.00308	8	-3.70	6%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.47000	0.00000	0.48099	0.01664	0.00308	8	-0.66	1%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.47350	0.00100	0.48099	0.01664	0.00308	8	-0.45	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.47450	0.00100	0.48099	0.01664	0.00308	8	-0.39	1%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.48520	0.00160	0.48099	0.01664	0.00308	8	0.25	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.49000	0.00000	0.48099	0.01664	0.00308	8	0.54	1%	0
036.43	Sulfur, ICP, Microwave (%)	0033	0.49500	0.01000	0.48099	0.01664	0.00308	8	0.84	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.52000	0.00000	0.48099	0.01664	0.00308	8	2.35	4%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.50800	0.04180	0.48099	0.01664	0.00308	8	1.62	3%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.39230	0.05040			0.05040	1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.44000	0.00000			0.00500	2	-0.71	6%	0
036.99	Sulfur, Miscellaneous (%)	0889	0.56500	0.01000			0.00500	2	0.71	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0653	114.50	1.8000	123.93	6.2214	2.7971	14	-1.52	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	116.00	4.0000	123.93	6.2214	2.7971	14	-1.27	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0178	119.89	4.3700	123.93	6.2214	2.7971	14	-0.65	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	120.00	4.0000	123.93	6.2214	2.7971	14	-0.63	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	120.50	1.0000	123.93	6.2214	2.7971	14	-0.55	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	122.50	5.0000	123.93	6.2214	2.7971	14	-0.23	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	124.22	0.00000	123.93	6.2214	2.7971	14	0.05	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	124.50	3.0000	123.93	6.2214	2.7971	14	0.09	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	124.85	0.51920	123.93	6.2214	2.7971	14	0.15	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	125.00	2.0000	123.93	6.2214	2.7971	14	0.17	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	126.60	1.8000	123.93	6.2214	2.7971	14	0.43	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	130.00	2.0000	123.93	6.2214	2.7971	14	0.98	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	132.50	9.0000	123.93	6.2214	2.7971	14	1.38	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	134.57	0.67000	123.93	6.2214	2.7971	14	1.71	4%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	1.9000	0.00000	126.30	0.98995	4.4667	3	-1.15	49%	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			
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	125.60	3.4000	126.30	0.98995	4.4667	3	0.57	24%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	127.00	10.000	126.30	0.98995	4.4667	3	0.59	25%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	128.44	0.59000			0.58500	2	-0.71	1%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0034	134.21	0.58000			0.58500	2	0.71	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	102.70	21.660	123.56	8.6859	4.8406	28	-2.40	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0695	107.99	4.3550	123.56	8.6859	4.8406	28	-1.79	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	108.00	2.0000	123.56	8.6859	4.8406	28	-1.79	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0610	111.50	3.0000	123.56	8.6859	4.8406	28	-1.39	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	113.50	9.0000	123.56	8.6859	4.8406	28	-1.16	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	117.98	1.8000	123.56	8.6859	4.8406	28	-0.64	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	118.05	0.50000	123.56	8.6859	4.8406	28	-0.63	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	118.45	2.7000	123.56	8.6859	4.8406	28	-0.59	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	119.00	0.00000	123.56	8.6859	4.8406	28	-0.53	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	119.94	1.5420	123.56	8.6859	4.8406	28	-0.42	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	120.50	1.0000	123.56	8.6859	4.8406	28	-0.35	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	121.00	2.0000	123.56	8.6859	4.8406	28	-0.30	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	122.37	3.3300	123.56	8.6859	4.8406	28	-0.14	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	122.50	1.0000	123.56	8.6859	4.8406	28	-0.12	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	123.42	17.000	123.56	8.6859	4.8406	28	-0.02	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	124.50	17.000	123.56	8.6859	4.8406	28	0.11	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	125.50	7.0000	123.56	8.6859	4.8406	28	0.22	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	127.60	4.6000	123.56	8.6859	4.8406	28	0.46	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2089	127.77	1.0000	123.56	8.6859	4.8406	28	0.48	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0425	128.15	7.9000	123.56	8.6859	4.8406	28	0.53	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	129.74	2.4300	123.56	8.6859	4.8406	28	0.71	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	131.05	0.92000	123.56	8.6859	4.8406	28	0.86	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	132.00	2.0000	123.56	8.6859	4.8406	28	0.97	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	133.40	4.0000	123.56	8.6859	4.8406	28	1.13	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0512	134.00	0.20000	123.56	8.6859	4.8406	28	1.20	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	134.50	3.0000	123.56	8.6859	4.8406	28	1.26	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	135.55	1.6010	123.56	8.6859	4.8406	28	1.38	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	142.50	13.000	123.56	8.6859	4.8406	28	2.18	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	132.50	41.000	123.56	8.6859	4.8406	28	1.03	4%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	1.3090	0.12200	124.33	15.370	5.7672	20	-8.00	49%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	93.155	4.1500	124.33	15.370	5.7672	20	-2.03	13%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	104.02	29.560	124.33	15.370	5.7672	20	-1.32	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	107.00	0.00000	124.33	15.370	5.7672	20	-1.13	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	107.25	2.3000	124.33	15.370	5.7672	20	-1.11	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	116.87	0.22000	124.33	15.370	5.7672	20	-0.49	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	117.12	6.6222	124.33	15.370	5.7672	20	-0.47	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	122.00	8.0000	124.33	15.370	5.7672	20	-0.15	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	124.50	1.0000	124.33	15.370	5.7672	20	0.01	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			
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	125.50	11.000	124.33	15.370	5.7672	20	0.08	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	127.00	0.00000	124.33	15.370	5.7672	20	0.17	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	128.00	0.00000	124.33	15.370	5.7672	20	0.24	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	128.02	0.96000	124.33	15.370	5.7672	20	0.24	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	129.00	4.0000	124.33	15.370	5.7672	20	0.30	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	130.60	2.6000	124.33	15.370	5.7672	20	0.41	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	135.70	0.80000	124.33	15.370	5.7672	20	0.74	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	137.25	6.1000	124.33	15.370	5.7672	20	0.84	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	140.50	1.0100	124.33	15.370	5.7672	20	1.05	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	162.35	17.900	124.33	15.370	5.7672	20	2.47	15%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	341.50	19.000	124.33	15.370	5.7672	20	14.13	87%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	109.00	44.000	124.33	15.370	5.7672	20	-1.00	6%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	111.00	0.00000	121.66	5.1323	3.6892	13	-2.08	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0168	116.80	1.6000	121.66	5.1323	3.6892	13	-0.95	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	117.50	5.0000	121.66	5.1323	3.6892	13	-0.81	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	118.00	0.00000	121.66	5.1323	3.6892	13	-0.71	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	120.00	2.0000	121.66	5.1323	3.6892	13	-0.32	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	120.11	3.6400	121.66	5.1323	3.6892	13	-0.30	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	120.50	7.0000	121.66	5.1323	3.6892	13	-0.23	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	122.50	1.0000	121.66	5.1323	3.6892	13	0.16	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	123.50	5.0000	121.66	5.1323	3.6892	13	0.36	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	128.38	0.69000	121.66	5.1323	3.6892	13	1.31	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	130.94	8.8000	121.66	5.1323	3.6892	13	1.81	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	137.05	12.300	121.66	5.1323	3.6892	13	3.00	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	139.39	0.93000	121.66	5.1323	3.6892	13	3.45	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	210.00	118.00	121.66	5.1323	3.6892	13	17.21	36%	1
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	121.00	2.0000			2.0000	1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	126.50	13.000			13.000	1			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	130.50	3.0000			3.0000	1			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	123.00	6.0000	127.00	6.5000	7.3333	3	-0.62	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	123.50	5.0000	127.00	6.5000	7.3333	3	-0.54	1%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	134.50	11.000	127.00	6.5000	7.3333	3	1.15	3%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	1.2000	0.00000			0.07425	2	-0.71	3%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	1.3318	0.14850			0.07425	2	0.71	3%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.0646	0.32290	1.1902	0.13685	0.13830	3	-0.92	5%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.1700	0.02000	1.1902	0.13685	0.13830	3	-0.15	1%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	1.3360	0.07200	1.1902	0.13685	0.13830	3	1.07	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	1.1050	0.19000	1.2992	0.17233	0.11092	5	-1.13	7%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.1500	0.10000	1.2992	0.17233	0.11092	5	-0.87	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	1.3018	0.04680	1.2992	0.17233	0.11092	5	0.02	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	1.4500	0.10000	1.2992	0.17233	0.11092	5	0.88	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	1.4891	0.11780	1.2992	0.17233	0.11092	5	1.10	7%	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			
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	0.95900	0.02400	1.3538	0.03836	0.14160	5	-1.77	12%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.3100	0.08000	1.3538	0.03836	0.14160	5	0.20	1%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0168	1.3540	0.51800	1.3538	0.03836	0.14160	5	0.44	3%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	1.3700	0.00000	1.3538	0.03836	0.14160	5	0.53	4%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	1.3814	0.08600	1.3538	0.03836	0.14160	5	0.60	4%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	18.720	2.1200			2.1200	1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	18.500	1.0000			1.0000	1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	17.171	0.31440			0.31440	1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.51000	0.08000			0.08000	1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.31650	0.01300			0.01300	1			0
042.99	Chloride, Miscellaneous (%)	0613	0.31500	0.03000			0.03000	1			0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0218	69.203	0.08010	72.789	4.8980	3.0064	4	-0.73	2%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0027	70.454	0.14530	72.789	4.8980	3.0064	4	-0.48	2%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0511	71.500	9.0000	72.789	4.8980	3.0064	4	-0.26	1%	0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0035	80.000	2.8000	72.789	4.8980	3.0064	4	1.47	5%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0917	46.150	3.7000	65.753	10.795	4.3008	12	-1.82	15%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0004	55.500	1.0000	65.753	10.795	4.3008	12	-0.95	8%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0910	57.000	4.0000	65.753	10.795	4.3008	12	-0.81	7%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0013	59.750	5.9000	65.753	10.795	4.3008	12	-0.56	5%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0613	62.300	2.2000	65.753	10.795	4.3008	12	-0.32	3%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0010	62.350	1.9000	65.753	10.795	4.3008	12	-0.32	3%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0939	69.535	0.35000	65.753	10.795	4.3008	12	0.35	3%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0032	70.000	2.0000	65.753	10.795	4.3008	12	0.39	3%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0001	70.050	0.58000	65.753	10.795	4.3008	12	0.40	3%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0033	74.250	6.7000	65.753	10.795	4.3008	12	0.79	6%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0038	76.540	15.280	65.753	10.795	4.3008	12	1.00	8%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0884	127.60	8.0000	65.753	10.795	4.3008	12	5.73	47%	0
051.99	Chlortetracycline, Miscellaneous (mg / kg (ppm))	2055	71.500	13.000			13.000	1			0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0047	28.150	0.30000	38.507	3.1989	0.47322	11	-3.24	13%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0590	35.000	0.00000	38.507	3.1989	0.47322	11	-1.10	5%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0629	36.000	0.00000	38.507	3.1989	0.47322	11	-0.78	3%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	2053	36.850	0.30000	38.507	3.1989	0.47322	11	-0.52	2%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0036	37.650	0.90000	38.507	3.1989	0.47322	11	-0.27	1%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0875	39.150	0.70000	38.507	3.1989	0.47322	11	0.20	1%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0218	39.450	1.1000	38.507	3.1989	0.47322	11	0.29	1%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0001	40.390	0.48000	38.507	3.1989	0.47322	11	0.59	2%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0035	40.700	0.00000	38.507	3.1989	0.47322	11	0.69	3%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0563	41.504	0.32540	38.507	3.1989	0.47322	11	0.94	4%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0032	42.850	1.1000	38.507	3.1989	0.47322	11	1.36	6%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0027	36.035	1.3900	39.142	2.9395	2.3219	7	-1.06	4%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0038	36.290	3.6800	39.142	2.9395	2.3219	7	-0.97	4%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0013	37.350	6.5000	39.142	2.9395	2.3219	7	-0.61	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0033	39.850	0.70000	39.142	2.9395	2.3219	7	0.24	1%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0010	40.550	1.3000	39.142	2.9395	2.3219	7	0.48	2%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0964	41.270	2.1830	39.142	2.9395	2.3219	7	0.72	3%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0014	42.650	0.50000	39.142	2.9395	2.3219	7	1.19	4%	0
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	0619	41.400	0.00000	44.425	4.2780	4.1000	3	-1.15	4%	0
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	2055	47.000	12.000	44.425	4.2780	4.1000	3	0.51	2%	0
061.99	Lasalocid Sodium, Miscellaneous (mg / kg (ppm))	0610	47.450	0.30000	44.425	4.2780	4.1000	3	0.64	2%	0
065.00	Monensin, Plate (mg / kg (ppm))	0035	36.200	0.00000			0.00000	1			0
065.03	Monensin, LC (mg / kg (ppm))	0613	21.225	0.97000	30.129	1.4897	0.79750	8	-5.98	15%	0
065.03	Monensin, LC (mg / kg (ppm))	0668	28.450	1.5000	30.129	1.4897	0.79750	8	-1.13	3%	0
065.03	Monensin, LC (mg / kg (ppm))	0047	29.300	0.80000	30.129	1.4897	0.79750	8	-0.56	1%	0
065.03	Monensin, LC (mg / kg (ppm))	0905	30.100	1.0000	30.129	1.4897	0.79750	8	-0.02	0%	0
065.03	Monensin, LC (mg / kg (ppm))	0910	30.650	1.3000	30.129	1.4897	0.79750	8	0.35	1%	0
065.03	Monensin, LC (mg / kg (ppm))	2053	30.750	0.70000	30.129	1.4897	0.79750	8	0.42	1%	0
065.03	Monensin, LC (mg / kg (ppm))	0590	31.000	0.00000	30.129	1.4897	0.79750	8	0.58	1%	0
065.03	Monensin, LC (mg / kg (ppm))	0148	32.365	0.11000	30.129	1.4897	0.79750	8	1.50	4%	0
065.03	Monensin, LC (mg / kg (ppm))	0010	31.750	4.5000	30.129	1.4897	0.79750	8	1.09	3%	1
065.04	Monensin, LC-PCD (mg / kg (ppm))	0036	29.850	0.10000	30.622	0.62277	0.62243	4	-1.24	1%	0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0032	30.500	1.0000	30.622	0.62277	0.62243	4	-0.20	0%	0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0964	30.793	0.71870	30.622	0.62277	0.62243	4	0.27	0%	0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0218	31.346	0.67100	30.622	0.62277	0.62243	4	1.16	1%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	2055	30.500	3.0000	34.580	3.5899	1.4167	6	-1.14	6%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0668	30.950	1.5000	34.580	3.5899	1.4167	6	-1.01	5%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0619	34.600	0.00000	34.580	3.5899	1.4167	6	0.01	0%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0033	36.200	3.0000	34.580	3.5899	1.4167	6	0.45	2%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0610	36.400	0.60000	34.580	3.5899	1.4167	6	0.51	3%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0171	38.600	0.40000	34.580	3.5899	1.4167	6	1.12	6%	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
091.99	Narasin, Miscellaneous (mg / kg (ppm))	0619	0.00000	0.00000			0.00000	0			4
092.99	Fenbendazole, Miscellaneous (mg / kg (ppm))	0910	216.35	17.700			10.200	2	-0.71	6%	0
092.99	Fenbendazole, Miscellaneous (mg / kg (ppm))	0038	270.35	2.7000			10.200	2	0.71	6%	0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	792.00	48.000			48.000	1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	1,500.0	20.000			20.000	1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	73.100	2.4000			2.4000	1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	11.800	1.2000			1.2000	1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	3.5700	0.28000			0.28000	1			0
104.03	Riboflavin, LC (mg / kg (ppm))	2023	5.0250	0.37000			0.37000	1			0
105.00	Thiamine, LC (mg / kg (ppm))	2023	2.8500	0.10000			0.10000	1			0
106.00	Vitamin A, Color (KU / kg)	0019	14.654	0.10400			0.55200	2	-0.71	7%	0
106.00	Vitamin A, Color (KU / kg)	0171	19.520	1.0000			0.55200	2	0.71	7%	0
106.01	Vitamin A, UV (KU / kg)	0098	20.600	1.0000			1.0000	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	
106.02	Vitamin A, LC (KU / kg)	0905	5.0735	0.33500	19.765	5.1093	1.7478	20	-2.88	37%	0
106.02	Vitamin A, LC (KU / kg)	2066	11.500	0.40000	19.765	5.1093	1.7478	20	-1.62	21%	0
106.02	Vitamin A, LC (KU / kg)	0555	13.000	4.0000	19.765	5.1093	1.7478	20	-1.32	17%	0
106.02	Vitamin A, LC (KU / kg)	0675	15.885	0.63000	19.765	5.1093	1.7478	20	-0.76	10%	0
106.02	Vitamin A, LC (KU / kg)	2004	16.850	0.90000	19.765	5.1093	1.7478	20	-0.57	7%	0
106.02	Vitamin A, LC (KU / kg)	0619	16.900	0.00000	19.765	5.1093	1.7478	20	-0.56	7%	0
106.02	Vitamin A, LC (KU / kg)	0004	17.070	0.86000	19.765	5.1093	1.7478	20	-0.53	7%	0
106.02	Vitamin A, LC (KU / kg)	0941	17.075	1.5100	19.765	5.1093	1.7478	20	-0.53	7%	0
106.02	Vitamin A, LC (KU / kg)	0676	18.690	1.5000	19.765	5.1093	1.7478	20	-0.21	3%	0
106.02	Vitamin A, LC (KU / kg)	0563	19.683	1.2948	19.765	5.1093	1.7478	20	-0.02	0%	0
106.02	Vitamin A, LC (KU / kg)	0910	20.100	1.6000	19.765	5.1093	1.7478	20	0.07	1%	0
106.02	Vitamin A, LC (KU / kg)	0861	20.800	2.2000	19.765	5.1093	1.7478	20	0.20	3%	0
106.02	Vitamin A, LC (KU / kg)	2103	21.845	2.4300	19.765	5.1093	1.7478	20	0.41	5%	0
106.02	Vitamin A, LC (KU / kg)	0208	21.848	5.2470	19.765	5.1093	1.7478	20	0.41	5%	0
106.02	Vitamin A, LC (KU / kg)	0003	23.415	1.3900	19.765	5.1093	1.7478	20	0.71	9%	0
106.02	Vitamin A, LC (KU / kg)	0148	23.810	0.26000	19.765	5.1093	1.7478	20	0.79	10%	0
106.02	Vitamin A, LC (KU / kg)	0169	24.500	1.0000	19.765	5.1093	1.7478	20	0.93	12%	0
106.02	Vitamin A, LC (KU / kg)	0610	24.900	1.4000	19.765	5.1093	1.7478	20	1.01	13%	0
106.02	Vitamin A, LC (KU / kg)	2023	26.550	4.3000	19.765	5.1093	1.7478	20	1.33	17%	0
106.02	Vitamin A, LC (KU / kg)	0689	31.850	3.7000	19.765	5.1093	1.7478	20	2.37	31%	0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	13.300	0.80000			0.80000	1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	0.00000	0.00000			0.00000	0			4
108.02	Vitamin D3, LC (KU / kg)	2066	2.5850	0.15000	4.3652	0.88958	0.31333	6	-2.00	20%	0
108.02	Vitamin D3, LC (KU / kg)	0675	3.8850	0.33000	4.3652	0.88958	0.31333	6	-0.54	6%	0
108.02	Vitamin D3, LC (KU / kg)	0610	4.3500	0.26000	4.3652	0.88958	0.31333	6	-0.02	0%	0
108.02	Vitamin D3, LC (KU / kg)	0227	4.5900	0.40000	4.3652	0.88958	0.31333	6	0.25	3%	0
108.02	Vitamin D3, LC (KU / kg)	0676	5.1200	0.24000	4.3652	0.88958	0.31333	6	0.85	9%	0
108.02	Vitamin D3, LC (KU / kg)	2023	5.1500	0.50000	4.3652	0.88958	0.31333	6	0.88	9%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	6.0250	0.05000			0.05000	1			0
109.02	Vitamin E, LC (mg / kg (ppm))	0555	67.000	2.0000	105.24	18.839	2.3813	18	-2.03	18%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0905	74.000	4.0000	105.24	18.839	2.3813	18	-1.66	15%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0169	82.500	1.0000	105.24	18.839	2.3813	18	-1.21	11%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2103	83.350	2.1000	105.24	18.839	2.3813	18	-1.16	10%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0098	83.500	7.0000	105.24	18.839	2.3813	18	-1.15	10%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0955	89.000	1.4000	105.24	18.839	2.3813	18	-0.86	8%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2023	92.600	3.8000	105.24	18.839	2.3813	18	-0.67	6%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0676	107.84	1.0300	105.24	18.839	2.3813	18	0.14	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0227	110.50	7.0000	105.24	18.839	2.3813	18	0.28	2%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0941	111.98	1.3400	105.24	18.839	2.3813	18	0.36	3%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0148	113.42	2.7800	105.24	18.839	2.3813	18	0.43	4%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0723	116.11	0.00000	105.24	18.839	2.3813	18	0.58	5%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0675	118.52	0.83000	105.24	18.839	2.3813	18	0.70	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			
109.02	Vitamin E, LC (mg / kg (ppm))	0590	119.40	0.00000	105.24	18.839	2.3813	18	0.75	7%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0861	120.00	0.00000	105.24	18.839	2.3813	18	0.78	7%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0910	123.35	1.5000	105.24	18.839	2.3813	18	0.96	9%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0563	123.55	1.5830	105.24	18.839	2.3813	18	0.97	9%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0610	127.75	5.5000	105.24	18.839	2.3813	18	1.19	11%	0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	0.76300	0.06600			0.06600	1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.26800	0.02400			0.02400	1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.92000	0.04000	0.96061	0.01888	0.01492	16	-2.15	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.92100	0.02400	0.96061	0.01888	0.01492	16	-2.10	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.94000	0.02000	0.96061	0.01888	0.01492	16	-1.09	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	0.94000	0.00000	0.96061	0.01888	0.01492	16	-1.09	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.95500	0.01000	0.96061	0.01888	0.01492	16	-0.30	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.95850	0.00700	0.96061	0.01888	0.01492	16	-0.11	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.95980	0.00660	0.96061	0.01888	0.01492	16	-0.04	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.96000	0.02000	0.96061	0.01888	0.01492	16	-0.03	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.96110	0.02000	0.96061	0.01888	0.01492	16	0.03	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.96500	0.01000	0.96061	0.01888	0.01492	16	0.23	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.96850	0.00100	0.96061	0.01888	0.01492	16	0.42	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.97000	0.02000	0.96061	0.01888	0.01492	16	0.50	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.97450	0.02100	0.96061	0.01888	0.01492	16	0.74	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.97570	0.01500	0.96061	0.01888	0.01492	16	0.80	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.98605	0.00710	0.96061	0.01888	0.01492	16	1.35	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.99350	0.01700	0.96061	0.01888	0.01492	16	1.74	2%	0
120.01	Alanine, Pre-col OPA Der (%)	0297	0.86900	0.01200			0.01200	1			0
120.02	Alanine, Post-col OPA Der (%)	2023	0.92000	0.00000			0.02200	2	-0.71	2%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.99900	0.04400			0.02200	2	0.71	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.90750	0.00300			0.00450	2	-0.71	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.97000	0.00600			0.00450	2	0.71	2%	0
120.99	Alanine, Miscellaneous (%)	0160	1.0025	0.10360			0.10360	1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.1241	0.05280	1.2461	0.03732	0.02356	16	-3.27	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.1800	0.00000	1.2461	0.03732	0.02356	16	-1.77	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.2000	0.00000	1.2461	0.03732	0.02356	16	-1.23	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.2100	0.08000	1.2461	0.03732	0.02356	16	-0.97	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.2155	0.00100	1.2461	0.03732	0.02356	16	-0.82	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.2300	0.02000	1.2461	0.03732	0.02356	16	-0.43	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.2480	0.00600	1.2461	0.03732	0.02356	16	0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.2500	0.02000	1.2461	0.03732	0.02356	16	0.11	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.2600	0.02000	1.2461	0.03732	0.02356	16	0.37	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.2607	0.02510	1.2461	0.03732	0.02356	16	0.39	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.2650	0.00800	1.2461	0.03732	0.02356	16	0.51	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.2650	0.03000	1.2461	0.03732	0.02356	16	0.51	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.2710	0.02080	1.2461	0.03732	0.02356	16	0.67	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			
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	1.2800	0.04000	1.2461	0.03732	0.02356	16	0.91	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.2810	0.02800	1.2461	0.03732	0.02356	16	0.94	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.3051	0.02530	1.2461	0.03732	0.02356	16	1.58	2%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	1.2660	0.01600			0.01600	1			0
121.02	Arginine, Post-col OPA Der (%)	2023	1.1800	0.00000			0.00600	2	-0.71	1%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.2360	0.01200			0.00600	2	0.71	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.2315	0.02700			0.06550	2	-0.71	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.3680	0.10400			0.06550	2	0.71	3%	0
121.99	Arginine, Miscellaneous (%)	0160	1.4129	0.05070			0.05070	1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.5500	0.06000	1.5799	0.02433	0.02802	16	-1.23	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.5540	0.00600	1.5799	0.02433	0.02802	16	-1.07	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.5550	0.07000	1.5799	0.02433	0.02802	16	-1.03	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.5550	0.01000	1.5799	0.02433	0.02802	16	-1.03	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.5600	0.00000	1.5799	0.02433	0.02802	16	-0.82	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.5640	0.01000	1.5799	0.02433	0.02802	16	-0.66	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.5735	0.00100	1.5799	0.02433	0.02802	16	-0.26	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.5778	0.05850	1.5799	0.02433	0.02802	16	-0.09	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.5885	0.03020	1.5799	0.02433	0.02802	16	0.35	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.5900	0.06000	1.5799	0.02433	0.02802	16	0.41	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.5922	0.02190	1.5799	0.02433	0.02802	16	0.50	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.5950	0.05000	1.5799	0.02433	0.02802	16	0.62	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.6001	0.00870	1.5799	0.02433	0.02802	16	0.83	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.6040	0.02200	1.5799	0.02433	0.02802	16	0.99	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	1.6050	0.01000	1.5799	0.02433	0.02802	16	1.03	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.6150	0.03000	1.5799	0.02433	0.02802	16	1.44	1%	0
122.01	Aspartic, Pre-col OPA Der (%)	0297	1.3280	0.05200			0.05200	1			0
122.02	Aspartic, Post-col OPA Der (%)	2023	1.4550	0.01000			0.02450	2	-0.71	3%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.6085	0.03900			0.02450	2	0.71	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.5970	0.05800			0.03250	2	-0.71	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.6825	0.00700			0.03250	2	0.71	1%	0
122.99	Aspartic, Miscellaneous (%)	0160	1.7480	0.05810			0.05810	1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0227	0.29000	0.00000	0.33110	0.01430	0.00613	15	-2.87	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	0.31630	0.00320	0.33110	0.01430	0.00613	15	-1.03	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.32000	0.00000	0.33110	0.01430	0.00613	15	-0.78	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0868	0.32100	0.00600	0.33110	0.01430	0.00613	15	-0.71	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0968	0.32400	0.00000	0.33110	0.01430	0.00613	15	-0.50	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0684	0.32550	0.00700	0.33110	0.01430	0.00613	15	-0.39	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.32565	0.00670	0.33110	0.01430	0.00613	15	-0.38	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.33000	0.00000	0.33110	0.01430	0.00613	15	-0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2022	0.33000	0.00000	0.33110	0.01430	0.00613	15	-0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.33650	0.00300	0.33110	0.01430	0.00613	15	0.38	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.33750	0.00100	0.33110	0.01430	0.00613	15	0.45	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.34000	0.02000	0.33110	0.01430	0.00613	15	0.62	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.35000	0.00000	0.33110	0.01430	0.00613	15	1.32	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.35500	0.03000	0.33110	0.01430	0.00613	15	1.67	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.37350	0.01500	0.33110	0.01430	0.00613	15	2.96	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.37750	0.04700	0.33110	0.01430	0.00613	15	3.24	7%	1
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.30100	0.00400			0.00450	2	-0.71	5%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0676	0.36150	0.00500			0.00450	2	0.71	5%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.35500	0.01000			0.01000	2	-0.71	2%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.38100	0.01000			0.01000	2	0.71	2%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0160	0.24365	0.04590			0.04590	1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.3050	0.05000	3.4379	0.08722	0.04641	15	-1.52	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.3291	0.05660	3.4379	0.08722	0.04641	15	-1.25	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.3768	0.06370	3.4379	0.08722	0.04641	15	-0.70	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.3835	0.01500	3.4379	0.08722	0.04641	15	-0.62	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.3860	0.00400	3.4379	0.08722	0.04641	15	-0.59	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.3950	0.09000	3.4379	0.08722	0.04641	15	-0.49	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.4000	0.04000	3.4379	0.08722	0.04641	15	-0.43	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.4335	0.02700	3.4379	0.08722	0.04641	15	-0.05	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.4500	0.02000	3.4379	0.08722	0.04641	15	0.14	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	3.4575	0.11130	3.4379	0.08722	0.04641	15	0.22	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.4651	0.07050	3.4379	0.08722	0.04641	15	0.31	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.5350	0.01000	3.4379	0.08722	0.04641	15	1.11	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.5500	0.04000	3.4379	0.08722	0.04641	15	1.29	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	3.5650	0.03000	3.4379	0.08722	0.04641	15	1.46	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.5980	0.06800	3.4379	0.08722	0.04641	15	1.84	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.4800	0.20000	3.4379	0.08722	0.04641	15	0.48	1%	1
125.01	Glutamic, Pre-col OPA Der (%)	0297	3.3610	0.01000			0.01000	1			0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.3985	0.07900			0.03950	2	-0.71	1%	0
125.02	Glutamic, Post-col OPA Der (%)	2023	3.4900	0.00000			0.03950	2	0.71	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.4090	0.00600			0.09400	2	-0.71	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.4570	0.18200			0.09400	2	0.71	0%	0
125.99	Glutamic, Miscellaneous (%)	0160	3.5648	0.28840			0.28840	1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.86385	0.01690	0.88629	0.01453	0.01637	16	-1.54	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.86500	0.03000	0.88629	0.01453	0.01637	16	-1.47	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.87150	0.01100	0.88629	0.01453	0.01637	16	-1.02	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.87500	0.03000	0.88629	0.01453	0.01637	16	-0.78	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.87950	0.00300	0.88629	0.01453	0.01637	16	-0.47	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.88480	0.00460	0.88629	0.01453	0.01637	16	-0.10	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.88500	0.01000	0.88629	0.01453	0.01637	16	-0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.88550	0.00300	0.88629	0.01453	0.01637	16	-0.05	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.88700	0.01800	0.88629	0.01453	0.01637	16	0.05	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.89000	0.00600	0.88629	0.01453	0.01637	16	0.26	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.89000	0.02000	0.88629	0.01453	0.01637	16	0.26	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.89500	0.01000	0.88629	0.01453	0.01637	16	0.60	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.89930	0.04100	0.88629	0.01453	0.01637	16	0.90	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	0.90000	0.02000	0.88629	0.01453	0.01637	16	0.94	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.90040	0.01840	0.88629	0.01453	0.01637	16	0.97	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.94000	0.02000	0.88629	0.01453	0.01637	16	3.70	3%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	0.92650	0.03900			0.03900	1			0
126.02	Glycine, Post-col OPA Der (%)	2023	0.83000	0.00000			0.00900	2	-0.71	2%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.91500	0.01800			0.00900	2	0.71	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.89400	0.00200			0.01650	2	-0.71	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.95050	0.03100			0.01650	2	0.71	2%	0
126.99	Glycine, Miscellaneous (%)	0160	0.84150	0.20240			0.20240	1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.46900	0.00000	0.49830	0.01410	0.00595	15	-2.08	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.47000	0.00000	0.49830	0.01410	0.00595	15	-2.01	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.48590	0.02080	0.49830	0.01410	0.00595	15	-0.88	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.49000	0.00000	0.49830	0.01410	0.00595	15	-0.59	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.49000	0.02000	0.49830	0.01410	0.00595	15	-0.59	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.49300	0.00600	0.49830	0.01410	0.00595	15	-0.38	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.49500	0.01000	0.49830	0.01410	0.00595	15	-0.23	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.49850	0.00100	0.49830	0.01410	0.00595	15	0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.50000	0.00000	0.49830	0.01410	0.00595	15	0.12	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.50100	0.00500	0.49830	0.01410	0.00595	15	0.19	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.50350	0.00500	0.49830	0.01410	0.00595	15	0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.51085	0.00270	0.49830	0.01410	0.00595	15	0.89	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.51275	0.00270	0.49830	0.01410	0.00595	15	1.02	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.52500	0.01000	0.49830	0.01410	0.00595	15	1.89	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.53200	0.00600	0.49830	0.01410	0.00595	15	2.39	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.47500	0.05000	0.49830	0.01410	0.00595	15	-1.65	2%	1
127.01	Histidine, Pre-col OPA Der (%)	0297	0.50250	0.01100			0.01100	1			0
127.02	Histidine, Post-col OPA Der (%)	0098	0.49300	0.00800			0.00900	2	-0.71	0%	0
127.02	Histidine, Post-col OPA Der (%)	2023	0.49500	0.01000			0.00900	2	0.71	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.49700	0.00200			0.00800	2	-0.71	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.52400	0.01400			0.00800	2	0.71	1%	0
127.99	Histidine, Miscellaneous (%)	0160	0.52765	0.00750			0.00750	1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.64500	0.01000	0.67658	0.02317	0.01523	16	-1.36	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.64730	0.03540	0.67658	0.02317	0.01523	16	-1.26	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.64850	0.03500	0.67658	0.02317	0.01523	16	-1.21	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.66100	0.00000	0.67658	0.02317	0.01523	16	-0.67	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.66350	0.00100	0.67658	0.02317	0.01523	16	-0.56	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.66500	0.01000	0.67658	0.02317	0.01523	16	-0.50	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.67300	0.00940	0.67658	0.02317	0.01523	16	-0.15	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.67600	0.00000	0.67658	0.02317	0.01523	16	-0.03	0%	0

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128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.67755	0.02230	0.67658	0.02317	0.01523	16	0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.68450	0.00900	0.67658	0.02317	0.01523	16	0.34	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.68500	0.03000	0.67658	0.02317	0.01523	16	0.36	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.69000	0.02000	0.67658	0.02317	0.01523	16	0.58	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.69500	0.01000	0.67658	0.02317	0.01523	16	0.79	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.70000	0.04000	0.67658	0.02317	0.01523	16	1.01	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.70485	0.00150	0.67658	0.02317	0.01523	16	1.22	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.71500	0.01000	0.67658	0.02317	0.01523	16	1.66	3%	0
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.64350	0.00100			0.00100	1			0
128.02	Isoleucine, Post-col OPA Der (%)	2023	0.62500	0.01000			0.00950	2	-0.71	3%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.69250	0.00900			0.00950	2	0.71	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.69150	0.00300			0.00350	2	-0.71	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.73600	0.00400			0.00350	2	0.71	2%	0
128.99	Isoleucine, Miscellaneous (%)	0160	0.70950	0.04580			0.04580	1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.4250	0.01000	1.4478	0.02098	0.01555	15	-1.08	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.4250	0.01000	1.4478	0.02098	0.01555	15	-1.08	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.4270	0.03120	1.4478	0.02098	0.01555	15	-0.99	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.4300	0.00000	1.4478	0.02098	0.01555	15	-0.85	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.4365	0.00300	1.4478	0.02098	0.01555	15	-0.54	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.4400	0.04000	1.4478	0.02098	0.01555	15	-0.37	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.4400	0.02000	1.4478	0.02098	0.01555	15	-0.37	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.4405	0.01690	1.4478	0.02098	0.01555	15	-0.35	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.4445	0.00100	1.4478	0.02098	0.01555	15	-0.16	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.4550	0.03000	1.4478	0.02098	0.01555	15	0.35	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.4660	0.01600	1.4478	0.02098	0.01555	15	0.87	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.4685	0.00900	1.4478	0.02098	0.01555	15	0.99	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.4877	0.01620	1.4478	0.02098	0.01555	15	1.90	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	1.4900	0.02000	1.4478	0.02098	0.01555	15	2.01	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.4950	0.01000	1.4478	0.02098	0.01555	15	2.25	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.4029	0.09450	1.4478	0.02098	0.01555	15	-2.14	2%	1
129.01	Leucine, Pre-col OPA Der (%)	0297	1.3070	0.04800			0.04800	1			0
129.02	Leucine, Post-col OPA Der (%)	2023	1.4150	0.01000			0.01150	2	-0.71	1%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.4935	0.01300			0.01150	2	0.71	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.4750	0.00200			0.01750	2	-0.71	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.5155	0.03300			0.01750	2	0.71	1%	0
129.99	Leucine, Miscellaneous (%)	0160	1.6161	0.10340			0.10340	1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.78500	0.05000	0.82471	0.02578	0.01952	16	-1.54	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.79000	0.02000	0.82471	0.02578	0.01952	16	-1.35	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.80080	0.01640	0.82471	0.02578	0.01952	16	-0.93	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.80800	0.00000	0.82471	0.02578	0.01952	16	-0.65	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.81240	0.01100	0.82471	0.02578	0.01952	16	-0.48	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.81450	0.01300	0.82471	0.02578	0.01952	16	-0.40	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			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.81500	0.01000	0.82471	0.02578	0.01952	16	-0.38	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.82500	0.01000	0.82471	0.02578	0.01952	16	0.01	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	0.82500	0.03000	0.82471	0.02578	0.01952	16	0.01	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.82650	0.01500	0.82471	0.02578	0.01952	16	0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.83075	0.01930	0.82471	0.02578	0.01952	16	0.23	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.84060	0.01660	0.82471	0.02578	0.01952	16	0.62	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.84400	0.01800	0.82471	0.02578	0.01952	16	0.75	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.85150	0.00300	0.82471	0.02578	0.01952	16	1.04	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.87500	0.07000	0.82471	0.02578	0.01952	16	1.95	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.95500	0.01000	0.82471	0.02578	0.01952	16	5.05	8%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0297	0.78850	0.00900			0.00900	1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.86950	0.03300			0.02650	2	-0.71	1%	0
130.02	L-Lysine, Post-col OPA Der (%)	2023	0.91000	0.02000			0.02650	2	0.71	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	0.81300	0.00000	0.84167	0.03037	0.01467	3	-0.94	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.83850	0.02100	0.84167	0.03037	0.01467	3	-0.10	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.87350	0.02300	0.84167	0.03037	0.01467	3	1.05	2%	0
130.99	L-Lysine, Miscellaneous (%)	0160	0.89355	0.06250			0.06250	1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.26950	0.00100	0.29661	0.01249	0.01228	16	-2.17	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.27000	0.00000	0.29661	0.01249	0.01228	16	-2.13	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.28250	0.01100	0.29661	0.01249	0.01228	16	-1.13	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.28500	0.05000	0.29661	0.01249	0.01228	16	-0.93	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.29000	0.02000	0.29661	0.01249	0.01228	16	-0.53	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.29425	0.00550	0.29661	0.01249	0.01228	16	-0.19	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.29500	0.01000	0.29661	0.01249	0.01228	16	-0.13	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.29650	0.00100	0.29661	0.01249	0.01228	16	-0.01	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.29700	0.00200	0.29661	0.01249	0.01228	16	0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.29875	0.00390	0.29661	0.01249	0.01228	16	0.17	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.30150	0.00300	0.29661	0.01249	0.01228	16	0.39	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.30320	0.01700	0.29661	0.01249	0.01228	16	0.53	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.30500	0.05000	0.29661	0.01249	0.01228	16	0.67	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.31000	0.02000	0.29661	0.01249	0.01228	16	1.07	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.32000	0.00000	0.29661	0.01249	0.01228	16	1.87	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.32190	0.00200	0.29661	0.01249	0.01228	16	2.02	4%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.29050	0.00100			0.00100	1			0
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.24500	0.01000			0.00900	2	-0.71	5%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.29900	0.00800			0.00900	2	0.71	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.22600	0.00600			0.00600	1			0
131.99	Methionine, Miscellaneous (%)	0160	0.28700	0.04060			0.04060	1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.80275	0.00130	0.86319	0.03146	0.01579	15	-1.92	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.82000	0.02000	0.86319	0.03146	0.01579	15	-1.37	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.83000	0.02000	0.86319	0.03146	0.01579	15	-1.06	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.83650	0.02900	0.86319	0.03146	0.01579	15	-0.85	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			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.84575	0.01330	0.86319	0.03146	0.01579	15	-0.55	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.86150	0.00300	0.86319	0.03146	0.01579	15	-0.05	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.86360	0.01560	0.86319	0.03146	0.01579	15	0.01	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.86500	0.01000	0.86319	0.03146	0.01579	15	0.06	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.86650	0.00500	0.86319	0.03146	0.01579	15	0.11	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.87150	0.00900	0.86319	0.03146	0.01579	15	0.26	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.87350	0.04900	0.86319	0.03146	0.01579	15	0.33	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.88180	0.00160	0.86319	0.03146	0.01579	15	0.59	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.89500	0.03000	0.86319	0.03146	0.01579	15	1.01	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.90500	0.01000	0.86319	0.03146	0.01579	15	1.33	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	0.92000	0.02000	0.86319	0.03146	0.01579	15	1.81	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.86000	0.08000	0.86319	0.03146	0.01579	15	-0.10	0%	1
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.82400	0.00400			0.00400	1			0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	0.85000	0.00000			0.00700	2	-0.71	1%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.88600	0.01400			0.00700	2	0.71	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.88000	0.00200			0.00650	2	-0.71	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.92950	0.01100			0.00650	2	0.71	1%	0
132.99	Phenylalanine, Miscellaneous (%)	0160	0.95200	0.00920			0.00920	1			0
133.00	Proline, Post-col Ninhydrin Der (%)	2022	1.0750	0.03000	1.1701	0.04320	0.03183	16	-2.20	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.0974	0.02790	1.1701	0.04320	0.03183	16	-1.68	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.1300	0.00000	1.1701	0.04320	0.03183	16	-0.93	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.1400	0.00000	1.1701	0.04320	0.03183	16	-0.70	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.1450	0.00000	1.1701	0.04320	0.03183	16	-0.58	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.1470	0.01400	1.1701	0.04320	0.03183	16	-0.53	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.1595	0.02700	1.1701	0.04320	0.03183	16	-0.25	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.1700	0.01000	1.1701	0.04320	0.03183	16	0.00	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.1750	0.07000	1.1701	0.04320	0.03183	16	0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.1800	0.02000	1.1701	0.04320	0.03183	16	0.23	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.1800	0.10000	1.1701	0.04320	0.03183	16	0.23	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.1869	0.03430	1.1701	0.04320	0.03183	16	0.39	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.1933	0.03600	1.1701	0.04320	0.03183	16	0.54	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.2250	0.11000	1.1701	0.04320	0.03183	16	1.27	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.2450	0.01000	1.1701	0.04320	0.03183	16	1.73	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.2800	0.02000	1.1701	0.04320	0.03183	16	2.54	5%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.1545	0.00700			0.02200	2	-0.71	2%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.2275	0.03700			0.02200	2	0.71	2%	0
133.99	Proline, Miscellaneous (%)	2023	1.3300	0.02000			0.04745	2	-0.71	1%	0
133.99	Proline, Miscellaneous (%)	0160	1.3988	0.07490			0.04745	2	0.71	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.75000	0.02000	0.87833	0.02317	0.01499	16	-5.54	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.80455	0.01170	0.87833	0.02317	0.01499	16	-3.18	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.86000	0.04000	0.87833	0.02317	0.01499	16	-0.79	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.86500	0.01000	0.87833	0.02317	0.01499	16	-0.58	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			
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.86500	0.01000	0.87833	0.02317	0.01499	16	-0.58	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.87000	0.04000	0.87833	0.02317	0.01499	16	-0.36	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.87400	0.00800	0.87833	0.02317	0.01499	16	-0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.87500	0.03000	0.87833	0.02317	0.01499	16	-0.14	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.87750	0.00100	0.87833	0.02317	0.01499	16	-0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.88000	0.00400	0.87833	0.02317	0.01499	16	0.07	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.88910	0.00980	0.87833	0.02317	0.01499	16	0.47	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.89250	0.00500	0.87833	0.02317	0.01499	16	0.61	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	0.90000	0.02000	0.87833	0.02317	0.01499	16	0.94	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.90010	0.00680	0.87833	0.02317	0.01499	16	0.94	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.91125	0.01750	0.87833	0.02317	0.01499	16	1.42	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.95300	0.00600	0.87833	0.02317	0.01499	16	3.22	4%	0
134.01	Serine, Pre-col OPA Der (%)	0297	0.89400	0.02200			0.02200	1			0
134.02	Serine, Post-col OPA Der (%)	0098	0.80400	0.02600			0.01300	2	-0.71	1%	0
134.02	Serine, Post-col OPA Der (%)	2023	0.84000	0.00000			0.01300	2	0.71	1%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.88000	0.00000			0.03050	2	-0.71	1%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.92050	0.06100			0.03050	2	0.71	1%	0
134.99	Serine, Miscellaneous (%)	0160	1.0119	0.11260			0.11260	1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.64500	0.01000	0.67056	0.01651	0.01819	16	-1.55	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.65000	0.04000	0.67056	0.01651	0.01819	16	-1.24	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.65500	0.01000	0.67056	0.01651	0.01819	16	-0.94	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.65500	0.05000	0.67056	0.01651	0.01819	16	-0.94	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.66050	0.00300	0.67056	0.01651	0.01819	16	-0.61	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.66500	0.03000	0.67056	0.01651	0.01819	16	-0.34	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.66600	0.00400	0.67056	0.01651	0.01819	16	-0.28	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.67000	0.00000	0.67056	0.01651	0.01819	16	-0.03	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.67040	0.01000	0.67056	0.01651	0.01819	16	-0.01	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.67700	0.02000	0.67056	0.01651	0.01819	16	0.39	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.67900	0.00000	0.67056	0.01651	0.01819	16	0.51	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.68305	0.04330	0.67056	0.01651	0.01819	16	0.76	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.68550	0.01120	0.67056	0.01651	0.01819	16	0.91	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.68665	0.05350	0.67056	0.01651	0.01819	16	0.97	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.69000	0.00600	0.67056	0.01651	0.01819	16	1.18	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.69000	0.00000	0.67056	0.01651	0.01819	16	1.18	1%	0
135.01	Threonine, Pre-col OPA Der (%)	0297	0.68650	0.00700			0.00700	1			0
135.02	Threonine, Post-col OPA Der (%)	2023	0.64000	0.00000			0.00500	2	-0.71	1%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.67600	0.01000			0.00500	2	0.71	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.65300	0.00200			0.00600	2	-0.71	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.69700	0.01000			0.00600	2	0.71	2%	0
135.99	Threonine, Miscellaneous (%)	0160	0.74975	0.02190			0.02190	1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.20410	0.00600	0.24477	0.03951	0.04570	4	-1.25	11%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.24720	0.00980	0.24477	0.03951	0.04570	4	-0.30	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			
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.28300	0.00400	0.24477	0.03951	0.04570	4	0.49	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.30850	0.16300	0.24477	0.03951	0.04570	4	1.05	9%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.23900	0.00400			0.00300	2	-0.71	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.25100	0.00200			0.00300	2	0.71	1%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	2023	0.17500	0.01000			0.00600	2	-0.71	8%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.24400	0.00200			0.00600	2	0.71	8%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.24450	0.00300	0.25650	0.01825	0.00233	3	-0.66	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.24750	0.00100	0.25650	0.01825	0.00233	3	-0.49	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.27750	0.00300	0.25650	0.01825	0.00233	3	1.15	4%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.22000	0.00000			0.01800	2	-0.71	2%	0
136.99	Tryptophan, Miscellaneous (%)	0160	0.24040	0.03600			0.01800	2	0.71	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.39470	0.01560	0.58048	0.04946	0.01312	9	-3.76	16%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.53500	0.03000	0.58048	0.04946	0.01312	9	-0.92	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.55000	0.00000	0.58048	0.04946	0.01312	9	-0.62	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.58250	0.00500	0.58048	0.04946	0.01312	9	0.04	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.58400	0.01600	0.58048	0.04946	0.01312	9	0.07	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.58500	0.01000	0.58048	0.04946	0.01312	9	0.09	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.61000	0.02000	0.58048	0.04946	0.01312	9	0.60	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.62400	0.01600	0.58048	0.04946	0.01312	9	0.88	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.64545	0.00550	0.58048	0.04946	0.01312	9	1.31	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.55500	0.13000	0.58048	0.04946	0.01312	9	-0.52	2%	1
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.59050	0.01500			0.01500	1			0
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.48500	0.01000			0.01350	2	-0.71	3%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.55250	0.01700			0.01350	2	0.71	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.52550	0.03300			0.02000	2	-0.71	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.68350	0.00700			0.02000	2	0.71	7%	0
137.99	Tyrosine, Miscellaneous (%)	0160	0.65750	0.08360			0.08360	1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.84150	0.00900	0.86889	0.02265	0.01779	16	-1.21	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.84500	0.01000	0.86889	0.02265	0.01779	16	-1.05	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.84700	0.00400	0.86889	0.02265	0.01779	16	-0.97	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.85000	0.04000	0.86889	0.02265	0.01779	16	-0.83	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.85425	0.00330	0.86889	0.02265	0.01779	16	-0.65	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.85500	0.01000	0.86889	0.02265	0.01779	16	-0.61	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.86000	0.06000	0.86889	0.02265	0.01779	16	-0.39	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.86030	0.01660	0.86889	0.02265	0.01779	16	-0.38	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.87180	0.01720	0.86889	0.02265	0.01779	16	0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.87700	0.00400	0.86889	0.02265	0.01779	16	0.36	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.87700	0.00600	0.86889	0.02265	0.01779	16	0.36	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.87730	0.01960	0.86889	0.02265	0.01779	16	0.37	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	0.89500	0.03000	0.86889	0.02265	0.01779	16	1.15	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.90500	0.03000	0.86889	0.02265	0.01779	16	1.59	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.90950	0.01500	0.86889	0.02265	0.01779	16	1.79	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.94500	0.01000	0.86889	0.02265	0.01779	16	3.36	4%	0
138.01	Valine, Pre-col OPA Der (%)	0297	0.85550	0.00700			0.00700	1			0
138.02	Valine, Post-col OPA Der (%)	2023	0.77000	0.00000			0.00250	2	-0.71	4%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.90850	0.00500			0.00250	2	0.71	4%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.94500	0.00200			0.01300	2	-0.71	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	1.0030	0.02400			0.01300	2	0.71	1%	0
138.99	Valine, Miscellaneous (%)	0160	0.91920	0.06420			0.06420	1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.13000	0.04000			0.02500	2	-0.71	3%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.14500	0.01000			0.02500	2	0.71	3%	0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000			0.00000	0			4
160.99	Fructose, Miscellaneous (%)	0619	0.12500	0.00000	0.36890	0.21871	0.02660	5	-1.12	33%	0
160.99	Fructose, Miscellaneous (%)	0227	0.26000	0.06000	0.36890	0.21871	0.02660	5	-0.50	15%	0
160.99	Fructose, Miscellaneous (%)	0148	0.28000	0.06000	0.36890	0.21871	0.02660	5	-0.41	12%	0
160.99	Fructose, Miscellaneous (%)	0297	0.50450	0.00300	0.36890	0.21871	0.02660	5	0.62	18%	0
160.99	Fructose, Miscellaneous (%)	0629	0.67500	0.01000	0.36890	0.21871	0.02660	5	1.40	41%	0
161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000			0.00000	0			4
162.99	Glucose, Miscellaneous (%)	0619	0.14700	0.00000	0.39430	0.24911	0.00900	5	-0.99	31%	0
162.99	Glucose, Miscellaneous (%)	0227	0.26000	0.02000	0.39430	0.24911	0.00900	5	-0.54	17%	0
162.99	Glucose, Miscellaneous (%)	0148	0.28500	0.01000	0.39430	0.24911	0.00900	5	-0.44	14%	0
162.99	Glucose, Miscellaneous (%)	0297	0.50450	0.00500	0.39430	0.24911	0.00900	5	0.44	14%	0
162.99	Glucose, Miscellaneous (%)	0629	0.77500	0.01000	0.39430	0.24911	0.00900	5	1.53	48%	0
163.99	Lactose, Miscellaneous (%)	0619	0.01500	0.00000				1			0
163.99	Lactose, Miscellaneous (%)	0148	0.00000	0.00000				1			4
163.99	Lactose, Miscellaneous (%)	0297	0.00000	0.00000				1			4
164.99	Maltose, Miscellaneous (%)	0148	0.21000	0.02000	0.76550	0.76263	0.01233	3	-0.73	36%	0
164.99	Maltose, Miscellaneous (%)	0297	0.45150	0.00700	0.76550	0.76263	0.01233	3	-0.41	21%	0
164.99	Maltose, Miscellaneous (%)	0629	1.6350	0.01000	0.76550	0.76263	0.01233	3	1.14	57%	0
165.99	Sucrose, Miscellaneous (%)	0619	0.52000	0.00000	1.3025	0.58093	0.07560	5	-1.61	31%	0
165.99	Sucrose, Miscellaneous (%)	0629	1.2400	0.00000	1.3025	0.58093	0.07560	5	-0.29	6%	0
165.99	Sucrose, Miscellaneous (%)	0148	1.5850	0.07000	1.3025	0.58093	0.07560	5	0.35	7%	0
165.99	Sucrose, Miscellaneous (%)	0227	1.7700	0.24000	1.3025	0.58093	0.07560	5	0.69	13%	0
165.99	Sucrose, Miscellaneous (%)	0297	1.8650	0.06800	1.3025	0.58093	0.07560	5	0.86	17%	0
166.99	Raffinose, Miscellaneous (%)	0619	0.45100	0.00000			0.00500	2	-0.71	13%	0
166.99	Raffinose, Miscellaneous (%)	0297	0.75400	0.01000			0.00500	2	0.71	13%	0
167.99	Stachyose, Miscellaneous (%)	0297	0.65450	0.01300			0.00650	2	-0.71	12%	0
167.99	Stachyose, Miscellaneous (%)	0619	1.0700	0.00000			0.00650	2	0.71	12%	0
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (p	0555	44,500	1,000.0			1,000.0	1			0
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0555	36,000	0.00000			0.00000	1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.54000	0.00000			0.00450	2	-0.71	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.54450	0.00900			0.00450	2	0.71	0%	0
400.99	Water activity, Miscellaneous (Units)	2073	0.56100	0.00200			0.00200	1			0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0964	0.13735	0.05530			0.05530	1			0

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516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.10000	0.00000			0.00000	1			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.05245	0.00050	0.07271	0.01739	0.00170	5	-1.16	14%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.05680	0.00220	0.07271	0.01739	0.00170	5	-0.91	11%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0168	0.07680	0.00080	0.07271	0.01739	0.00170	5	0.24	3%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.08600	0.00200	0.07271	0.01739	0.00170	5	0.76	9%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.09150	0.00300	0.07271	0.01739	0.00170	5	1.08	13%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0968	0.06600	0.00000	0.07775	0.01080	0.01250	3	-1.09	8%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.08000	0.02000	0.07775	0.01080	0.01250	3	0.21	1%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.08725	0.01750	0.07775	0.01080	0.01250	3	0.88	6%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0425	0.07200	0.00000			0.00200	2	-0.71	4%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0964	0.08380	0.00400			0.00200	2	0.71	4%	0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.08300	0.00800			0.00800	1			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.07400	0.00000	0.08188	0.00677	0.00320	4	-1.16	5%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.08000	0.00400	0.08188	0.00677	0.00320	4	-0.28	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.08325	0.00050	0.08188	0.00677	0.00320	4	0.20	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.09025	0.00830	0.08188	0.00677	0.00320	4	1.24	5%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.04455	0.08910	0.08188	0.00677	0.00320	4	-5.51	23%	4
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	1.6265	0.03800			0.21900	2	-0.71	4%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	1.9000	0.40000			0.21900	2	0.71	4%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	2.5150	0.09000			0.21835	2	-0.71	2%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0964	2.7358	0.34670			0.21835	2	0.71	2%	0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.53000	0.78000			0.78000	1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	1.1858	0.60420	1.2573	0.06753	0.46850	4	-0.64	11%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0168	1.2661	0.72980	1.2573	0.06753	0.46850	4	-0.48	8%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.3200	0.54000	1.2573	0.06753	0.46850	4	-0.37	6%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	2.2400	0.00000	1.2573	0.06753	0.46850	4	1.49	25%	0
520.99	Chromium, Miscellaneous (mg / kg (ppm))	0968	3.3990	0.79800			0.79800	1			0
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0689	1.1000	0.20000			0.20000	1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.04000	0.02000			0.02000	1			0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0964	0.22450	0.07120				1			0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0425	0.00000	0.00000				1			4
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.18500	0.03000			0.03000	1			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.12600	0.00400	0.14337	0.01571	0.00675	4	-1.38	7%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.14750	0.00100	0.14337	0.01571	0.00675	4	-0.04	0%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.15660	0.00100	0.14337	0.01571	0.00675	4	0.53	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.16250	0.02100	0.14337	0.01571	0.00675	4	0.90	5%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0168	0.08140	0.16280	0.14337	0.01571	0.00675	4	-4.17	23%	4
529.00	Mercury, Cold vapor (µg / kg (ppb))	0425	0.00000	0.00000			0.00000	0			4
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0918	5.0000	6.0000			6.0000	1			0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	1.7500	0.30000			0.18525	2	-0.71	2%	0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	1.8718	0.07050			0.18525	2	0.71	2%	0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0964	2.0688	0.02100			0.02100	1			0

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539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.9450	0.09000			0.09000	1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	1.3706	0.28950	1.6669	0.33477	0.20317	3	-0.89	9%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	1.6000	0.30000	1.6669	0.33477	0.20317	3	-0.20	2%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	2.0300	0.02000	1.6669	0.33477	0.20317	3	1.08	11%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	0028	1.8500	0.70000							0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	0723	3.5700	0.00000							0
600.11	Total Aflatoxin, r-Biopharm Ridascreen Afl total (µg / kg	1019	2.0000	0.00000							0
600.12	Total Aflatoxin, r-Biopharm Ridascreen FAST Afl (µg / kg	0689	3.0500	0.30000							0
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	6.9500	10.700							0
610.01	Deoxynivalenol, Neogen Veratox for DON (µg / kg	0028	205.00	10.000							0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.00500	0.00000			0.00000	1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.00900	0.00000			0.00000	1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.3780	0.00800			0.00800	1			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.16600	0.00000			0.00000	1			0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0676	0.00100	0.00000			0.00000	1			0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0676	0.00000	0.00000			0.00000	0			4
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c,22c (w/w))	0676	0.00000	0.00000			0.00000	0			4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c (w/w))	0676	0.00000	0.00000			0.00000	0			4
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, (w/w))	0676	0.17000	0.00000			0.00000	1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, (w/w))	0676	2.3850	0.01000			0.01000	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 are included for information only (Grey, No Action!). Flag 9 indicates no statistics calculated for this dataset. To review the problem please see all submitted data for this test.