

**AAFCO Check Sample Program**  
**All Labs and All Methods Report**  
**Sort by Method**  
**Proficiency For Individual Methods**  
**Sample # 201421**  
**Ewe Developer & Gestation Feed, Medicated**



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

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

Issue Date : 02/28/2014

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.30000	0.00000			0.00000	1			
000.99	Urea, Miscellaneous (%)	0920	0.01000	0.00000			0.00000	1			
001.00	Loss on Drying, Vac 95 °C 5 hr (%)	0615	7.9600	0.08000	8.8030	0.51053	0.08600	5	-1.65	5%	0
001.00	Loss on Drying, Vac 95 °C 5 hr (%)	0309	8.8500	0.16000	8.8030	0.51053	0.08600	5	0.09	0%	0
001.00	Loss on Drying, Vac 95 °C 5 hr (%)	0596	8.8700	0.10000	8.8030	0.51053	0.08600	5	0.13	0%	0
001.00	Loss on Drying, Vac 95 °C 5 hr (%)	0504	8.9950	0.05000	8.8030	0.51053	0.08600	5	0.38	1%	0
001.00	Loss on Drying, Vac 95 °C 5 hr (%)	0169	9.3400	0.04000	8.8030	0.51053	0.08600	5	1.05	3%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	8.9350	0.03000	9.1530	0.08233	0.01566	16	-2.65	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0887	9.0400	0.02000	9.1530	0.08233	0.01566	16	-1.37	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2065	9.0450	0.01000	9.1530	0.08233	0.01566	16	-1.31	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0891	9.1092	0.01460	9.1530	0.08233	0.01566	16	-0.53	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0938	9.1200	0.00000	9.1530	0.08233	0.01566	16	-0.40	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	9.1250	0.01000	9.1530	0.08233	0.01566	16	-0.34	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2042	9.1300	0.02000	9.1530	0.08233	0.01566	16	-0.28	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2061	9.1450	0.01000	9.1530	0.08233	0.01566	16	-0.10	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2028	9.1550	0.01000	9.1530	0.08233	0.01566	16	0.02	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	9.1800	0.02000	9.1530	0.08233	0.01566	16	0.33	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2027	9.1920	0.00600	9.1530	0.08233	0.01566	16	0.47	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	9.2100	0.00000	9.1530	0.08233	0.01566	16	0.69	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0882	9.2150	0.01000	9.1530	0.08233	0.01566	16	0.75	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	9.2450	0.01000	9.1530	0.08233	0.01566	16	1.12	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0894	9.2450	0.01000	9.1530	0.08233	0.01566	16	1.12	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	9.2550	0.07000	9.1530	0.08233	0.01566	16	1.24	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	9.1500	0.10000	9.1530	0.08233	0.01566	16	-0.04	0%	1
001.05	Loss on Drying, LECO (%)	0610	8.8100	0.04000			0.04000	1			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	8.1500	0.10000	8.8936	0.32305	0.08079	35	-2.30	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	8.1900	0.02000	8.8936	0.32305	0.08079	35	-2.18	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.3900	0.16000	8.8936	0.32305	0.08079	35	-1.56	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	8.3950	0.03000	8.8936	0.32305	0.08079	35	-1.54	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	8.4750	0.05000	8.8936	0.32305	0.08079	35	-1.30	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.5850	0.05000	8.8936	0.32305	0.08079	35	-0.96	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.6400	0.04000	8.8936	0.32305	0.08079	35	-0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.6800	0.04000	8.8936	0.32305	0.08079	35	-0.66	1%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.6850	0.15000	8.8936	0.32305	0.08079	35	-0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.6900	0.00000	8.8936	0.32305	0.08079	35	-0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.7000	0.00000	8.8936	0.32305	0.08079	35	-0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	8.7350	0.01000	8.8936	0.32305	0.08079	35	-0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.7600	0.28000	8.8936	0.32305	0.08079	35	-0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0004	8.8050	0.09000	8.8936	0.32305	0.08079	35	-0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.8100	0.08000	8.8936	0.32305	0.08079	35	-0.26	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	8.8300	0.02000	8.8936	0.32305	0.08079	35	-0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0065	8.8438	0.04750	8.8936	0.32305	0.08079	35	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	8.9300	0.06000	8.8936	0.32305	0.08079	35	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.9450	0.11000	8.8936	0.32305	0.08079	35	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.9700	0.14000	8.8936	0.32305	0.08079	35	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	9.0050	0.03000	8.8936	0.32305	0.08079	35	0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.0200	0.06000	8.8936	0.32305	0.08079	35	0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0178	9.0500	0.10000	8.8936	0.32305	0.08079	35	0.48	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.0650	0.03000	8.8936	0.32305	0.08079	35	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0918	9.0650	0.31000	8.8936	0.32305	0.08079	35	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.1000	0.00000	8.8936	0.32305	0.08079	35	0.64	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0896	9.1250	0.01000	8.8936	0.32305	0.08079	35	0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.1450	0.01000	8.8936	0.32305	0.08079	35	0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.1550	0.03000	8.8936	0.32305	0.08079	35	0.81	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	9.1650	0.07000	8.8936	0.32305	0.08079	35	0.84	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.2300	0.04000	8.8936	0.32305	0.08079	35	1.04	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.2650	0.03000	8.8936	0.32305	0.08079	35	1.15	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	9.3350	0.03000	8.8936	0.32305	0.08079	35	1.37	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.3700	0.40000	8.8936	0.32305	0.08079	35	1.47	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.5000	0.20000	8.8936	0.32305	0.08079	35	1.88	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	9.2500	1.1000	8.8936	0.32305	0.08079	35	1.10	2%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	3.5250	0.21000	8.8936	0.32305	0.08079	35	-16.62	30%	2
001.08	Loss on Drying, 102 °C 16 hr, in meat (%)	0337	8.9750	0.13000	9.0367	0.09828	0.12667	3	-0.63	0%	0
001.08	Loss on Drying, 102 °C 16 hr, in meat (%)	0590	8.9850	0.15000	9.0367	0.09828	0.12667	3	-0.53	0%	0
001.08	Loss on Drying, 102 °C 16 hr, in meat (%)	0652	9.1500	0.10000	9.0367	0.09828	0.12667	3	1.15	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.1650	0.09000	8.8980	0.53273	0.09114	14	-3.25	10%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	7.9250	0.25000	8.8980	0.53273	0.09114	14	-1.83	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0967	8.0700	0.00000	8.8980	0.53273	0.09114	14	-1.55	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0866	8.3700	0.01600	8.8980	0.53273	0.09114	14	-0.99	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.7800	0.08000	8.8980	0.53273	0.09114	14	-0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.8050	0.03000	8.8980	0.53273	0.09114	14	-0.17	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.0000	0.20000	8.8980	0.53273	0.09114	14	0.19	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.0100	0.02000	8.8980	0.53273	0.09114	14	0.21	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0951	9.0800	0.28000	8.8980	0.53273	0.09114	14	0.34	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	9.3150	0.01000	8.8980	0.53273	0.09114	14	0.78	2%	0

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001.99	Loss on Drying, Miscellaneous (%)	0021	9.3500	0.10000	8.8980	0.53273	0.09114	14	0.85	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	9.3650	0.05000	8.8980	0.53273	0.09114	14	0.88	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.4150	0.09000	8.8980	0.53273	0.09114	14	0.97	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.4200	0.06000	8.8980	0.53273	0.09114	14	0.98	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	8.6700	0.50000	8.8980	0.53273	0.09114	14	-0.43	1%	1
002.00	Protein, Crude (%)	0845	13.335	0.61000	13.350	0.02121	0.46000	2	-0.71	0%	0
002.00	Protein, Crude (%)	0581	13.365	0.31000	13.350	0.02121	0.46000	2	0.71	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	12.500	0.00000	13.026	0.13503	0.07158	12	-3.90	2%	0
002.01	Protein, Auto Kjel-Foss (%)	0848	12.670	0.00000	13.026	0.13503	0.07158	12	-2.64	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0653	12.905	0.05000	13.026	0.13503	0.07158	12	-0.90	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	12.985	0.03800	13.026	0.13503	0.07158	12	-0.31	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0723	13.010	0.00000	13.026	0.13503	0.07158	12	-0.12	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0881	13.026	0.01100	13.026	0.13503	0.07158	12	-0.01	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0098	13.030	0.20000	13.026	0.13503	0.07158	12	0.03	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0896	13.035	0.01000	13.026	0.13503	0.07158	12	0.06	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	13.100	0.20000	13.026	0.13503	0.07158	12	0.55	0%	0
002.01	Protein, Auto Kjel-Foss (%)	2023	13.115	0.01000	13.026	0.13503	0.07158	12	0.66	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0062	13.270	0.14000	13.026	0.13503	0.07158	12	1.80	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	13.400	0.20000	13.026	0.13503	0.07158	12	2.77	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	12.775	0.07000	13.105	0.38217	0.12874	5	-0.86	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0169	12.870	0.02000	13.105	0.38217	0.12874	5	-0.61	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	13.045	0.13000	13.105	0.38217	0.12874	5	-0.16	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	13.084	0.06370	13.105	0.38217	0.12874	5	-0.05	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0939	13.750	0.36000	13.105	0.38217	0.12874	5	1.69	2%	0
002.04	Protein, Copper Cat (%)	0187	12.175	0.05000	13.083	0.28131	0.08333	6	-3.23	3%	0
002.04	Protein, Copper Cat (%)	0874	12.945	0.01000	13.083	0.28131	0.08333	6	-0.49	1%	0
002.04	Protein, Copper Cat (%)	0728	12.970	0.02000	13.083	0.28131	0.08333	6	-0.40	0%	0
002.04	Protein, Copper Cat (%)	0405	13.195	0.17000	13.083	0.28131	0.08333	6	0.40	0%	0
002.04	Protein, Copper Cat (%)	0504	13.270	0.04000	13.083	0.28131	0.08333	6	0.67	1%	0
002.04	Protein, Copper Cat (%)	2057	13.395	0.21000	13.083	0.28131	0.08333	6	1.11	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	12.550	0.10000	13.045	0.15932	0.05308	44	-3.11	2%	0
002.05	Protein, Copper, Boric Acid (%)	0622	12.688	0.10930	13.045	0.15932	0.05308	44	-2.24	1%	0
002.05	Protein, Copper, Boric Acid (%)	0683	12.710	0.02000	13.045	0.15932	0.05308	44	-2.11	1%	0
002.05	Protein, Copper, Boric Acid (%)	0039	12.788	0.19550	13.045	0.15932	0.05308	44	-1.62	1%	0
002.05	Protein, Copper, Boric Acid (%)	0596	12.805	0.19000	13.045	0.15932	0.05308	44	-1.51	1%	0
002.05	Protein, Copper, Boric Acid (%)	0658	12.890	0.00380	13.045	0.15932	0.05308	44	-0.98	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	12.890	0.04000	13.045	0.15932	0.05308	44	-0.98	1%	0
002.05	Protein, Copper, Boric Acid (%)	0199	12.900	0.00000	13.045	0.15932	0.05308	44	-0.91	1%	0
002.05	Protein, Copper, Boric Acid (%)	2068	12.910	0.04000	13.045	0.15932	0.05308	44	-0.85	1%	0
002.05	Protein, Copper, Boric Acid (%)	0620	12.911	0.00540	13.045	0.15932	0.05308	44	-0.84	1%	0
002.05	Protein, Copper, Boric Acid (%)	0966	12.915	0.03000	13.045	0.15932	0.05308	44	-0.82	1%	0
002.05	Protein, Copper, Boric Acid (%)	0722	12.917	0.15450	13.045	0.15932	0.05308	44	-0.80	0%	0

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002.05	Protein, Copper, Boric Acid (%)	0849	12.930	0.06000	13.045	0.15932	0.05308	44	-0.72	0%	0
002.05	Protein, Copper, Boric Acid (%)	2012	12.980	0.00000	13.045	0.15932	0.05308	44	-0.41	0%	0
002.05	Protein, Copper, Boric Acid (%)	0887	12.985	0.01000	13.045	0.15932	0.05308	44	-0.38	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	12.990	0.04000	13.045	0.15932	0.05308	44	-0.35	0%	0
002.05	Protein, Copper, Boric Acid (%)	0921	13.000	0.18000	13.045	0.15932	0.05308	44	-0.29	0%	0
002.05	Protein, Copper, Boric Acid (%)	0651	13.015	0.03000	13.045	0.15932	0.05308	44	-0.19	0%	0
002.05	Protein, Copper, Boric Acid (%)	0894	13.025	0.03000	13.045	0.15932	0.05308	44	-0.13	0%	0
002.05	Protein, Copper, Boric Acid (%)	0955	13.050	0.10000	13.045	0.15932	0.05308	44	0.03	0%	0
002.05	Protein, Copper, Boric Acid (%)	0878	13.060	0.06000	13.045	0.15932	0.05308	44	0.09	0%	0
002.05	Protein, Copper, Boric Acid (%)	2063	13.060	0.02000	13.045	0.15932	0.05308	44	0.09	0%	0
002.05	Protein, Copper, Boric Acid (%)	2027	13.062	0.03010	13.045	0.15932	0.05308	44	0.10	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	13.070	0.04000	13.045	0.15932	0.05308	44	0.15	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	13.075	0.05000	13.045	0.15932	0.05308	44	0.19	0%	0
002.05	Protein, Copper, Boric Acid (%)	0891	13.084	0.02770	13.045	0.15932	0.05308	44	0.24	0%	0
002.05	Protein, Copper, Boric Acid (%)	2067	13.089	0.03900	13.045	0.15932	0.05308	44	0.27	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	13.100	0.00000	13.045	0.15932	0.05308	44	0.34	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	13.100	0.02000	13.045	0.15932	0.05308	44	0.34	0%	0
002.05	Protein, Copper, Boric Acid (%)	2062	13.100	0.20000	13.045	0.15932	0.05308	44	0.34	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	13.115	0.09000	13.045	0.15932	0.05308	44	0.44	0%	0
002.05	Protein, Copper, Boric Acid (%)	2028	13.120	0.00000	13.045	0.15932	0.05308	44	0.47	0%	0
002.05	Protein, Copper, Boric Acid (%)	0951	13.125	0.03000	13.045	0.15932	0.05308	44	0.50	0%	0
002.05	Protein, Copper, Boric Acid (%)	2061	13.155	0.03000	13.045	0.15932	0.05308	44	0.69	0%	0
002.05	Protein, Copper, Boric Acid (%)	2042	13.160	0.02000	13.045	0.15932	0.05308	44	0.72	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	13.185	0.03000	13.045	0.15932	0.05308	44	0.88	1%	0
002.05	Protein, Copper, Boric Acid (%)	0893	13.200	0.00000	13.045	0.15932	0.05308	44	0.97	1%	0
002.05	Protein, Copper, Boric Acid (%)	0952	13.200	0.06000	13.045	0.15932	0.05308	44	0.97	1%	0
002.05	Protein, Copper, Boric Acid (%)	0674	13.215	0.01000	13.045	0.15932	0.05308	44	1.06	1%	0
002.05	Protein, Copper, Boric Acid (%)	0895	13.240	0.02000	13.045	0.15932	0.05308	44	1.22	1%	0
002.05	Protein, Copper, Boric Acid (%)	2006	13.265	0.11000	13.045	0.15932	0.05308	44	1.38	1%	0
002.05	Protein, Copper, Boric Acid (%)	0938	13.325	0.03000	13.045	0.15932	0.05308	44	1.75	1%	0
002.05	Protein, Copper, Boric Acid (%)	0015	13.450	0.04000	13.045	0.15932	0.05308	44	2.54	2%	0
002.05	Protein, Copper, Boric Acid (%)	2065	13.480	0.04000	13.045	0.15932	0.05308	44	2.73	2%	0
002.05	Protein, Copper, Boric Acid (%)	0689	12.650	0.30000	13.045	0.15932	0.05308	44	-2.48	2%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0673	12.400	0.00000	13.252	0.28788	0.12820	130	-2.96	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	12.480	0.00000	13.252	0.28788	0.12820	130	-2.68	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	12.650	0.10000	13.252	0.28788	0.12820	130	-2.09	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	12.690	0.26000	13.252	0.28788	0.12820	130	-1.95	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	12.700	0.40000	13.252	0.28788	0.12820	130	-1.92	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0674	12.710	0.02000	13.252	0.28788	0.12820	130	-1.88	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	12.720	0.02000	13.252	0.28788	0.12820	130	-1.85	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	12.745	0.07000	13.252	0.28788	0.12820	130	-1.76	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0647	12.750	0.10000	13.252	0.28788	0.12820	130	-1.75	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	12.780	0.02000	13.252	0.28788	0.12820	130	-1.64	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	12.800	0.00000	13.252	0.28788	0.12820	130	-1.57	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0960	12.835	0.01000	13.252	0.28788	0.12820	130	-1.45	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	12.850	0.10000	13.252	0.28788	0.12820	130	-1.40	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	12.859	0.04200	13.252	0.28788	0.12820	130	-1.37	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	12.869	0.02500	13.252	0.28788	0.12820	130	-1.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	12.905	0.05000	13.252	0.28788	0.12820	130	-1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	12.905	0.03000	13.252	0.28788	0.12820	130	-1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	12.918	0.38400	13.252	0.28788	0.12820	130	-1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0106	12.940	0.04000	13.252	0.28788	0.12820	130	-1.09	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	12.945	0.07000	13.252	0.28788	0.12820	130	-1.07	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	12.975	0.31000	13.252	0.28788	0.12820	130	-0.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	12.995	0.33000	13.252	0.28788	0.12820	130	-0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	13.001	0.01400	13.252	0.28788	0.12820	130	-0.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	13.010	0.18000	13.252	0.28788	0.12820	130	-0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	13.014	0.05930	13.252	0.28788	0.12820	130	-0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	13.035	0.21000	13.252	0.28788	0.12820	130	-0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	13.035	0.35000	13.252	0.28788	0.12820	130	-0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	13.045	0.01000	13.252	0.28788	0.12820	130	-0.72	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	13.050	0.10000	13.252	0.28788	0.12820	130	-0.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	13.050	0.10000	13.252	0.28788	0.12820	130	-0.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	13.050	0.10000	13.252	0.28788	0.12820	130	-0.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	13.050	0.30000	13.252	0.28788	0.12820	130	-0.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	13.065	0.21000	13.252	0.28788	0.12820	130	-0.65	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	13.070	0.04000	13.252	0.28788	0.12820	130	-0.63	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	13.100	0.08000	13.252	0.28788	0.12820	130	-0.53	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	13.100	0.10000	13.252	0.28788	0.12820	130	-0.53	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	13.105	0.07000	13.252	0.28788	0.12820	130	-0.51	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	13.105	0.05000	13.252	0.28788	0.12820	130	-0.51	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	13.110	0.04000	13.252	0.28788	0.12820	130	-0.49	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	13.115	0.15000	13.252	0.28788	0.12820	130	-0.48	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	13.120	0.18000	13.252	0.28788	0.12820	130	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	13.135	0.03000	13.252	0.28788	0.12820	130	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	13.145	0.04300	13.252	0.28788	0.12820	130	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	13.145	0.03000	13.252	0.28788	0.12820	130	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	13.150	0.10000	13.252	0.28788	0.12820	130	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	13.150	0.40000	13.252	0.28788	0.12820	130	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	13.150	0.02000	13.252	0.28788	0.12820	130	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0123	13.160	0.20000	13.252	0.28788	0.12820	130	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0337	13.160	0.20000	13.252	0.28788	0.12820	130	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	13.160	0.04000	13.252	0.28788	0.12820	130	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0913	13.160	0.04000	13.252	0.28788	0.12820	130	-0.32	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	13.164	0.04060	13.252	0.28788	0.12820	130	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0013	13.170	0.10000	13.252	0.28788	0.12820	130	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	13.190	0.14000	13.252	0.28788	0.12820	130	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	13.195	0.27000	13.252	0.28788	0.12820	130	-0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0199	13.200	0.00000	13.252	0.28788	0.12820	130	-0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	13.200	0.00000	13.252	0.28788	0.12820	130	-0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	13.200	0.00000	13.252	0.28788	0.12820	130	-0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	13.225	0.03000	13.252	0.28788	0.12820	130	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	13.225	0.01000	13.252	0.28788	0.12820	130	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0065	13.231	0.06400	13.252	0.28788	0.12820	130	-0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	13.240	0.04000	13.252	0.28788	0.12820	130	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0958	13.240	0.62000	13.252	0.28788	0.12820	130	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	13.250	0.00000	13.252	0.28788	0.12820	130	-0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	13.250	0.10000	13.252	0.28788	0.12820	130	-0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	13.255	0.01000	13.252	0.28788	0.12820	130	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	13.255	0.01000	13.252	0.28788	0.12820	130	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	13.260	0.04000	13.252	0.28788	0.12820	130	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	13.265	0.11000	13.252	0.28788	0.12820	130	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	13.265	0.05000	13.252	0.28788	0.12820	130	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	13.275	0.11000	13.252	0.28788	0.12820	130	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	13.280	0.16000	13.252	0.28788	0.12820	130	0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	13.290	0.02000	13.252	0.28788	0.12820	130	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	13.300	0.02000	13.252	0.28788	0.12820	130	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	13.300	0.20000	13.252	0.28788	0.12820	130	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	13.300	0.20000	13.252	0.28788	0.12820	130	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	13.315	0.05000	13.252	0.28788	0.12820	130	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	13.315	0.09000	13.252	0.28788	0.12820	130	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	13.315	0.01000	13.252	0.28788	0.12820	130	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	13.325	0.35000	13.252	0.28788	0.12820	130	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	13.349	0.36200	13.252	0.28788	0.12820	130	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	13.350	0.30000	13.252	0.28788	0.12820	130	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	13.350	0.12000	13.252	0.28788	0.12820	130	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	13.350	0.30000	13.252	0.28788	0.12820	130	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	13.350	0.02000	13.252	0.28788	0.12820	130	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	13.350	0.10000	13.252	0.28788	0.12820	130	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	13.370	0.14000	13.252	0.28788	0.12820	130	0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	13.370	0.02000	13.252	0.28788	0.12820	130	0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	13.375	0.35000	13.252	0.28788	0.12820	130	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	13.375	0.01000	13.252	0.28788	0.12820	130	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	13.400	0.44000	13.252	0.28788	0.12820	130	0.51	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	13.400	0.20000	13.252	0.28788	0.12820	130	0.51	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	13.404	0.08700	13.252	0.28788	0.12820	130	0.52	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0961	13.405	0.01000	13.252	0.28788	0.12820	130	0.53	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	13.425	0.19000	13.252	0.28788	0.12820	130	0.60	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	13.430	0.26000	13.252	0.28788	0.12820	130	0.62	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	13.435	0.03000	13.252	0.28788	0.12820	130	0.63	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0660	13.450	0.02000	13.252	0.28788	0.12820	130	0.69	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	13.460	0.14000	13.252	0.28788	0.12820	130	0.72	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	13.460	0.20000	13.252	0.28788	0.12820	130	0.72	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	13.475	0.01000	13.252	0.28788	0.12820	130	0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	13.490	0.18000	13.252	0.28788	0.12820	130	0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	13.490	0.14000	13.252	0.28788	0.12820	130	0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	13.500	0.00000	13.252	0.28788	0.12820	130	0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	13.505	0.21000	13.252	0.28788	0.12820	130	0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	13.520	0.18000	13.252	0.28788	0.12820	130	0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	13.520	0.00000	13.252	0.28788	0.12820	130	0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	13.525	0.43000	13.252	0.28788	0.12820	130	0.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	13.535	0.11000	13.252	0.28788	0.12820	130	0.98	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	13.540	0.08000	13.252	0.28788	0.12820	130	1.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0178	13.540	0.16000	13.252	0.28788	0.12820	130	1.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2003	13.545	0.05000	13.252	0.28788	0.12820	130	1.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	13.550	0.04000	13.252	0.28788	0.12820	130	1.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	13.570	0.08000	13.252	0.28788	0.12820	130	1.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0417	13.575	0.27000	13.252	0.28788	0.12820	130	1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0051	13.600	0.20000	13.252	0.28788	0.12820	130	1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	13.615	0.03000	13.252	0.28788	0.12820	130	1.26	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	13.645	0.01000	13.252	0.28788	0.12820	130	1.36	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	13.650	0.10000	13.252	0.28788	0.12820	130	1.38	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0882	13.654	0.01500	13.252	0.28788	0.12820	130	1.39	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	13.685	0.09000	13.252	0.28788	0.12820	130	1.50	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	13.685	0.11000	13.252	0.28788	0.12820	130	1.50	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	13.720	0.18000	13.252	0.28788	0.12820	130	1.62	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	13.750	0.30000	13.252	0.28788	0.12820	130	1.73	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	13.760	0.06000	13.252	0.28788	0.12820	130	1.76	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	13.765	0.03000	13.252	0.28788	0.12820	130	1.78	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2016	13.775	0.23000	13.252	0.28788	0.12820	130	1.82	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	13.800	0.00000	13.252	0.28788	0.12820	130	1.90	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	13.810	0.62000	13.252	0.28788	0.12820	130	1.94	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	14.260	0.78000	13.252	0.28788	0.12820	130	3.50	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	6,535.3	13,043	13.252	0.28788	0.12820	130	22655.38	24607%	2
002.08	Protein, Cu/Ti (%)	0208	13.050	0.10000	13.358	0.35972	0.06373	3	-0.86	1%	0
002.08	Protein, Cu/Ti (%)	0309	13.270	0.06000	13.358	0.35972	0.06373	3	-0.24	0%	0
002.08	Protein, Cu/Ti (%)	0563	13.753	0.03120	13.358	0.35972	0.06373	3	1.10	1%	0
002.10	Protein, Block dig/distillation (%)	0546	12.738	0.02600	12.874	0.19233	0.02300	2	-0.71	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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002.10	Protein, Block dig/distillation (%)	0629	13.010	0.02000	12.874	0.19233	0.02300	2	0.71	1%	0
002.11	Protein, NIR (%)	0720	12.330	0.02000	12.827	0.49820	0.10200	5	-1.00	2%	0
002.11	Protein, NIR (%)	0951	12.470	0.22000	12.827	0.49820	0.10200	5	-0.72	1%	0
002.11	Protein, NIR (%)	0553	12.735	0.25000	12.827	0.49820	0.10200	5	-0.18	0%	0
002.11	Protein, NIR (%)	0885	13.015	0.01000	12.827	0.49820	0.10200	5	0.38	1%	0
002.11	Protein, NIR (%)	0613	13.585	0.01000	12.827	0.49820	0.10200	5	1.52	3%	0
002.99	Protein, Miscellaneous (%)	0681	12.605	0.07000	12.930	0.31548	0.09333	3	-1.03	1%	0
002.99	Protein, Miscellaneous (%)	2004	12.950	0.10000	12.930	0.31548	0.09333	3	0.06	0%	0
002.99	Protein, Miscellaneous (%)	0643	13.235	0.11000	12.930	0.31548	0.09333	3	0.97	1%	0
003.00	Fat, Eth Ext., Direct (%)	0337	3.1350	0.01000	3.5703	0.21658	0.06550	15	-2.01	6%	0
003.00	Fat, Eth Ext., Direct (%)	0142	3.2500	0.10000	3.5703	0.21658	0.06550	15	-1.48	4%	0
003.00	Fat, Eth Ext., Direct (%)	0309	3.3050	0.03000	3.5703	0.21658	0.06550	15	-1.22	4%	0
003.00	Fat, Eth Ext., Direct (%)	0354	3.4050	0.01000	3.5703	0.21658	0.06550	15	-0.76	2%	0
003.00	Fat, Eth Ext., Direct (%)	0175	3.4600	0.08000	3.5703	0.21658	0.06550	15	-0.51	2%	0
003.00	Fat, Eth Ext., Direct (%)	0106	3.4800	0.06000	3.5703	0.21658	0.06550	15	-0.42	1%	0
003.00	Fat, Eth Ext., Direct (%)	0017	3.5000	0.00000	3.5703	0.21658	0.06550	15	-0.32	1%	0
003.00	Fat, Eth Ext., Direct (%)	0065	3.6113	0.00250	3.5703	0.21658	0.06550	15	0.19	1%	0
003.00	Fat, Eth Ext., Direct (%)	0035	3.6150	0.09000	3.5703	0.21658	0.06550	15	0.21	1%	0
003.00	Fat, Eth Ext., Direct (%)	0596	3.6450	0.25000	3.5703	0.21658	0.06550	15	0.34	1%	0
003.00	Fat, Eth Ext., Direct (%)	0345	3.6750	0.07000	3.5703	0.21658	0.06550	15	0.48	1%	0
003.00	Fat, Eth Ext., Direct (%)	0884	3.7000	0.20000	3.5703	0.21658	0.06550	15	0.60	2%	0
003.00	Fat, Eth Ext., Direct (%)	0139	3.7150	0.01000	3.5703	0.21658	0.06550	15	0.67	2%	0
003.00	Fat, Eth Ext., Direct (%)	0885	4.0500	0.04000	3.5703	0.21658	0.06550	15	2.21	7%	0
003.00	Fat, Eth Ext., Direct (%)	0615	4.3550	0.03000	3.5703	0.21658	0.06550	15	3.62	11%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	3.0350	0.43000	3.2758	0.34047	0.21900	2	-0.71	4%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	3.5165	0.00800	3.2758	0.34047	0.21900	2	0.71	4%	0
003.06	Fat, Pet Ether (%)	0297	2.4000	0.18000	3.3071	0.11645	0.06322	17	-7.79	14%	0
003.06	Fat, Pet Ether (%)	0574	2.8250	0.03000	3.3071	0.11645	0.06322	17	-4.14	7%	0
003.06	Fat, Pet Ether (%)	0852	2.8350	0.01000	3.3071	0.11645	0.06322	17	-4.05	7%	0
003.06	Fat, Pet Ether (%)	2063	3.1950	0.01000	3.3071	0.11645	0.06322	17	-0.96	2%	0
003.06	Fat, Pet Ether (%)	0300	3.2375	0.02100	3.3071	0.11645	0.06322	17	-0.60	1%	0
003.06	Fat, Pet Ether (%)	0552	3.2850	0.09000	3.3071	0.11645	0.06322	17	-0.19	0%	0
003.06	Fat, Pet Ether (%)	0164	3.2950	0.01000	3.3071	0.11645	0.06322	17	-0.10	0%	0
003.06	Fat, Pet Ether (%)	0689	3.3000	0.00000	3.3071	0.11645	0.06322	17	-0.06	0%	0
003.06	Fat, Pet Ether (%)	0039	3.3062	0.12370	3.3071	0.11645	0.06322	17	-0.01	0%	0
003.06	Fat, Pet Ether (%)	0294	3.3200	0.06000	3.3071	0.11645	0.06322	17	0.11	0%	0
003.06	Fat, Pet Ether (%)	0511	3.3300	0.12000	3.3071	0.11645	0.06322	17	0.20	0%	0
003.06	Fat, Pet Ether (%)	0849	3.3650	0.11000	3.3071	0.11645	0.06322	17	0.50	1%	0
003.06	Fat, Pet Ether (%)	0687	3.3750	0.05000	3.3071	0.11645	0.06322	17	0.58	1%	0
003.06	Fat, Pet Ether (%)	0682	3.4150	0.03000	3.3071	0.11645	0.06322	17	0.93	2%	0
003.06	Fat, Pet Ether (%)	0148	3.4200	0.00000	3.3071	0.11645	0.06322	17	0.97	2%	0
003.06	Fat, Pet Ether (%)	0910	3.4900	0.08000	3.3071	0.11645	0.06322	17	1.57	3%	0



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003.06	Fat, Pet Ether (%)	0074	3.7350	0.15000	3.3071	0.11645	0.06322	17	<b>3.67</b>	6%	0
003.06	Fat, Pet Ether (%)	0083	3.1500	0.38000	3.3071	0.11645	0.06322	17	<b>-1.35</b>	2%	1
003.07	Fat, Aq Ext (%)	0647	3.1000	0.28000			0.28000	1			
003.09	Fat, Soxtec, Eth Ext (%)	0051	2.7000	0.04000	3.3870	0.14007	0.07868	24	<b>-4.90</b>	10%	0
003.09	Fat, Soxtec, Eth Ext (%)	0673	2.8500	0.10000	3.3870	0.14007	0.07868	24	<b>-3.83</b>	8%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	3.1300	0.00000	3.3870	0.14007	0.07868	24	<b>-1.84</b>	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	2067	3.1745	0.02900	3.3870	0.14007	0.07868	24	<b>-1.52</b>	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	3.2600	0.30000	3.3870	0.14007	0.07868	24	<b>-0.91</b>	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	3.3000	0.00000	3.3870	0.14007	0.07868	24	<b>-0.62</b>	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	3.3050	0.03000	3.3870	0.14007	0.07868	24	<b>-0.59</b>	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0013	3.3100	0.06000	3.3870	0.14007	0.07868	24	<b>-0.55</b>	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	3.3300	0.26000	3.3870	0.14007	0.07868	24	<b>-0.41</b>	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	3.3750	0.01000	3.3870	0.14007	0.07868	24	<b>-0.09</b>	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	3.3850	0.11000	3.3870	0.14007	0.07868	24	<b>-0.01</b>	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0968	3.4045	0.04700	3.3870	0.14007	0.07868	24	<b>0.12</b>	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	3.4100	0.04000	3.3870	0.14007	0.07868	24	<b>0.16</b>	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	3.4250	0.05000	3.3870	0.14007	0.07868	24	<b>0.27</b>	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0512	3.4395	0.12900	3.3870	0.14007	0.07868	24	<b>0.37</b>	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	3.4400	0.10000	3.3870	0.14007	0.07868	24	<b>0.38</b>	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	3.4500	0.10000	3.3870	0.14007	0.07868	24	<b>0.45</b>	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	3.4544	0.04840	3.3870	0.14007	0.07868	24	<b>0.48</b>	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0653	3.4600	0.04000	3.3870	0.14007	0.07868	24	<b>0.52</b>	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	3.5000	0.04000	3.3870	0.14007	0.07868	24	<b>0.81</b>	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	3.5126	0.07000	3.3870	0.14007	0.07868	24	<b>0.90</b>	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	3.5500	0.10000	3.3870	0.14007	0.07868	24	<b>1.16</b>	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	3.6050	0.17000	3.3870	0.14007	0.07868	24	<b>1.56</b>	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	3.6575	0.01500	3.3870	0.14007	0.07868	24	<b>1.93</b>	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	2.9250	0.09000	3.2692	0.19743	0.05339	34	<b>-1.74</b>	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	2.9500	0.10000	3.2692	0.19743	0.05339	34	<b>-1.62</b>	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0610	3.0400	0.02000	3.2692	0.19743	0.05339	34	<b>-1.16</b>	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	3.0500	0.08000	3.2692	0.19743	0.05339	34	<b>-1.11</b>	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0881	3.0740	0.05000	3.2692	0.19743	0.05339	34	<b>-0.99</b>	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	3.1000	0.04000	3.2692	0.19743	0.05339	34	<b>-0.86</b>	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	3.1050	0.03000	3.2692	0.19743	0.05339	34	<b>-0.83</b>	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	3.1250	0.07000	3.2692	0.19743	0.05339	34	<b>-0.73</b>	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0034	3.1300	0.02000	3.2692	0.19743	0.05339	34	<b>-0.70</b>	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	3.1400	0.02000	3.2692	0.19743	0.05339	34	<b>-0.65</b>	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	3.1500	0.04000	3.2692	0.19743	0.05339	34	<b>-0.60</b>	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2068	3.1500	0.02000	3.2692	0.19743	0.05339	34	<b>-0.60</b>	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	3.1600	0.04000	3.2692	0.19743	0.05339	34	<b>-0.55</b>	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2067	3.1745	0.02900	3.2692	0.19743	0.05339	34	<b>-0.48</b>	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	3.2050	0.01000	3.2692	0.19743	0.05339	34	<b>-0.32</b>	1%	0

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003.10	Fat, Soxtec, Pet Ether (%)	0720	3.2200	0.10000	3.2692	0.19743	0.05339	34	-0.25	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	3.2400	0.02000	3.2692	0.19743	0.05339	34	-0.15	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	3.2650	0.05000	3.2692	0.19743	0.05339	34	-0.02	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	3.3000	0.00000	3.2692	0.19743	0.05339	34	0.16	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	3.3050	0.07000	3.2692	0.19743	0.05339	34	0.18	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0887	3.3550	0.01000	3.2692	0.19743	0.05339	34	0.43	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	3.3700	0.14000	3.2692	0.19743	0.05339	34	0.51	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2042	3.3800	0.02000	3.2692	0.19743	0.05339	34	0.56	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2003	3.3850	0.03000	3.2692	0.19743	0.05339	34	0.59	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0896	3.4050	0.01000	3.2692	0.19743	0.05339	34	0.69	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	3.4200	0.20000	3.2692	0.19743	0.05339	34	0.76	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0178	3.4350	0.11000	3.2692	0.19743	0.05339	34	0.84	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0160	3.4450	0.05000	3.2692	0.19743	0.05339	34	0.89	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0937	3.4500	0.02000	3.2692	0.19743	0.05339	34	0.92	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	3.4650	0.01000	3.2692	0.19743	0.05339	34	0.99	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	3.4700	0.02000	3.2692	0.19743	0.05339	34	1.02	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0623	3.6278	0.05610	3.2692	0.19743	0.05339	34	1.82	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	3.6550	0.13000	3.2692	0.19743	0.05339	34	1.95	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0918	3.7050	0.11000	3.2692	0.19743	0.05339	34	2.21	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	3.5500	0.78000	3.2692	0.19743	0.05339	34	1.42	4%	1
003.11	Fat, NIR (%)	0720	3.3450	0.01000	3.4800	0.17671	0.08000	3	-0.76	2%	0
003.11	Fat, NIR (%)	0553	3.4150	0.19000	3.4800	0.17671	0.08000	3	-0.37	1%	0
003.11	Fat, NIR (%)	0613	3.6800	0.04000	3.4800	0.17671	0.08000	3	1.13	3%	0
003.12	Fat, Hexane Ext (%)	0171	3.1700	0.12000	3.3198	0.11469	0.04112	14	-1.31	2%	0
003.12	Fat, Hexane Ext (%)	2061	3.1750	0.07000	3.3198	0.11469	0.04112	14	-1.26	2%	0
003.12	Fat, Hexane Ext (%)	2006	3.2400	0.02000	3.3198	0.11469	0.04112	14	-0.70	1%	0
003.12	Fat, Hexane Ext (%)	0894	3.2450	0.01000	3.3198	0.11469	0.04112	14	-0.65	1%	0
003.12	Fat, Hexane Ext (%)	0893	3.2550	0.01000	3.3198	0.11469	0.04112	14	-0.56	1%	0
003.12	Fat, Hexane Ext (%)	0939	3.2850	0.07000	3.3198	0.11469	0.04112	14	-0.30	1%	0
003.12	Fat, Hexane Ext (%)	0895	3.2900	0.00000	3.3198	0.11469	0.04112	14	-0.26	0%	0
003.12	Fat, Hexane Ext (%)	2027	3.3239	0.02570	3.3198	0.11469	0.04112	14	0.04	0%	0
003.12	Fat, Hexane Ext (%)	0938	3.3250	0.01000	3.3198	0.11469	0.04112	14	0.05	0%	0
003.12	Fat, Hexane Ext (%)	2062	3.3800	0.06000	3.3198	0.11469	0.04112	14	0.53	1%	0
003.12	Fat, Hexane Ext (%)	2028	3.4000	0.00000	3.3198	0.11469	0.04112	14	0.70	1%	0
003.12	Fat, Hexane Ext (%)	0966	3.4670	0.02000	3.3198	0.11469	0.04112	14	1.28	2%	0
003.12	Fat, Hexane Ext (%)	2065	3.4750	0.05000	3.3198	0.11469	0.04112	14	1.35	2%	0
003.12	Fat, Hexane Ext (%)	0123	3.5650	0.11000	3.3198	0.11469	0.04112	14	2.14	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	3.1650	0.19000	3.3336	0.15101	0.12767	6	-1.12	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	3.2300	0.04000	3.3336	0.15101	0.12767	6	-0.69	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	3.2900	0.22000	3.3336	0.15101	0.12767	6	-0.29	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0660	3.3700	0.08000	3.3336	0.15101	0.12767	6	0.24	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	3.4130	0.16600	3.3336	0.15101	0.12767	6	0.53	1%	0

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003.13	Fat, Soxtec, Hexane Ext. (%)	0187	3.9350	0.07000	3.3336	0.15101	0.12767	6	3.98	9%	0
003.14	Fat, Ankom (%)	0613	2.9600	0.32000	3.3865	0.18443	0.12614	34	-2.31	6%	0
003.14	Fat, Ankom (%)	0202	3.0100	0.00000	3.3865	0.18443	0.12614	34	-2.04	6%	0
003.14	Fat, Ankom (%)	0066	3.0650	0.11000	3.3865	0.18443	0.12614	34	-1.74	5%	0
003.14	Fat, Ankom (%)	0144	3.1500	0.08000	3.3865	0.18443	0.12614	34	-1.28	3%	0
003.14	Fat, Ankom (%)	0175	3.1500	0.10000	3.3865	0.18443	0.12614	34	-1.28	3%	0
003.14	Fat, Ankom (%)	0229	3.1700	0.02000	3.3865	0.18443	0.12614	34	-1.17	3%	0
003.14	Fat, Ankom (%)	0089	3.2300	0.00000	3.3865	0.18443	0.12614	34	-0.85	2%	0
003.14	Fat, Ankom (%)	0581	3.2500	0.02000	3.3865	0.18443	0.12614	34	-0.74	2%	0
003.14	Fat, Ankom (%)	0891	3.2928	0.00580	3.3865	0.18443	0.12614	34	-0.51	1%	0
003.14	Fat, Ankom (%)	0357	3.3000	0.20000	3.3865	0.18443	0.12614	34	-0.47	1%	0
003.14	Fat, Ankom (%)	0683	3.3050	0.19000	3.3865	0.18443	0.12614	34	-0.44	1%	0
003.14	Fat, Ankom (%)	0049	3.3300	0.24000	3.3865	0.18443	0.12614	34	-0.31	1%	0
003.14	Fat, Ankom (%)	0169	3.3350	0.13000	3.3865	0.18443	0.12614	34	-0.28	1%	0
003.14	Fat, Ankom (%)	0001	3.3475	0.10300	3.3865	0.18443	0.12614	34	-0.21	1%	0
003.14	Fat, Ankom (%)	0108	3.3500	0.24000	3.3865	0.18443	0.12614	34	-0.20	1%	0
003.14	Fat, Ankom (%)	0878	3.3600	0.16000	3.3865	0.18443	0.12614	34	-0.14	0%	0
003.14	Fat, Ankom (%)	0848	3.3750	0.07000	3.3865	0.18443	0.12614	34	-0.06	0%	0
003.14	Fat, Ankom (%)	0913	3.3950	0.35000	3.3865	0.18443	0.12614	34	0.05	0%	0
003.14	Fat, Ankom (%)	0265	3.4000	0.00000	3.3865	0.18443	0.12614	34	0.07	0%	0
003.14	Fat, Ankom (%)	0278	3.4000	0.00000	3.3865	0.18443	0.12614	34	0.07	0%	0
003.14	Fat, Ankom (%)	0956	3.4000	0.20000	3.3865	0.18443	0.12614	34	0.07	0%	0
003.14	Fat, Ankom (%)	0529	3.4450	0.03000	3.3865	0.18443	0.12614	34	0.32	1%	0
003.14	Fat, Ankom (%)	0358	3.4600	0.24000	3.3865	0.18443	0.12614	34	0.40	1%	0
003.14	Fat, Ankom (%)	0015	3.4700	0.06000	3.3865	0.18443	0.12614	34	0.45	1%	0
003.14	Fat, Ankom (%)	0407	3.4800	0.00000	3.3865	0.18443	0.12614	34	0.51	1%	0
003.14	Fat, Ankom (%)	0190	3.5250	0.03000	3.3865	0.18443	0.12614	34	0.75	2%	0
003.14	Fat, Ankom (%)	0726	3.5250	0.05000	3.3865	0.18443	0.12614	34	0.75	2%	0
003.14	Fat, Ankom (%)	0009	3.5450	0.11000	3.3865	0.18443	0.12614	34	0.86	2%	0
003.14	Fat, Ankom (%)	0955	3.5700	0.14000	3.3865	0.18443	0.12614	34	1.00	3%	0
003.14	Fat, Ankom (%)	0013	3.6300	0.48000	3.3865	0.18443	0.12614	34	1.32	4%	0
003.14	Fat, Ankom (%)	0574	3.6400	0.48000	3.3865	0.18443	0.12614	34	1.37	4%	0
003.14	Fat, Ankom (%)	0019	3.6800	0.12000	3.3865	0.18443	0.12614	34	1.59	4%	0
003.14	Fat, Ankom (%)	0413	3.9000	0.00000	3.3865	0.18443	0.12614	34	2.78	8%	0
003.14	Fat, Ankom (%)	2023	4.1850	0.01000	3.3865	0.18443	0.12614	34	4.33	12%	0
003.99	Fat, Miscellaneous (%)	0880	2.3500	0.50000	2.9825	0.45221	0.15500	4	-1.40	11%	0
003.99	Fat, Miscellaneous (%)	0546	2.9900	0.02000	2.9825	0.45221	0.15500	4	0.02	0%	0
003.99	Fat, Miscellaneous (%)	0047	3.2000	0.00000	2.9825	0.45221	0.15500	4	0.48	4%	0
003.99	Fat, Miscellaneous (%)	0630	3.3900	0.10000	2.9825	0.45221	0.15500	4	0.90	7%	0
004.00	Fiber, Crude Asbestos Free (%)	0345	15.995	0.19000	17.326	0.67432	0.27800	20	-1.97	4%	0
004.00	Fiber, Crude Asbestos Free (%)	0298	16.280	0.02000	17.326	0.67432	0.27800	20	-1.55	3%	0
004.00	Fiber, Crude Asbestos Free (%)	0681	16.335	0.75000	17.326	0.67432	0.27800	20	-1.47	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
004.00	Fiber, Crude Asbestos Free (%)	0034	16.550	0.10000	17.326	0.67432	0.27800	20	-1.15	2%	0
004.00	Fiber, Crude Asbestos Free (%)	2004	16.900	0.20000	17.326	0.67432	0.27800	20	-0.63	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0169	16.955	0.11000	17.326	0.67432	0.27800	20	-0.55	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0884	17.000	1.0000	17.326	0.67432	0.27800	20	-0.48	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0199	17.050	0.10000	17.326	0.67432	0.27800	20	-0.41	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0208	17.250	0.70000	17.326	0.67432	0.27800	20	-0.11	0%	0
004.00	Fiber, Crude Asbestos Free (%)	0353	17.285	0.33000	17.326	0.67432	0.27800	20	-0.06	0%	0
004.00	Fiber, Crude Asbestos Free (%)	0175	17.350	0.30000	17.326	0.67432	0.27800	20	0.04	0%	0
004.00	Fiber, Crude Asbestos Free (%)	0164	17.550	0.10000	17.326	0.67432	0.27800	20	0.33	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0171	17.550	0.10000	17.326	0.67432	0.27800	20	0.33	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0309	17.630	0.38000	17.326	0.67432	0.27800	20	0.45	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0354	17.640	0.04000	17.326	0.67432	0.27800	20	0.47	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0226	17.850	0.10000	17.326	0.67432	0.27800	20	0.78	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0511	18.050	0.10000	17.326	0.67432	0.27800	20	1.07	2%	0
004.00	Fiber, Crude Asbestos Free (%)	2023	18.360	0.24000	17.326	0.67432	0.27800	20	1.53	3%	0
004.00	Fiber, Crude Asbestos Free (%)	0013	18.650	0.56000	17.326	0.67432	0.27800	20	1.96	4%	0
004.00	Fiber, Crude Asbestos Free (%)	0337	20.000	0.14000	17.326	0.67432	0.27800	20	3.97	8%	0
004.01	Fiber, Sing Filt (%)	0366	17.500	0.20000	21.050	5.0205	0.20000	2	-0.71	8%	0
004.01	Fiber, Sing Filt (%)	0045	24.600	0.20000	21.050	5.0205	0.20000	2	0.71	8%	0
004.03	Fiber, Fritted Glass (%)	2042	15.100	0.20000	17.428	1.8486	0.22140	5	-1.26	7%	0
004.03	Fiber, Fritted Glass (%)	2067	16.890	0.00700	17.428	1.8486	0.22140	5	-0.29	2%	0
004.03	Fiber, Fritted Glass (%)	0921	17.260	0.36000	17.428	1.8486	0.22140	5	-0.09	0%	0
004.03	Fiber, Fritted Glass (%)	0964	17.655	0.19000	17.428	1.8486	0.22140	5	0.12	1%	0
004.03	Fiber, Fritted Glass (%)	0647	20.235	0.35000	17.428	1.8486	0.22140	5	1.52	8%	0
004.06	Fiber, Fibertec (%)	0610	15.600	0.40000	17.469	0.89160	0.14008	38	-2.10	5%	0
004.06	Fiber, Fibertec (%)	0966	15.617	0.16800	17.469	0.89160	0.14008	38	-2.08	5%	0
004.06	Fiber, Fibertec (%)	0895	15.670	0.02000	17.469	0.89160	0.14008	38	-2.02	5%	0
004.06	Fiber, Fibertec (%)	2068	16.455	0.01000	17.469	0.89160	0.14008	38	-1.14	3%	0
004.06	Fiber, Fibertec (%)	2027	16.488	0.03820	17.469	0.89160	0.14008	38	-1.10	3%	0
004.06	Fiber, Fibertec (%)	0590	16.500	0.22000	17.469	0.89160	0.14008	38	-1.09	3%	0
004.06	Fiber, Fibertec (%)	0893	16.565	0.01000	17.469	0.89160	0.14008	38	-1.01	3%	0
004.06	Fiber, Fibertec (%)	0673	16.750	0.30000	17.469	0.89160	0.14008	38	-0.81	2%	0
004.06	Fiber, Fibertec (%)	2065	16.790	0.10000	17.469	0.89160	0.14008	38	-0.76	2%	0
004.06	Fiber, Fibertec (%)	2067	16.890	0.00700	17.469	0.89160	0.14008	38	-0.65	2%	0
004.06	Fiber, Fibertec (%)	0675	16.935	0.03000	17.469	0.89160	0.14008	38	-0.60	2%	0
004.06	Fiber, Fibertec (%)	0098	17.045	0.31000	17.469	0.89160	0.14008	38	-0.48	1%	0
004.06	Fiber, Fibertec (%)	0938	17.165	0.03000	17.469	0.89160	0.14008	38	-0.34	1%	0
004.06	Fiber, Fibertec (%)	0205	17.200	0.00000	17.469	0.89160	0.14008	38	-0.30	1%	0
004.06	Fiber, Fibertec (%)	0894	17.200	0.04000	17.469	0.89160	0.14008	38	-0.30	1%	0
004.06	Fiber, Fibertec (%)	0952	17.225	0.03000	17.469	0.89160	0.14008	38	-0.27	1%	0
004.06	Fiber, Fibertec (%)	2028	17.225	0.01000	17.469	0.89160	0.14008	38	-0.27	1%	0
004.06	Fiber, Fibertec (%)	0866	17.230	0.02000	17.469	0.89160	0.14008	38	-0.27	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0881	17.239	0.00900	17.469	0.89160	0.14008	38	-0.26	1%	0
004.06	Fiber, Fibertec (%)	0653	17.470	0.04000	17.469	0.89160	0.14008	38	0.00	0%	0
004.06	Fiber, Fibertec (%)	0885	17.560	0.06000	17.469	0.89160	0.14008	38	0.10	0%	0
004.06	Fiber, Fibertec (%)	0878	17.565	0.27000	17.469	0.89160	0.14008	38	0.11	0%	0
004.06	Fiber, Fibertec (%)	0887	17.615	0.01000	17.469	0.89160	0.14008	38	0.16	0%	0
004.06	Fiber, Fibertec (%)	0689	17.700	0.40000	17.469	0.89160	0.14008	38	0.26	1%	0
004.06	Fiber, Fibertec (%)	0720	17.725	0.09000	17.469	0.89160	0.14008	38	0.29	1%	0
004.06	Fiber, Fibertec (%)	0937	17.750	0.10000	17.469	0.89160	0.14008	38	0.32	1%	0
004.06	Fiber, Fibertec (%)	0868	17.840	0.04000	17.469	0.89160	0.14008	38	0.42	1%	0
004.06	Fiber, Fibertec (%)	2063	17.855	0.01000	17.469	0.89160	0.14008	38	0.43	1%	0
004.06	Fiber, Fibertec (%)	2022	18.465	0.11000	17.469	0.89160	0.14008	38	1.12	3%	0
004.06	Fiber, Fibertec (%)	0948	18.590	0.18000	17.469	0.89160	0.14008	38	1.26	3%	0
004.06	Fiber, Fibertec (%)	2006	18.690	0.34000	17.469	0.89160	0.14008	38	1.37	3%	0
004.06	Fiber, Fibertec (%)	0845	18.745	0.03000	17.469	0.89160	0.14008	38	1.43	4%	0
004.06	Fiber, Fibertec (%)	2062	18.750	0.30000	17.469	0.89160	0.14008	38	1.44	4%	0
004.06	Fiber, Fibertec (%)	0968	19.034	0.00100	17.469	0.89160	0.14008	38	1.76	4%	0
004.06	Fiber, Fibertec (%)	0674	19.325	0.27000	17.469	0.89160	0.14008	38	2.08	5%	0
004.06	Fiber, Fibertec (%)	2061	19.390	0.42000	17.469	0.89160	0.14008	38	2.16	5%	0
004.06	Fiber, Fibertec (%)	0609	19.835	0.11000	17.469	0.89160	0.14008	38	2.65	7%	0
004.06	Fiber, Fibertec (%)	0728	20.225	0.79000	17.469	0.89160	0.14008	38	3.09	8%	0
004.06	Fiber, Fibertec (%)	0676	18.315	1.0900	17.469	0.89160	0.14008	38	0.95	2%	1
004.06	Fiber, Fibertec (%)	0552	19.640	1.0400	17.469	0.89160	0.14008	38	2.44	6%	1
004.07	Fiber, ANKOM (%)	0123	15.960	0.32000	17.310	0.79050	0.22883	53	-1.71	4%	0
004.07	Fiber, ANKOM (%)	0265	16.100	0.00000	17.310	0.79050	0.22883	53	-1.53	3%	0
004.07	Fiber, ANKOM (%)	0505	16.180	0.06000	17.310	0.79050	0.22883	53	-1.43	3%	0
004.07	Fiber, ANKOM (%)	0891	16.387	0.00930	17.310	0.79050	0.22883	53	-1.17	3%	0
004.07	Fiber, ANKOM (%)	0013	16.395	0.57000	17.310	0.79050	0.22883	53	-1.16	3%	0
004.07	Fiber, ANKOM (%)	0294	16.450	0.10000	17.310	0.79050	0.22883	53	-1.09	2%	0
004.07	Fiber, ANKOM (%)	0708	16.485	0.29000	17.310	0.79050	0.22883	53	-1.04	2%	0
004.07	Fiber, ANKOM (%)	0202	16.490	0.04000	17.310	0.79050	0.22883	53	-1.04	2%	0
004.07	Fiber, ANKOM (%)	0682	16.540	0.34000	17.310	0.79050	0.22883	53	-0.97	2%	0
004.07	Fiber, ANKOM (%)	0098	16.545	0.05000	17.310	0.79050	0.22883	53	-0.97	2%	0
004.07	Fiber, ANKOM (%)	0407	16.655	0.09000	17.310	0.79050	0.22883	53	-0.83	2%	0
004.07	Fiber, ANKOM (%)	0619	16.700	0.40000	17.310	0.79050	0.22883	53	-0.77	2%	0
004.07	Fiber, ANKOM (%)	0683	16.725	0.13000	17.310	0.79050	0.22883	53	-0.74	2%	0
004.07	Fiber, ANKOM (%)	0074	16.735	0.45000	17.310	0.79050	0.22883	53	-0.73	2%	0
004.07	Fiber, ANKOM (%)	0178	16.760	0.04000	17.310	0.79050	0.22883	53	-0.70	2%	0
004.07	Fiber, ANKOM (%)	0939	16.760	0.02000	17.310	0.79050	0.22883	53	-0.70	2%	0
004.07	Fiber, ANKOM (%)	0033	16.825	0.25000	17.310	0.79050	0.22883	53	-0.61	1%	0
004.07	Fiber, ANKOM (%)	0278	16.850	0.10000	17.310	0.79050	0.22883	53	-0.58	1%	0
004.07	Fiber, ANKOM (%)	0035	16.940	0.02000	17.310	0.79050	0.22883	53	-0.47	1%	0
004.07	Fiber, ANKOM (%)	0160	16.955	1.1700	17.310	0.79050	0.22883	53	-0.45	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0913	17.030	0.02000	17.310	0.79050	0.22883	53	-0.35	1%	0
004.07	Fiber, ANKOM (%)	0510	17.100	0.00000	17.310	0.79050	0.22883	53	-0.27	1%	0
004.07	Fiber, ANKOM (%)	2012	17.185	0.31000	17.310	0.79050	0.22883	53	-0.16	0%	0
004.07	Fiber, ANKOM (%)	0003	17.210	0.38000	17.310	0.79050	0.22883	53	-0.13	0%	0
004.07	Fiber, ANKOM (%)	0019	17.225	0.39000	17.310	0.79050	0.22883	53	-0.11	0%	0
004.07	Fiber, ANKOM (%)	0849	17.225	0.05000	17.310	0.79050	0.22883	53	-0.11	0%	0
004.07	Fiber, ANKOM (%)	0144	17.305	0.09000	17.310	0.79050	0.22883	53	-0.01	0%	0
004.07	Fiber, ANKOM (%)	0643	17.310	0.24000	17.310	0.79050	0.22883	53	0.00	0%	0
004.07	Fiber, ANKOM (%)	0190	17.335	0.13000	17.310	0.79050	0.22883	53	0.03	0%	0
004.07	Fiber, ANKOM (%)	0861	17.355	0.05000	17.310	0.79050	0.22883	53	0.06	0%	0
004.07	Fiber, ANKOM (%)	0242	17.355	0.01000	17.310	0.79050	0.22883	53	0.06	0%	0
004.07	Fiber, ANKOM (%)	0008	17.405	0.23000	17.310	0.79050	0.22883	53	0.12	0%	0
004.07	Fiber, ANKOM (%)	0529	17.415	0.03000	17.310	0.79050	0.22883	53	0.13	0%	0
004.07	Fiber, ANKOM (%)	0646	17.595	0.63000	17.310	0.79050	0.22883	53	0.36	1%	0
004.07	Fiber, ANKOM (%)	0956	17.650	0.70000	17.310	0.79050	0.22883	53	0.43	1%	0
004.07	Fiber, ANKOM (%)	0581	17.710	0.10000	17.310	0.79050	0.22883	53	0.51	1%	0
004.07	Fiber, ANKOM (%)	0089	17.750	0.04000	17.310	0.79050	0.22883	53	0.56	1%	0
004.07	Fiber, ANKOM (%)	0726	17.815	0.03000	17.310	0.79050	0.22883	53	0.64	1%	0
004.07	Fiber, ANKOM (%)	0004	17.825	0.29000	17.310	0.79050	0.22883	53	0.65	1%	0
004.07	Fiber, ANKOM (%)	0009	17.845	0.05000	17.310	0.79050	0.22883	53	0.68	2%	0
004.07	Fiber, ANKOM (%)	0354	17.880	0.04000	17.310	0.79050	0.22883	53	0.72	2%	0
004.07	Fiber, ANKOM (%)	0229	17.950	0.70000	17.310	0.79050	0.22883	53	0.81	2%	0
004.07	Fiber, ANKOM (%)	0100	18.005	0.05000	17.310	0.79050	0.22883	53	0.88	2%	0
004.07	Fiber, ANKOM (%)	0413	18.100	0.20000	17.310	0.79050	0.22883	53	1.00	2%	0
004.07	Fiber, ANKOM (%)	0723	18.110	0.00000	17.310	0.79050	0.22883	53	1.01	2%	0
004.07	Fiber, ANKOM (%)	0613	18.165	0.65000	17.310	0.79050	0.22883	53	1.08	2%	0
004.07	Fiber, ANKOM (%)	0848	18.335	0.05000	17.310	0.79050	0.22883	53	1.30	3%	0
004.07	Fiber, ANKOM (%)	0300	18.356	0.24800	17.310	0.79050	0.22883	53	1.32	3%	0
004.07	Fiber, ANKOM (%)	0951	18.370	0.64000	17.310	0.79050	0.22883	53	1.34	3%	0
004.07	Fiber, ANKOM (%)	0598	18.400	0.14000	17.310	0.79050	0.22883	53	1.38	3%	0
004.07	Fiber, ANKOM (%)	0083	18.600	1.0000	17.310	0.79050	0.22883	53	1.63	4%	0
004.07	Fiber, ANKOM (%)	0015	18.795	0.17000	17.310	0.79050	0.22883	53	1.88	4%	0
004.07	Fiber, ANKOM (%)	0563	19.710	0.02050	17.310	0.79050	0.22883	53	3.04	7%	0
004.07	Fiber, ANKOM (%)	0553	18.140	2.3200	17.310	0.79050	0.22883	53	1.05	2%	1
004.11	Fiber, NIR (%)	0720	13.450	0.10000	15.694	1.4306	0.31200	5	-1.57	7%	0
004.11	Fiber, NIR (%)	0553	15.415	0.43000	15.694	1.4306	0.31200	5	-0.20	1%	0
004.11	Fiber, NIR (%)	0951	15.815	0.23000	15.694	1.4306	0.31200	5	0.08	0%	0
004.11	Fiber, NIR (%)	0910	16.600	0.80000	15.694	1.4306	0.31200	5	0.63	3%	0
004.11	Fiber, NIR (%)	0613	17.190	0.00000	15.694	1.4306	0.31200	5	1.05	5%	0
004.99	Fiber, Miscellaneous (%)	0629	16.550	0.10000	17.363	1.1490	0.18500	2	-0.71	2%	0
004.99	Fiber, Miscellaneous (%)	0918	18.175	0.27000	17.363	1.1490	0.18500	2	0.71	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	7.1300	0.14000	7.7178	0.22410	0.06920	100	-2.62	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
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005.00	Ash, 2h @ 600°C (%)	0960	7.1700	0.04000	7.7178	0.22410	0.06920	100	-2.44	4%	0
005.00	Ash, 2h @ 600°C (%)	0956	7.2500	0.10000	7.7178	0.22410	0.06920	100	-2.09	3%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.2650	0.23000	7.7178	0.22410	0.06920	100	-2.02	3%	0
005.00	Ash, 2h @ 600°C (%)	0065	7.2919	0.00620	7.7178	0.22410	0.06920	100	-1.90	3%	0
005.00	Ash, 2h @ 600°C (%)	0337	7.2950	0.03000	7.7178	0.22410	0.06920	100	-1.89	3%	0
005.00	Ash, 2h @ 600°C (%)	0008	7.3350	0.11000	7.7178	0.22410	0.06920	100	-1.71	2%	0
005.00	Ash, 2h @ 600°C (%)	0959	7.3550	0.19000	7.7178	0.22410	0.06920	100	-1.62	2%	0
005.00	Ash, 2h @ 600°C (%)	0541	7.3650	0.01000	7.7178	0.22410	0.06920	100	-1.57	2%	0
005.00	Ash, 2h @ 600°C (%)	0049	7.3700	0.14000	7.7178	0.22410	0.06920	100	-1.55	2%	0
005.00	Ash, 2h @ 600°C (%)	0957	7.3850	0.07000	7.7178	0.22410	0.06920	100	-1.49	2%	0
005.00	Ash, 2h @ 600°C (%)	0596	7.3900	0.02000	7.7178	0.22410	0.06920	100	-1.46	2%	0
005.00	Ash, 2h @ 600°C (%)	0205	7.4080	0.05600	7.7178	0.22410	0.06920	100	-1.38	2%	0
005.00	Ash, 2h @ 600°C (%)	0598	7.4150	0.09000	7.7178	0.22410	0.06920	100	-1.35	2%	0
005.00	Ash, 2h @ 600°C (%)	0015	7.4200	0.04000	7.7178	0.22410	0.06920	100	-1.33	2%	0
005.00	Ash, 2h @ 600°C (%)	0123	7.4250	0.21000	7.7178	0.22410	0.06920	100	-1.31	2%	0
005.00	Ash, 2h @ 600°C (%)	0650	7.4400	0.14000	7.7178	0.22410	0.06920	100	-1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	7.4500	0.10000	7.7178	0.22410	0.06920	100	-1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	2066	7.4650	0.19000	7.7178	0.22410	0.06920	100	-1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	7.4700	0.00000	7.7178	0.22410	0.06920	100	-1.11	2%	0
005.00	Ash, 2h @ 600°C (%)	0563	7.4879	0.01510	7.7178	0.22410	0.06920	100	-1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	7.4924	0.02110	7.7178	0.22410	0.06920	100	-1.01	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	7.5000	0.00000	7.7178	0.22410	0.06920	100	-0.97	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	7.5050	0.05000	7.7178	0.22410	0.06920	100	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	7.5300	0.00000	7.7178	0.22410	0.06920	100	-0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	7.5300	0.16000	7.7178	0.22410	0.06920	100	-0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	7.5307	0.07050	7.7178	0.22410	0.06920	100	-0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	7.5350	0.01000	7.7178	0.22410	0.06920	100	-0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	7.5650	0.05000	7.7178	0.22410	0.06920	100	-0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	7.5900	0.02000	7.7178	0.22410	0.06920	100	-0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0881	7.5935	0.07500	7.7178	0.22410	0.06920	100	-0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	7.6250	0.15000	7.7178	0.22410	0.06920	100	-0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	7.6350	0.13000	7.7178	0.22410	0.06920	100	-0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0178	7.6400	0.02000	7.7178	0.22410	0.06920	100	-0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	7.6500	0.02000	7.7178	0.22410	0.06920	100	-0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	7.6550	0.03000	7.7178	0.22410	0.06920	100	-0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0675	7.6550	0.01000	7.7178	0.22410	0.06920	100	-0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0845	7.6700	0.22000	7.7178	0.22410	0.06920	100	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0417	7.6800	0.16000	7.7178	0.22410	0.06920	100	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	7.6850	0.01000	7.7178	0.22410	0.06920	100	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	7.6850	0.03000	7.7178	0.22410	0.06920	100	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0620	7.6875	0.02500	7.7178	0.22410	0.06920	100	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	7.7100	0.18000	7.7178	0.22410	0.06920	100	-0.03	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0187	7.7100	0.06000	7.7178	0.22410	0.06920	100	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	7.7150	0.01000	7.7178	0.22410	0.06920	100	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	7.7205	0.08300	7.7178	0.22410	0.06920	100	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	7.7400	0.10000	7.7178	0.22410	0.06920	100	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	7.7500	0.06000	7.7178	0.22410	0.06920	100	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	7.7500	0.10000	7.7178	0.22410	0.06920	100	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	7.7500	0.02000	7.7178	0.22410	0.06920	100	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	7.7500	0.08000	7.7178	0.22410	0.06920	100	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0609	7.7600	0.04000	7.7178	0.22410	0.06920	100	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0874	7.7650	0.05000	7.7178	0.22410	0.06920	100	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0152	7.7700	0.06000	7.7178	0.22410	0.06920	100	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	7.7700	0.04000	7.7178	0.22410	0.06920	100	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0066	7.7750	0.03000	7.7178	0.22410	0.06920	100	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0723	7.7800	0.00000	7.7178	0.22410	0.06920	100	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	7.7800	0.00000	7.7178	0.22410	0.06920	100	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	7.7950	0.07000	7.7178	0.22410	0.06920	100	0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0660	7.7950	0.01000	7.7178	0.22410	0.06920	100	0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0297	7.8000	0.00000	7.7178	0.22410	0.06920	100	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0921	7.8000	0.06000	7.7178	0.22410	0.06920	100	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	7.8000	0.36000	7.7178	0.22410	0.06920	100	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	7.8100	0.06000	7.7178	0.22410	0.06920	100	0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0681	7.8100	0.02000	7.7178	0.22410	0.06920	100	0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	7.8155	0.03900	7.7178	0.22410	0.06920	100	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	7.8200	0.00000	7.7178	0.22410	0.06920	100	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	7.8300	0.02000	7.7178	0.22410	0.06920	100	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.8300	0.00000	7.7178	0.22410	0.06920	100	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	7.8300	0.16000	7.7178	0.22410	0.06920	100	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	7.8300	0.02000	7.7178	0.22410	0.06920	100	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	7.8500	0.10000	7.7178	0.22410	0.06920	100	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.8600	0.02000	7.7178	0.22410	0.06920	100	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	7.8600	0.02000	7.7178	0.22410	0.06920	100	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	7.8610	0.04730	7.7178	0.22410	0.06920	100	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	7.8650	0.03000	7.7178	0.22410	0.06920	100	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0913	7.8650	0.03000	7.7178	0.22410	0.06920	100	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0138	7.8735	0.05300	7.7178	0.22410	0.06920	100	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	7.8850	0.01000	7.7178	0.22410	0.06920	100	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	7.8900	0.16000	7.7178	0.22410	0.06920	100	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	7.8900	0.18000	7.7178	0.22410	0.06920	100	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0062	7.9000	0.06000	7.7178	0.22410	0.06920	100	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	7.9050	0.03000	7.7178	0.22410	0.06920	100	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	7.9050	0.13000	7.7178	0.22410	0.06920	100	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	7.9100	0.04000	7.7178	0.22410	0.06920	100	0.86	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0589	7.9150	0.01000	7.7178	0.22410	0.06920	100	0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0961	7.9200	0.02000	7.7178	0.22410	0.06920	100	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	7.9400	0.12000	7.7178	0.22410	0.06920	100	0.99	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	7.9700	0.06000	7.7178	0.22410	0.06920	100	1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0658	7.9916	0.00200	7.7178	0.22410	0.06920	100	1.22	2%	0
005.00	Ash, 2h @ 600°C (%)	0504	8.0000	0.16000	7.7178	0.22410	0.06920	100	1.26	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	8.0050	0.03000	7.7178	0.22410	0.06920	100	1.28	2%	0
005.00	Ash, 2h @ 600°C (%)	0615	8.0150	0.15000	7.7178	0.22410	0.06920	100	1.33	2%	0
005.00	Ash, 2h @ 600°C (%)	2012	8.0300	0.02000	7.7178	0.22410	0.06920	100	1.39	2%	0
005.00	Ash, 2h @ 600°C (%)	0242	8.0750	0.07000	7.7178	0.22410	0.06920	100	1.59	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	8.0850	0.11000	7.7178	0.22410	0.06920	100	1.64	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.1000	0.00000	7.7178	0.22410	0.06920	100	1.71	2%	0
005.00	Ash, 2h @ 600°C (%)	0623	8.2905	0.07720	7.7178	0.22410	0.06920	100	2.56	4%	0
005.00	Ash, 2h @ 600°C (%)	0646	8.3200	0.24000	7.7178	0.22410	0.06920	100	2.69	4%	0
005.00	Ash, 2h @ 600°C (%)	0852	8.3700	0.02000	7.7178	0.22410	0.06920	100	2.91	4%	0
005.00	Ash, 2h @ 600°C (%)	0958	7.4800	0.50000	7.7178	0.22410	0.06920	100	-1.06	2%	1
005.00	Ash, 2h @ 600°C (%)	0553	7.5550	0.59000	7.7178	0.22410	0.06920	100	-0.73	1%	1
005.00	Ash, 2h @ 600°C (%)	0051	7.5650	0.51000	7.7178	0.22410	0.06920	100	-0.68	1%	1
005.02	Ash, LECO (%)	0610	7.9150	0.01000			0.01000	1			
005.05	Ash, 3h @ 550°C (%)	2062	7.2350	0.07000	7.8684	0.13604	0.04334	31	-4.66	4%	0
005.05	Ash, 3h @ 550°C (%)	2061	7.6100	0.04000	7.8684	0.13604	0.04334	31	-1.90	2%	0
005.05	Ash, 3h @ 550°C (%)	0893	7.7050	0.01000	7.8684	0.13604	0.04334	31	-1.20	1%	0
005.05	Ash, 3h @ 550°C (%)	0896	7.7050	0.01000	7.8684	0.13604	0.04334	31	-1.20	1%	0
005.05	Ash, 3h @ 550°C (%)	0938	7.7350	0.03000	7.8684	0.13604	0.04334	31	-0.98	1%	0
005.05	Ash, 3h @ 550°C (%)	0891	7.7395	0.00480	7.8684	0.13604	0.04334	31	-0.95	1%	0
005.05	Ash, 3h @ 550°C (%)	0951	7.7500	0.04000	7.8684	0.13604	0.04334	31	-0.87	1%	0
005.05	Ash, 3h @ 550°C (%)	2027	7.7635	0.04400	7.8684	0.13604	0.04334	31	-0.77	1%	0
005.05	Ash, 3h @ 550°C (%)	2065	7.7650	0.03000	7.8684	0.13604	0.04334	31	-0.76	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	7.7700	0.14000	7.8684	0.13604	0.04334	31	-0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	2028	7.8300	0.02000	7.8684	0.13604	0.04334	31	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	7.8317	0.01670	7.8684	0.13604	0.04334	31	-0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0033	7.8450	0.01000	7.8684	0.13604	0.04334	31	-0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	7.8500	0.18000	7.8684	0.13604	0.04334	31	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	7.8550	0.01000	7.8684	0.13604	0.04334	31	-0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0921	7.8650	0.11000	7.8684	0.13604	0.04334	31	-0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	2063	7.8750	0.03000	7.8684	0.13604	0.04334	31	0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0894	7.9050	0.01000	7.8684	0.13604	0.04334	31	0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0887	7.9150	0.01000	7.8684	0.13604	0.04334	31	0.34	0%	0
005.05	Ash, 3h @ 550°C (%)	0866	7.9260	0.00800	7.8684	0.13604	0.04334	31	0.42	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	7.9300	0.04000	7.8684	0.13604	0.04334	31	0.45	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	7.9500	0.10000	7.8684	0.13604	0.04334	31	0.60	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	7.9650	0.09000	7.8684	0.13604	0.04334	31	0.71	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
005.05	Ash, 3h @ 550°C (%)	0868	7.9650	0.01000	7.8684	0.13604	0.04334	31	0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	7.9700	0.00000	7.8684	0.13604	0.04334	31	0.75	1%	0
005.05	Ash, 3h @ 550°C (%)	0937	7.9750	0.01000	7.8684	0.13604	0.04334	31	0.78	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	8.0000	0.00000	7.8684	0.13604	0.04334	31	0.97	1%	0
005.05	Ash, 3h @ 550°C (%)	0895	8.0100	0.00000	7.8684	0.13604	0.04334	31	1.04	1%	0
005.05	Ash, 3h @ 550°C (%)	2042	8.0500	0.00000	7.8684	0.13604	0.04334	31	1.34	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	8.0800	0.20000	7.8684	0.13604	0.04334	31	1.56	1%	0
005.05	Ash, 3h @ 550°C (%)	0882	9.0050	0.07000	7.8684	0.13604	0.04334	31	8.36	7%	0
005.05	Ash, 3h @ 550°C (%)	0590	7.7950	0.39000	7.8684	0.13604	0.04334	31	-0.54	0%	1
005.11	Ash, NIR (%)	0613	4.9200	0.06000	7.0433	2.4375	0.05333	3	-0.87	15%	0
005.11	Ash, NIR (%)	0951	6.5050	0.07000	7.0433	2.4375	0.05333	3	-0.22	4%	0
005.11	Ash, NIR (%)	0720	9.7050	0.03000	7.0433	2.4375	0.05333	3	1.09	19%	0
005.99	Ash, Miscellaneous (%)	0967	6.9800	0.10000	7.8611	0.11119	0.08929	14	-7.92	6%	0
005.99	Ash, Miscellaneous (%)	0574	7.5750	0.03000	7.8611	0.11119	0.08929	14	-2.57	2%	0
005.99	Ash, Miscellaneous (%)	0202	7.7200	0.04000	7.8611	0.11119	0.08929	14	-1.27	1%	0
005.99	Ash, Miscellaneous (%)	0676	7.7950	0.01000	7.8611	0.11119	0.08929	14	-0.59	0%	0
005.99	Ash, Miscellaneous (%)	2023	7.8100	0.04000	7.8611	0.11119	0.08929	14	-0.46	0%	0
005.99	Ash, Miscellaneous (%)	0728	7.8800	0.10000	7.8611	0.11119	0.08929	14	0.17	0%	0
005.99	Ash, Miscellaneous (%)	0546	7.8800	0.04000	7.8611	0.11119	0.08929	14	0.17	0%	0
005.99	Ash, Miscellaneous (%)	2004	7.8800	0.04000	7.8611	0.11119	0.08929	14	0.17	0%	0
005.99	Ash, Miscellaneous (%)	0652	7.9000	0.20000	7.8611	0.11119	0.08929	14	0.35	0%	0
005.99	Ash, Miscellaneous (%)	0673	7.9000	0.00000	7.8611	0.11119	0.08929	14	0.35	0%	0
005.99	Ash, Miscellaneous (%)	0884	7.9500	0.30000	7.8611	0.11119	0.08929	14	0.80	1%	0
005.99	Ash, Miscellaneous (%)	0939	7.9700	0.02000	7.8611	0.11119	0.08929	14	0.98	1%	0
005.99	Ash, Miscellaneous (%)	0613	7.9750	0.29000	7.8611	0.11119	0.08929	14	1.02	1%	0
005.99	Ash, Miscellaneous (%)	0629	7.9800	0.04000	7.8611	0.11119	0.08929	14	1.07	1%	0
006.00	Total sugars, As sucrose (%)	0723	2.0200	0.00000	2.4183	0.45228	0.24333	3	-0.88	8%	0
006.00	Total sugars, As sucrose (%)	0921	2.3250	0.43000	2.4183	0.45228	0.24333	3	-0.21	2%	0
006.00	Total sugars, As sucrose (%)	0939	2.9100	0.30000	2.4183	0.45228	0.24333	3	1.09	10%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	3.0050	0.13000	3.3525	0.49144	0.16500	2	-0.71	5%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	3.7000	0.20000	3.3525	0.49144	0.16500	2	0.71	5%	0
006.03	Total sugars, Invert w/o Invsrn (%)	0673	5.3000	0.00000			0.00000	1			
006.99	Total sugars, Miscellaneous (%)	0227	1.4500	0.08000	4.3275	2.6246	0.45000	4	-1.10	33%	0
006.99	Total sugars, Miscellaneous (%)	0951	3.6750	0.09000	4.3275	2.6246	0.45000	4	-0.25	8%	0
006.99	Total sugars, Miscellaneous (%)	0956	4.4000	1.6000	4.3275	2.6246	0.45000	4	0.03	1%	0
006.99	Total sugars, Miscellaneous (%)	0720	7.7850	0.03000	4.3275	2.6246	0.45000	4	1.32	40%	0
008.02	Fiber, Acid Detergent, (%)	0673	19.800	0.00000	23.521	0.79594	0.22286	14	-4.67	8%	0
008.02	Fiber, Acid Detergent, (%)	0405	20.335	0.07000	23.521	0.79594	0.22286	14	-4.00	7%	0
008.02	Fiber, Acid Detergent, (%)	0948	22.510	0.02000	23.521	0.79594	0.22286	14	-1.27	2%	0
008.02	Fiber, Acid Detergent, (%)	0504	22.845	0.43000	23.521	0.79594	0.22286	14	-0.85	1%	0
008.02	Fiber, Acid Detergent, (%)	0148	23.225	0.01000	23.521	0.79594	0.22286	14	-0.37	1%	0
008.02	Fiber, Acid Detergent, (%)	0098	23.520	0.40000	23.521	0.79594	0.22286	14	0.00	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
008.02	Fiber, Acid Detergent, (%)	0728	23.635	0.75000	23.521	0.79594	0.22286	14	0.14	0%	0
008.02	Fiber, Acid Detergent, (%)	0675	23.655	0.07000	23.521	0.79594	0.22286	14	0.17	0%	0
008.02	Fiber, Acid Detergent, (%)	0035	23.665	0.05000	23.521	0.79594	0.22286	14	0.18	0%	0
008.02	Fiber, Acid Detergent, (%)	0309	23.700	0.38000	23.521	0.79594	0.22286	14	0.23	0%	0
008.02	Fiber, Acid Detergent, (%)	0226	24.000	0.20000	23.521	0.79594	0.22286	14	0.60	1%	0
008.02	Fiber, Acid Detergent, (%)	0353	24.205	0.03000	23.521	0.79594	0.22286	14	0.86	1%	0
008.02	Fiber, Acid Detergent, (%)	0609	24.540	0.30000	23.521	0.79594	0.22286	14	1.28	2%	0
008.02	Fiber, Acid Detergent, (%)	0187	24.635	0.41000	23.521	0.79594	0.22286	14	1.40	2%	0
008.05	Fiber, Acid Detergent, Hach (%)	0265	25.000	0.40000			0.40000	1			
008.08	Fiber, Acid Detergent, ANKOM (%)	0178	19.450	0.10000	22.470	1.0211	0.30327	33	-2.96	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	20.715	0.97000	22.470	1.0211	0.30327	33	-1.72	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	21.150	0.10000	22.470	1.0211	0.30327	33	-1.29	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	21.200	0.20000	22.470	1.0211	0.30327	33	-1.24	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	21.245	0.15000	22.470	1.0211	0.30327	33	-1.20	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	21.340	0.18000	22.470	1.0211	0.30327	33	-1.11	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	21.425	0.03000	22.470	1.0211	0.30327	33	-1.02	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	21.900	0.60000	22.470	1.0211	0.30327	33	-0.56	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	21.900	0.20000	22.470	1.0211	0.30327	33	-0.56	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0160	22.005	1.0300	22.470	1.0211	0.30327	33	-0.46	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0723	22.030	0.00000	22.470	1.0211	0.30327	33	-0.43	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0882	22.030	0.54000	22.470	1.0211	0.30327	33	-0.43	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	22.160	0.72000	22.470	1.0211	0.30327	33	-0.30	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	22.185	0.51000	22.470	1.0211	0.30327	33	-0.28	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0653	22.190	0.06000	22.470	1.0211	0.30327	33	-0.27	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	22.200	0.20000	22.470	1.0211	0.30327	33	-0.26	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	22.435	0.25000	22.470	1.0211	0.30327	33	-0.03	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	22.450	0.10000	22.470	1.0211	0.30327	33	-0.02	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	22.470	0.06000	22.470	1.0211	0.30327	33	0.00	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	22.600	0.00000	22.470	1.0211	0.30327	33	0.13	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	22.750	0.36000	22.470	1.0211	0.30327	33	0.27	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	23.000	0.20000	22.470	1.0211	0.30327	33	0.52	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	23.010	0.12000	22.470	1.0211	0.30327	33	0.53	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	23.045	0.07000	22.470	1.0211	0.30327	33	0.56	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	23.340	0.68000	22.470	1.0211	0.30327	33	0.85	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0592	23.399	0.33800	22.470	1.0211	0.30327	33	0.91	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	23.490	0.18000	22.470	1.0211	0.30327	33	1.00	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0106	23.570	0.38000	22.470	1.0211	0.30327	33	1.08	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	23.700	0.40000	22.470	1.0211	0.30327	33	1.20	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	23.750	0.10000	22.470	1.0211	0.30327	33	1.25	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	24.280	0.98000	22.470	1.0211	0.30327	33	1.77	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	24.495	0.03000	22.470	1.0211	0.30327	33	1.98	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	24.565	0.17000	22.470	1.0211	0.30327	33	2.05	5%	0

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008.08	Fiber, Acid Detergent, ANKOM (%)	0956	23.700	2.0000	22.470	1.0211	0.30327	33	1.20	3%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0720	17.050	0.04000			0.04000	1			
009.04	Fiber, Neutral Detergent, No ENZ Pretreat (%)	0504	40.820	2.7600	43.075	3.1891	1.5600	2	-0.71	3%	0
009.04	Fiber, Neutral Detergent, No ENZ Pretreat (%)	0868	45.330	0.36000	43.075	3.1891	1.5600	2	0.71	3%	0
009.07	Fiber, Neutral Detergent, ENZ Pretreat (%)	0609	40.040	0.18000	41.069	0.82179	0.30429	7	-1.25	1%	0
009.07	Fiber, Neutral Detergent, ENZ Pretreat (%)	0098	40.300	1.0000	41.069	0.82179	0.30429	7	-0.94	1%	0
009.07	Fiber, Neutral Detergent, ENZ Pretreat (%)	0675	40.980	0.04000	41.069	0.82179	0.30429	7	-0.11	0%	0
009.07	Fiber, Neutral Detergent, ENZ Pretreat (%)	0187	41.160	0.04000	41.069	0.82179	0.30429	7	0.11	0%	0
009.07	Fiber, Neutral Detergent, ENZ Pretreat (%)	0226	41.200	0.40000	41.069	0.82179	0.30429	7	0.16	0%	0
009.07	Fiber, Neutral Detergent, ENZ Pretreat (%)	0353	41.705	0.25000	41.069	0.82179	0.30429	7	0.77	1%	0
009.07	Fiber, Neutral Detergent, ENZ Pretreat (%)	0309	42.100	0.22000	41.069	0.82179	0.30429	7	1.25	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	35.640	0.28000	38.574	1.5226	0.54250	32	-1.93	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	36.200	0.20000	38.574	1.5226	0.54250	32	-1.56	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0723	36.580	0.00000	38.574	1.5226	0.54250	32	-1.31	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	36.800	0.20000	38.574	1.5226	0.54250	32	-1.17	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	37.000	0.00000	38.574	1.5226	0.54250	32	-1.03	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	37.055	0.19000	38.574	1.5226	0.54250	32	-1.00	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	37.285	0.37000	38.574	1.5226	0.54250	32	-0.85	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	37.350	0.50000	38.574	1.5226	0.54250	32	-0.80	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	37.550	1.5000	38.574	1.5226	0.54250	32	-0.67	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0178	37.685	0.47000	38.574	1.5226	0.54250	32	-0.58	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	38.050	1.3000	38.574	1.5226	0.54250	32	-0.34	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	38.160	0.92000	38.574	1.5226	0.54250	32	-0.27	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	38.335	0.03000	38.574	1.5226	0.54250	32	-0.16	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0653	38.370	0.04000	38.574	1.5226	0.54250	32	-0.13	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	38.445	0.61000	38.574	1.5226	0.54250	32	-0.08	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	38.490	0.62000	38.574	1.5226	0.54250	32	-0.06	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	38.515	1.8500	38.574	1.5226	0.54250	32	-0.04	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	38.550	0.10000	38.574	1.5226	0.54250	32	-0.02	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	38.745	0.33000	38.574	1.5226	0.54250	32	0.11	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0106	38.900	0.14000	38.574	1.5226	0.54250	32	0.21	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	39.300	0.00000	38.574	1.5226	0.54250	32	0.48	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	39.400	0.80000	38.574	1.5226	0.54250	32	0.54	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	39.400	0.20000	38.574	1.5226	0.54250	32	0.54	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	39.450	0.70000	38.574	1.5226	0.54250	32	0.58	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0160	39.515	0.41000	38.574	1.5226	0.54250	32	0.62	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	39.530	1.3000	38.574	1.5226	0.54250	32	0.63	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	40.180	0.70000	38.574	1.5226	0.54250	32	1.05	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	40.355	0.63000	38.574	1.5226	0.54250	32	1.17	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	41.170	1.1400	38.574	1.5226	0.54250	32	1.70	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0882	41.180	0.60000	38.574	1.5226	0.54250	32	1.71	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	44.435	0.03000	38.574	1.5226	0.54250	32	3.85	8%	0



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009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	44.900	1.2000	38.574	1.5226	0.54250	32	<b>4.15</b>	8%	0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0720	32.805	0.03000	38.732	5.1565	0.15667	3	-1.15	8%	0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0673	41.200	0.00000	38.732	5.1565	0.15667	3	0.48	3%	0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0728	42.190	0.44000	38.732	5.1565	0.15667	3	0.67	4%	0
010.03	Moisture, Karl-Fischer (%)	0546	7.1356	0.22750	8.7721	0.92337	0.29550	5	-1.77	9%	0
010.03	Moisture, Karl-Fischer (%)	0208	8.9700	0.32000	8.7721	0.92337	0.29550	5	0.21	1%	0
010.03	Moisture, Karl-Fischer (%)	2063	9.2200	0.02000	8.7721	0.92337	0.29550	5	0.49	3%	0
010.03	Moisture, Karl-Fischer (%)	0164	9.2400	0.20000	8.7721	0.92337	0.29550	5	0.51	3%	0
010.03	Moisture, Karl-Fischer (%)	0843	9.2950	0.71000	8.7721	0.92337	0.29550	5	0.57	3%	0
010.11	Moisture, NIR (%)	0038	7.9195	0.25100	9.0961	1.0036	0.10025	4	-1.17	6%	0
010.11	Moisture, NIR (%)	0613	8.6800	0.12000	9.0961	1.0036	0.10025	4	-0.41	2%	0
010.11	Moisture, NIR (%)	0951	9.5800	0.02000	9.0961	1.0036	0.10025	4	0.48	3%	0
010.11	Moisture, NIR (%)	0720	10.205	0.01000	9.0961	1.0036	0.10025	4	1.10	6%	0
010.99	Moisture, Miscellaneous (%)	0939	0.89500	0.01000	8.8294	0.57726	0.07456	12	<b>-13.74</b>	45%	0
010.99	Moisture, Miscellaneous (%)	2004	8.1700	0.02000	8.8294	0.57726	0.07456	12	<b>-1.14</b>	4%	0
010.99	Moisture, Miscellaneous (%)	0168	8.2900	0.10000	8.8294	0.57726	0.07456	12	<b>-0.93</b>	3%	0
010.99	Moisture, Miscellaneous (%)	0722	8.6003	0.08470	8.8294	0.57726	0.07456	12	<b>-0.40</b>	1%	0
010.99	Moisture, Miscellaneous (%)	0673	8.6500	0.10000	8.8294	0.57726	0.07456	12	<b>-0.31</b>	1%	0
010.99	Moisture, Miscellaneous (%)	0948	8.8050	0.03000	8.8294	0.57726	0.07456	12	<b>-0.04</b>	0%	0
010.99	Moisture, Miscellaneous (%)	0921	8.8700	0.02000	8.8294	0.57726	0.07456	12	<b>0.07</b>	0%	0
010.99	Moisture, Miscellaneous (%)	0952	9.0200	0.04000	8.8294	0.57726	0.07456	12	<b>0.33</b>	1%	0
010.99	Moisture, Miscellaneous (%)	0884	9.0500	0.10000	8.8294	0.57726	0.07456	12	<b>0.38</b>	1%	0
010.99	Moisture, Miscellaneous (%)	0233	9.3150	0.27000	8.8294	0.57726	0.07456	12	<b>0.84</b>	3%	0
010.99	Moisture, Miscellaneous (%)	2066	9.5500	0.10000	8.8294	0.57726	0.07456	12	<b>1.25</b>	4%	0
010.99	Moisture, Miscellaneous (%)	0405	9.5900	0.02000	8.8294	0.57726	0.07456	12	<b>1.32</b>	4%	0
010.99	Moisture, Miscellaneous (%)	0613	8.0500	0.70000	8.8294	0.57726	0.07456	12	<b>-1.35</b>	4%	1
011.01	Loss on Drying, 135 °C 2hr (%)	0660	7.7600	0.06000	9.5223	0.24795	0.10835	71	<b>-7.11</b>	9%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0728	7.7950	0.55000	9.5223	0.24795	0.10835	71	<b>-6.97</b>	9%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0674	8.4500	0.48000	9.5223	0.24795	0.10835	71	<b>-4.32</b>	6%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0874	8.8500	0.10000	9.5223	0.24795	0.10835	71	<b>-2.71</b>	4%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0650	8.9150	0.03000	9.5223	0.24795	0.10835	71	<b>-2.45</b>	3%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0148	8.9350	0.11000	9.5223	0.24795	0.10835	71	<b>-2.37</b>	3%	0
011.01	Loss on Drying, 135 °C 2hr (%)	2016	9.0850	0.19000	9.5223	0.24795	0.10835	71	<b>-1.76</b>	2%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0062	9.1750	0.01000	9.5223	0.24795	0.10835	71	<b>-1.40</b>	2%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0178	9.1950	0.07000	9.5223	0.24795	0.10835	71	<b>-1.32</b>	2%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0138	9.2800	0.04000	9.5223	0.24795	0.10835	71	<b>-0.98</b>	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0574	9.2850	0.23000	9.5223	0.24795	0.10835	71	<b>-0.96</b>	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0552	9.2900	0.14000	9.5223	0.24795	0.10835	71	<b>-0.94</b>	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0563	9.3194	0.00650	9.5223	0.24795	0.10835	71	<b>-0.82</b>	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0881	9.3490	0.02000	9.5223	0.24795	0.10835	71	<b>-0.70</b>	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0164	9.3500	0.06000	9.5223	0.24795	0.10835	71	<b>-0.69</b>	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0226	9.3500	0.10000	9.5223	0.24795	0.10835	71	<b>-0.69</b>	1%	0

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011.01	Loss on Drying, 135 °C 2hr (%)	0960	9.3550	0.11000	9.5223	0.24795	0.10835	71	-0.67	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0957	9.3650	0.21000	9.5223	0.24795	0.10835	71	-0.63	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0953	9.3750	0.11000	9.5223	0.24795	0.10835	71	-0.59	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0008	9.3850	0.01000	9.5223	0.24795	0.10835	71	-0.55	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0100	9.3900	0.38000	9.5223	0.24795	0.10835	71	-0.53	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0596	9.3950	0.21000	9.5223	0.24795	0.10835	71	-0.51	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0298	9.4000	0.02000	9.5223	0.24795	0.10835	71	-0.49	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0675	9.4100	0.08000	9.5223	0.24795	0.10835	71	-0.45	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0033	9.4350	0.07000	9.5223	0.24795	0.10835	71	-0.35	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0598	9.4400	0.02000	9.5223	0.24795	0.10835	71	-0.33	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	2006	9.4450	0.19000	9.5223	0.24795	0.10835	71	-0.31	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0152	9.4500	0.10000	9.5223	0.24795	0.10835	71	-0.29	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0294	9.4500	0.10000	9.5223	0.24795	0.10835	71	-0.29	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0651	9.4660	0.02000	9.5223	0.24795	0.10835	71	-0.23	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0539	9.4800	0.02000	9.5223	0.24795	0.10835	71	-0.17	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0171	9.4900	0.16000	9.5223	0.24795	0.10835	71	-0.13	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0051	9.4950	0.03000	9.5223	0.24795	0.10835	71	-0.11	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0658	9.5039	0.08330	9.5223	0.24795	0.10835	71	-0.07	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0968	9.5075	0.02900	9.5223	0.24795	0.10835	71	-0.06	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0848	9.5100	0.02000	9.5223	0.24795	0.10835	71	-0.05	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0242	9.5200	0.10000	9.5223	0.24795	0.10835	71	-0.01	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0511	9.5400	0.12000	9.5223	0.24795	0.10835	71	0.07	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0208	9.5500	0.10000	9.5223	0.24795	0.10835	71	0.11	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0620	9.5538	0.10270	9.5223	0.24795	0.10835	71	0.13	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0026	9.5550	0.05000	9.5223	0.24795	0.10835	71	0.13	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0959	9.5600	0.02000	9.5223	0.24795	0.10835	71	0.15	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0722	9.5605	0.05330	9.5223	0.24795	0.10835	71	0.15	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0066	9.5650	0.05000	9.5223	0.24795	0.10835	71	0.17	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0144	9.5850	0.13000	9.5223	0.24795	0.10835	71	0.25	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0880	9.5850	0.17000	9.5223	0.24795	0.10835	71	0.25	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0653	9.6050	0.03000	9.5223	0.24795	0.10835	71	0.33	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0623	9.6112	0.30410	9.5223	0.24795	0.10835	71	0.36	0%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0589	9.6200	0.04000	9.5223	0.24795	0.10835	71	0.39	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0622	9.6790	0.09000	9.5223	0.24795	0.10835	71	0.63	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0123	9.6900	0.24000	9.5223	0.24795	0.10835	71	0.68	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0354	9.6950	0.01000	9.5223	0.24795	0.10835	71	0.70	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0682	9.7050	0.01000	9.5223	0.24795	0.10835	71	0.74	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0229	9.7100	0.04000	9.5223	0.24795	0.10835	71	0.76	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0541	9.7100	0.10000	9.5223	0.24795	0.10835	71	0.76	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0861	9.7200	0.10000	9.5223	0.24795	0.10835	71	0.80	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0202	9.7200	0.02000	9.5223	0.24795	0.10835	71	0.80	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0309	9.7400	0.00000	9.5223	0.24795	0.10835	71	0.88	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
011.01	Loss on Drying, 135 °C 2hr (%)	0358	9.7800	0.06000	9.5223	0.24795	0.10835	71	1.04	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	2022	9.7950	0.09000	9.5223	0.24795	0.10835	71	1.10	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0510	9.8000	0.00000	9.5223	0.24795	0.10835	71	1.12	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0723	9.8000	0.00000	9.5223	0.24795	0.10835	71	1.12	1%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0913	9.8150	0.07000	9.5223	0.24795	0.10835	71	1.18	2%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0205	9.8320	0.23400	9.5223	0.24795	0.10835	71	1.25	2%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0646	9.8750	0.17000	9.5223	0.24795	0.10835	71	1.42	2%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0265	9.9000	0.00000	9.5223	0.24795	0.10835	71	1.52	2%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0098	9.9200	0.10000	9.5223	0.24795	0.10835	71	1.60	2%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0958	10.010	0.22000	9.5223	0.24795	0.10835	71	1.97	3%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0175	10.050	0.10000	9.5223	0.24795	0.10835	71	2.13	3%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0843	10.095	0.53000	9.5223	0.24795	0.10835	71	2.31	3%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0407	10.155	0.07000	9.5223	0.24795	0.10835	71	2.55	3%	0
011.01	Loss on Drying, 135 °C 2hr (%)	0961	9.5750	0.87000	9.5223	0.24795	0.10835	71	0.21	0%	1
011.01	Loss on Drying, 135 °C 2hr (%)	0553	9.7350	0.83000	9.5223	0.24795	0.10835	71	0.86	1%	1
011.02	Loss on drying, 130°C for 2 hours (%)	0417	9.1700	0.12000	9.3617	0.19002	0.10333	3	-1.01	1%	0
011.02	Loss on drying, 130°C for 2 hours (%)	0942	9.3650	0.07000	9.3617	0.19002	0.10333	3	0.02	0%	0
011.02	Loss on drying, 130°C for 2 hours (%)	2023	9.5500	0.12000	9.3617	0.19002	0.10333	3	0.99	1%	0
011.03	Loss on Drying, 130°C for 1 hour, flour (%)	0681	9.3300	0.20000			0.20000	1			
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	8.5650	0.01000	9.2500	0.64088	0.05333	3	-1.07	4%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	9.3500	0.10000	9.2500	0.64088	0.05333	3	0.16	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	9.8350	0.05000	9.2500	0.64088	0.05333	3	0.91	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0682	15.370	0.30000	18.029	0.44247	0.15692	13	-6.01	7%	0
012.00	Starch, Polarimetric (Ewers) (%)	0178	15.975	0.21000	18.029	0.44247	0.15692	13	-4.64	6%	0
012.00	Starch, Polarimetric (Ewers) (%)	0951	17.445	0.11000	18.029	0.44247	0.15692	13	-1.32	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	17.810	0.12000	18.029	0.44247	0.15692	13	-0.49	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0673	17.900	0.00000	18.029	0.44247	0.15692	13	-0.29	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	18.050	0.30000	18.029	0.44247	0.15692	13	0.05	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	18.050	0.30000	18.029	0.44247	0.15692	13	0.05	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	18.150	0.10000	18.029	0.44247	0.15692	13	0.27	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0920	18.160	0.00000	18.029	0.44247	0.15692	13	0.30	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	18.310	0.00000	18.029	0.44247	0.15692	13	0.64	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	18.400	0.02000	18.029	0.44247	0.15692	13	0.84	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	18.500	0.20000	18.029	0.44247	0.15692	13	1.07	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	18.660	0.38000	18.029	0.44247	0.15692	13	1.43	2%	0
012.01	Starch, Megazyme (%)	0918	13.684	1.1360	15.863	1.5639	0.60100	6	-1.39	7%	0
012.01	Starch, Megazyme (%)	0956	15.350	0.10000	15.863	1.5639	0.60100	6	-0.33	2%	0
012.01	Starch, Megazyme (%)	0676	15.615	0.45000	15.863	1.5639	0.60100	6	-0.16	1%	0
012.01	Starch, Megazyme (%)	0265	15.750	0.50000	15.863	1.5639	0.60100	6	-0.07	0%	0
012.01	Starch, Megazyme (%)	2004	17.100	1.2000	15.863	1.5639	0.60100	6	0.79	4%	0
012.01	Starch, Megazyme (%)	0613	19.580	0.22000	15.863	1.5639	0.60100	6	2.38	12%	0
012.03	Starch, Enzymatic (%)	0407	15.395	0.07000	16.126	0.79704	0.44750	4	-0.92	2%	0

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012.03	Starch, Enzymatic (%)	0885	15.805	0.43000	16.126	0.79704	0.44750	4	-0.40	1%	0
012.03	Starch, Enzymatic (%)	0297	16.055	0.19000	16.126	0.79704	0.44750	4	-0.09	0%	0
012.03	Starch, Enzymatic (%)	0098	17.250	1.1000	16.126	0.79704	0.44750	4	1.41	3%	0
012.04	Starch, YSI Analyzer (%)	0510	14.950	0.10000	16.575	1.7857	0.32600	5	-0.91	5%	0
012.04	Starch, YSI Analyzer (%)	0278	15.200	0.40000	16.575	1.7857	0.32600	5	-0.77	4%	0
012.04	Starch, YSI Analyzer (%)	0353	16.410	0.28000	16.575	1.7857	0.32600	5	-0.09	0%	0
012.04	Starch, YSI Analyzer (%)	0948	16.895	0.17000	16.575	1.7857	0.32600	5	0.18	1%	0
012.04	Starch, YSI Analyzer (%)	0106	19.420	0.68000	16.575	1.7857	0.32600	5	1.59	9%	0
012.11	Starch, NIR (%)	0951	19.400	0.76000	20.973	2.4991	0.33333	3	-0.63	4%	0
012.11	Starch, NIR (%)	0720	19.665	0.01000	20.973	2.4991	0.33333	3	-0.52	3%	0
012.11	Starch, NIR (%)	0613	23.855	0.23000	20.973	2.4991	0.33333	3	1.15	7%	0
013.00	Fat, Acid hydrolysis (%)	0951	3.1600	0.00000	4.1573	0.48455	0.15000	15	-2.06	12%	0
013.00	Fat, Acid hydrolysis (%)	0618	3.4050	0.31000	4.1573	0.48455	0.15000	15	-1.55	9%	0
013.00	Fat, Acid hydrolysis (%)	2004	3.8000	0.20000	4.1573	0.48455	0.15000	15	-0.74	4%	0
013.00	Fat, Acid hydrolysis (%)	0689	3.8500	0.10000	4.1573	0.48455	0.15000	15	-0.63	4%	0
013.00	Fat, Acid hydrolysis (%)	0083	3.9000	0.14000	4.1573	0.48455	0.15000	15	-0.53	3%	0
013.00	Fat, Acid hydrolysis (%)	0681	3.9100	0.14000	4.1573	0.48455	0.15000	15	-0.51	3%	0
013.00	Fat, Acid hydrolysis (%)	0910	4.0200	0.12000	4.1573	0.48455	0.15000	15	-0.28	2%	0
013.00	Fat, Acid hydrolysis (%)	0884	4.2500	0.10000	4.1573	0.48455	0.15000	15	0.19	1%	0
013.00	Fat, Acid hydrolysis (%)	2023	4.2650	0.03000	4.1573	0.48455	0.15000	15	0.22	1%	0
013.00	Fat, Acid hydrolysis (%)	0229	4.3000	0.40000	4.1573	0.48455	0.15000	15	0.29	2%	0
013.00	Fat, Acid hydrolysis (%)	0861	4.4000	0.14000	4.1573	0.48455	0.15000	15	0.50	3%	0
013.00	Fat, Acid hydrolysis (%)	0948	4.4550	0.33000	4.1573	0.48455	0.15000	15	0.61	4%	0
013.00	Fat, Acid hydrolysis (%)	0504	4.5950	0.03000	4.1573	0.48455	0.15000	15	0.90	5%	0
013.00	Fat, Acid hydrolysis (%)	0202	4.7650	0.13000	4.1573	0.48455	0.15000	15	1.25	7%	0
013.00	Fat, Acid hydrolysis (%)	0309	4.9200	0.08000	4.1573	0.48455	0.15000	15	1.57	9%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	3.3750	0.37000	4.4987	0.35046	0.12875	24	-3.21	12%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0958	3.7350	0.35000	4.4987	0.35046	0.12875	24	-2.18	8%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	4.1050	0.13000	4.4987	0.35046	0.12875	24	-1.12	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	4.1500	0.02000	4.4987	0.35046	0.12875	24	-0.99	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	4.1600	0.04000	4.4987	0.35046	0.12875	24	-0.97	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0051	4.2550	0.31000	4.4987	0.35046	0.12875	24	-0.70	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2016	4.3200	0.14000	4.4987	0.35046	0.12875	24	-0.51	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	4.3600	0.02000	4.4987	0.35046	0.12875	24	-0.40	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	4.3800	0.04000	4.4987	0.35046	0.12875	24	-0.34	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	4.3900	0.04000	4.4987	0.35046	0.12875	24	-0.31	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	4.4000	0.10000	4.4987	0.35046	0.12875	24	-0.28	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	4.4250	0.09000	4.4987	0.35046	0.12875	24	-0.21	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	4.5400	0.04000	4.4987	0.35046	0.12875	24	0.12	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2057	4.5500	0.10000	4.4987	0.35046	0.12875	24	0.15	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0008	4.5650	0.39000	4.4987	0.35046	0.12875	24	0.19	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	4.6350	0.09000	4.4987	0.35046	0.12875	24	0.39	2%	0



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013.02	Fat, Mojonnier, Bak Ext (%)	0650	4.7050	0.03000	4.4987	0.35046	0.12875	24	0.59	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	4.7100	0.02000	4.4987	0.35046	0.12875	24	0.60	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	4.7700	0.00000	4.4987	0.35046	0.12875	24	0.77	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0003	4.8100	0.20000	4.4987	0.35046	0.12875	24	0.89	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0960	4.8200	0.14000	4.4987	0.35046	0.12875	24	0.92	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0337	5.0050	0.19000	4.4987	0.35046	0.12875	24	1.44	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	5.0200	0.10000	4.4987	0.35046	0.12875	24	1.49	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	5.0300	0.14000	4.4987	0.35046	0.12875	24	1.52	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0961	4.4600	1.2400	4.4987	0.35046	0.12875	24	-0.11	0%	1
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	2.9200	0.18000			0.18000	1			
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	3.1450	0.03000	4.0655	0.27194	0.12910	10	-3.38	11%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0297	3.7750	0.01000	4.0655	0.27194	0.12910	10	-1.07	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0660	3.9250	0.11000	4.0655	0.27194	0.12910	10	-0.52	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2003	4.0100	0.38000	4.0655	0.27194	0.12910	10	-0.20	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0033	4.0350	0.01000	4.0655	0.27194	0.12910	10	-0.11	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	4.0750	0.01000	4.0655	0.27194	0.12910	10	0.03	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0673	4.1500	0.10000	4.0655	0.27194	0.12910	10	0.31	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0417	4.2750	0.29000	4.0655	0.27194	0.12910	10	0.77	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	4.3000	0.20000	4.0655	0.27194	0.12910	10	0.86	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0968	4.6535	0.15100	4.0655	0.27194	0.12910	10	2.16	7%	0
013.12	Fat, NIR- Acid Hydrolysis (%)	0951	3.7050	0.01000			0.01000	1			
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	4.1000	0.00000	4.6933	0.69637	0.04000	3	-0.85	6%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	4.5200	0.08000	4.6933	0.69637	0.04000	3	-0.25	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	5.4600	0.04000	4.6933	0.69637	0.04000	3	1.10	8%	0
014.99	Fiber, total dietary (TDF), Miscellaneous (%)	0878	47.350	2.1000			2.1000	1			
015.41	Aluminum, ICP, Dry ash (ppm)	0049	56.540	1.6200	69.663	13.638	1.7468	5	-0.96	9%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	57.000	2.0000	69.663	13.638	1.7468	5	-0.93	9%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0011	68.304	0.73400	69.663	13.638	1.7468	5	-0.10	1%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	78.700	0.80000	69.663	13.638	1.7468	5	0.66	6%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0964	87.770	3.5800	69.663	13.638	1.7468	5	1.33	13%	0
015.42	Aluminum, ICP, Open vessel (ppm)	0560	75.900	5.6000			5.6000	1			
015.43	Aluminum, ICP, Microwave (ppm)	0510	51.000	0.00000	80.782	7.5223	1.5867	6	-3.96	18%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	78.650	2.1000	80.782	7.5223	1.5867	6	-0.28	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	79.520	3.4200	80.782	7.5223	1.5867	6	-0.17	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	80.000	0.00000	80.782	7.5223	1.5867	6	-0.10	0%	0
015.43	Aluminum, ICP, Microwave (ppm)	0021	87.000	2.0000	80.782	7.5223	1.5867	6	0.83	4%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	106.00	2.0000	80.782	7.5223	1.5867	6	3.35	16%	0
015.52	Aluminum, ICP-MS, Open vessel (ppm)	0154	84.785	5.8100			5.8100	1			
015.53	Aluminum, ICP-MS, Microwave (ppm)	0918	46.284	0.00800	65.667	27.412	6.1540	2	-0.71	15%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0553	85.050	12.300	65.667	27.412	6.1540	2	0.71	15%	0
017.41	Boron, ICP, Dry ash (ppm)	0358	7.1750	0.13000	7.7750	0.84853	0.59000	2	-0.71	4%	0
017.41	Boron, ICP, Dry ash (ppm)	0049	8.3750	1.0500	7.7750	0.84853	0.59000	2	0.71	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
017.42	Boron, ICP, Open vessel (ppm)	0560	6.8900	0.38000	7.0600	0.24042	0.91000	2	-0.71	1%	0
017.42	Boron, ICP, Open vessel (ppm)	0045	7.2300	1.4400	7.0600	0.24042	0.91000	2	0.71	1%	0
017.43	Boron, ICP, Microwave (ppm)	0021	0.00000	0.00000	6.1770	2.8888	0.05667	6	-2.14	50%	0
017.43	Boron, ICP, Microwave (ppm)	0297	2.0000	0.00000	6.1770	2.8888	0.05667	6	-1.45	34%	0
017.43	Boron, ICP, Microwave (ppm)	0345	6.7500	0.10000	6.1770	2.8888	0.05667	6	0.20	5%	0
017.43	Boron, ICP, Microwave (ppm)	0510	7.0000	0.00000	6.1770	2.8888	0.05667	6	0.28	7%	0
017.43	Boron, ICP, Microwave (ppm)	0353	8.0600	0.22000	6.1770	2.8888	0.05667	6	0.65	15%	0
017.43	Boron, ICP, Microwave (ppm)	0294	9.1100	0.02000	6.1770	2.8888	0.05667	6	1.02	24%	0
017.43	Boron, ICP, Microwave (ppm)	0918	7.3650	0.57000	6.1770	2.8888	0.05667	6	0.41	10%	1
019.00	Calcium, Ox-Mn04 Vol. (%)	0658	0.76770	0.00020	1.1537	0.08827	0.01850	27	-4.37	17%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.0400	0.08000	1.1537	0.08827	0.01850	27	-1.29	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2067	1.0410	0.00800	1.1537	0.08827	0.01850	27	-1.28	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0887	1.0450	0.01000	1.1537	0.08827	0.01850	27	-1.23	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	1.0800	0.02000	1.1537	0.08827	0.01850	27	-0.84	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.0865	0.01900	1.1537	0.08827	0.01850	27	-0.76	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	1.1014	0.01260	1.1537	0.08827	0.01850	27	-0.59	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.1032	0.00010	1.1537	0.08827	0.01850	27	-0.57	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0894	1.1050	0.01000	1.1537	0.08827	0.01850	27	-0.55	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	1.1150	0.01000	1.1537	0.08827	0.01850	27	-0.44	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.1320	0.00200	1.1537	0.08827	0.01850	27	-0.25	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2028	1.1350	0.01000	1.1537	0.08827	0.01850	27	-0.21	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0938	1.1400	0.02000	1.1537	0.08827	0.01850	27	-0.16	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	1.1445	0.02900	1.1537	0.08827	0.01850	27	-0.10	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	1.1500	0.00000	1.1537	0.08827	0.01850	27	-0.04	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2065	1.1500	0.02000	1.1537	0.08827	0.01850	27	-0.04	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2061	1.1750	0.01000	1.1537	0.08827	0.01850	27	0.24	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0891	1.1894	0.00830	1.1537	0.08827	0.01850	27	0.40	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2027	1.1959	0.00040	1.1537	0.08827	0.01850	27	0.48	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.2000	0.02000	1.1537	0.08827	0.01850	27	0.52	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.2240	0.01000	1.1537	0.08827	0.01850	27	0.80	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	1.2500	0.02000	1.1537	0.08827	0.01850	27	1.09	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.2550	0.03000	1.1537	0.08827	0.01850	27	1.15	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0337	1.3350	0.03000	1.1537	0.08827	0.01850	27	2.05	8%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0896	1.4450	0.01000	1.1537	0.08827	0.01850	27	3.30	13%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.4550	0.05000	1.1537	0.08827	0.01850	27	3.41	13%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0646	2.2200	0.06000	1.1537	0.08827	0.01850	27	12.08	46%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	1.0696	0.10090	1.1537	0.08827	0.01850	27	-0.95	4%	1
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.2381	0.00610			0.00610	1			
019.08	Calcium, EDTA (%)	0852	0.77000	0.02000	1.1904	0.04486	0.02300	10	-9.37	18%	0
019.08	Calcium, EDTA (%)	2042	1.1300	0.00000	1.1904	0.04486	0.02300	10	-1.35	3%	0
019.08	Calcium, EDTA (%)	0849	1.1550	0.01000	1.1904	0.04486	0.02300	10	-0.79	1%	0
019.08	Calcium, EDTA (%)	0138	1.1720	0.02000	1.1904	0.04486	0.02300	10	-0.41	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Threshold %RSD	Flag
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019.08	Calcium, EDTA (%)	0590	1.1950	0.03000	1.1904	0.04486	0.02300	10	0.10	0%	0
019.08	Calcium, EDTA (%)	0673	1.2050	0.05000	1.1904	0.04486	0.02300	10	0.33	1%	0
019.08	Calcium, EDTA (%)	2063	1.2150	0.01000	1.1904	0.04486	0.02300	10	0.55	1%	0
019.08	Calcium, EDTA (%)	0629	1.2300	0.00000	1.1904	0.04486	0.02300	10	0.88	2%	0
019.08	Calcium, EDTA (%)	0885	1.2300	0.02000	1.1904	0.04486	0.02300	10	0.88	2%	0
019.08	Calcium, EDTA (%)	0689	1.2350	0.07000	1.1904	0.04486	0.02300	10	1.00	2%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.0850	0.01000	1.1414	0.03986	0.01735	28	-1.42	2%	0
019.31	Calcium, AAS, Dry ash (%)	0039	1.0877	0.02480	1.1414	0.03986	0.01735	28	-1.35	2%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.0937	0.00670	1.1414	0.03986	0.01735	28	-1.20	2%	0
019.31	Calcium, AAS, Dry ash (%)	0152	1.0950	0.01000	1.1414	0.03986	0.01735	28	-1.17	2%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.0950	0.01000	1.1414	0.03986	0.01735	28	-1.17	2%	0
019.31	Calcium, AAS, Dry ash (%)	0065	1.0987	0.02530	1.1414	0.03986	0.01735	28	-1.07	2%	0
019.31	Calcium, AAS, Dry ash (%)	0139	1.1100	0.02000	1.1414	0.03986	0.01735	28	-0.79	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.1200	0.00000	1.1414	0.03986	0.01735	28	-0.54	1%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.1200	0.00000	1.1414	0.03986	0.01735	28	-0.54	1%	0
019.31	Calcium, AAS, Dry ash (%)	0653	1.1280	0.01600	1.1414	0.03986	0.01735	28	-0.34	1%	0
019.31	Calcium, AAS, Dry ash (%)	0921	1.1285	0.01100	1.1414	0.03986	0.01735	28	-0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0866	1.1345	0.00540	1.1414	0.03986	0.01735	28	-0.17	0%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.1350	0.03000	1.1414	0.03986	0.01735	28	-0.16	0%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.1400	0.00000	1.1414	0.03986	0.01735	28	-0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.1400	0.04800	1.1414	0.03986	0.01735	28	-0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.1450	0.01000	1.1414	0.03986	0.01735	28	0.09	0%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.1550	0.03000	1.1414	0.03986	0.01735	28	0.34	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.1600	0.04000	1.1414	0.03986	0.01735	28	0.47	1%	0
019.31	Calcium, AAS, Dry ash (%)	0596	1.1600	0.04000	1.1414	0.03986	0.01735	28	0.47	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.1600	0.02000	1.1414	0.03986	0.01735	28	0.47	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.1639	0.00670	1.1414	0.03986	0.01735	28	0.56	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.1750	0.01000	1.1414	0.03986	0.01735	28	0.84	1%	0
019.31	Calcium, AAS, Dry ash (%)	0178	1.1755	0.01500	1.1414	0.03986	0.01735	28	0.85	1%	0
019.31	Calcium, AAS, Dry ash (%)	0723	1.1800	0.00000	1.1414	0.03986	0.01735	28	0.97	2%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.1900	0.04000	1.1414	0.03986	0.01735	28	1.22	2%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.1900	0.02000	1.1414	0.03986	0.01735	28	1.22	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.1950	0.01000	1.1414	0.03986	0.01735	28	1.34	2%	0
019.31	Calcium, AAS, Dry ash (%)	0066	1.3795	0.02700	1.1414	0.03986	0.01735	28	5.97	10%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.1350	0.13000	1.1414	0.03986	0.01735	28	-0.16	0%	1
019.31	Calcium, AAS, Dry ash (%)	0175	1.2150	0.11000	1.1414	0.03986	0.01735	28	1.85	3%	1
019.32	Calcium, AAS, Open vessel (%)	0263	1.1234	0.00050	1.1318	0.00877	0.00825	8	-0.96	0%	0
019.32	Calcium, AAS, Open vessel (%)	0609	1.1250	0.01000	1.1318	0.00877	0.00825	8	-0.77	0%	0
019.32	Calcium, AAS, Open vessel (%)	0612	1.1250	0.01000	1.1318	0.00877	0.00825	8	-0.77	0%	0
019.32	Calcium, AAS, Open vessel (%)	0722	1.1287	0.00550	1.1318	0.00877	0.00825	8	-0.36	0%	0
019.32	Calcium, AAS, Open vessel (%)	0013	1.1300	0.02000	1.1318	0.00877	0.00825	8	-0.20	0%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.2150	0.01000	1.1318	0.00877	0.00825	8	9.48	4%	0

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019.32	Calcium, AAS, Open vessel (%)	0504	1.2170	0.00400	1.1318	0.00877	0.00825	8	9.71	4%	0
019.32	Calcium, AAS, Open vessel (%)	0035	1.2700	0.00600	1.1318	0.00877	0.00825	8	15.75	6%	0
019.33	Calcium, AAS, Microwave (%)	0504	1.2885	0.00500			0.00500	1			
019.34	Calcium, AAS, Dry ash (%)	0683	1.0100	0.06000	1.0750	0.09192	0.08000	2	-0.71	3%	0
019.34	Calcium, AAS, Dry ash (%)	0884	1.1400	0.10000	1.0750	0.09192	0.08000	2	0.71	3%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.0250	0.01000	1.1643	0.04805	0.02959	38	-2.90	6%	0
019.41	Calcium, ICP, Dry ash (%)	2023	1.0350	0.03000	1.1643	0.04805	0.02959	38	-2.69	6%	0
019.41	Calcium, ICP, Dry ash (%)	0878	1.0400	0.12000	1.1643	0.04805	0.02959	38	-2.59	5%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.0731	0.01400	1.1643	0.04805	0.02959	38	-1.90	4%	0
019.41	Calcium, ICP, Dry ash (%)	0553	1.0800	0.04000	1.1643	0.04805	0.02959	38	-1.75	4%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.1100	0.12000	1.1643	0.04805	0.02959	38	-1.13	2%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.1150	0.07000	1.1643	0.04805	0.02959	38	-1.03	2%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.1300	0.00000	1.1643	0.04805	0.02959	38	-0.71	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.1300	0.04000	1.1643	0.04805	0.02959	38	-0.71	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.1350	0.01000	1.1643	0.04805	0.02959	38	-0.61	1%	0
019.41	Calcium, ICP, Dry ash (%)	0242	1.1350	0.03000	1.1643	0.04805	0.02959	38	-0.61	1%	0
019.41	Calcium, ICP, Dry ash (%)	0051	1.1411	0.02340	1.1643	0.04805	0.02959	38	-0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.1450	0.03000	1.1643	0.04805	0.02959	38	-0.40	1%	0
019.41	Calcium, ICP, Dry ash (%)	0083	1.1450	0.03000	1.1643	0.04805	0.02959	38	-0.40	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.1475	0.01500	1.1643	0.04805	0.02959	38	-0.35	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.1550	0.03000	1.1643	0.04805	0.02959	38	-0.19	0%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.1550	0.03000	1.1643	0.04805	0.02959	38	-0.19	0%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.1650	0.01000	1.1643	0.04805	0.02959	38	0.01	0%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.1650	0.01000	1.1643	0.04805	0.02959	38	0.01	0%	0
019.41	Calcium, ICP, Dry ash (%)	0610	1.1650	0.01000	1.1643	0.04805	0.02959	38	0.01	0%	0
019.41	Calcium, ICP, Dry ash (%)	0512	1.1720	0.00000	1.1643	0.04805	0.02959	38	0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.1750	0.03000	1.1643	0.04805	0.02959	38	0.22	0%	0
019.41	Calcium, ICP, Dry ash (%)	0100	1.1750	0.07000	1.1643	0.04805	0.02959	38	0.22	0%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.1775	0.00100	1.1643	0.04805	0.02959	38	0.28	1%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.1800	0.00000	1.1643	0.04805	0.02959	38	0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.1800	0.02000	1.1643	0.04805	0.02959	38	0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.1800	0.02000	1.1643	0.04805	0.02959	38	0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.1850	0.01000	1.1643	0.04805	0.02959	38	0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0300	1.1915	0.02300	1.1643	0.04805	0.02959	38	0.57	1%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.2000	0.00000	1.1643	0.04805	0.02959	38	0.74	2%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.2100	0.04000	1.1643	0.04805	0.02959	38	0.95	2%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.2100	0.04000	1.1643	0.04805	0.02959	38	0.95	2%	0
019.41	Calcium, ICP, Dry ash (%)	0720	1.2200	0.06000	1.1643	0.04805	0.02959	38	1.16	2%	0
019.41	Calcium, ICP, Dry ash (%)	0682	1.2300	0.06000	1.1643	0.04805	0.02959	38	1.37	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.2540	0.02200	1.1643	0.04805	0.02959	38	1.87	4%	0
019.41	Calcium, ICP, Dry ash (%)	0964	1.2620	0.01600	1.1643	0.04805	0.02959	38	2.03	4%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.2850	0.01000	1.1643	0.04805	0.02959	38	2.51	5%	0



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019.41	Calcium, ICP, Dry ash (%)	0848	1.3050	0.03000	1.1643	0.04805	0.02959	38	2.93	6%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.2075	0.21100	1.1643	0.04805	0.02959	38	0.90	2%	1
019.42	Calcium, ICP, Open vessel (%)	0035	1.1070	0.02400	1.1919	0.07271	0.02694	17	-1.17	4%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.1075	0.06900	1.1919	0.07271	0.02694	17	-1.16	4%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.1100	0.02000	1.1919	0.07271	0.02694	17	-1.13	3%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.1200	0.00000	1.1919	0.07271	0.02694	17	-0.99	3%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.1300	0.04000	1.1919	0.07271	0.02694	17	-0.85	3%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.1400	0.04000	1.1919	0.07271	0.02694	17	-0.71	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.1600	0.00000	1.1919	0.07271	0.02694	17	-0.44	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.1700	0.02000	1.1919	0.07271	0.02694	17	-0.30	1%	0
019.42	Calcium, ICP, Open vessel (%)	0613	1.1950	0.01000	1.1919	0.07271	0.02694	17	0.04	0%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.2296	0.09090	1.1919	0.07271	0.02694	17	0.52	2%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.2300	0.02000	1.1919	0.07271	0.02694	17	0.52	2%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.2500	0.04000	1.1919	0.07271	0.02694	17	0.80	2%	0
019.42	Calcium, ICP, Open vessel (%)	0106	1.2600	0.02000	1.1919	0.07271	0.02694	17	0.94	3%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.2600	0.00000	1.1919	0.07271	0.02694	17	0.94	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.2600	0.02000	1.1919	0.07271	0.02694	17	0.94	3%	0
019.42	Calcium, ICP, Open vessel (%)	0202	1.2600	0.04000	1.1919	0.07271	0.02694	17	0.94	3%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.2740	0.00400	1.1919	0.07271	0.02694	17	1.13	3%	0
019.43	Calcium, ICP, Microwave (%)	2012	1.1400	0.00000	1.1761	0.03124	0.02953	19	-1.16	2%	0
019.43	Calcium, ICP, Microwave (%)	0008	1.1450	0.01000	1.1761	0.03124	0.02953	19	-1.00	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.1450	0.03000	1.1761	0.03124	0.02953	19	-1.00	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.1470	0.04000	1.1761	0.03124	0.02953	19	-0.93	1%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.1500	0.06000	1.1761	0.03124	0.02953	19	-0.84	1%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.1500	0.00000	1.1761	0.03124	0.02953	19	-0.84	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.1582	0.00100	1.1761	0.03124	0.02953	19	-0.57	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.1605	0.07500	1.1761	0.03124	0.02953	19	-0.50	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.1650	0.01000	1.1761	0.03124	0.02953	19	-0.35	0%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.1650	0.01000	1.1761	0.03124	0.02953	19	-0.35	0%	0
019.43	Calcium, ICP, Microwave (%)	0037	1.1750	0.01000	1.1761	0.03124	0.02953	19	-0.03	0%	0
019.43	Calcium, ICP, Microwave (%)	0168	1.1880	0.02800	1.1761	0.03124	0.02953	19	0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.2000	0.02000	1.1761	0.03124	0.02953	19	0.77	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.2200	0.08000	1.1761	0.03124	0.02953	19	1.41	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.2375	0.00700	1.1761	0.03124	0.02953	19	1.97	3%	0
019.43	Calcium, ICP, Microwave (%)	0042	1.2450	0.07000	1.1761	0.03124	0.02953	19	2.21	3%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.2500	0.02000	1.1761	0.03124	0.02953	19	2.37	3%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.2550	0.09000	1.1761	0.03124	0.02953	19	2.53	3%	0
019.43	Calcium, ICP, Microwave (%)	0294	1.3500	0.00000	1.1761	0.03124	0.02953	19	5.57	7%	0
019.44	Calcium, ICP, Dry ash (%)	2004	1.1750	0.01000	1.2095	0.04879	0.01700	2	-0.71	1%	0
019.44	Calcium, ICP, Dry ash (%)	0647	1.2440	0.02400	1.2095	0.04879	0.01700	2	0.71	1%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.1231	0.13070	1.2340	0.15694	0.07035	2	-0.71	4%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.3450	0.01000	1.2340	0.15694	0.07035	2	0.71	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.1625	0.03900	1.1813	0.02652	0.01950	2	-0.71	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	0199	1.2000	0.00000	1.1813	0.02652	0.01950	2	0.71	1%	0
019.99	Calcium, Miscellaneous (%)	0852	0.76500	0.01000	0.96233	0.17922	0.01200	3	-1.10	10%	0
019.99	Calcium, Miscellaneous (%)	2006	1.0070	0.01600	0.96233	0.17922	0.01200	3	0.25	2%	0
019.99	Calcium, Miscellaneous (%)	0676	1.1150	0.01000	0.96233	0.17922	0.01200	3	0.85	8%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0164	1.4000	0.20000	1.6450	0.34648	0.29000	2	-0.71	7%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0596	1.8900	0.38000	1.6450	0.34648	0.29000	2	0.71	7%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	0.72750	0.03700	1.1628	0.50633	0.02713	4	-0.86	19%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0171	0.75500	0.03000	1.1628	0.50633	0.02713	4	-0.81	18%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0011	1.4143	0.00450	1.1628	0.50633	0.02713	4	0.50	11%	0
021.41	Cobalt, ICP, Dry ash (ppm)	0964	1.7545	0.03700	1.1628	0.50633	0.02713	4	1.17	25%	0
021.42	Cobalt, ICP, Open vessel (ppm)	0560	0.90150	0.14900			0.14900	1			
021.43	Cobalt, ICP, Microwave (ppm)	0021	0.00000	0.00000	1.6300	0.21047	0.04500	6	-7.74	50%	0
021.43	Cobalt, ICP, Microwave (ppm)	0345	1.2400	0.02000	1.6300	0.21047	0.04500	6	-1.85	12%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	1.6400	0.02000	1.6300	0.21047	0.04500	6	0.05	0%	0
021.43	Cobalt, ICP, Microwave (ppm)	0003	1.7200	0.08000	1.6300	0.21047	0.04500	6	0.43	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0038	1.7500	0.10000	1.6300	0.21047	0.04500	6	0.57	4%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	1.8550	0.05000	1.6300	0.21047	0.04500	6	1.07	7%	0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0154	0.89650	0.05100	0.95575	0.08379	0.10450	2	-0.71	3%	0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0098	1.0150	0.15800	0.95575	0.08379	0.10450	2	0.71	3%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0918	1.3860	0.00000	1.4703	0.13835	0.03000	3	-0.61	3%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	1.3950	0.05000	1.4703	0.13835	0.03000	3	-0.54	3%	0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0199	1.6300	0.04000	1.4703	0.13835	0.03000	3	1.15	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0629	6.3500	0.30000	7.7913	0.78547	0.34000	11	-1.83	9%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	6.7350	0.15000	7.7913	0.78547	0.34000	11	-1.34	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0596	7.2300	0.00000	7.7913	0.78547	0.34000	11	-0.71	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0921	7.4100	1.1000	7.7913	0.78547	0.34000	11	-0.49	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0866	7.7300	0.08000	7.7913	0.78547	0.34000	11	-0.08	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0505	7.8000	0.60000	7.7913	0.78547	0.34000	11	0.01	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0868	7.9700	0.00000	7.7913	0.78547	0.34000	11	0.23	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0354	8.1300	0.24000	7.7913	0.78547	0.34000	11	0.43	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0884	8.2500	0.50000	7.7913	0.78547	0.34000	11	0.58	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0674	8.7850	0.55000	7.7913	0.78547	0.34000	11	1.27	6%	0
022.31	Copper, AAS, Dry ash (ppm)	0653	9.0440	0.22000	7.7913	0.78547	0.34000	11	1.59	8%	0
022.31	Copper, AAS, Dry ash (ppm)	0673	7.7500	1.9000	7.7913	0.78547	0.34000	11	-0.05	0%	1
022.32	Copper, AAS, Open vessel (ppm)	0504	9.1325	0.11900	12.302	3.6578	1.9523	4	-0.87	13%	0
022.32	Copper, AAS, Open vessel (ppm)	0035	10.575	0.69000	12.302	3.6578	1.9523	4	-0.47	7%	0
022.32	Copper, AAS, Open vessel (ppm)	0038	12.000	2.0000	12.302	3.6578	1.9523	4	-0.08	1%	0
022.32	Copper, AAS, Open vessel (ppm)	0609	17.500	5.0000	12.302	3.6578	1.9523	4	1.42	21%	0
022.33	Copper, AAS, Microwave (ppm)	0948	6.6900	0.08000	8.5125	2.5774	2.7050	2	-0.71	11%	0
022.33	Copper, AAS, Microwave (ppm)	0504	10.335	5.3300	8.5125	2.5774	2.7050	2	0.71	11%	0
022.41	Copper, ICP, Dry ash (ppm)	0242	3.5000	1.0000	7.3850	1.5623	0.54109	22	-2.49	26%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (ppm)	0229	4.5000	1.0000	7.3850	1.5623	0.54109	22	-1.85	20%	0
022.41	Copper, ICP, Dry ash (ppm)	0878	5.4500	1.1000	7.3850	1.5623	0.54109	22	-1.24	13%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	5.8450	0.27000	7.3850	1.5623	0.54109	22	-0.99	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	6.1100	0.12000	7.3850	1.5623	0.54109	22	-0.82	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	6.1485	1.1390	7.3850	1.5623	0.54109	22	-0.79	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0011	6.4175	0.52500	7.3850	1.5623	0.54109	22	-0.62	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	6.5800	0.66000	7.3850	1.5623	0.54109	22	-0.52	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0051	6.7550	0.35000	7.3850	1.5623	0.54109	22	-0.40	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0003	7.0000	0.00000	7.3850	1.5623	0.54109	22	-0.25	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0164	7.0000	0.00000	7.3850	1.5623	0.54109	22	-0.25	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0100	8.0000	0.00000	7.3850	1.5623	0.54109	22	0.39	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	8.3160	0.20400	7.3850	1.5623	0.54109	22	0.60	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	8.3550	0.11000	7.3850	1.5623	0.54109	22	0.62	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0083	8.5000	1.0000	7.3850	1.5623	0.54109	22	0.71	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	8.5000	1.0000	7.3850	1.5623	0.54109	22	0.71	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0405	8.5000	1.0000	7.3850	1.5623	0.54109	22	0.71	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0964	8.5175	0.18300	7.3850	1.5623	0.54109	22	0.72	8%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	8.7700	0.14000	7.3850	1.5623	0.54109	22	0.89	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0682	8.8600	0.02000	7.3850	1.5623	0.54109	22	0.94	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0208	9.0000	2.0000	7.3850	1.5623	0.54109	22	1.03	11%	0
022.41	Copper, ICP, Dry ash (ppm)	0720	9.5175	0.08300	7.3850	1.5623	0.54109	22	1.36	14%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	8.0000	0.00000	9.3131	0.95886	0.60154	13	-1.37	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	8.5000	1.0000	9.3131	0.95886	0.60154	13	-0.85	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	8.6000	1.6000	9.3131	0.95886	0.60154	13	-0.74	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	8.7000	1.6000	9.3131	0.95886	0.60154	13	-0.64	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0560	8.7000	0.40000	9.3131	0.95886	0.60154	13	-0.64	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0613	8.8100	0.12000	9.3131	0.95886	0.60154	13	-0.52	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	9.0000	0.00000	9.3131	0.95886	0.60154	13	-0.33	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	9.6250	0.95000	9.3131	0.95886	0.60154	13	0.33	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0413	9.7500	0.50000	9.3131	0.95886	0.60154	13	0.46	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	10.215	0.27000	9.3131	0.95886	0.60154	13	0.94	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0202	11.020	0.04000	9.3131	0.95886	0.60154	13	1.78	9%	0
022.42	Copper, ICP, Open vessel (ppm)	0106	11.750	1.3000	9.3131	0.95886	0.60154	13	2.54	13%	0
022.42	Copper, ICP, Open vessel (ppm)	0187	14.110	0.04000	9.3131	0.95886	0.60154	13	5.00	26%	0
022.43	Copper, ICP, Microwave (ppm)	0021	0.00000	0.00000	8.4522	0.64031	0.23207	15	-13.20	50%	0
022.43	Copper, ICP, Microwave (ppm)	0629	7.4900	0.08000	8.4522	0.64031	0.23207	15	-1.50	6%	0
022.43	Copper, ICP, Microwave (ppm)	0297	8.0000	0.00000	8.4522	0.64031	0.23207	15	-0.71	3%	0
022.43	Copper, ICP, Microwave (ppm)	0968	8.0000	0.00000	8.4522	0.64031	0.23207	15	-0.71	3%	0
022.43	Copper, ICP, Microwave (ppm)	0098	8.0895	0.29100	8.4522	0.64031	0.23207	15	-0.57	2%	0
022.43	Copper, ICP, Microwave (ppm)	0169	8.3450	0.07000	8.4522	0.64031	0.23207	15	-0.17	1%	0
022.43	Copper, ICP, Microwave (ppm)	0294	8.4000	0.20000	8.4522	0.64031	0.23207	15	-0.08	0%	0
022.43	Copper, ICP, Microwave (ppm)	0353	8.4100	0.22000	8.4522	0.64031	0.23207	15	-0.07	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	Rob SD	R-bar	# Labs			
022.43	Copper, ICP, Microwave (ppm)	0675	8.5850	0.03000	8.4522	0.64031	0.23207	15	0.21	1%	0
022.43	Copper, ICP, Microwave (ppm)	0918	8.7200	1.4400	8.4522	0.64031	0.23207	15	0.42	2%	0
022.43	Copper, ICP, Microwave (ppm)	0345	8.8000	0.20000	8.4522	0.64031	0.23207	15	0.54	2%	0
022.43	Copper, ICP, Microwave (ppm)	0038	8.8500	0.10000	8.4522	0.64031	0.23207	15	0.62	2%	0
022.43	Copper, ICP, Microwave (ppm)	0510	9.0000	0.00000	8.4522	0.64031	0.23207	15	0.86	3%	0
022.43	Copper, ICP, Microwave (ppm)	0008	9.2650	0.65000	8.4522	0.64031	0.23207	15	1.27	5%	0
022.43	Copper, ICP, Microwave (ppm)	0042	11.100	0.20000	8.4522	0.64031	0.23207	15	4.14	16%	0
022.43	Copper, ICP, Microwave (ppm)	2012	11.170	2.9800	8.4522	0.64031	0.23207	15	4.24	16%	1
022.44	Copper, ICP, Dry ash (ppm)	2004	7.1700	0.12000			0.12000	1			
022.52	Copper, ICP-MS, Open vessel (ppm)	0154	7.5800	0.18000			0.18000	1			
022.53	Copper, ICP-MS, Microwave (ppm)	2023	8.0350	0.55000	8.1275	0.13081	0.43500	2	-0.71	1%	0
022.53	Copper, ICP-MS, Microwave (ppm)	0572	8.2200	0.32000	8.1275	0.13081	0.43500	2	0.71	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0874	223.00	0.00000	246.75	17.821	5.7633	18	-1.33	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0723	226.00	0.00000	246.75	17.821	5.7633	18	-1.16	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0505	227.00	4.0000	246.75	17.821	5.7633	18	-1.11	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0629	229.50	1.0000	246.75	17.821	5.7633	18	-0.97	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0868	235.00	0.00000	246.75	17.821	5.7633	18	-0.66	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0354	235.86	4.0300	246.75	17.821	5.7633	18	-0.61	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0673	237.00	4.0000	246.75	17.821	5.7633	18	-0.55	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	240.12	2.3400	246.75	17.821	5.7633	18	-0.37	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0596	249.96	5.9400	246.75	17.821	5.7633	18	0.18	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	250.50	1.0000	246.75	17.821	5.7633	18	0.21	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0208	251.50	3.0000	246.75	17.821	5.7633	18	0.27	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	253.00	6.0000	246.75	17.821	5.7633	18	0.35	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0178	254.95	9.3000	246.75	17.821	5.7633	18	0.46	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0884	258.00	21.400	246.75	17.821	5.7633	18	0.63	2%	0
025.31	Iron, AAS, Dry ash (ppm)	2022	262.00	16.000	246.75	17.821	5.7633	18	0.86	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0951	262.45	2.3000	246.75	17.821	5.7633	18	0.88	3%	0
025.31	Iron, AAS, Dry ash (ppm)	0066	272.19	8.4290	246.75	17.821	5.7633	18	1.43	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0175	277.50	15.000	246.75	17.821	5.7633	18	1.73	6%	0
025.31	Iron, AAS, Dry ash (ppm)	0921	173.00	30.000	246.75	17.821	5.7633	18	-4.14	15%	1
025.32	Iron, AAS, Open vessel (ppm)	0337	233.01	0.21000	259.99	27.357	6.0275	4	-0.99	5%	0
025.32	Iron, AAS, Open vessel (ppm)	0504	249.50	2.0000	259.99	27.357	6.0275	4	-0.38	2%	0
025.32	Iron, AAS, Open vessel (ppm)	0035	259.95	6.9000	259.99	27.357	6.0275	4	0.00	0%	0
025.32	Iron, AAS, Open vessel (ppm)	0609	297.50	15.000	259.99	27.357	6.0275	4	1.37	7%	0
025.33	Iron, AAS, Microwave (ppm)	0948	239.70	2.7700	253.92	20.121	2.3350	2	-0.71	3%	0
025.33	Iron, AAS, Microwave (ppm)	0504	268.15	1.9000	253.92	20.121	2.3350	2	0.71	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0405	182.50	3.0000	232.97	8.4770	4.2641	30	-5.95	11%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	205.00	2.0000	232.97	8.4770	4.2641	30	-3.30	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0610	206.00	0.00000	232.97	8.4770	4.2641	30	-3.18	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	206.50	3.0000	232.97	8.4770	4.2641	30	-3.12	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0553	217.50	1.0000	232.97	8.4770	4.2641	30	-1.83	3%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
025.41	Iron, ICP, Dry ash (ppm)	0051	222.50	13.000	232.97	8.4770	4.2641	30	-1.24	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0511	226.50	5.0000	232.97	8.4770	4.2641	30	-0.76	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	226.87	6.4800	232.97	8.4770	4.2641	30	-0.72	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	230.00	0.00000	232.97	8.4770	4.2641	30	-0.35	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0878	230.00	0.00000	232.97	8.4770	4.2641	30	-0.35	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0242	231.00	6.0000	232.97	8.4770	4.2641	30	-0.23	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0083	231.50	7.0000	232.97	8.4770	4.2641	30	-0.17	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	231.50	9.0000	232.97	8.4770	4.2641	30	-0.17	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	231.90	0.40000	232.97	8.4770	4.2641	30	-0.13	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	232.85	5.5000	232.97	8.4770	4.2641	30	-0.01	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0300	233.85	11.058	232.97	8.4770	4.2641	30	0.10	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0100	234.00	0.00000	232.97	8.4770	4.2641	30	0.12	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0720	234.05	2.1000	232.97	8.4770	4.2641	30	0.13	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	235.59	4.7000	232.97	8.4770	4.2641	30	0.31	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0011	236.87	2.9650	232.97	8.4770	4.2641	30	0.46	1%	0
025.41	Iron, ICP, Dry ash (ppm)	2004	237.50	1.0000	232.97	8.4770	4.2641	30	0.53	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	238.00	6.0000	232.97	8.4770	4.2641	30	0.59	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0512	238.15	2.7000	232.97	8.4770	4.2641	30	0.61	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	238.90	12.400	232.97	8.4770	4.2641	30	0.70	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0074	239.00	10.000	232.97	8.4770	4.2641	30	0.71	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	240.00	2.0000	232.97	8.4770	4.2641	30	0.83	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	245.00	6.0000	232.97	8.4770	4.2641	30	1.42	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	245.46	0.37000	232.97	8.4770	4.2641	30	1.47	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0682	259.53	0.49000	232.97	8.4770	4.2641	30	3.13	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0964	260.18	4.7600	232.97	8.4770	4.2641	30	3.21	6%	0
025.41	Iron, ICP, Dry ash (ppm)	0208	250.00	36.000	232.97	8.4770	4.2641	30	2.01	4%	1
025.41	Iron, ICP, Dry ash (ppm)	0003	269.50	33.000	232.97	8.4770	4.2641	30	4.31	8%	1
025.42	Iron, ICP, Open vessel (ppm)	0613	217.36	13.920	242.87	25.780	5.7842	12	-0.99	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	218.63	1.7400	242.87	25.780	5.7842	12	-0.94	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	220.50	1.0000	242.87	25.780	5.7842	12	-0.87	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0560	223.50	17.000	242.87	25.780	5.7842	12	-0.75	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	235.35	1.5000	242.87	25.780	5.7842	12	-0.29	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0106	236.00	8.0000	242.87	25.780	5.7842	12	-0.27	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0413	237.50	3.0000	242.87	25.780	5.7842	12	-0.21	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	239.50	3.0000	242.87	25.780	5.7842	12	-0.13	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	261.15	4.9000	242.87	25.780	5.7842	12	0.71	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0187	275.90	4.3500	242.87	25.780	5.7842	12	1.28	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	276.50	1.0000	242.87	25.780	5.7842	12	1.30	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	284.00	10.000	242.87	25.780	5.7842	12	1.60	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	179.50	53.000	242.87	25.780	5.7842	12	-2.46	13%	1
025.43	Iron, ICP, Microwave (ppm)	2023	195.00	2.0000	239.03	19.696	7.9032	19	-2.24	9%	0
025.43	Iron, ICP, Microwave (ppm)	0297	200.50	1.0000	239.03	19.696	7.9032	19	-1.96	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
025.43	Iron, ICP, Microwave (ppm)	0918	215.63	21.070	239.03	19.696	7.9032	19	-1.19	5%	0
025.43	Iron, ICP, Microwave (ppm)	0098	221.90	15.400	239.03	19.696	7.9032	19	-0.87	4%	0
025.43	Iron, ICP, Microwave (ppm)	0968	227.00	2.0000	239.03	19.696	7.9032	19	-0.61	3%	0
025.43	Iron, ICP, Microwave (ppm)	0345	229.00	2.0000	239.03	19.696	7.9032	19	-0.51	2%	0
025.43	Iron, ICP, Microwave (ppm)	2012	229.83	0.65000	239.03	19.696	7.9032	19	-0.47	2%	0
025.43	Iron, ICP, Microwave (ppm)	0629	230.50	3.0000	239.03	19.696	7.9032	19	-0.43	2%	0
025.43	Iron, ICP, Microwave (ppm)	0510	233.50	1.0000	239.03	19.696	7.9032	19	-0.28	1%	0
025.43	Iron, ICP, Microwave (ppm)	0294	238.35	1.3000	239.03	19.696	7.9032	19	-0.03	0%	0
025.43	Iron, ICP, Microwave (ppm)	0021	245.00	10.000	239.03	19.696	7.9032	19	0.30	1%	0
025.43	Iron, ICP, Microwave (ppm)	0033	245.00	8.0000	239.03	19.696	7.9032	19	0.30	1%	0
025.43	Iron, ICP, Microwave (ppm)	0008	248.00	6.0000	239.03	19.696	7.9032	19	0.46	2%	0
025.43	Iron, ICP, Microwave (ppm)	0168	250.00	20.000	239.03	19.696	7.9032	19	0.56	2%	0
025.43	Iron, ICP, Microwave (ppm)	0169	250.50	5.0000	239.03	19.696	7.9032	19	0.58	2%	0
025.43	Iron, ICP, Microwave (ppm)	0038	260.00	12.000	239.03	19.696	7.9032	19	1.06	4%	0
025.43	Iron, ICP, Microwave (ppm)	0042	264.00	20.000	239.03	19.696	7.9032	19	1.27	5%	0
025.43	Iron, ICP, Microwave (ppm)	0675	267.07	8.7400	239.03	19.696	7.9032	19	1.42	6%	0
025.43	Iron, ICP, Microwave (ppm)	0353	298.10	11.000	239.03	19.696	7.9032	19	3.00	12%	0
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	192.88	15.010			15.010	1			
025.53	Iron, ICP-MS, Microwave (ppm)	0199	247.50	3.0000			3.0000	1			
027.31	Magnesium, AAS, Dry ash (%)	0139	0.17610	0.00020	0.29927	0.02062	0.00668	17	-5.97	21%	0
027.31	Magnesium, AAS, Dry ash (%)	0921	0.25950	0.01100	0.29927	0.02062	0.00668	17	-1.93	7%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.26500	0.03000	0.29927	0.02062	0.00668	17	-1.66	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0673	0.28500	0.03000	0.29927	0.02062	0.00668	17	-0.69	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.28850	0.00300	0.29927	0.02062	0.00668	17	-0.52	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.29000	0.01000	0.29927	0.02062	0.00668	17	-0.45	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0065	0.29250	0.00300	0.29927	0.02062	0.00668	17	-0.33	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.29900	0.00400	0.29927	0.02062	0.00668	17	-0.01	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.30000	0.00000	0.29927	0.02062	0.00668	17	0.04	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.30270	0.00520	0.29927	0.02062	0.00668	17	0.17	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.30350	0.00100	0.29927	0.02062	0.00668	17	0.20	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.31000	0.00000	0.29927	0.02062	0.00668	17	0.52	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.31270	0.00040	0.29927	0.02062	0.00668	17	0.65	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.31500	0.01000	0.29927	0.02062	0.00668	17	0.76	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.31700	0.00200	0.29927	0.02062	0.00668	17	0.86	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.32870	0.00380	0.29927	0.02062	0.00668	17	1.43	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0178	0.34500	0.00000	0.29927	0.02062	0.00668	17	2.22	8%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.30500	0.01000	0.32065	0.01032	0.00434	5	-1.52	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.31570	0.00500	0.32065	0.01032	0.00434	5	-0.48	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.32455	0.00070	0.32065	0.01032	0.00434	5	0.38	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.32800	0.00600	0.32065	0.01032	0.00434	5	0.71	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.33000	0.00000	0.32065	0.01032	0.00434	5	0.91	1%	0
027.33	Magnesium, AAS, Microwave (%)	0504	0.29550	0.01100	0.31275	0.02440	0.01550	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	Rob SD	R-bar	# Labs			
027.33	Magnesium, AAS, Microwave (%)	0948	0.33000	0.02000	0.31275	0.02440	0.01550	2	0.71	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0553	0.27650	0.00300	0.31478	0.01675	0.00811	26	-2.28	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.29205	0.01930	0.31478	0.01675	0.00811	26	-1.36	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0242	0.29500	0.01000	0.31478	0.01675	0.00811	26	-1.18	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.29970	0.00440	0.31478	0.01675	0.00811	26	-0.90	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.30000	0.02000	0.31478	0.01675	0.00811	26	-0.88	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.30000	0.02000	0.31478	0.01675	0.00811	26	-0.88	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.30300	0.00200	0.31478	0.01675	0.00811	26	-0.70	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.30500	0.01000	0.31478	0.01675	0.00811	26	-0.58	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.30500	0.01000	0.31478	0.01675	0.00811	26	-0.58	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.30500	0.01000	0.31478	0.01675	0.00811	26	-0.58	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.31000	0.00000	0.31478	0.01675	0.00811	26	-0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.31000	0.00000	0.31478	0.01675	0.00811	26	-0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.31100	0.00200	0.31478	0.01675	0.00811	26	-0.23	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.31240	0.00240	0.31478	0.01675	0.00811	26	-0.14	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0300	0.32050	0.00900	0.31478	0.01675	0.00811	26	0.34	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.32500	0.01000	0.31478	0.01675	0.00811	26	0.61	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.32500	0.01000	0.31478	0.01675	0.00811	26	0.61	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.32500	0.01000	0.31478	0.01675	0.00811	26	0.61	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.32500	0.01000	0.31478	0.01675	0.00811	26	0.61	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.32800	0.00600	0.31478	0.01675	0.00811	26	0.79	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.32900	0.00600	0.31478	0.01675	0.00811	26	0.85	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0964	0.32920	0.00680	0.31478	0.01675	0.00811	26	0.86	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0100	0.33000	0.00000	0.31478	0.01675	0.00811	26	0.91	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.33000	0.00000	0.31478	0.01675	0.00811	26	0.91	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.35500	0.01000	0.31478	0.01675	0.00811	26	2.40	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.36000	0.02000	0.31478	0.01675	0.00811	26	2.70	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.28500	0.03000	0.31358	0.02174	0.00828	13	-1.31	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.28500	0.01000	0.31358	0.02174	0.00828	13	-1.31	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.29000	0.00000	0.31358	0.02174	0.00828	13	-1.08	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.30500	0.01000	0.31358	0.02174	0.00828	13	-0.39	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.30825	0.00110	0.31358	0.02174	0.00828	13	-0.25	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.30950	0.00500	0.31358	0.02174	0.00828	13	-0.19	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.31000	0.00000	0.31358	0.02174	0.00828	13	-0.16	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.32000	0.00000	0.31358	0.02174	0.00828	13	0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.32155	0.02450	0.31358	0.02174	0.00828	13	0.37	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.33000	0.02000	0.31358	0.02174	0.00828	13	0.76	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0106	0.33500	0.00400	0.31358	0.02174	0.00828	13	0.99	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.33760	0.00300	0.31358	0.02174	0.00828	13	1.10	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.33965	0.00010	0.31358	0.02174	0.00828	13	1.20	4%	0
027.43	Magnesium, ICP, Microwave (%)	2023	0.28450	0.00100	0.31119	0.00969	0.00700	17	-2.75	4%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.29100	0.00000	0.31119	0.00969	0.00700	17	-2.08	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
027.43	Magnesium, ICP, Microwave (%)	0345	0.29150	0.01100	0.31119	0.00969	0.00700	17	-2.03	3%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.30450	0.02500	0.31119	0.00969	0.00700	17	-0.69	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.30500	0.01000	0.31119	0.00969	0.00700	17	-0.64	1%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.31000	0.00000	0.31119	0.00969	0.00700	17	-0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.31000	0.00000	0.31119	0.00969	0.00700	17	-0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.31000	0.00000	0.31119	0.00969	0.00700	17	-0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	2012	0.31000	0.00000	0.31119	0.00969	0.00700	17	-0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.31300	0.00800	0.31119	0.00969	0.00700	17	0.19	0%	0
027.43	Magnesium, ICP, Microwave (%)	0021	0.31500	0.01000	0.31119	0.00969	0.00700	17	0.39	1%	0
027.43	Magnesium, ICP, Microwave (%)	0037	0.31500	0.01000	0.31119	0.00969	0.00700	17	0.39	1%	0
027.43	Magnesium, ICP, Microwave (%)	0008	0.31550	0.00100	0.31119	0.00969	0.00700	17	0.44	1%	0
027.43	Magnesium, ICP, Microwave (%)	0294	0.32500	0.01000	0.31119	0.00969	0.00700	17	1.43	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.32500	0.01000	0.31119	0.00969	0.00700	17	1.43	2%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.34350	0.00300	0.31119	0.00969	0.00700	17	3.33	5%	0
027.43	Magnesium, ICP, Microwave (%)	0042	0.35200	0.02000	0.31119	0.00969	0.00700	17	4.21	7%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.30500	0.04000	0.31119	0.00969	0.00700	17	-0.64	1%	1
027.44	Magnesium, ICP, Dry ash (%)	2004	0.29700	0.00600			0.00600	1			
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.29295	0.00010			0.00010	1			
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.30605	0.00030			0.00030	1			
028.31	Manganese, AAS, Dry ash (ppm)	0596	95.585	0.19000	109.27	5.0485	3.3201	16	-2.71	6%	0
028.31	Manganese, AAS, Dry ash (ppm)	0629	104.50	3.0000	109.27	5.0485	3.3201	16	-0.95	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0066	104.74	1.9610	109.27	5.0485	3.3201	16	-0.90	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	2022	105.00	2.0000	109.27	5.0485	3.3201	16	-0.85	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0354	106.07	1.0600	109.27	5.0485	3.3201	16	-0.63	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0723	107.00	0.00000	109.27	5.0485	3.3201	16	-0.45	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0921	107.30	0.00000	109.27	5.0485	3.3201	16	-0.39	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0590	107.50	9.0000	109.27	5.0485	3.3201	16	-0.35	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	108.53	0.01000	109.27	5.0485	3.3201	16	-0.15	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0505	111.50	5.0000	109.27	5.0485	3.3201	16	0.44	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	112.45	0.90000	109.27	5.0485	3.3201	16	0.63	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	113.00	4.0000	109.27	5.0485	3.3201	16	0.74	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0868	113.00	0.00000	109.27	5.0485	3.3201	16	0.74	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0673	114.50	9.0000	109.27	5.0485	3.3201	16	1.04	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0175	117.00	10.000	109.27	5.0485	3.3201	16	1.53	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0208	120.50	7.0000	109.27	5.0485	3.3201	16	2.22	5%	0
028.32	Manganese, AAS, Open vessel (ppm)	0035	111.70	2.6000	124.49	13.021	3.1250	4	-0.98	5%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	120.00	4.0000	124.49	13.021	3.1250	4	-0.34	2%	0
028.32	Manganese, AAS, Open vessel (ppm)	0504	123.75	0.90000	124.49	13.021	3.1250	4	-0.06	0%	0
028.32	Manganese, AAS, Open vessel (ppm)	0609	142.50	5.0000	124.49	13.021	3.1250	4	1.38	7%	0
028.33	Manganese, AAS, Microwave (ppm)	0948	107.59	3.3200	115.02	10.508	4.0100	2	-0.71	3%	0
028.33	Manganese, AAS, Microwave (ppm)	0504	122.45	4.7000	115.02	10.508	4.0100	2	0.71	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	90.280	0.84000	110.50	6.6389	3.9148	30	-3.05	9%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (ppm)	0511	99.000	2.0000	110.50	6.6389	3.9148	30	-1.73	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0051	99.110	3.4200	110.50	6.6389	3.9148	30	-1.72	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0553	100.05	1.9000	110.50	6.6389	3.9148	30	-1.57	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0164	100.50	1.0000	110.50	6.6389	3.9148	30	-1.51	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	103.50	1.0000	110.50	6.6389	3.9148	30	-1.05	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	105.20	0.60000	110.50	6.6389	3.9148	30	-0.80	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0074	106.50	3.0000	110.50	6.6389	3.9148	30	-0.60	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	107.00	4.0000	110.50	6.6389	3.9148	30	-0.53	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	107.00	2.0000	110.50	6.6389	3.9148	30	-0.53	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	108.00	4.0000	110.50	6.6389	3.9148	30	-0.38	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0610	109.00	2.0000	110.50	6.6389	3.9148	30	-0.23	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0512	109.20	4.2000	110.50	6.6389	3.9148	30	-0.20	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	110.00	16.000	110.50	6.6389	3.9148	30	-0.08	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	110.69	3.4500	110.50	6.6389	3.9148	30	0.03	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0003	111.00	0.00000	110.50	6.6389	3.9148	30	0.08	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0011	111.01	3.6750	110.50	6.6389	3.9148	30	0.08	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	111.65	1.6100	110.50	6.6389	3.9148	30	0.17	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	112.45	3.5000	110.50	6.6389	3.9148	30	0.29	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	113.20	15.800	110.50	6.6389	3.9148	30	0.41	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	114.00	2.0000	110.50	6.6389	3.9148	30	0.53	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0242	114.00	6.0000	110.50	6.6389	3.9148	30	0.53	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0300	114.11	9.0880	110.50	6.6389	3.9148	30	0.54	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0878	115.00	10.000	110.50	6.6389	3.9148	30	0.68	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0964	115.15	5.7000	110.50	6.6389	3.9148	30	0.70	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0720	118.63	0.55000	110.50	6.6389	3.9148	30	1.22	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0083	120.50	3.0000	110.50	6.6389	3.9148	30	1.51	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0100	121.50	1.0000	110.50	6.6389	3.9148	30	1.66	5%	0
028.41	Manganese, ICP, Dry ash (ppm)	0405	126.00	4.0000	110.50	6.6389	3.9148	30	2.33	7%	0
028.41	Manganese, ICP, Dry ash (ppm)	0682	128.64	2.1100	110.50	6.6389	3.9148	30	2.73	8%	0
028.41	Manganese, ICP, Dry ash (ppm)	0208	114.00	30.000	110.50	6.6389	3.9148	30	0.53	2%	1
028.42	Manganese, ICP, Open vessel (ppm)	0265	108.00	12.000	122.04	8.8819	4.1133	15	-1.58	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	110.00	0.00000	122.04	8.8819	4.1133	15	-1.36	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0613	110.40	2.8600	122.04	8.8819	4.1133	15	-1.31	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	112.95	1.1000	122.04	8.8819	4.1133	15	-1.02	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	116.00	0.00000	122.04	8.8819	4.1133	15	-0.68	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	118.50	9.0000	122.04	8.8819	4.1133	15	-0.40	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0413	121.50	1.0000	122.04	8.8819	4.1133	15	-0.06	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0202	124.00	0.06000	122.04	8.8819	4.1133	15	0.22	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	125.50	9.0000	122.04	8.8819	4.1133	15	0.39	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0187	126.13	3.9300	122.04	8.8819	4.1133	15	0.46	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	127.00	6.0000	122.04	8.8819	4.1133	15	0.56	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0560	128.00	14.000	122.04	8.8819	4.1133	15	0.67	2%	0

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028.42	Manganese, ICP, Open vessel (ppm)	0190	128.43	0.75000	122.04	8.8819	4.1133	15	0.72	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	132.00	1.0000	122.04	8.8819	4.1133	15	1.12	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0106	135.50	1.0000	122.04	8.8819	4.1133	15	1.51	6%	0
028.43	Manganese, ICP, Microwave (ppm)	2012	98.825	3.6100	117.44	8.4577	4.8483	18	-2.20	8%	0
028.43	Manganese, ICP, Microwave (ppm)	0168	105.00	10.000	117.44	8.4577	4.8483	18	-1.47	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0629	109.50	1.0000	117.44	8.4577	4.8483	18	-0.94	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	110.50	1.0000	117.44	8.4577	4.8483	18	-0.82	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	110.50	1.0000	117.44	8.4577	4.8483	18	-0.82	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	115.35	1.9000	117.44	8.4577	4.8483	18	-0.25	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0294	115.35	3.9000	117.44	8.4577	4.8483	18	-0.25	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	116.64	4.2900	117.44	8.4577	4.8483	18	-0.10	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	116.73	9.6700	117.44	8.4577	4.8483	18	-0.09	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	117.00	0.00000	117.44	8.4577	4.8483	18	-0.05	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	119.00	6.0000	117.44	8.4577	4.8483	18	0.18	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0008	120.50	1.0000	117.44	8.4577	4.8483	18	0.36	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	122.00	2.0000	117.44	8.4577	4.8483	18	0.54	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	122.50	3.0000	117.44	8.4577	4.8483	18	0.60	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	124.55	5.9000	117.44	8.4577	4.8483	18	0.84	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0021	125.00	10.000	117.44	8.4577	4.8483	18	0.89	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	129.00	12.000	117.44	8.4577	4.8483	18	1.37	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0042	130.50	11.000	117.44	8.4577	4.8483	18	1.54	6%	0
028.44	Manganese, ICP, Dry ash (ppm)	2023	90.700	1.8000	101.10	14.708	1.4000	2	-0.71	5%	0
028.44	Manganese, ICP, Dry ash (ppm)	2004	111.50	1.0000	101.10	14.708	1.4000	2	0.71	5%	0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0154	117.57	19.660			19.660	1			
028.53	Manganese, ICP-MS, Microwave (ppm)	0572	115.00	0.00000	117.65	3.7477	0.40000	2	-0.71	1%	0
028.53	Manganese, ICP-MS, Microwave (ppm)	0199	120.30	0.80000	117.65	3.7477	0.40000	2	0.71	1%	0
031.01	Phosphorus, Photometric (%)	0658	0.52100	0.00260	0.63883	0.01948	0.00891	64	-6.05	9%	0
031.01	Phosphorus, Photometric (%)	0108	0.53500	0.01000	0.63883	0.01948	0.00891	64	-5.33	8%	0
031.01	Phosphorus, Photometric (%)	0142	0.57000	0.00000	0.63883	0.01948	0.00891	64	-3.53	5%	0
031.01	Phosphorus, Photometric (%)	0646	0.58000	0.02000	0.63883	0.01948	0.00891	64	-3.02	5%	0
031.01	Phosphorus, Photometric (%)	0065	0.59200	0.00200	0.63883	0.01948	0.00891	64	-2.40	4%	0
031.01	Phosphorus, Photometric (%)	0885	0.60500	0.01000	0.63883	0.01948	0.00891	64	-1.74	3%	0
031.01	Phosphorus, Photometric (%)	0874	0.60505	0.00070	0.63883	0.01948	0.00891	64	-1.73	3%	0
031.01	Phosphorus, Photometric (%)	0511	0.61000	0.02000	0.63883	0.01948	0.00891	64	-1.48	2%	0
031.01	Phosphorus, Photometric (%)	0596	0.62000	0.02000	0.63883	0.01948	0.00891	64	-0.97	1%	0
031.01	Phosphorus, Photometric (%)	0894	0.62000	0.00000	0.63883	0.01948	0.00891	64	-0.97	1%	0
031.01	Phosphorus, Photometric (%)	2068	0.62000	0.00000	0.63883	0.01948	0.00891	64	-0.97	1%	0
031.01	Phosphorus, Photometric (%)	0622	0.62300	0.00580	0.63883	0.01948	0.00891	64	-0.81	1%	0
031.01	Phosphorus, Photometric (%)	0620	0.62365	0.00090	0.63883	0.01948	0.00891	64	-0.78	1%	0
031.01	Phosphorus, Photometric (%)	0887	0.62500	0.01000	0.63883	0.01948	0.00891	64	-0.71	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.62550	0.01900	0.63883	0.01948	0.00891	64	-0.68	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.62550	0.00100	0.63883	0.01948	0.00891	64	-0.68	1%	0

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031.01	Phosphorus, Photometric (%)	2006	0.62750	0.00700	0.63883	0.01948	0.00891	64	-0.58	1%	0
031.01	Phosphorus, Photometric (%)	0921	0.62950	0.03700	0.63883	0.01948	0.00891	64	-0.48	1%	0
031.01	Phosphorus, Photometric (%)	0233	0.63000	0.00000	0.63883	0.01948	0.00891	64	-0.45	1%	0
031.01	Phosphorus, Photometric (%)	0354	0.63000	0.02000	0.63883	0.01948	0.00891	64	-0.45	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.63000	0.00000	0.63883	0.01948	0.00891	64	-0.45	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.63000	0.00000	0.63883	0.01948	0.00891	64	-0.45	1%	0
031.01	Phosphorus, Photometric (%)	0728	0.63000	0.02000	0.63883	0.01948	0.00891	64	-0.45	1%	0
031.01	Phosphorus, Photometric (%)	2061	0.63000	0.00000	0.63883	0.01948	0.00891	64	-0.45	1%	0
031.01	Phosphorus, Photometric (%)	0039	0.63205	0.00750	0.63883	0.01948	0.00891	64	-0.35	1%	0
031.01	Phosphorus, Photometric (%)	0178	0.63250	0.00100	0.63883	0.01948	0.00891	64	-0.33	0%	0
031.01	Phosphorus, Photometric (%)	0263	0.63355	0.00330	0.63883	0.01948	0.00891	64	-0.27	0%	0
031.01	Phosphorus, Photometric (%)	0175	0.63500	0.01000	0.63883	0.01948	0.00891	64	-0.20	0%	0
031.01	Phosphorus, Photometric (%)	2065	0.63500	0.01000	0.63883	0.01948	0.00891	64	-0.20	0%	0
031.01	Phosphorus, Photometric (%)	0623	0.63560	0.05960	0.63883	0.01948	0.00891	64	-0.17	0%	0
031.01	Phosphorus, Photometric (%)	0722	0.63640	0.00180	0.63883	0.01948	0.00891	64	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	0849	0.63850	0.00300	0.63883	0.01948	0.00891	64	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	0653	0.63900	0.01200	0.63883	0.01948	0.00891	64	0.01	0%	0
031.01	Phosphorus, Photometric (%)	0891	0.63965	0.00250	0.63883	0.01948	0.00891	64	0.04	0%	0
031.01	Phosphorus, Photometric (%)	0674	0.64000	0.00000	0.63883	0.01948	0.00891	64	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0723	0.64000	0.00000	0.63883	0.01948	0.00891	64	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0878	0.64000	0.00000	0.63883	0.01948	0.00891	64	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0884	0.64000	0.02000	0.63883	0.01948	0.00891	64	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0893	0.64000	0.00000	0.63883	0.01948	0.00891	64	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.64300	0.00620	0.63883	0.01948	0.00891	64	0.21	0%	0
031.01	Phosphorus, Photometric (%)	0939	0.64500	0.01000	0.63883	0.01948	0.00891	64	0.32	0%	0
031.01	Phosphorus, Photometric (%)	0948	0.64500	0.01000	0.63883	0.01948	0.00891	64	0.32	0%	0
031.01	Phosphorus, Photometric (%)	2028	0.64550	0.00100	0.63883	0.01948	0.00891	64	0.34	1%	0
031.01	Phosphorus, Photometric (%)	0152	0.65000	0.00000	0.63883	0.01948	0.00891	64	0.57	1%	0
031.01	Phosphorus, Photometric (%)	0937	0.65000	0.00000	0.63883	0.01948	0.00891	64	0.57	1%	0
031.01	Phosphorus, Photometric (%)	0951	0.65000	0.00600	0.63883	0.01948	0.00891	64	0.57	1%	0
031.01	Phosphorus, Photometric (%)	2042	0.65000	0.00000	0.63883	0.01948	0.00891	64	0.57	1%	0
031.01	Phosphorus, Photometric (%)	2027	0.65015	0.01310	0.63883	0.01948	0.00891	64	0.58	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.65300	0.01400	0.63883	0.01948	0.00891	64	0.73	1%	0
031.01	Phosphorus, Photometric (%)	0896	0.65500	0.01000	0.63883	0.01948	0.00891	64	0.83	1%	0
031.01	Phosphorus, Photometric (%)	2063	0.65500	0.01000	0.63883	0.01948	0.00891	64	0.83	1%	0
031.01	Phosphorus, Photometric (%)	0066	0.65550	0.00900	0.63883	0.01948	0.00891	64	0.86	1%	0
031.01	Phosphorus, Photometric (%)	0018	0.65900	0.04200	0.63883	0.01948	0.00891	64	1.04	2%	0
031.01	Phosphorus, Photometric (%)	0895	0.66000	0.02000	0.63883	0.01948	0.00891	64	1.09	2%	0
031.01	Phosphorus, Photometric (%)	0938	0.66000	0.00000	0.63883	0.01948	0.00891	64	1.09	2%	0
031.01	Phosphorus, Photometric (%)	0881	0.66350	0.00500	0.63883	0.01948	0.00891	64	1.27	2%	0
031.01	Phosphorus, Photometric (%)	0687	0.66500	0.01000	0.63883	0.01948	0.00891	64	1.34	2%	0
031.01	Phosphorus, Photometric (%)	0035	0.66900	0.00400	0.63883	0.01948	0.00891	64	1.55	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	2062	0.66950	0.00700	0.63883	0.01948	0.00891	64	1.57	2%	0
031.01	Phosphorus, Photometric (%)	0683	0.67000	0.00000	0.63883	0.01948	0.00891	64	1.60	2%	0
031.01	Phosphorus, Photometric (%)	2022	0.67000	0.02000	0.63883	0.01948	0.00891	64	1.60	2%	0
031.01	Phosphorus, Photometric (%)	2067	0.68600	0.00200	0.63883	0.01948	0.00891	64	2.42	4%	0
031.01	Phosphorus, Photometric (%)	0609	0.70500	0.03000	0.63883	0.01948	0.00891	64	3.40	5%	0
031.01	Phosphorus, Photometric (%)	0139	0.73600	0.00400	0.63883	0.01948	0.00891	64	4.99	8%	0
031.01	Phosphorus, Photometric (%)	0337	0.61000	0.14000	0.63883	0.01948	0.00891	64	-1.48	2%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	0.64050	0.00020	0.64683	0.00742	0.00673	3	-0.85	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0013	0.64500	0.01000	0.64683	0.00742	0.00673	3	-0.25	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.65500	0.01000	0.64683	0.00742	0.00673	3	1.10	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.60500	0.01000	0.63761	0.02227	0.01363	4	-1.46	3%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.64195	0.00150	0.63761	0.02227	0.01363	4	0.19	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.65000	0.04000	0.63761	0.02227	0.01363	4	0.56	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.65350	0.00300	0.63761	0.02227	0.01363	4	0.71	1%	0
031.06	Phosphorus, Hach Method (%)	0138	0.63750	0.01300			0.01300	1			
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.58000	0.00000	0.64362	0.02910	0.01461	34	-2.19	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0553	0.58550	0.02100	0.64362	0.02910	0.01461	34	-2.00	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.59000	0.00000	0.64362	0.02910	0.01461	34	-1.84	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0100	0.60000	0.02000	0.64362	0.02910	0.01461	34	-1.50	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.61000	0.04000	0.64362	0.02910	0.01461	34	-1.16	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.61000	0.00800	0.64362	0.02910	0.01461	34	-1.16	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.62000	0.00000	0.64362	0.02910	0.01461	34	-0.81	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.62425	0.00450	0.64362	0.02910	0.01461	34	-0.67	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0610	0.62500	0.05000	0.64362	0.02910	0.01461	34	-0.64	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.62750	0.00300	0.64362	0.02910	0.01461	34	-0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.63000	0.02000	0.64362	0.02910	0.01461	34	-0.47	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.63500	0.03000	0.64362	0.02910	0.01461	34	-0.30	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.63500	0.03000	0.64362	0.02910	0.01461	34	-0.30	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.63650	0.00300	0.64362	0.02910	0.01461	34	-0.24	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.64000	0.00000	0.64362	0.02910	0.01461	34	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0242	0.64000	0.02000	0.64362	0.02910	0.01461	34	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	0.64030	0.01420	0.64362	0.02910	0.01461	34	-0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	0.64440	0.00560	0.64362	0.02910	0.01461	34	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.64500	0.01000	0.64362	0.02910	0.01461	34	0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.64850	0.00500	0.64362	0.02910	0.01461	34	0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.65000	0.02000	0.64362	0.02910	0.01461	34	0.22	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.65000	0.02000	0.64362	0.02910	0.01461	34	0.22	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.65500	0.01000	0.64362	0.02910	0.01461	34	0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.66000	0.02000	0.64362	0.02910	0.01461	34	0.56	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.66000	0.02000	0.64362	0.02910	0.01461	34	0.56	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.66000	0.00000	0.64362	0.02910	0.01461	34	0.56	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.66000	0.00000	0.64362	0.02910	0.01461	34	0.56	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
031.41	Phosphorus, ICP, Dry ash (%)	0682	0.67500	0.01000	0.64362	0.02910	0.01461	34	1.08	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.68135	0.00430	0.64362	0.02910	0.01461	34	1.30	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.69000	0.00000	0.64362	0.02910	0.01461	34	1.59	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.69500	0.03000	0.64362	0.02910	0.01461	34	1.77	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0964	0.72075	0.06830	0.64362	0.02910	0.01461	34	2.65	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.73500	0.01000	0.64362	0.02910	0.01461	34	3.14	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.76000	0.00000	0.64362	0.02910	0.01461	34	4.00	9%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.60500	0.09000	0.64362	0.02910	0.01461	34	-1.33	3%	1
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.69100	0.09200	0.64362	0.02910	0.01461	34	1.63	4%	1
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.59000	0.00000	0.63337	0.03609	0.01571	18	-1.20	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.59000	0.02000	0.63337	0.03609	0.01571	18	-1.20	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.59030	0.00740	0.63337	0.03609	0.01571	18	-1.19	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.60750	0.00100	0.63337	0.03609	0.01571	18	-0.72	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.61000	0.02000	0.63337	0.03609	0.01571	18	-0.65	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.61250	0.04300	0.63337	0.03609	0.01571	18	-0.58	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.61345	0.00310	0.63337	0.03609	0.01571	18	-0.55	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.61700	0.04200	0.63337	0.03609	0.01571	18	-0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.63000	0.00000	0.63337	0.03609	0.01571	18	-0.09	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.63300	0.03200	0.63337	0.03609	0.01571	18	-0.01	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.63500	0.01000	0.63337	0.03609	0.01571	18	0.05	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.65000	0.00000	0.63337	0.03609	0.01571	18	0.46	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.65500	0.05000	0.63337	0.03609	0.01571	18	0.60	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.66050	0.00080	0.63337	0.03609	0.01571	18	0.75	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.66280	0.00260	0.63337	0.03609	0.01571	18	0.82	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.67500	0.01000	0.63337	0.03609	0.01571	18	1.15	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.69265	0.03390	0.63337	0.03609	0.01571	18	1.64	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0106	0.70350	0.00700	0.63337	0.03609	0.01571	18	1.94	6%	0
031.43	Phosphorus, ICP, Microwave (%)	2023	0.58950	0.00900	0.64182	0.02830	0.01390	20	-1.85	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.61000	0.00000	0.64182	0.02830	0.01390	20	-1.12	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.61900	0.00200	0.64182	0.02830	0.01390	20	-0.81	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0037	0.62000	0.02000	0.64182	0.02830	0.01390	20	-0.77	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.62000	0.00000	0.64182	0.02830	0.01390	20	-0.77	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.62450	0.02500	0.64182	0.02830	0.01390	20	-0.61	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.62500	0.01000	0.64182	0.02830	0.01390	20	-0.59	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2012	0.62500	0.01000	0.64182	0.02830	0.01390	20	-0.59	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.63000	0.04000	0.64182	0.02830	0.01390	20	-0.42	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.63300	0.03600	0.64182	0.02830	0.01390	20	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0042	0.63350	0.01500	0.64182	0.02830	0.01390	20	-0.29	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.65495	0.00590	0.64182	0.02830	0.01390	20	0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0021	0.65500	0.01000	0.64182	0.02830	0.01390	20	0.47	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0294	0.65500	0.01000	0.64182	0.02830	0.01390	20	0.47	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.66300	0.00800	0.64182	0.02830	0.01390	20	0.75	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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031.43	Phosphorus, ICP, Microwave (%)	0008	0.66350	0.01100	0.64182	0.02830	0.01390	20	0.77	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.66500	0.01000	0.64182	0.02830	0.01390	20	0.82	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.67900	0.03600	0.64182	0.02830	0.01390	20	1.31	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.68000	0.00000	0.64182	0.02830	0.01390	20	1.35	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.72000	0.02000	0.64182	0.02830	0.01390	20	2.76	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	0.91450	0.12900	0.64182	0.02830	0.01390	20	9.63	21%	1
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.61600	0.00800	0.62965	0.01930	0.00850	2	-0.71	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	0647	0.64330	0.00900	0.62965	0.01930	0.00850	2	0.71	1%	0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.57530	0.02820			0.02820	1			
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.60000	0.00000	0.61473	0.02082	0.02225	2	-0.71	1%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.62945	0.04450	0.61473	0.02082	0.02225	2	0.71	1%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.37500	0.01000	0.59000	0.12258	0.00800	5	-1.75	18%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.62500	0.01000	0.59000	0.12258	0.00800	5	0.29	3%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.63000	0.00000	0.59000	0.12258	0.00800	5	0.33	3%	0
031.99	Phosphorus, Miscellaneous (%)	0673	0.63500	0.01000	0.59000	0.12258	0.00800	5	0.37	4%	0
031.99	Phosphorus, Miscellaneous (%)	0552	0.68500	0.01000	0.59000	0.12258	0.00800	5	0.78	8%	0
032.02	Potassium, Flame Emission (%)	0139	0.90000	0.01600	0.91000	0.01323	0.02733	3	-0.76	1%	0
032.02	Potassium, Flame Emission (%)	0881	0.90500	0.01600	0.91000	0.01323	0.02733	3	-0.38	0%	0
032.02	Potassium, Flame Emission (%)	0108	0.92500	0.05000	0.91000	0.01323	0.02733	3	1.13	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.82500	0.01000	0.94620	0.05552	0.01062	19	-2.18	6%	0
032.31	Potassium, AAS, Dry ash (%)	2022	0.88550	0.01500	0.94620	0.05552	0.01062	19	-1.09	3%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.89200	0.01800	0.94620	0.05552	0.01062	19	-0.98	3%	0
032.31	Potassium, AAS, Dry ash (%)	0596	0.90500	0.01000	0.94620	0.05552	0.01062	19	-0.74	2%	0
032.31	Potassium, AAS, Dry ash (%)	0874	0.90790	0.01040	0.94620	0.05552	0.01062	19	-0.69	2%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.90910	0.00160	0.94620	0.05552	0.01062	19	-0.67	2%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.91500	0.03000	0.94620	0.05552	0.01062	19	-0.56	2%	0
032.31	Potassium, AAS, Dry ash (%)	0354	0.91500	0.01000	0.94620	0.05552	0.01062	19	-0.56	2%	0
032.31	Potassium, AAS, Dry ash (%)	0505	0.93000	0.00000	0.94620	0.05552	0.01062	19	-0.29	1%	0
032.31	Potassium, AAS, Dry ash (%)	0065	0.94065	0.00370	0.94620	0.05552	0.01062	19	-0.10	0%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.95400	0.00800	0.94620	0.05552	0.01062	19	0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.95500	0.00000	0.94620	0.05552	0.01062	19	0.16	0%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.98000	0.02000	0.94620	0.05552	0.01062	19	0.61	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.98500	0.01000	0.94620	0.05552	0.01062	19	0.70	2%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.99000	0.02000	0.94620	0.05552	0.01062	19	0.79	2%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.0000	0.02000	0.94620	0.05552	0.01062	19	0.97	3%	0
032.31	Potassium, AAS, Dry ash (%)	0178	1.0075	0.00500	0.94620	0.05552	0.01062	19	1.10	3%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.0150	0.01000	0.94620	0.05552	0.01062	19	1.24	4%	0
032.31	Potassium, AAS, Dry ash (%)	0673	1.1000	0.00000	0.94620	0.05552	0.01062	19	2.77	8%	0
032.31	Potassium, AAS, Dry ash (%)	0921	0.79450	0.22300	0.94620	0.05552	0.01062	19	-2.73	8%	1
032.32	Potassium, AAS, Open vessel (%)	0609	0.92500	0.05000	1.0240	0.08771	0.03800	3	-1.13	5%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.0550	0.03000	1.0240	0.08771	0.03800	3	0.35	2%	0
032.32	Potassium, AAS, Open vessel (%)	0035	1.0920	0.03400	1.0240	0.08771	0.03800	3	0.78	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
032.41	Potassium, ICP, Dry ash (%)	0049	0.85500	0.01000	0.95956	0.06333	0.02486	26	-1.65	5%	0
032.41	Potassium, ICP, Dry ash (%)	0553	0.85800	0.02200	0.95956	0.06333	0.02486	26	-1.60	5%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.86000	0.02000	0.95956	0.06333	0.02486	26	-1.57	5%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.88500	0.01000	0.95956	0.06333	0.02486	26	-1.18	4%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.89050	0.10300	0.95956	0.06333	0.02486	26	-1.09	4%	0
032.41	Potassium, ICP, Dry ash (%)	0011	0.89290	0.01100	0.95956	0.06333	0.02486	26	-1.05	3%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.90990	0.00900	0.95956	0.06333	0.02486	26	-0.78	3%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.92000	0.06000	0.95956	0.06333	0.02486	26	-0.62	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.92500	0.03000	0.95956	0.06333	0.02486	26	-0.55	2%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.93000	0.00000	0.95956	0.06333	0.02486	26	-0.47	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.94400	0.00800	0.95956	0.06333	0.02486	26	-0.25	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.97000	0.00000	0.95956	0.06333	0.02486	26	0.16	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.97000	0.08000	0.95956	0.06333	0.02486	26	0.16	1%	0
032.41	Potassium, ICP, Dry ash (%)	0083	0.97500	0.01000	0.95956	0.06333	0.02486	26	0.24	1%	0
032.41	Potassium, ICP, Dry ash (%)	0100	0.98500	0.05000	0.95956	0.06333	0.02486	26	0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.98500	0.01000	0.95956	0.06333	0.02486	26	0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.99250	0.00100	0.95956	0.06333	0.02486	26	0.52	2%	0
032.41	Potassium, ICP, Dry ash (%)	0878	0.99500	0.01000	0.95956	0.06333	0.02486	26	0.56	2%	0
032.41	Potassium, ICP, Dry ash (%)	0964	0.99850	0.07100	0.95956	0.06333	0.02486	26	0.61	2%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.0050	0.01000	0.95956	0.06333	0.02486	26	0.72	2%	0
032.41	Potassium, ICP, Dry ash (%)	0242	1.0100	0.00000	0.95956	0.06333	0.02486	26	0.80	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.0150	0.03000	0.95956	0.06333	0.02486	26	0.88	3%	0
032.41	Potassium, ICP, Dry ash (%)	0051	1.0187	0.00330	0.95956	0.06333	0.02486	26	0.93	3%	0
032.41	Potassium, ICP, Dry ash (%)	0300	1.0250	0.03800	0.95956	0.06333	0.02486	26	1.03	3%	0
032.41	Potassium, ICP, Dry ash (%)	0682	1.0400	0.02000	0.95956	0.06333	0.02486	26	1.27	4%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.0450	0.03000	0.95956	0.06333	0.02486	26	1.35	4%	0
032.41	Potassium, ICP, Dry ash (%)	0720	0.87000	0.20000	0.95956	0.06333	0.02486	26	-1.41	5%	1
032.42	Potassium, ICP, Open vessel (%)	0035	0.88025	0.01050	0.99929	0.05096	0.02592	15	-2.34	6%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.92000	0.02000	0.99929	0.05096	0.02592	15	-1.56	4%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.94850	0.00500	0.99929	0.05096	0.02592	15	-1.00	3%	0
032.42	Potassium, ICP, Open vessel (%)	0009	0.95560	0.01540	0.99929	0.05096	0.02592	15	-0.86	2%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.97500	0.01000	0.99929	0.05096	0.02592	15	-0.48	1%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.97500	0.01000	0.99929	0.05096	0.02592	15	-0.48	1%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.99500	0.05600	0.99929	0.05096	0.02592	15	-0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.0050	0.01000	0.99929	0.05096	0.02592	15	0.11	0%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.0050	0.03000	0.99929	0.05096	0.02592	15	0.11	0%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.0070	0.04600	0.99929	0.05096	0.02592	15	0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.0200	0.02000	0.99929	0.05096	0.02592	15	0.41	1%	0
032.42	Potassium, ICP, Open vessel (%)	0613	1.0250	0.01000	0.99929	0.05096	0.02592	15	0.50	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.0600	0.07590	0.99929	0.05096	0.02592	15	1.19	3%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.0700	0.06000	0.99929	0.05096	0.02592	15	1.39	4%	0
032.42	Potassium, ICP, Open vessel (%)	0106	1.0950	0.01000	0.99929	0.05096	0.02592	15	1.88	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	2012	0.80000	0.02000	0.99359	0.01719	0.02041	17	-11.26	10%	0
032.43	Potassium, ICP, Microwave (%)	2023	0.82350	0.00900	0.99359	0.01719	0.02041	17	-9.89	9%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.86650	0.00900	0.99359	0.01719	0.02041	17	-7.39	6%	0
032.43	Potassium, ICP, Microwave (%)	0294	0.96000	0.02000	0.99359	0.01719	0.02041	17	-1.95	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.98500	0.01000	0.99359	0.01719	0.02041	17	-0.50	0%	0
032.43	Potassium, ICP, Microwave (%)	0037	0.99000	0.06000	0.99359	0.01719	0.02041	17	-0.21	0%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.99000	0.00000	0.99359	0.01719	0.02041	17	-0.21	0%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.99000	0.00000	0.99359	0.01719	0.02041	17	-0.21	0%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.99500	0.09000	0.99359	0.01719	0.02041	17	0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.99700	0.02600	0.99359	0.01719	0.02041	17	0.20	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.99850	0.04300	0.99359	0.01719	0.02041	17	0.29	0%	0
032.43	Potassium, ICP, Microwave (%)	0021	1.0000	0.00000	0.99359	0.01719	0.02041	17	0.37	0%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.0000	0.00000	0.99359	0.01719	0.02041	17	0.37	0%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.0050	0.01000	0.99359	0.01719	0.02041	17	0.66	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.0150	0.01000	0.99359	0.01719	0.02041	17	1.25	1%	0
032.43	Potassium, ICP, Microwave (%)	0008	1.0200	0.00000	0.99359	0.01719	0.02041	17	1.54	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.0400	0.04000	0.99359	0.01719	0.02041	17	2.70	2%	0
032.43	Potassium, ICP, Microwave (%)	0042	1.0700	0.12000	0.99359	0.01719	0.02041	17	4.45	4%	1
032.44	Potassium, ICP, Dry ash (%)	2004	0.95450	0.00900			0.00900	1			
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.93845	0.01590			0.01590	1			
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.0116	0.03090			0.03090	1			
032.99	Potassium, Miscellaneous (%)	2006	0.70900	0.00600			0.00600	1			
033.00	Salt, Sol Cl (%)	2022	0.37500	0.01000	0.62775	0.05073	0.01237	38	-4.98	20%	0
033.00	Salt, Sol Cl (%)	0653	0.51050	0.00100	0.62775	0.05073	0.01237	38	-2.31	9%	0
033.00	Salt, Sol Cl (%)	2042	0.53000	0.00000	0.62775	0.05073	0.01237	38	-1.93	8%	0
033.00	Salt, Sol Cl (%)	0895	0.55500	0.01000	0.62775	0.05073	0.01237	38	-1.43	6%	0
033.00	Salt, Sol Cl (%)	0868	0.56500	0.01000	0.62775	0.05073	0.01237	38	-1.24	5%	0
033.00	Salt, Sol Cl (%)	2028	0.56750	0.00100	0.62775	0.05073	0.01237	38	-1.19	5%	0
033.00	Salt, Sol Cl (%)	2063	0.57500	0.01000	0.62775	0.05073	0.01237	38	-1.04	4%	0
033.00	Salt, Sol Cl (%)	2027	0.57510	0.00560	0.62775	0.05073	0.01237	38	-1.04	4%	0
033.00	Salt, Sol Cl (%)	2006	0.59700	0.01200	0.62775	0.05073	0.01237	38	-0.61	2%	0
033.00	Salt, Sol Cl (%)	0298	0.60000	0.02000	0.62775	0.05073	0.01237	38	-0.55	2%	0
033.00	Salt, Sol Cl (%)	0539	0.60000	0.00000	0.62775	0.05073	0.01237	38	-0.55	2%	0
033.00	Salt, Sol Cl (%)	0921	0.60000	0.00000	0.62775	0.05073	0.01237	38	-0.55	2%	0
033.00	Salt, Sol Cl (%)	0938	0.60000	0.02000	0.62775	0.05073	0.01237	38	-0.55	2%	0
033.00	Salt, Sol Cl (%)	2065	0.60500	0.01000	0.62775	0.05073	0.01237	38	-0.45	2%	0
033.00	Salt, Sol Cl (%)	0723	0.61000	0.00000	0.62775	0.05073	0.01237	38	-0.35	1%	0
033.00	Salt, Sol Cl (%)	0893	0.61500	0.01000	0.62775	0.05073	0.01237	38	-0.25	1%	0
033.00	Salt, Sol Cl (%)	0878	0.62000	0.02000	0.62775	0.05073	0.01237	38	-0.15	1%	0
033.00	Salt, Sol Cl (%)	0910	0.62000	0.04000	0.62775	0.05073	0.01237	38	-0.15	1%	0
033.00	Salt, Sol Cl (%)	2068	0.63000	0.00000	0.62775	0.05073	0.01237	38	0.04	0%	0
033.00	Salt, Sol Cl (%)	0891	0.63700	0.00600	0.62775	0.05073	0.01237	38	0.18	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
033.00	Salt, Sol Cl (%)	0885	0.64000	0.00000	0.62775	0.05073	0.01237	38	0.24	1%	0
033.00	Salt, Sol Cl (%)	2062	0.64100	0.02200	0.62775	0.05073	0.01237	38	0.26	1%	0
033.00	Salt, Sol Cl (%)	0309	0.64350	0.01100	0.62775	0.05073	0.01237	38	0.31	1%	0
033.00	Salt, Sol Cl (%)	2067	0.64350	0.00700	0.62775	0.05073	0.01237	38	0.31	1%	0
033.00	Salt, Sol Cl (%)	0849	0.64500	0.01000	0.62775	0.05073	0.01237	38	0.34	1%	0
033.00	Salt, Sol Cl (%)	0884	0.64500	0.03000	0.62775	0.05073	0.01237	38	0.34	1%	0
033.00	Salt, Sol Cl (%)	0894	0.65000	0.00000	0.62775	0.05073	0.01237	38	0.44	2%	0
033.00	Salt, Sol Cl (%)	2061	0.65000	0.00000	0.62775	0.05073	0.01237	38	0.44	2%	0
033.00	Salt, Sol Cl (%)	0881	0.65950	0.03300	0.62775	0.05073	0.01237	38	0.63	3%	0
033.00	Salt, Sol Cl (%)	0512	0.66045	0.02930	0.62775	0.05073	0.01237	38	0.64	3%	0
033.00	Salt, Sol Cl (%)	0683	0.67500	0.05000	0.62775	0.05073	0.01237	38	0.93	4%	0
033.00	Salt, Sol Cl (%)	0511	0.68000	0.02000	0.62775	0.05073	0.01237	38	1.03	4%	0
033.00	Salt, Sol Cl (%)	0896	0.68500	0.01000	0.62775	0.05073	0.01237	38	1.13	5%	0
033.00	Salt, Sol Cl (%)	0353	0.69000	0.02000	0.62775	0.05073	0.01237	38	1.23	5%	0
033.00	Salt, Sol Cl (%)	0366	0.69000	0.00000	0.62775	0.05073	0.01237	38	1.23	5%	0
033.00	Salt, Sol Cl (%)	0160	0.69650	0.00500	0.62775	0.05073	0.01237	38	1.36	5%	0
033.00	Salt, Sol Cl (%)	0675	0.71500	0.01000	0.62775	0.05073	0.01237	38	1.72	7%	0
033.00	Salt, Sol Cl (%)	0045	0.83750	0.02700	0.62775	0.05073	0.01237	38	4.13	17%	0
033.01	Salt, Poten Cl (%)	0083	0.41000	0.01000	0.69394	0.01756	0.01291	37	-16.17	20%	0
033.01	Salt, Poten Cl (%)	0596	0.62500	0.01000	0.69394	0.01756	0.01291	37	-3.93	5%	0
033.01	Salt, Poten Cl (%)	2006	0.63150	0.01300	0.69394	0.01756	0.01291	37	-3.56	4%	0
033.01	Salt, Poten Cl (%)	0861	0.65000	0.02000	0.69394	0.01756	0.01291	37	-2.50	3%	0
033.01	Salt, Poten Cl (%)	0106	0.66100	0.01200	0.69394	0.01756	0.01291	37	-1.88	2%	0
033.01	Salt, Poten Cl (%)	0011	0.66800	0.00960	0.69394	0.01756	0.01291	37	-1.48	2%	0
033.01	Salt, Poten Cl (%)	0229	0.67000	0.00000	0.69394	0.01756	0.01291	37	-1.36	2%	0
033.01	Salt, Poten Cl (%)	0629	0.67000	0.02000	0.69394	0.01756	0.01291	37	-1.36	2%	0
033.01	Salt, Poten Cl (%)	0939	0.67500	0.01000	0.69394	0.01756	0.01291	37	-1.08	1%	0
033.01	Salt, Poten Cl (%)	0948	0.68000	0.02000	0.69394	0.01756	0.01291	37	-0.79	1%	0
033.01	Salt, Poten Cl (%)	0001	0.68500	0.01000	0.69394	0.01756	0.01291	37	-0.51	1%	0
033.01	Salt, Poten Cl (%)	0242	0.68500	0.01000	0.69394	0.01756	0.01291	37	-0.51	1%	0
033.01	Salt, Poten Cl (%)	0354	0.68500	0.01000	0.69394	0.01756	0.01291	37	-0.51	1%	0
033.01	Salt, Poten Cl (%)	0226	0.69000	0.00000	0.69394	0.01756	0.01291	37	-0.22	0%	0
033.01	Salt, Poten Cl (%)	0205	0.69100	0.01000	0.69394	0.01756	0.01291	37	-0.17	0%	0
033.01	Salt, Poten Cl (%)	0407	0.69250	0.00100	0.69394	0.01756	0.01291	37	-0.08	0%	0
033.01	Salt, Poten Cl (%)	0098	0.69500	0.01000	0.69394	0.01756	0.01291	37	0.06	0%	0
033.01	Salt, Poten Cl (%)	0175	0.69500	0.01000	0.69394	0.01756	0.01291	37	0.06	0%	0
033.01	Salt, Poten Cl (%)	0413	0.69500	0.01000	0.69394	0.01756	0.01291	37	0.06	0%	0
033.01	Salt, Poten Cl (%)	0590	0.69500	0.01000	0.69394	0.01756	0.01291	37	0.06	0%	0
033.01	Salt, Poten Cl (%)	0682	0.69500	0.01000	0.69394	0.01756	0.01291	37	0.06	0%	0
033.01	Salt, Poten Cl (%)	0026	0.70000	0.00000	0.69394	0.01756	0.01291	37	0.34	0%	0
033.01	Salt, Poten Cl (%)	0164	0.70000	0.00000	0.69394	0.01756	0.01291	37	0.34	0%	0
033.01	Salt, Poten Cl (%)	0278	0.70000	0.00000	0.69394	0.01756	0.01291	37	0.34	0%	0

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			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
033.01	Salt, Poten Cl (%)	0510	0.70000	0.02000	0.69394	0.01756	0.01291	37	0.34	0%	0
033.01	Salt, Poten Cl (%)	0148	0.70200	0.00200	0.69394	0.01756	0.01291	37	0.46	1%	0
033.01	Salt, Poten Cl (%)	0039	0.70395	0.00510	0.69394	0.01756	0.01291	37	0.57	1%	0
033.01	Salt, Poten Cl (%)	0100	0.70500	0.01000	0.69394	0.01756	0.01291	37	0.63	1%	0
033.01	Salt, Poten Cl (%)	0650	0.70500	0.03000	0.69394	0.01756	0.01291	37	0.63	1%	0
033.01	Salt, Poten Cl (%)	0178	0.70600	0.00400	0.69394	0.01756	0.01291	37	0.69	1%	0
033.01	Salt, Poten Cl (%)	2023	0.71000	0.02000	0.69394	0.01756	0.01291	37	0.91	1%	0
033.01	Salt, Poten Cl (%)	0337	0.72000	0.04000	0.69394	0.01756	0.01291	37	1.48	2%	0
033.01	Salt, Poten Cl (%)	0683	0.73500	0.01000	0.69394	0.01756	0.01291	37	2.34	3%	0
033.01	Salt, Poten Cl (%)	0199	0.75000	0.10000	0.69394	0.01756	0.01291	37	3.19	4%	0
033.01	Salt, Poten Cl (%)	0874	0.75930	0.00100	0.69394	0.01756	0.01291	37	3.72	5%	0
033.01	Salt, Poten Cl (%)	0019	0.84500	0.01000	0.69394	0.01756	0.01291	37	8.60	11%	0
033.01	Salt, Poten Cl (%)	0674	0.90500	0.01000	0.69394	0.01756	0.01291	37	12.02	15%	0
033.01	Salt, Poten Cl (%)	0003	0.70000	0.20000	0.69394	0.01756	0.01291	37	0.34	0%	1
033.03	Salt, Quantab (%)	0265	0.02000	0.00000	0.50849	0.12523	0.03000	6	-3.90	48%	0
033.03	Salt, Quantab (%)	0848	0.42000	0.04000	0.50849	0.12523	0.03000	6	-0.71	9%	0
033.03	Salt, Quantab (%)	0505	0.52000	0.02000	0.50849	0.12523	0.03000	6	0.09	1%	0
033.03	Salt, Quantab (%)	0726	0.54000	0.00000	0.50849	0.12523	0.03000	6	0.25	3%	0
033.03	Salt, Quantab (%)	0144	0.59000	0.08000	0.50849	0.12523	0.03000	6	0.65	8%	0
033.03	Salt, Quantab (%)	0190	0.64000	0.04000	0.50849	0.12523	0.03000	6	1.05	13%	0
033.05	Salt, Ion Sel Electrode (%)	0937	0.62000	0.00000	0.66125	0.02955	0.00750	4	-1.40	3%	0
033.05	Salt, Ion Sel Electrode (%)	0004	0.66000	0.00000	0.66125	0.02955	0.00750	4	-0.04	0%	0
033.05	Salt, Ion Sel Electrode (%)	0868	0.68000	0.02000	0.66125	0.02955	0.00750	4	0.63	1%	0
033.05	Salt, Ion Sel Electrode (%)	0689	0.68500	0.01000	0.66125	0.02955	0.00750	4	0.80	2%	0
033.99	Salt, Miscellaneous (%)	0623	0.24950	0.01220	0.66314	0.09531	0.03598	10	-4.34	31%	0
033.99	Salt, Miscellaneous (%)	0552	0.57500	0.11000	0.66314	0.09531	0.03598	10	-0.92	7%	0
033.99	Salt, Miscellaneous (%)	0358	0.59500	0.01000	0.66314	0.09531	0.03598	10	-0.71	5%	0
033.99	Salt, Miscellaneous (%)	0964	0.63255	0.02750	0.66314	0.09531	0.03598	10	-0.32	2%	0
033.99	Salt, Miscellaneous (%)	2067	0.64350	0.00700	0.66314	0.09531	0.03598	10	-0.21	1%	0
033.99	Salt, Miscellaneous (%)	0673	0.68000	0.02000	0.66314	0.09531	0.03598	10	0.18	1%	0
033.99	Salt, Miscellaneous (%)	0619	0.68650	0.01100	0.66314	0.09531	0.03598	10	0.25	2%	0
033.99	Salt, Miscellaneous (%)	0647	0.70795	0.05010	0.66314	0.09531	0.03598	10	0.47	3%	0
033.99	Salt, Miscellaneous (%)	0208	0.80000	0.08200	0.66314	0.09531	0.03598	10	1.44	10%	0
033.99	Salt, Miscellaneous (%)	0681	1.0050	0.03000	0.66314	0.09531	0.03598	10	3.59	26%	0
034.01	Selenium, Fluor (ppm)	0038	0.62740	0.01320	0.65070	0.03295	0.02060	2	-0.71	2%	0
034.01	Selenium, Fluor (ppm)	0098	0.67400	0.02800	0.65070	0.03295	0.02060	2	0.71	2%	0
034.04	Selenium, AA, Hydride (ppm)	0169	0.50000	0.12000	0.63112	0.10470	0.04129	7	-1.25	10%	0
034.04	Selenium, AA, Hydride (ppm)	0171	0.55000	0.00000	0.63112	0.10470	0.04129	7	-0.77	6%	0
034.04	Selenium, AA, Hydride (ppm)	0610	0.60500	0.01000	0.63112	0.10470	0.04129	7	-0.25	2%	0
034.04	Selenium, AA, Hydride (ppm)	0208	0.61150	0.01500	0.63112	0.10470	0.04129	7	-0.19	2%	0
034.04	Selenium, AA, Hydride (ppm)	0164	0.66500	0.01000	0.63112	0.10470	0.04129	7	0.32	3%	0
034.04	Selenium, AA, Hydride (ppm)	0563	0.73800	0.02400	0.63112	0.10470	0.04129	7	1.02	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
034.04	Selenium, AA, Hydride (ppm)	0596	2.1750	0.11000	0.63112	0.10470	0.04129	7	14.75	122%	0
034.32	Selenium, AAS, Open vessel (ppm)	0939	0.52000	0.08000			0.08000	1			
034.41	Selenium, ICP, Dry ash (ppm)	0619	0.52950	0.01300			0.01300	1			
034.43	Selenium, ICP, Microwave (ppm)	0021	0.00000	0.00000	0.31000	0.43841	0.02000	2	-0.71	50%	0
034.43	Selenium, ICP, Microwave (ppm)	0003	0.62000	0.04000	0.31000	0.43841	0.02000	2	0.71	50%	0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0098	0.68200	0.00600	0.75600	0.07400	0.08733	3	-1.00	5%	0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0154	0.75600	0.11600	0.75600	0.07400	0.08733	3	0.00	0%	0
034.52	Selenium, ICP-MS, Open vessel (ppm)	0047	0.83000	0.14000	0.75600	0.07400	0.08733	3	1.00	5%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0918	0.39085	0.00030	0.53806	0.11339	0.04588	6	-1.30	14%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0199	0.45000	0.10000	0.53806	0.11339	0.04588	6	-0.78	8%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0168	0.55400	0.01000	0.53806	0.11339	0.04588	6	0.14	1%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	2055	0.56000	0.04000	0.53806	0.11339	0.04588	6	0.19	2%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	0553	0.62350	0.02500	0.53806	0.11339	0.04588	6	0.75	8%	0
034.53	Selenium, ICP-MS, Microwave (ppm)	2023	0.65000	0.10000	0.53806	0.11339	0.04588	6	0.99	10%	0
034.99	Selenium, Miscellaneous (ppm)	0190	0.51000	0.02000			0.02000	1			
035.01	Sodium, Ion Sel Electrode (%)	2006	0.22400	0.01200	0.24417	0.01768	0.00633	3	-1.14	4%	0
035.01	Sodium, Ion Sel Electrode (%)	0138	0.25150	0.00500	0.24417	0.01768	0.00633	3	0.41	2%	0
035.01	Sodium, Ion Sel Electrode (%)	0868	0.25700	0.00200	0.24417	0.01768	0.00633	3	0.73	3%	0
035.02	Sodium, Em Spect (%)	0884	0.24000	0.00000			0.00000	1			
035.05	Sodium, Flame Emission (%)	0139	0.22100	0.00400	0.24454	0.01871	0.00636	7	-1.26	5%	0
035.05	Sodium, Flame Emission (%)	0951	0.22850	0.00500	0.24454	0.01871	0.00636	7	-0.86	3%	0
035.05	Sodium, Flame Emission (%)	0108	0.24000	0.00000	0.24454	0.01871	0.00636	7	-0.24	1%	0
035.05	Sodium, Flame Emission (%)	0152	0.24500	0.01000	0.24454	0.01871	0.00636	7	0.02	0%	0
035.05	Sodium, Flame Emission (%)	0881	0.25200	0.00600	0.24454	0.01871	0.00636	7	0.40	2%	0
035.05	Sodium, Flame Emission (%)	0337	0.25595	0.01050	0.24454	0.01871	0.00636	7	0.61	2%	0
035.05	Sodium, Flame Emission (%)	0066	0.26950	0.00900	0.24454	0.01871	0.00636	7	1.33	5%	0
035.05	Sodium, Flame Emission (%)	0590	0.28000	0.04000	0.24454	0.01871	0.00636	7	1.89	7%	1
035.31	Sodium, AAS, Dry ash (%)	0175	0.20000	0.02000	0.24070	0.01803	0.00796	21	-2.26	8%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.20225	0.01150	0.24070	0.01803	0.00796	21	-2.13	8%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.21500	0.01000	0.24070	0.01803	0.00796	21	-1.42	5%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.22000	0.00000	0.24070	0.01803	0.00796	21	-1.15	4%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.22500	0.01000	0.24070	0.01803	0.00796	21	-0.87	3%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.22700	0.01400	0.24070	0.01803	0.00796	21	-0.76	3%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.23400	0.00340	0.24070	0.01803	0.00796	21	-0.37	1%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.23500	0.01000	0.24070	0.01803	0.00796	21	-0.32	1%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.24000	0.00000	0.24070	0.01803	0.00796	21	-0.04	0%	0
035.31	Sodium, AAS, Dry ash (%)	0673	0.24000	0.04000	0.24070	0.01803	0.00796	21	-0.04	0%	0
035.31	Sodium, AAS, Dry ash (%)	0065	0.24090	0.00020	0.24070	0.01803	0.00796	21	0.01	0%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.24700	0.00000	0.24070	0.01803	0.00796	21	0.35	1%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.24750	0.00500	0.24070	0.01803	0.00796	21	0.38	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.25000	0.02000	0.24070	0.01803	0.00796	21	0.52	2%	0
035.31	Sodium, AAS, Dry ash (%)	0596	0.25000	0.00000	0.24070	0.01803	0.00796	21	0.52	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
035.31	Sodium, AAS, Dry ash (%)	0650	0.25000	0.00000	0.24070	0.01803	0.00796	21	0.52	2%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.25200	0.00400	0.24070	0.01803	0.00796	21	0.63	2%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.25850	0.00300	0.24070	0.01803	0.00796	21	0.99	4%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.25850	0.00300	0.24070	0.01803	0.00796	21	0.99	4%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.26500	0.01000	0.24070	0.01803	0.00796	21	1.35	5%	0
035.31	Sodium, AAS, Dry ash (%)	0178	0.28850	0.00300	0.24070	0.01803	0.00796	21	2.65	10%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.23750	0.04300	0.24070	0.01803	0.00796	21	-0.18	1%	1
035.32	Sodium, AAS, Open vessel (%)	0609	0.24500	0.01000	0.27309	0.02564	0.01373	4	-1.10	5%	0
035.32	Sodium, AAS, Open vessel (%)	0035	0.26230	0.03460	0.27309	0.02564	0.01373	4	-0.42	2%	0
035.32	Sodium, AAS, Open vessel (%)	0263	0.28005	0.00030	0.27309	0.02564	0.01373	4	0.27	1%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.30500	0.01000	0.27309	0.02564	0.01373	4	1.24	6%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.21750	0.01500	0.24279	0.01561	0.00672	36	-1.62	5%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.22000	0.00000	0.24279	0.01561	0.00672	36	-1.46	5%	0
035.41	Sodium, ICP, Dry ash (%)	0242	0.22000	0.00000	0.24279	0.01561	0.00672	36	-1.46	5%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.22350	0.00260	0.24279	0.01561	0.00672	36	-1.24	4%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.22500	0.01000	0.24279	0.01561	0.00672	36	-1.14	4%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.23000	0.02000	0.24279	0.01561	0.00672	36	-0.82	3%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.23000	0.00000	0.24279	0.01561	0.00672	36	-0.82	3%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.23000	0.00000	0.24279	0.01561	0.00672	36	-0.82	3%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.23000	0.00000	0.24279	0.01561	0.00672	36	-0.82	3%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.23200	0.01200	0.24279	0.01561	0.00672	36	-0.69	2%	0
035.41	Sodium, ICP, Dry ash (%)	0553	0.23300	0.00400	0.24279	0.01561	0.00672	36	-0.63	2%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.23390	0.00260	0.24279	0.01561	0.00672	36	-0.57	2%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.23500	0.01000	0.24279	0.01561	0.00672	36	-0.50	2%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.23600	0.00800	0.24279	0.01561	0.00672	36	-0.44	1%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.23900	0.00200	0.24279	0.01561	0.00672	36	-0.24	1%	0
035.41	Sodium, ICP, Dry ash (%)	0610	0.24000	0.00000	0.24279	0.01561	0.00672	36	-0.18	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.24150	0.00100	0.24279	0.01561	0.00672	36	-0.08	0%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.24250	0.00500	0.24279	0.01561	0.00672	36	-0.02	0%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.24500	0.01000	0.24279	0.01561	0.00672	36	0.14	0%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.24500	0.01000	0.24279	0.01561	0.00672	36	0.14	0%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.24500	0.01000	0.24279	0.01561	0.00672	36	0.14	0%	0
035.41	Sodium, ICP, Dry ash (%)	0964	0.24830	0.01180	0.24279	0.01561	0.00672	36	0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.24875	0.00790	0.24279	0.01561	0.00672	36	0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0512	0.24955	0.00410	0.24279	0.01561	0.00672	36	0.43	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.25000	0.00000	0.24279	0.01561	0.00672	36	0.46	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.25000	0.02000	0.24279	0.01561	0.00672	36	0.46	1%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.25500	0.01000	0.24279	0.01561	0.00672	36	0.78	3%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.25500	0.01000	0.24279	0.01561	0.00672	36	0.78	3%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.25500	0.01000	0.24279	0.01561	0.00672	36	0.78	3%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.25850	0.00300	0.24279	0.01561	0.00672	36	1.01	3%	0
035.41	Sodium, ICP, Dry ash (%)	0100	0.26000	0.02000	0.24279	0.01561	0.00672	36	1.10	4%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
035.41	Sodium, ICP, Dry ash (%)	0511	0.26000	0.00000	0.24279	0.01561	0.00672	36	1.10	4%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.26050	0.00100	0.24279	0.01561	0.00672	36	1.13	4%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.26300	0.01000	0.24279	0.01561	0.00672	36	1.29	4%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.26500	0.01000	0.24279	0.01561	0.00672	36	1.42	5%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.26900	0.00200	0.24279	0.01561	0.00672	36	1.68	5%	0
035.42	Sodium, ICP, Open vessel (%)	0106	0.17600	0.00200	0.24828	0.01806	0.00773	13	-4.00	15%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.21280	0.00100	0.24828	0.01806	0.00773	13	-1.96	7%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.23500	0.01800	0.24828	0.01806	0.00773	13	-0.74	3%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.24350	0.00100	0.24828	0.01806	0.00773	13	-0.26	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.24500	0.01000	0.24828	0.01806	0.00773	13	-0.18	1%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.24500	0.01000	0.24828	0.01806	0.00773	13	-0.18	1%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.24820	0.00140	0.24828	0.01806	0.00773	13	0.00	0%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.25000	0.00000	0.24828	0.01806	0.00773	13	0.10	0%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.25300	0.02200	0.24828	0.01806	0.00773	13	0.26	1%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.26000	0.00000	0.24828	0.01806	0.00773	13	0.65	2%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.26000	0.00000	0.24828	0.01806	0.00773	13	0.65	2%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.26955	0.01510	0.24828	0.01806	0.00773	13	1.18	4%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.29000	0.02000	0.24828	0.01806	0.00773	13	2.31	8%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.22000	0.06000	0.24828	0.01806	0.00773	13	-1.57	6%	1
035.43	Sodium, ICP, Microwave (%)	0629	0.23500	0.01000	0.24519	0.00500	0.00708	12	-2.04	2%	0
035.43	Sodium, ICP, Microwave (%)	2012	0.23500	0.01000	0.24519	0.00500	0.00708	12	-2.04	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.24050	0.02100	0.24519	0.00500	0.00708	12	-0.94	1%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.24450	0.00300	0.24519	0.00500	0.00708	12	-0.14	0%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.24500	0.01000	0.24519	0.00500	0.00708	12	-0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0294	0.24500	0.01000	0.24519	0.00500	0.00708	12	-0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.24500	0.01000	0.24519	0.00500	0.00708	12	-0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.24700	0.00200	0.24519	0.00500	0.00708	12	0.36	0%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.24700	0.00200	0.24519	0.00500	0.00708	12	0.36	0%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.24900	0.00200	0.24519	0.00500	0.00708	12	0.76	1%	0
035.43	Sodium, ICP, Microwave (%)	0008	0.25100	0.00200	0.24519	0.00500	0.00708	12	1.16	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.25650	0.00300	0.24519	0.00500	0.00708	12	2.26	2%	0
035.43	Sodium, ICP, Microwave (%)	0042	0.28350	0.04100	0.24519	0.00500	0.00708	12	7.66	8%	1
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.22195	0.00650			0.00650	1			
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.24075	0.00650	0.25038	0.01361	0.00325	2	-0.71	2%	0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.26000	0.00000	0.25038	0.01361	0.00325	2	0.71	2%	0
036.04	Sulfur, LECO (%)	0229	0.15500	0.01000	0.16333	0.00764	0.00667	3	-1.09	3%	0
036.04	Sulfur, LECO (%)	0226	0.16500	0.01000	0.16333	0.00764	0.00667	3	0.22	1%	0
036.04	Sulfur, LECO (%)	0098	0.17000	0.00000	0.16333	0.00764	0.00667	3	0.87	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.15500	0.01000	0.16895	0.01083	0.00469	15	-1.29	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.15500	0.01000	0.16895	0.01083	0.00469	15	-1.29	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.16000	0.00000	0.16895	0.01083	0.00469	15	-0.83	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.16000	0.00000	0.16895	0.01083	0.00469	15	-0.83	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
036.42	Sulfur, ICP, Open vessel (%)	0045	0.16500	0.01400	0.16895	0.01083	0.00469	15	-0.36	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0242	0.16500	0.01000	0.16895	0.01083	0.00469	15	-0.36	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.16500	0.01000	0.16895	0.01083	0.00469	15	-0.36	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.16650	0.00300	0.16895	0.01083	0.00469	15	-0.23	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.17000	0.00000	0.16895	0.01083	0.00469	15	0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.17000	0.00000	0.16895	0.01083	0.00469	15	0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0106	0.18000	0.00400	0.16895	0.01083	0.00469	15	1.02	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.18000	0.00000	0.16895	0.01083	0.00469	15	1.02	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.18080	0.00780	0.16895	0.01083	0.00469	15	1.09	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.20100	0.00000	0.16895	0.01083	0.00469	15	2.96	9%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.27185	0.00150	0.16895	0.01083	0.00469	15	9.50	30%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.15000	0.00000	0.17048	0.01000	0.00215	11	-2.05	6%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.15300	0.00000	0.17048	0.01000	0.00215	11	-1.75	5%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.16450	0.00100	0.17048	0.01000	0.00215	11	-0.60	2%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.16900	0.00600	0.17048	0.01000	0.00215	11	-0.15	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.16960	0.00160	0.17048	0.01000	0.00215	11	-0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.17000	0.00000	0.17048	0.01000	0.00215	11	-0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.17000	0.00000	0.17048	0.01000	0.00215	11	-0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.17000	0.00000	0.17048	0.01000	0.00215	11	-0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	0021	0.18500	0.01000	0.17048	0.01000	0.00215	11	1.45	4%	0
036.43	Sulfur, ICP, Microwave (%)	0294	0.19000	0.00000	0.17048	0.01000	0.00215	11	1.95	6%	0
036.43	Sulfur, ICP, Microwave (%)	0042	0.26150	0.00500	0.17048	0.01000	0.00215	11	9.10	27%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.15800	0.01600	0.17048	0.01000	0.00215	11	-1.25	4%	1
037.31	Zinc, AAS, Dry ash (ppm)	0921	82.050	3.1000	125.37	6.9622	3.1499	22	-6.22	17%	0
037.31	Zinc, AAS, Dry ash (ppm)	0178	105.45	0.30000	125.37	6.9622	3.1499	22	-2.86	8%	0
037.31	Zinc, AAS, Dry ash (ppm)	0175	109.50	9.0000	125.37	6.9622	3.1499	22	-2.28	6%	0
037.31	Zinc, AAS, Dry ash (ppm)	0874	110.00	0.00000	125.37	6.9622	3.1499	22	-2.21	6%	0
037.31	Zinc, AAS, Dry ash (ppm)	2022	112.00	2.0000	125.37	6.9622	3.1499	22	-1.92	5%	0
037.31	Zinc, AAS, Dry ash (ppm)	0596	116.78	7.3800	125.37	6.9622	3.1499	22	-1.23	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0354	122.28	0.49000	125.37	6.9622	3.1499	22	-0.45	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0723	124.00	0.00000	125.37	6.9622	3.1499	22	-0.20	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0629	125.00	0.00000	125.37	6.9622	3.1499	22	-0.05	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0868	125.00	0.00000	125.37	6.9622	3.1499	22	-0.05	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0039	126.24	1.6989	125.37	6.9622	3.1499	22	0.12	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0866	126.90	4.0200	125.37	6.9622	3.1499	22	0.22	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0951	127.75	3.9000	125.37	6.9622	3.1499	22	0.34	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0505	128.50	3.0000	125.37	6.9622	3.1499	22	0.45	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	128.55	1.0900	125.37	6.9622	3.1499	22	0.46	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	129.90	0.00000	125.37	6.9622	3.1499	22	0.65	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0066	130.28	3.4180	125.37	6.9622	3.1499	22	0.70	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0208	131.00	0.00000	125.37	6.9622	3.1499	22	0.81	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0653	131.35	2.1000	125.37	6.9622	3.1499	22	0.86	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
037.31	Zinc, AAS, Dry ash (ppm)	0563	131.50	1.0000	125.37	6.9622	3.1499	22	0.88	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0673	133.00	14.000	125.37	6.9622	3.1499	22	1.10	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0674	137.41	12.800	125.37	6.9622	3.1499	22	1.73	5%	0
037.32	Zinc, AAS, Open vessel (ppm)	0035	128.20	9.2000	137.53	7.6499	3.8375	4	-1.22	3%	0
037.32	Zinc, AAS, Open vessel (ppm)	0504	135.85	2.3000	137.53	7.6499	3.8375	4	-0.22	1%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	139.50	3.0000	137.53	7.6499	3.8375	4	0.26	1%	0
037.32	Zinc, AAS, Open vessel (ppm)	0609	146.58	0.85000	137.53	7.6499	3.8375	4	1.18	3%	0
037.33	Zinc, AAS, Microwave (ppm)	0948	126.64	1.3900	151.69	35.437	26.945	2	-0.71	8%	0
037.33	Zinc, AAS, Microwave (ppm)	0504	176.75	52.500	151.69	35.437	26.945	2	0.71	8%	0
037.41	Zinc, ICP, Dry ash (ppm)	0405	103.00	4.0000	129.52	8.3509	3.4161	30	-3.18	10%	0
037.41	Zinc, ICP, Dry ash (ppm)	0164	110.50	1.0000	129.52	8.3509	3.4161	30	-2.28	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0051	112.35	0.40000	129.52	8.3509	3.4161	30	-2.06	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0878	120.00	0.00000	129.52	8.3509	3.4161	30	-1.14	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0553	121.00	2.0000	129.52	8.3509	3.4161	30	-1.02	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0511	121.50	5.0000	129.52	8.3509	3.4161	30	-0.96	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	123.50	5.0000	129.52	8.3509	3.4161	30	-0.72	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	124.00	2.0000	129.52	8.3509	3.4161	30	-0.66	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	124.00	0.00000	129.52	8.3509	3.4161	30	-0.66	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0074	125.00	6.0000	129.52	8.3509	3.4161	30	-0.54	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	125.04	2.2300	129.52	8.3509	3.4161	30	-0.54	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	127.50	9.0000	129.52	8.3509	3.4161	30	-0.24	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	128.00	8.6000	129.52	8.3509	3.4161	30	-0.18	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	128.53	1.7400	129.52	8.3509	3.4161	30	-0.12	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	130.00	4.0000	129.52	8.3509	3.4161	30	0.06	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0242	130.00	8.0000	129.52	8.3509	3.4161	30	0.06	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0512	130.45	3.5000	129.52	8.3509	3.4161	30	0.11	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0208	130.50	3.0000	129.52	8.3509	3.4161	30	0.12	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	132.60	1.0000	129.52	8.3509	3.4161	30	0.37	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0100	133.50	3.0000	129.52	8.3509	3.4161	30	0.48	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0300	133.99	0.92100	129.52	8.3509	3.4161	30	0.54	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	134.40	2.0000	129.52	8.3509	3.4161	30	0.58	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0011	134.95	2.0050	129.52	8.3509	3.4161	30	0.65	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0720	135.02	4.4360	129.52	8.3509	3.4161	30	0.66	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0682	136.98	0.91000	129.52	8.3509	3.4161	30	0.89	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	138.87	2.5400	129.52	8.3509	3.4161	30	1.12	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	139.50	5.0000	129.52	8.3509	3.4161	30	1.20	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0003	140.00	6.0000	129.52	8.3509	3.4161	30	1.25	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0083	141.50	5.0000	129.52	8.3509	3.4161	30	1.43	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0964	144.20	4.2000	129.52	8.3509	3.4161	30	1.76	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	128.25	6.8640	137.35	8.8010	3.4929	15	-1.03	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	128.50	1.0000	137.35	8.8010	3.4929	15	-1.01	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0613	128.50	7.0000	137.35	8.8010	3.4929	15	-1.01	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
037.42	Zinc, ICP, Open vessel (ppm)	0187	129.05	0.95000	137.35	8.8010	3.4929	15	-0.94	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	129.50	1.0000	137.35	8.8010	3.4929	15	-0.89	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	132.55	4.3000	137.35	8.8010	3.4929	15	-0.54	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	135.50	1.0000	137.35	8.8010	3.4929	15	-0.21	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0560	138.00	8.0000	137.35	8.8010	3.4929	15	0.07	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0202	140.52	2.9500	137.35	8.8010	3.4929	15	0.36	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	141.07	0.73000	137.35	8.8010	3.4929	15	0.42	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	141.50	1.0000	137.35	8.8010	3.4929	15	0.47	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	143.30	4.6000	137.35	8.8010	3.4929	15	0.68	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	143.50	9.0000	137.35	8.8010	3.4929	15	0.70	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0413	152.00	2.0000	137.35	8.8010	3.4929	15	1.67	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0106	159.00	2.0000	137.35	8.8010	3.4929	15	2.46	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	119.50	1.0000	132.13	8.2422	5.1547	19	-1.53	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0629	121.50	3.0000	132.13	8.2422	5.1547	19	-1.29	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	124.15	13.670	132.13	8.2422	5.1547	19	-0.97	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0168	125.00	10.000	132.13	8.2422	5.1547	19	-0.86	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2023	125.00	4.0000	132.13	8.2422	5.1547	19	-0.86	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	129.50	1.0000	132.13	8.2422	5.1547	19	-0.32	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	130.00	4.0000	132.13	8.2422	5.1547	19	-0.26	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2012	130.35	1.8000	132.13	8.2422	5.1547	19	-0.22	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	130.53	0.11000	132.13	8.2422	5.1547	19	-0.19	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0294	130.83	2.4600	132.13	8.2422	5.1547	19	-0.16	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	132.50	9.0000	132.13	8.2422	5.1547	19	0.05	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	133.90	1.2000	132.13	8.2422	5.1547	19	0.22	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0008	134.50	3.0000	132.13	8.2422	5.1547	19	0.29	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0021	135.00	10.000	132.13	8.2422	5.1547	19	0.35	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	138.00	4.0000	132.13	8.2422	5.1547	19	0.71	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	138.50	11.000	132.13	8.2422	5.1547	19	0.77	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	145.85	4.7000	132.13	8.2422	5.1547	19	1.66	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	157.50	1.0000	132.13	8.2422	5.1547	19	3.08	10%	0
037.43	Zinc, ICP, Microwave (ppm)	0042	160.50	13.000	132.13	8.2422	5.1547	19	3.44	11%	0
037.44	Zinc, ICP, Dry ash (ppm)	2004	128.50	7.0000			7.0000	1			
037.52	Zinc, ICP-MS, Open vessel (ppm)	0154	134.05	6.4300			6.4300	1			
037.53	Zinc, ICP-MS, Microwave (ppm)	0199	104.00	2.0000	117.25	18.738	7.5000	2	-0.71	6%	0
037.53	Zinc, ICP-MS, Microwave (ppm)	0572	130.50	13.000	117.25	18.738	7.5000	2	0.71	6%	0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	1.6000	0.18000	1.9212	0.45315	0.13200	3	-0.71	8%	0
038.41	Molybdenum, ICP, Dry ash (ppm)	0011	1.7240	0.05500	1.9212	0.45315	0.13200	3	-0.44	5%	0
038.41	Molybdenum, ICP, Dry ash (ppm)	0964	2.4395	0.16100	1.9212	0.45315	0.13200	3	1.14	13%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0560	1.6800	0.10000	1.9050	0.31820	0.05000	2	-0.71	6%	0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	2.1300	0.00000	1.9050	0.31820	0.05000	2	0.71	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0021	0.00000	0.00000	2.0271	0.43627	0.04500	6	-4.65	50%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	1.7450	0.05000	2.0271	0.43627	0.04500	6	-0.65	7%	0



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038.43	Molybdenum, ICP, Microwave (ppm)	0345	1.9100	0.02000	2.0271	0.43627	0.04500	6	-0.27	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0003	2.2600	0.12000	2.0271	0.43627	0.04500	6	0.53	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	2.3000	0.00000	2.0271	0.43627	0.04500	6	0.63	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	2.4800	0.08000	2.0271	0.43627	0.04500	6	1.04	11%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0038	2.6000	0.60000	2.0271	0.43627	0.04500	6	1.31	14%	1
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0098	1.4535	0.23700	1.9393	0.68695	0.41350	2	-0.71	13%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0154	2.4250	0.59000	1.9393	0.68695	0.41350	2	0.71	13%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	2023	1.5350	0.01000	2.0943	0.59996	0.04333	3	-0.93	13%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	2.0200	0.12000	2.0943	0.59996	0.04333	3	-0.12	2%	0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0918	2.7280	0.00000	2.0943	0.59996	0.04333	3	1.06	15%	0
040.42	Barium, ICP, Open vessel (ppm)	0560	16.750	0.90000			0.90000	1			
040.43	Barium, ICP, Microwave (ppm)	0918	15.851	0.00100			0.00100	1			
041.43	Vanadium, ICP, Microwave (ppm)	0021	0.00000	0.00000			0.00000	1			
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	0.21000	0.00800			0.00800	1			
051.00	Chlortetracycline, Plate (g / ton)	0148	78.610	1.6000	83.279	3.6543	5.2094	5	-1.28	3%	0
051.00	Chlortetracycline, Plate (g / ton)	0964	80.715	8.0700	83.279	3.6543	5.2094	5	-0.70	2%	0
051.00	Chlortetracycline, Plate (g / ton)	0511	84.000	4.0000	83.279	3.6543	5.2094	5	0.20	0%	0
051.00	Chlortetracycline, Plate (g / ton)	0035	85.250	2.7000	83.279	3.6543	5.2094	5	0.54	1%	0
051.00	Chlortetracycline, Plate (g / ton)	0218	87.822	9.6770	83.279	3.6543	5.2094	5	1.24	3%	0
051.03	Chlortetracycline, LC (g / ton)	0004	39.000	0.00000	79.941	11.584	4.3273	11	-3.53	26%	0
051.03	Chlortetracycline, LC (g / ton)	0512	69.105	2.1500	79.941	11.584	4.3273	11	-0.94	7%	0
051.03	Chlortetracycline, LC (g / ton)	0917	71.000	8.0000	79.941	11.584	4.3273	11	-0.77	6%	0
051.03	Chlortetracycline, LC (g / ton)	0036	76.800	1.2000	79.941	11.584	4.3273	11	-0.27	2%	0
051.03	Chlortetracycline, LC (g / ton)	0033	78.800	4.8000	79.941	11.584	4.3273	11	-0.10	1%	0
051.03	Chlortetracycline, LC (g / ton)	0032	78.900	5.0000	79.941	11.584	4.3273	11	-0.09	1%	0
051.03	Chlortetracycline, LC (g / ton)	0013	81.850	14.300	79.941	11.584	4.3273	11	0.16	1%	0
051.03	Chlortetracycline, LC (g / ton)	0001	81.950	2.9000	79.941	11.584	4.3273	11	0.17	1%	0
051.03	Chlortetracycline, LC (g / ton)	0910	88.905	7.2500	79.941	11.584	4.3273	11	0.77	6%	0
051.03	Chlortetracycline, LC (g / ton)	0875	93.000	2.0000	79.941	11.584	4.3273	11	1.13	8%	0
051.03	Chlortetracycline, LC (g / ton)	0034	106.00	0.00000	79.941	11.584	4.3273	11	2.25	16%	0
051.99	Chlortetracycline, Miscellaneous (g / ton)	2055	72.150	14.500	74.975	3.9952	8.3500	2	-0.71	2%	0
051.99	Chlortetracycline, Miscellaneous (g / ton)	0613	77.800	2.2000	74.975	3.9952	8.3500	2	0.71	2%	0
073.04	Oxytetracycline, LC (g / ton)	0613	10.000	0.00000			0.00000	1			
101.01	Choline Chloride, Chem (mg / lb)	2004	302.00	2.0000			2.0000	1			
104.00	Riboflavin, Fluorometer (mg / lb)	0171	1.0900	0.00000			0.00000	1			
104.03	Riboflavin, LC (mg / lb)	2023	1.1900	0.02000			0.02000	1			
105.00	Thiamine, LC (mg / lb)	2023	1.8250	0.09000			0.09000	1			
106.00	Vitamin A, Colorimeter (KU / lb)	0171	4.0000	0.20000			0.20000	1			
106.01	Vitamin A, UV (KU / lb)	0098	4.6350	0.21000			0.21000	1			
106.02	Vitamin A, LC (KU / lb)	2055	1.7500	0.50000	3.8827	0.67607	0.25596	19	-3.15	27%	0
106.02	Vitamin A, LC (KU / lb)	0905	2.8550	0.19000	3.8827	0.67607	0.25596	19	-1.52	13%	0
106.02	Vitamin A, LC (KU / lb)	0675	3.0500	0.10000	3.8827	0.67607	0.25596	19	-1.23	11%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
106.02	Vitamin A, LC (KU / lb)	0921	3.4050	0.13000	3.8827	0.67607	0.25596	19	-0.71	6%	0
106.02	Vitamin A, LC (KU / lb)	2004	3.4900	0.24000	3.8827	0.67607	0.25596	19	-0.58	5%	0
106.02	Vitamin A, LC (KU / lb)	2067	3.5870	0.02000	3.8827	0.67607	0.25596	19	-0.44	4%	0
106.02	Vitamin A, LC (KU / lb)	0861	3.6135	0.31900	3.8827	0.67607	0.25596	19	-0.40	3%	0
106.02	Vitamin A, LC (KU / lb)	0676	3.6250	0.31000	3.8827	0.67607	0.25596	19	-0.38	3%	0
106.02	Vitamin A, LC (KU / lb)	0004	3.7450	0.19000	3.8827	0.67607	0.25596	19	-0.20	2%	0
106.02	Vitamin A, LC (KU / lb)	2066	3.7650	0.11000	3.8827	0.67607	0.25596	19	-0.17	2%	0
106.02	Vitamin A, LC (KU / lb)	0563	4.2043	0.23430	3.8827	0.67607	0.25596	19	0.48	4%	0
106.02	Vitamin A, LC (KU / lb)	0003	4.2100	0.54000	3.8827	0.67607	0.25596	19	0.48	4%	0
106.02	Vitamin A, LC (KU / lb)	0910	4.2200	0.36000	3.8827	0.67607	0.25596	19	0.50	4%	0
106.02	Vitamin A, LC (KU / lb)	2023	4.2650	0.73000	3.8827	0.67607	0.25596	19	0.57	5%	0
106.02	Vitamin A, LC (KU / lb)	0034	4.3400	0.00000	3.8827	0.67607	0.25596	19	0.68	6%	0
106.02	Vitamin A, LC (KU / lb)	0208	4.4000	0.08000	3.8827	0.67607	0.25596	19	0.77	7%	0
106.02	Vitamin A, LC (KU / lb)	0227	4.5600	0.42000	3.8827	0.67607	0.25596	19	1.00	9%	0
106.02	Vitamin A, LC (KU / lb)	0610	5.1500	0.30000	3.8827	0.67607	0.25596	19	1.87	16%	0
106.02	Vitamin A, LC (KU / lb)	0689	5.2150	0.09000	3.8827	0.67607	0.25596	19	1.97	17%	0
108.01	Vitamin D3, LC (KU / lb)	2023	0.32500	0.05000			0.05000	1			
108.02	Vitamin D3, LC (KU / lb)	0675	0.26000	0.04000	0.62500	0.51619	0.19000	2	-0.71	29%	0
108.02	Vitamin D3, LC (KU / lb)	0227	0.99000	0.34000	0.62500	0.51619	0.19000	2	0.71	29%	0
108.99	Vitamin D3, Miscellaneous (KU / lb)	2004	0.42900	0.00800			0.00800	1			
109.02	Vitamin E, LC (mg / kg)	0098	0.00000	0.00000	45.485	9.8475	2.0890	10	-4.62	50%	0
109.02	Vitamin E, LC (mg / kg)	2067	31.000	0.00000	45.485	9.8475	2.0890	10	-1.47	16%	0
109.02	Vitamin E, LC (mg / kg)	0208	39.950	3.0000	45.485	9.8475	2.0890	10	-0.56	6%	0
109.02	Vitamin E, LC (mg / kg)	0676	43.245	0.19000	45.485	9.8475	2.0890	10	-0.23	2%	0
109.02	Vitamin E, LC (mg / kg)	0905	46.000	6.0000	45.485	9.8475	2.0890	10	0.05	1%	0
109.02	Vitamin E, LC (mg / kg)	2023	48.150	3.7000	45.485	9.8475	2.0890	10	0.27	3%	0
109.02	Vitamin E, LC (mg / kg)	0861	49.500	1.0000	45.485	9.8475	2.0890	10	0.41	4%	0
109.02	Vitamin E, LC (mg / kg)	0910	53.500	1.6000	45.485	9.8475	2.0890	10	0.81	9%	0
109.02	Vitamin E, LC (mg / kg)	0610	54.500	5.0000	45.485	9.8475	2.0890	10	0.92	10%	0
109.02	Vitamin E, LC (mg / kg)	0227	56.000	0.40000	45.485	9.8475	2.0890	10	1.07	12%	0
109.02	Vitamin E, LC (mg / kg)	0675	86.890	12.080	45.485	9.8475	2.0890	10	4.20	46%	1
109.99	Vitamin E, Miscellaneous (mg / kg)	2067	28.210	0.00000			0.00000	1			
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.56500	0.01000	0.63413	0.01677	0.00963	16	-4.12	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.60000	0.02000	0.63413	0.01677	0.00963	16	-2.03	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.61900	0.00400	0.63413	0.01677	0.00963	16	-0.90	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.62000	0.00000	0.63413	0.01677	0.00963	16	-0.84	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.62650	0.00100	0.63413	0.01677	0.00963	16	-0.45	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.62700	0.00800	0.63413	0.01677	0.00963	16	-0.42	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.62900	0.00400	0.63413	0.01677	0.00963	16	-0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.63400	0.00400	0.63413	0.01677	0.00963	16	-0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.63500	0.01000	0.63413	0.01677	0.00963	16	0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.63750	0.00700	0.63413	0.01677	0.00963	16	0.20	0%	0

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			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.64000	0.00000	0.63413	0.01677	0.00963	16	0.35	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.64500	0.01000	0.63413	0.01677	0.00963	16	0.65	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.64500	0.03000	0.63413	0.01677	0.00963	16	0.65	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.65000	0.02000	0.63413	0.01677	0.00963	16	0.95	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.66650	0.00100	0.63413	0.01677	0.00963	16	1.93	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0955	0.69350	0.02500	0.63413	0.01677	0.00963	16	3.54	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	2.0050	0.09000	0.63413	0.01677	0.00963	16	81.73	108%	2
120.02	Alanine, Post-col OPA Der (%)	2023	0.62000	0.00000	0.64623	0.03709	0.00785	2	-0.71	2%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.67245	0.01570	0.64623	0.03709	0.00785	2	0.71	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.58650	0.00300	0.60825	0.03076	0.03150	2	-0.71	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0939	0.63000	0.06000	0.60825	0.03076	0.03150	2	0.71	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.68500	0.01000	0.81140	0.01965	0.01550	16	-6.43	8%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0955	0.78150	0.02900	0.81140	0.01965	0.01550	16	-1.52	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	0.78500	0.03000	0.81140	0.01965	0.01550	16	-1.34	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.78750	0.00300	0.81140	0.01965	0.01550	16	-1.22	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.79000	0.02000	0.81140	0.01965	0.01550	16	-1.09	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.79200	0.00400	0.81140	0.01965	0.01550	16	-0.99	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	0.80550	0.01900	0.81140	0.01965	0.01550	16	-0.30	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.81800	0.03000	0.81140	0.01965	0.01550	16	0.34	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.81950	0.01100	0.81140	0.01965	0.01550	16	0.41	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	0.82000	0.02000	0.81140	0.01965	0.01550	16	0.44	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	0.82400	0.00000	0.81140	0.01965	0.01550	16	0.64	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.82500	0.00400	0.81140	0.01965	0.01550	16	0.69	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.82500	0.01000	0.81140	0.01965	0.01550	16	0.69	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.82500	0.03000	0.81140	0.01965	0.01550	16	0.69	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	0.83000	0.02800	0.81140	0.01965	0.01550	16	0.95	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.84600	0.00000	0.81140	0.01965	0.01550	16	1.76	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	2.6400	0.04000	0.81140	0.01965	0.01550	16	93.07	113%	2
121.02	Arginine, Post-col OPA Der (%)	0098	0.81125	0.01530	0.83063	0.02740	0.00765	2	-0.71	1%	0
121.02	Arginine, Post-col OPA Der (%)	2023	0.85000	0.00000	0.83063	0.02740	0.00765	2	0.71	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.80600	0.01200	0.80800	0.00283	0.01600	2	-0.71	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0939	0.81000	0.02000	0.80800	0.00283	0.01600	2	0.71	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	0.85500	0.01000	1.0109	0.03213	0.01494	16	-4.85	8%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	0.97300	0.00200	1.0109	0.03213	0.01494	16	-1.18	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	0.97900	0.00200	1.0109	0.03213	0.01494	16	-0.99	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	0.98300	0.00800	1.0109	0.03213	0.01494	16	-0.87	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	0.99500	0.03000	1.0109	0.03213	0.01494	16	-0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.0025	0.01700	1.0109	0.03213	0.01494	16	-0.26	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.0080	0.00000	1.0109	0.03213	0.01494	16	-0.09	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.0085	0.02300	1.0109	0.03213	0.01494	16	-0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.0100	0.02000	1.0109	0.03213	0.01494	16	-0.03	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.0120	0.01800	1.0109	0.03213	0.01494	16	0.03	0%	0

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			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.0215	0.00900	1.0109	0.03213	0.01494	16	0.33	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.0300	0.04000	1.0109	0.03213	0.01494	16	0.59	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.0300	0.04000	1.0109	0.03213	0.01494	16	0.59	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.0480	0.00000	1.0109	0.03213	0.01494	16	1.15	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0955	1.0600	0.02000	1.0109	0.03213	0.01494	16	1.53	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.0900	0.00000	1.0109	0.03213	0.01494	16	2.46	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	3.4850	0.03000	1.0109	0.03213	0.01494	16	77.01	122%	2
122.02	Aspartic, Post-col OPA Der (%)	2023	0.98500	0.01000	0.99718	0.01722	0.01355	2	-0.71	1%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.0094	0.01710	0.99718	0.01722	0.01355	2	0.71	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	0.91550	0.00100	0.95525	0.05621	0.03550	2	-0.71	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0939	0.99500	0.07000	0.95525	0.05621	0.03550	2	0.71	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.20350	0.00500	0.25854	0.01033	0.00373	15	-5.33	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.23850	0.00500	0.25854	0.01033	0.00373	15	-1.94	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.24500	0.01000	0.25854	0.01033	0.00373	15	-1.31	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.24750	0.00300	0.25854	0.01033	0.00373	15	-1.07	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.25400	0.00200	0.25854	0.01033	0.00373	15	-0.44	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.25650	0.00100	0.25854	0.01033	0.00373	15	-0.20	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.25650	0.00100	0.25854	0.01033	0.00373	15	-0.20	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.26000	0.00000	0.25854	0.01033	0.00373	15	0.14	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.26000	0.00000	0.25854	0.01033	0.00373	15	0.14	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.26100	0.00400	0.25854	0.01033	0.00373	15	0.24	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.26500	0.01000	0.25854	0.01033	0.00373	15	0.62	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.26500	0.01000	0.25854	0.01033	0.00373	15	0.62	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0955	0.26600	0.00400	0.25854	0.01033	0.00373	15	0.72	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.28000	0.00000	0.25854	0.01033	0.00373	15	2.08	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.28350	0.00100	0.25854	0.01033	0.00373	15	2.41	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2022	0.85000	0.00000	0.25854	0.01033	0.00373	15	57.23	114%	2
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.26970	0.00240	0.28235	0.01789	0.00620	2	-0.71	2%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.29500	0.01000	0.28235	0.01789	0.00620	2	0.71	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.25550	0.01900	0.26525	0.01379	0.02450	2	-0.71	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0939	0.27500	0.03000	0.26525	0.01379	0.02450	2	0.71	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.1750	0.05000	2.2721	0.06505	0.04281	16	-1.49	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.1950	0.02400	2.2721	0.06505	0.04281	16	-1.19	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.2150	0.00200	2.2721	0.06505	0.04281	16	-0.88	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.2225	0.04500	2.2721	0.06505	0.04281	16	-0.76	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	2.2340	0.02400	2.2721	0.06505	0.04281	16	-0.59	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.2450	0.01000	2.2721	0.06505	0.04281	16	-0.42	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.2600	0.00800	2.2721	0.06505	0.04281	16	-0.19	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	2.2650	0.05000	2.2721	0.06505	0.04281	16	-0.11	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.2680	0.00000	2.2721	0.06505	0.04281	16	-0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.2845	0.02500	2.2721	0.06505	0.04281	16	0.19	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.2950	0.01000	2.2721	0.06505	0.04281	16	0.35	1%	0



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			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.3050	0.03000	2.2721	0.06505	0.04281	16	0.51	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.3150	0.11000	2.2721	0.06505	0.04281	16	0.66	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0955	2.3900	0.10000	2.2721	0.06505	0.04281	16	1.81	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	2.3915	0.04700	2.2721	0.06505	0.04281	16	1.84	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	2.4850	0.15000	2.2721	0.06505	0.04281	16	3.27	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	7.8800	0.02000	2.2721	0.06505	0.04281	16	86.20	123%	2
125.02	Glutamic, Post-col OPA Der (%)	2023	2.1350	0.01000	2.1777	0.06042	0.02135	2	-0.71	1%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.2205	0.03270	2.1777	0.06042	0.02135	2	0.71	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	2.1605	0.01100	2.2253	0.09157	0.07550	2	-0.71	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0939	2.2900	0.14000	2.2253	0.09157	0.07550	2	0.71	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.63500	0.01000	0.73771	0.01530	0.01119	16	-6.71	7%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.70650	0.00500	0.73771	0.01530	0.01119	16	-2.04	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.71950	0.00900	0.73771	0.01530	0.01119	16	-1.19	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.72200	0.00800	0.73771	0.01530	0.01119	16	-1.03	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.73200	0.00400	0.73771	0.01530	0.01119	16	-0.37	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.73500	0.01000	0.73771	0.01530	0.01119	16	-0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.73500	0.01000	0.73771	0.01530	0.01119	16	-0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.73850	0.00900	0.73771	0.01530	0.01119	16	0.05	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.73950	0.00500	0.73771	0.01530	0.01119	16	0.12	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.74000	0.00000	0.73771	0.01530	0.01119	16	0.15	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.74000	0.01400	0.73771	0.01530	0.01119	16	0.15	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.74700	0.01800	0.73771	0.01530	0.01119	16	0.61	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.75000	0.02000	0.73771	0.01530	0.01119	16	0.80	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.75400	0.00000	0.73771	0.01530	0.01119	16	1.06	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.75500	0.03000	0.73771	0.01530	0.01119	16	1.13	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0955	0.79850	0.02700	0.73771	0.01530	0.01119	16	3.97	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	2.5400	0.02000	0.73771	0.01530	0.01119	16	117.77	122%	2
126.02	Glycine, Post-col OPA Der (%)	2023	0.74000	0.00000	0.75323	0.01870	0.01055	2	-0.71	1%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.76645	0.02110	0.75323	0.01870	0.01055	2	0.71	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.71350	0.00900	0.73675	0.03288	0.03450	2	-0.71	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0939	0.76000	0.06000	0.73675	0.03288	0.03450	2	0.71	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.33200	0.00000	0.35533	0.01078	0.00593	15	-2.16	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.34050	0.00100	0.35533	0.01078	0.00593	15	-1.38	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.34500	0.01000	0.35533	0.01078	0.00593	15	-0.96	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.34850	0.00300	0.35533	0.01078	0.00593	15	-0.63	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.35200	0.00000	0.35533	0.01078	0.00593	15	-0.31	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.35450	0.00100	0.35533	0.01078	0.00593	15	-0.08	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.35500	0.01000	0.35533	0.01078	0.00593	15	-0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.35500	0.01000	0.35533	0.01078	0.00593	15	-0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.35500	0.01000	0.35533	0.01078	0.00593	15	-0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.35500	0.01000	0.35533	0.01078	0.00593	15	-0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.35750	0.01300	0.35533	0.01078	0.00593	15	0.20	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.36300	0.00200	0.35533	0.01078	0.00593	15	0.71	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.37500	0.01000	0.35533	0.01078	0.00593	15	1.82	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.37550	0.00900	0.35533	0.01078	0.00593	15	1.87	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.38400	0.00000	0.35533	0.01078	0.00593	15	2.66	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	1.0750	0.03000	0.35533	0.01078	0.00593	15	66.75	101%	2
127.02	Histidine, Post-col OPA Der (%)	2023	0.33000	0.00000	0.34020	0.01442	0.00340	2	-0.71	1%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.35040	0.00680	0.34020	0.01442	0.00340	2	0.71	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.33400	0.00600	0.35950	0.03606	0.03800	2	-0.71	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0939	0.38500	0.07000	0.35950	0.03606	0.03800	2	0.71	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.33500	0.01000	0.43612	0.01046	0.00573	15	-9.67	12%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.40300	0.00400	0.43612	0.01046	0.00573	15	-3.17	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.42850	0.00300	0.43612	0.01046	0.00573	15	-0.73	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.43000	0.00400	0.43612	0.01046	0.00573	15	-0.59	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.43000	0.00000	0.43612	0.01046	0.00573	15	-0.59	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.43100	0.00000	0.43612	0.01046	0.00573	15	-0.49	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.43400	0.00600	0.43612	0.01046	0.00573	15	-0.20	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.43450	0.00300	0.43612	0.01046	0.00573	15	-0.16	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.43900	0.00000	0.43612	0.01046	0.00573	15	0.28	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.44000	0.00200	0.43612	0.01046	0.00573	15	0.37	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.44400	0.00000	0.43612	0.01046	0.00573	15	0.75	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.44500	0.01000	0.43612	0.01046	0.00573	15	0.85	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.45500	0.01000	0.43612	0.01046	0.00573	15	1.80	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.46000	0.02000	0.43612	0.01046	0.00573	15	2.28	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0955	0.49700	0.01400	0.43612	0.01046	0.00573	15	5.82	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.41000	0.04000	0.43612	0.01046	0.00573	15	-2.50	3%	1
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	1.4800	0.02000	0.43612	0.01046	0.00573	15	99.80	120%	2
128.02	Isoleucine, Post-col OPA Der (%)	2023	0.42000	0.00000	0.43568	0.02217	0.00895	2	-0.71	2%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.45135	0.01790	0.43568	0.02217	0.00895	2	0.71	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.43050	0.00900	0.43275	0.00318	0.01950	2	-0.71	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0939	0.43500	0.03000	0.43275	0.00318	0.01950	2	0.71	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.76500	0.01000	0.87011	0.02036	0.01456	16	-5.16	6%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	0.83400	0.00000	0.87011	0.02036	0.01456	16	-1.77	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	0.84650	0.00500	0.87011	0.02036	0.01456	16	-1.16	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	0.85900	0.00600	0.87011	0.02036	0.01456	16	-0.55	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	0.86350	0.00300	0.87011	0.02036	0.01456	16	-0.32	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	0.86500	0.05000	0.87011	0.02036	0.01456	16	-0.25	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	0.86500	0.01000	0.87011	0.02036	0.01456	16	-0.25	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	0.86600	0.00000	0.87011	0.02036	0.01456	16	-0.20	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	0.87000	0.00600	0.87011	0.02036	0.01456	16	-0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	0.87450	0.01500	0.87011	0.02036	0.01456	16	0.22	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	0.87950	0.00500	0.87011	0.02036	0.01456	16	0.46	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	0.88100	0.00800	0.87011	0.02036	0.01456	16	0.53	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	0.88500	0.01000	0.87011	0.02036	0.01456	16	0.73	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	0.89500	0.01000	0.87011	0.02036	0.01456	16	1.22	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	0.89500	0.01000	0.87011	0.02036	0.01456	16	1.22	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0955	0.99750	0.08500	0.87011	0.02036	0.01456	16	6.26	7%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	3.0250	0.21000	0.87011	0.02036	0.01456	16	105.83	124%	2
129.02	Leucine, Post-col OPA Der (%)	2023	0.88000	0.00000	0.89335	0.01888	0.01340	2	-0.71	1%	0
129.02	Leucine, Post-col OPA Der (%)	0098	0.90670	0.02680	0.89335	0.01888	0.01340	2	0.71	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0939	0.80500	0.01000	0.83400	0.04101	0.00800	2	-0.71	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	0.86300	0.00600	0.83400	0.04101	0.00800	2	0.71	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.51500	0.01000	0.59477	0.01914	0.01650	16	-4.17	7%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.56950	0.00900	0.59477	0.01914	0.01650	16	-1.32	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.57700	0.01600	0.59477	0.01914	0.01650	16	-0.93	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.58000	0.00000	0.59477	0.01914	0.01650	16	-0.77	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.58450	0.00100	0.59477	0.01914	0.01650	16	-0.54	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.59050	0.00100	0.59477	0.01914	0.01650	16	-0.22	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.59100	0.00400	0.59477	0.01914	0.01650	16	-0.20	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.59250	0.00500	0.59477	0.01914	0.01650	16	-0.12	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.59500	0.03000	0.59477	0.01914	0.01650	16	0.01	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.59750	0.00500	0.59477	0.01914	0.01650	16	0.14	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.59800	0.00000	0.59477	0.01914	0.01650	16	0.17	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.60350	0.00100	0.59477	0.01914	0.01650	16	0.46	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0955	0.61000	0.05200	0.59477	0.01914	0.01650	16	0.80	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.65500	0.01000	0.59477	0.01914	0.01650	16	3.15	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.66000	0.06000	0.59477	0.01914	0.01650	16	3.41	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.71000	0.06000	0.59477	0.01914	0.01650	16	6.02	10%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	2.0450	0.03000	0.59477	0.01914	0.01650	16	75.78	122%	2
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.66210	0.01460	0.66855	0.00912	0.01230	2	-0.71	0%	0
130.02	L-Lysine, Post-col OPA Der (%)	2023	0.67500	0.01000	0.66855	0.00912	0.01230	2	0.71	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.56550	0.00900	0.61850	0.06428	0.00967	3	-0.82	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	0.60000	0.00000	0.61850	0.06428	0.00967	3	-0.29	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0939	0.69000	0.02000	0.61850	0.06428	0.00967	3	1.11	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.13550	0.00100	0.18367	0.01138	0.00440	15	-4.23	13%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.15100	0.00400	0.18367	0.01138	0.00440	15	-2.87	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.16400	0.00800	0.18367	0.01138	0.00440	15	-1.73	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.17050	0.00700	0.18367	0.01138	0.00440	15	-1.16	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.17950	0.00500	0.18367	0.01138	0.00440	15	-0.37	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.18100	0.00000	0.18367	0.01138	0.00440	15	-0.24	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.18250	0.00100	0.18367	0.01138	0.00440	15	-0.10	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.18500	0.01000	0.18367	0.01138	0.00440	15	0.12	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.18500	0.01000	0.18367	0.01138	0.00440	15	0.12	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.18600	0.00200	0.18367	0.01138	0.00440	15	0.20	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.19000	0.00000	0.18367	0.01138	0.00440	15	0.56	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.19150	0.00100	0.18367	0.01138	0.00440	15	0.69	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.19500	0.01000	0.18367	0.01138	0.00440	15	1.00	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0955	0.19800	0.00200	0.18367	0.01138	0.00440	15	1.26	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.21150	0.00500	0.18367	0.01138	0.00440	15	2.45	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.19000	0.02000	0.18367	0.01138	0.00440	15	0.56	2%	1
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.63000	0.00000	0.18367	0.01138	0.00440	15	39.24	121%	2
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.17000	0.02000	0.18108	0.01566	0.01075	2	-0.71	3%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.19215	0.00150	0.18108	0.01566	0.01075	2	0.71	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0939	0.17500	0.03000	0.18250	0.01061	0.02100	2	-0.71	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.19000	0.01200	0.18250	0.01061	0.02100	2	0.71	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.46500	0.01000	0.52565	0.02047	0.00744	16	-2.96	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.49650	0.01100	0.52565	0.02047	0.00744	16	-1.42	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.50300	0.01000	0.52565	0.02047	0.00744	16	-1.11	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.50300	0.00200	0.52565	0.02047	0.00744	16	-1.11	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.51100	0.00000	0.52565	0.02047	0.00744	16	-0.72	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.51500	0.03000	0.52565	0.02047	0.00744	16	-0.52	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.52650	0.00300	0.52565	0.02047	0.00744	16	0.04	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.53000	0.00000	0.52565	0.02047	0.00744	16	0.21	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.53000	0.00600	0.52565	0.02047	0.00744	16	0.21	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.53050	0.00300	0.52565	0.02047	0.00744	16	0.24	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.53500	0.01000	0.52565	0.02047	0.00744	16	0.46	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.53800	0.00200	0.52565	0.02047	0.00744	16	0.60	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.54000	0.00000	0.52565	0.02047	0.00744	16	0.70	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.54150	0.00100	0.52565	0.02047	0.00744	16	0.77	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0955	0.54950	0.00100	0.52565	0.02047	0.00744	16	1.17	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.57500	0.03000	0.52565	0.02047	0.00744	16	2.41	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	1.7450	0.05000	0.52565	0.02047	0.00744	16	59.57	116%	2
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.52345	0.00850	0.53423	0.01524	0.00925	2	-0.71	1%	0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	0.54500	0.01000	0.53423	0.01524	0.00925	2	0.71	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0939	0.48500	0.01000	0.50275	0.02510	0.01150	2	-0.71	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.52050	0.01300	0.50275	0.02510	0.01150	2	0.71	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.75150	0.02100	0.81028	0.04132	0.01380	15	-1.42	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.75500	0.01000	0.81028	0.04132	0.01380	15	-1.34	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	0.77050	0.00700	0.81028	0.04132	0.01380	15	-0.96	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.77950	0.01700	0.81028	0.04132	0.01380	15	-0.74	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.79000	0.00000	0.81028	0.04132	0.01380	15	-0.49	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.79500	0.05000	0.81028	0.04132	0.01380	15	-0.37	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.80250	0.00300	0.81028	0.04132	0.01380	15	-0.19	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.81500	0.01200	0.81028	0.04132	0.01380	15	0.11	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	0.82000	0.00000	0.81028	0.04132	0.01380	15	0.24	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.82400	0.01000	0.81028	0.04132	0.01380	15	0.33	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	0.82650	0.02100	0.81028	0.04132	0.01380	15	0.39	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
133.00	Proline, Post-col Ninhydrin Der (%)	0955	0.84200	0.03400	0.81028	0.04132	0.01380	15	0.77	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.84700	0.00200	0.81028	0.04132	0.01380	15	0.89	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	0.86000	0.02000	0.81028	0.04132	0.01380	15	1.20	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.98600	0.00000	0.81028	0.04132	0.01380	15	4.25	11%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.69500	0.07000	0.81028	0.04132	0.01380	15	-2.79	7%	1
133.05	Proline, Pre-col AQC Der (%)	0939	0.79500	0.11000	0.79575	0.00106	0.05750	2	-0.71	0%	0
133.05	Proline, Pre-col AQC Der (%)	0676	0.79650	0.00500	0.79575	0.00106	0.05750	2	0.71	0%	0
133.99	Proline, Miscellaneous (%)	2023	0.93000	0.00000			0.00000	1			
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.47600	0.00000	0.59967	0.03248	0.00900	15	-3.81	10%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.54500	0.01000	0.59967	0.03248	0.00900	15	-1.68	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.57300	0.00000	0.59967	0.03248	0.00900	15	-0.82	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.57650	0.00300	0.59967	0.03248	0.00900	15	-0.71	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.59350	0.01700	0.59967	0.03248	0.00900	15	-0.19	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.59400	0.00400	0.59967	0.03248	0.00900	15	-0.17	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.59600	0.00400	0.59967	0.03248	0.00900	15	-0.11	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.59600	0.00400	0.59967	0.03248	0.00900	15	-0.11	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.59950	0.01700	0.59967	0.03248	0.00900	15	-0.01	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.60000	0.02000	0.59967	0.03248	0.00900	15	0.01	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.61500	0.01000	0.59967	0.03248	0.00900	15	0.47	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.63250	0.00100	0.59967	0.03248	0.00900	15	1.01	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.63500	0.01000	0.59967	0.03248	0.00900	15	1.09	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0955	0.64650	0.00500	0.59967	0.03248	0.00900	15	1.44	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.72500	0.03000	0.59967	0.03248	0.00900	15	3.86	10%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	2.0100	0.06000	0.59967	0.03248	0.00900	15	43.42	118%	2
134.02	Serine, Post-col OPA Der (%)	0098	0.53870	0.01400	0.58685	0.06809	0.01200	2	-0.71	4%	0
134.02	Serine, Post-col OPA Der (%)	2023	0.63500	0.01000	0.58685	0.06809	0.01200	2	0.71	4%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.59300	0.00800	0.59900	0.00849	0.00900	2	-0.71	1%	0
134.05	Serine, Pre-col AQC Der (%)	0939	0.60500	0.01000	0.59900	0.00849	0.00900	2	0.71	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.39500	0.01000	0.44294	0.01033	0.00787	15	-4.64	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.42900	0.00600	0.44294	0.01033	0.00787	15	-1.35	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.43500	0.01000	0.44294	0.01033	0.00787	15	-0.77	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.43700	0.00200	0.44294	0.01033	0.00787	15	-0.57	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.43750	0.00500	0.44294	0.01033	0.00787	15	-0.53	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.43900	0.01200	0.44294	0.01033	0.00787	15	-0.38	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.44000	0.02000	0.44294	0.01033	0.00787	15	-0.28	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.44100	0.01200	0.44294	0.01033	0.00787	15	-0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.44500	0.01000	0.44294	0.01033	0.00787	15	0.20	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.44600	0.00600	0.44294	0.01033	0.00787	15	0.30	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0955	0.44950	0.01100	0.44294	0.01033	0.00787	15	0.64	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.46150	0.00100	0.44294	0.01033	0.00787	15	1.80	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.46500	0.01000	0.44294	0.01033	0.00787	15	2.14	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.47250	0.00300	0.44294	0.01033	0.00787	15	2.86	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.48100	0.00000	0.44294	0.01033	0.00787	15	3.69	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.41000	0.04000	0.44294	0.01033	0.00787	15	-3.19	4%	1
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	1.5100	0.02000	0.44294	0.01033	0.00787	15	103.33	120%	2
135.02	Threonine, Post-col OPA Der (%)	2023	0.44000	0.00000	0.44060	0.00085	0.00910	2	-0.71	0%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.44120	0.01820	0.44060	0.00085	0.00910	2	0.71	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.44150	0.00500	0.44325	0.00247	0.00750	2	-0.71	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0939	0.44500	0.01000	0.44325	0.00247	0.00750	2	0.71	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0227	0.21000	0.00000	0.21575	0.00813	0.00950	2	-0.71	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0684	0.22150	0.01900	0.21575	0.00813	0.00950	2	0.71	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.17250	0.00100	0.18990	0.01077	0.00500	5	-1.62	5%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.18650	0.00500	0.18990	0.01077	0.00500	5	-0.32	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0955	0.19500	0.01600	0.18990	0.01077	0.00500	5	0.47	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.19750	0.00100	0.18990	0.01077	0.00500	5	0.71	2%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.19800	0.00200	0.18990	0.01077	0.00500	5	0.75	2%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA Der (%)	2023	0.16500	0.01000	0.17725	0.01732	0.00750	2	-0.71	3%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA Der (%)	0098	0.18950	0.00500	0.17725	0.01732	0.00750	2	0.71	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.18500	0.01000	0.19083	0.00843	0.00633	3	-0.69	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.18700	0.00600	0.19083	0.00843	0.00633	3	-0.45	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0619	0.20050	0.00300	0.19083	0.00843	0.00633	3	1.15	3%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.16500	0.01000	0.18250	0.02475	0.00500	2	-0.71	5%	0
136.99	Tryptophan, Miscellaneous (%)	0610	0.20000	0.00000	0.18250	0.02475	0.00500	2	0.71	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.29500	0.00000	0.38559	0.02134	0.00700	9	-4.25	12%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.33500	0.01000	0.38559	0.02134	0.00700	9	-2.37	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.37850	0.00300	0.38559	0.02134	0.00700	9	-0.33	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.38150	0.00300	0.38559	0.02134	0.00700	9	-0.19	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.38500	0.01000	0.38559	0.02134	0.00700	9	-0.03	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.39500	0.01000	0.38559	0.02134	0.00700	9	0.44	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.39700	0.00200	0.38559	0.02134	0.00700	9	0.53	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.40500	0.01000	0.38559	0.02134	0.00700	9	0.91	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.41250	0.01500	0.38559	0.02134	0.00700	9	1.26	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.35000	0.04000	0.38559	0.02134	0.00700	9	-1.67	5%	1
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.35000	0.00000	0.36813	0.02563	0.01145	2	-0.71	2%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.38625	0.02290	0.36813	0.02563	0.01145	2	0.71	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0939	0.36000	0.04000	0.38800	0.03960	0.02800	2	-0.71	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.41600	0.01600	0.38800	0.03960	0.02800	2	0.71	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.48500	0.01000	0.59932	0.01813	0.01125	16	-6.31	10%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.57750	0.00100	0.59932	0.01813	0.01125	16	-1.20	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.58000	0.00000	0.59932	0.01813	0.01125	16	-1.07	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.58050	0.00900	0.59932	0.01813	0.01125	16	-1.04	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.58800	0.00400	0.59932	0.01813	0.01125	16	-0.62	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.59800	0.00400	0.59932	0.01813	0.01125	16	-0.07	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.59900	0.00800	0.59932	0.01813	0.01125	16	-0.02	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.60000	0.04000	0.59932	0.01813	0.01125	16	0.04	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.60050	0.00500	0.59932	0.01813	0.01125	16	0.07	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.60250	0.00300	0.59932	0.01813	0.01125	16	0.18	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.60500	0.01000	0.59932	0.01813	0.01125	16	0.31	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.61300	0.00000	0.59932	0.01813	0.01125	16	0.75	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.61500	0.01000	0.59932	0.01813	0.01125	16	0.86	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.61500	0.03000	0.59932	0.01813	0.01125	16	0.86	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.61650	0.00100	0.59932	0.01813	0.01125	16	0.95	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0955	0.62850	0.04500	0.59932	0.01813	0.01125	16	1.61	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	1.9950	0.03000	0.59932	0.01813	0.01125	16	76.98	116%	2
138.02	Valine, Post-col OPA Der (%)	2023	0.54500	0.01000	0.59125	0.06541	0.00870	2	-0.71	4%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.63750	0.00740	0.59125	0.06541	0.00870	2	0.71	4%	0
138.05	Valine, Pre-col AQC Der (%)	0939	0.60500	0.01000	0.60925	0.00601	0.00850	2	-0.71	0%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.61350	0.00700	0.60925	0.00601	0.00850	2	0.71	0%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.05500	0.01000			0.01000	1			
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
139.02	Taurine, Post-col OPA Der (%)	2023	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
139.03	Taurine, Pre-col Dansyl Cl Der (%)	0939	22.100	0.04000			0.04000	1			
160.99	Fructose, Miscellaneous (%)	0227	0.19000	0.02000	0.22500	0.03122	0.05000	3	-1.12	8%	0
160.99	Fructose, Miscellaneous (%)	0148	0.23500	0.03000	0.22500	0.03122	0.05000	3	0.32	2%	0
160.99	Fructose, Miscellaneous (%)	0199	0.25000	0.10000	0.22500	0.03122	0.05000	3	0.80	6%	0
162.99	Glucose, Miscellaneous (%)	0148	0.06000	0.00000	0.35333	0.32332	0.00000	3	-0.91	42%	0
162.99	Glucose, Miscellaneous (%)	0199	0.30000	0.00000	0.35333	0.32332	0.00000	3	-0.16	8%	0
162.99	Glucose, Miscellaneous (%)	0629	0.70000	0.00000	0.35333	0.32332	0.00000	3	1.07	49%	0
163.99	Lactose, Miscellaneous (%)	0148	0.10000	0.04000			0.04000	1			
164.99	Maltose, Miscellaneous (%)	0148	0.12500	0.03000	1.4375	1.8562	0.06500	2	-0.71	46%	0
164.99	Maltose, Miscellaneous (%)	0629	2.7500	0.10000	1.4375	1.8562	0.06500	2	0.71	46%	0
165.99	Sucrose, Miscellaneous (%)	0227	1.2600	0.06000	1.8580	0.91709	0.14000	5	-0.65	16%	0
165.99	Sucrose, Miscellaneous (%)	0629	1.3500	0.00000	1.8580	0.91709	0.14000	5	-0.55	14%	0
165.99	Sucrose, Miscellaneous (%)	0148	1.4650	0.01000	1.8580	0.91709	0.14000	5	-0.43	11%	0
165.99	Sucrose, Miscellaneous (%)	0199	1.7500	0.10000	1.8580	0.91709	0.14000	5	-0.12	3%	0
165.99	Sucrose, Miscellaneous (%)	0910	3.4650	0.53000	1.8580	0.91709	0.14000	5	1.75	43%	0
400.01	Water activity, Aqualab chilled mirror (U)	0001	0.44900	0.01800	0.45900	0.00954	0.00733	3	-1.05	1%	0
400.01	Water activity, Aqualab chilled mirror (U)	0942	0.46000	0.00000	0.45900	0.00954	0.00733	3	0.10	0%	0
400.01	Water activity, Aqualab chilled mirror (U)	0589	0.46800	0.00400	0.45900	0.00954	0.00733	3	0.94	1%	0
400.99	Water activity, Miscellaneous (U)	0552	0.50340	0.00240			0.00240	1			
516.00	Arsenic, total, AA, Hydride (ppm)	0948	0.05500	0.01000	0.06800	0.01836	0.00600	3	-0.71	10%	0
516.00	Arsenic, total, AA, Hydride (ppm)	0171	0.06000	0.00000	0.06800	0.01836	0.00600	3	-0.44	6%	0
516.00	Arsenic, total, AA, Hydride (ppm)	0563	0.08900	0.00800	0.06800	0.01836	0.00600	3	1.14	15%	0
516.34	Arsenic, total, AAS, Graphite furnace (ppm)	0596	50.700	8.3600			8.3600	1			
516.43	Arsenic, total, ICP, Microwave (ppm)	0021	0.00000	0.00000	0.39000	0.55154	0.06000	2	-0.71	50%	0
516.43	Arsenic, total, ICP, Microwave (ppm)	0003	0.78000	0.12000	0.39000	0.55154	0.06000	2	0.71	50%	0

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516.52	Arsenic, total, ICP-MS, Open vessel (ppm)	0098	0.12500	0.00600	0.21600	0.12869	0.03000	2	-0.71	21%	0
516.52	Arsenic, total, ICP-MS, Open vessel (ppm)	0154	0.30700	0.05400	0.21600	0.12869	0.03000	2	0.71	21%	0
516.53	Arsenic, total, ICP-MS, Microwave (ppm)	0918	0.07120	0.00040	0.09171	0.01183	0.01074	5	-1.73	11%	0
516.53	Arsenic, total, ICP-MS, Microwave (ppm)	0168	0.09300	0.01200	0.09171	0.01183	0.01074	5	0.11	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (ppm)	0199	0.09500	0.03000	0.09171	0.01183	0.01074	5	0.28	2%	0
516.53	Arsenic, total, ICP-MS, Microwave (ppm)	0553	0.09935	0.01130	0.09171	0.01183	0.01074	5	0.65	4%	0
516.53	Arsenic, total, ICP-MS, Microwave (ppm)	0227	0.10000	0.00000	0.09171	0.01183	0.01074	5	0.70	5%	0
518.31	Cadmium, AAS, Dry ash (ppm)	0673	0.00000	0.00000			0.00000	1			
518.33	Cadmium, AAS, Microwave (ppm)	0948	0.06000	0.00000			0.00000	1			
518.34	Cadmium, AAS, Graphite furnace (ppm)	0563	0.10000	0.00000	57.588	81.300	13.515	2	-0.71	50%	0
518.34	Cadmium, AAS, Graphite furnace (ppm)	0596	115.08	27.030	57.588	81.300	13.515	2	0.71	50%	0
518.41	Cadmium, ICP, Dry ash (ppm)	0619	0.05550	0.00700	0.07581	0.02367	0.00513	4	-0.86	13%	0
518.41	Cadmium, ICP, Dry ash (ppm)	0011	0.06775	0.01350	0.07581	0.02367	0.00513	4	-0.34	5%	0
518.41	Cadmium, ICP, Dry ash (ppm)	0968	0.07000	0.00000	0.07581	0.02367	0.00513	4	-0.25	4%	0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.11000	0.00000	0.07581	0.02367	0.00513	4	1.44	23%	0
518.43	Cadmium, ICP, Microwave (ppm)	0003	0.06000	0.04000			0.04000	1			
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0098	0.07500	0.00600	0.07650	0.00212	0.01700	2	-0.71	1%	0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0154	0.07800	0.02800	0.07650	0.00212	0.01700	2	0.71	1%	0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0168	0.06050	0.00100	0.07222	0.00857	0.00168	5	-1.37	8%	0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0199	0.07000	0.00000	0.07222	0.00857	0.00168	5	-0.26	2%	0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.07000	0.00000	0.07222	0.00857	0.00168	5	-0.26	2%	0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.07745	0.00710	0.07222	0.00857	0.00168	5	0.61	4%	0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0918	0.08315	0.00030	0.07222	0.00857	0.00168	5	1.27	8%	0
520.31	Chromium, AAS, Dry ash (ppm)	0673	3.3500	0.30000	3.7500	0.56569	0.26000	2	-0.71	5%	0
520.31	Chromium, AAS, Dry ash (ppm)	0563	4.1500	0.22000	3.7500	0.56569	0.26000	2	0.71	5%	0
520.41	Chromium, ICP, Dry ash (ppm)	0171	1.8050	0.05000	2.7548	1.3061	0.07717	3	-0.73	17%	0
520.41	Chromium, ICP, Dry ash (ppm)	0619	2.2150	0.15000	2.7548	1.3061	0.07717	3	-0.41	10%	0
520.41	Chromium, ICP, Dry ash (ppm)	0011	4.2443	0.03150	2.7548	1.3061	0.07717	3	1.14	27%	0
520.43	Chromium, ICP, Microwave (ppm)	0021	0.00000	0.00000	5.0233	4.4071	0.66667	3	-1.14	50%	0
520.43	Chromium, ICP, Microwave (ppm)	0510	6.8300	0.08000	5.0233	4.4071	0.66667	3	0.41	18%	0
520.43	Chromium, ICP, Microwave (ppm)	0003	8.2400	1.9200	5.0233	4.4071	0.66667	3	0.73	32%	0
520.52	Chromium, ICP-MS, Open vessel (ppm)	0154	4.0750	0.23000			0.23000	1			
520.53	Chromium, ICP-MS, Microwave (ppm)	0918	3.1650	0.00000	4.4933	1.4200	0.71667	3	-0.94	15%	0
520.53	Chromium, ICP-MS, Microwave (ppm)	0553	4.3250	1.8500	4.4933	1.4200	0.71667	3	-0.12	2%	0
520.53	Chromium, ICP-MS, Microwave (ppm)	2023	5.9900	0.30000	4.4933	1.4200	0.71667	3	1.05	17%	0
520.99	Chromium, Miscellaneous (ppm)	0968	7.4900	0.06000			0.06000	1			
526.31	Lead, AAS, Dry ash (ppm)	0673	0.00000	0.00000	0.06830	0.09659	0.00000	2	-0.71	50%	0
526.31	Lead, AAS, Dry ash (ppm)	0921	0.13660	0.00000	0.06830	0.09659	0.00000	2	0.71	50%	0
526.34	Lead, AAS, Graphite furnace (ppm)	0563	0.30000	0.00000	17.650	24.537	2.3000	2	-0.71	49%	0
526.34	Lead, AAS, Graphite furnace (ppm)	0596	35.000	4.6000	17.650	24.537	2.3000	2	0.71	49%	0
526.41	Lead, ICP, Dry ash (ppm)	0619	0.00000	0.00000	0.08750	0.12374	0.05500	2	-0.71	50%	0
526.41	Lead, ICP, Dry ash (ppm)	0171	0.17500	0.11000	0.08750	0.12374	0.05500	2	0.71	50%	0



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526.43	Lead, ICP, Microwave (ppm)	0021	0.00000	0.00000	0.11000	0.15556	0.02000	2	-0.71	50%	0
526.43	Lead, ICP, Microwave (ppm)	0003	0.22000	0.04000	0.11000	0.15556	0.02000	2	0.71	50%	0
526.52	Lead, ICP-MS, Open vessel (ppm)	0098	0.10200	0.00200	0.11450	0.01768	0.01100	2	-0.71	5%	0
526.52	Lead, ICP-MS, Open vessel (ppm)	0154	0.12700	0.02000	0.11450	0.01768	0.01100	2	0.71	5%	0
526.53	Lead, ICP-MS, Microwave (ppm)	0199	0.09500	0.01000	0.11134	0.01262	0.01132	5	-1.30	7%	0
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.10500	0.01000	0.11134	0.01262	0.01132	5	-0.50	3%	0
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.10870	0.02060	0.11134	0.01262	0.01132	5	-0.21	1%	0
526.53	Lead, ICP-MS, Microwave (ppm)	0168	0.12300	0.01600	0.11134	0.01262	0.01132	5	0.92	5%	0
526.53	Lead, ICP-MS, Microwave (ppm)	0918	0.12500	0.00000	0.11134	0.01262	0.01132	5	1.08	6%	0
529.00	Mercury, Cold vapor (ppb)	0596	153.21	43.940			43.940	1			
529.99	Mercury, Miscellaneous (ppb)	0021	0.00000	0.00000	33.842	66.882	9.1880	5	-0.51	50%	0
529.99	Mercury, Miscellaneous (ppb)	0673	0.00000	0.00000	33.842	66.882	9.1880	5	-0.51	50%	0
529.99	Mercury, Miscellaneous (ppb)	0168	5.0000	2.0000	33.842	66.882	9.1880	5	-0.43	43%	0
529.99	Mercury, Miscellaneous (ppb)	0171	11.000	0.00000	33.842	66.882	9.1880	5	-0.34	34%	0
529.99	Mercury, Miscellaneous (ppb)	0596	153.21	43.940	33.842	66.882	9.1880	5	1.78	176%	0
539.31	Nickel, AAS, Dry ash (ppm)	0673	3.0500	0.30000			0.30000	1			
539.41	Nickel, ICP, Dry ash (ppm)	0011	3.3703	0.06650			0.06650	1			
539.43	Nickel, ICP, Microwave (ppm)	0021	3.9500	1.3000	4.7950	1.1950	0.97000	2	-0.71	9%	0
539.43	Nickel, ICP, Microwave (ppm)	0003	5.6400	0.64000	4.7950	1.1950	0.97000	2	0.71	9%	0
539.52	Nickel, ICP-MS, Open vessel (ppm)	0154	1.8350	0.19000			0.19000	1			
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	2.7500	1.2400	3.3377	0.51128	0.50010	3	-1.15	9%	0
539.53	Nickel, ICP-MS, Microwave (ppm)	0918	3.5832	0.00030	3.3377	0.51128	0.50010	3	0.48	4%	0
539.53	Nickel, ICP-MS, Microwave (ppm)	2023	3.6800	0.26000	3.3377	0.51128	0.50010	3	0.67	5%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (ppb)	0689	0.00000	0.00000							
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (ppb)	0723	1.3800	0.00000							
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (ppb)	2068	1.9500	0.10000							
600.03	Total Aflatoxin, Charm ROSA Fast Aflatoxin Quan	0589	1.0000	0.00000							
600.14	Total Aflatoxin, Vicam Aflatest (ppb)	0505	1.5500	0.50000							
600.20	Total Aflatoxin, LC (ppb)	0042	0.00000	0.00000							
600.98	Total Aflatoxin, Other Rapid Test Kit (ppb)	0673	0.00000	0.00000							
600.98	Total Aflatoxin, Other Rapid Test Kit (ppb)	0880	1.2000	0.00000							
601.23	AB1, LC-MS/MS (ppb)	0553	0.00000	0.00000							
601.23	AB1, LC-MS/MS (ppb)	0918	0.40000	0.20000							
602.23	AB2, LC-MS/MS (ppb)	0553	0.00000	0.00000							
602.23	AB2, LC-MS/MS (ppb)	0918	0.13000	0.02000							
603.23	AG1, LC-MS/MS (ppb)	0553	0.00000	0.00000							
604.23	AG2, LC-MS/MS (ppb)	0553	0.00000	0.00000							
610.01	Deoxynivalenol, Neogen Veratox for DON (ppb)	0689	0.77000	0.08000							
610.05	Deoxynivalenol, Romer AgraQuant DON (ppb)	2068	615.00	30.000							
610.20	Deoxynivalenol, LC (ppb)	0413	800.00	0.00000							
610.23	Deoxynivalenol, LC-MS/MS (ppb)	0553	303.47	0.00000							
610.23	Deoxynivalenol, LC-MS/MS (ppb)	2033	661.00	88.000							

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610.25	Deoxynivalenol, GC-MS (ppb)	0218	758.00	0.00000							
620.01	Total Fumonisin, Neogen Veratox for Fumonisin (µg/g)	0227	300.00	200.00							
620.02	Total Fumonisin, Neogen Veratox for Fumonisin 5 (µg/g)	2068	155.00	10.000							
620.04	Total Fumonisin, Charm ROSA Fast 5 FUMQ (ppb)	0589	400.00	0.00000							
621.23	FB1, LC-MS/MS (ppb)	0553	260.80	0.00000							
622.23	FB2, LC-MS/MS (ppb)	0553	90.000	0.00000							
623.23	FB3, LC-MS/MS (ppb)	0553	90.000	0.00000							
630.03	Ochratoxin A, Romer AgraQuant Ochratoxin (ppb)	2068	3.2150	0.13000							
630.20	Ochratoxin A, LC (ppb)	0218	0.00000	0.00000							
630.23	Ochratoxin A, LC-MS/MS (ppb)	0553	0.00000	0.00000							
640.01	T-2, Neogen Veratox T-2 / HT-2 (ppb)	0263	29.150	7.5000							
640.01	T-2, Neogen Veratox T-2 / HT-2 (ppb)	2068	32.530	0.26000							
640.01	T-2, Neogen Veratox T-2 / HT-2 (ppb)	0227	117.50	31.000							
640.23	T-2, LC-MS/MS (ppb)	0553	0.00000	0.00000							
650.01	Zearalenone, Neogen Veratox Zearalenone (ppb)	0689	111.60	21.000							
650.01	Zearalenone, Neogen Veratox Zearalenone (ppb)	0227	129.00	16.000							
650.04	Zearalenone, Romer AgraQuant ZON (ppb)	2068	164.86	4.6100							
650.20	Zearalenone, LC (ppb)	0413	180.00	20.000							
650.21	Zearalenone, LC-FI, ISO (ppb)	0218	168.00	0.00000							
650.23	Zearalenone, LC-MS (ppb)	0553	30.100	0.00000							